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Washington, Saturday, April 17, 1943

The President

EXECUTIVE ORDER 9329

DESIGNATING THE CHAIRMAN OF THE UNITED STATES MARITIME COMMISSION

By virtue of and pursuant to the authority vested in me by section 201 (a) of the Merchant Marine Act, 1936 (49 Stat. 1985), I hereby designate Emory S. Land as Chairman of the United States Maritime Commission.

FRANKLIN D ROOSEVELT

THE WHITE HOUSE,
April 16, 1943.

[F. R. Doc. 43-5923; Filed, April 16, 1943; 10:05 a. m.]

Regulations

TITLE 29—LABOR

Chapter VII—War Manpower Commission

[General Order 1, Amendment 3]

PART 901—TRANSPORTATION OF WORKERS

TRANSPORTATION OF WORKERS TO NON-FERROUS METAL AND LUMBER PRODUCING AREAS

Section 901.6 of the "Regulations Governing Transportation of Workers to Non-Ferrous Metal and Lumber Producing Areas" [7 F.R. 8457, 10253; 8 F.R. 839] promulgated by the Chairman of the War Manpower Commission on October 17, 1942, pursuant to the letter of the President dated October 8, 1942, allocating certain sums from the Emergency Fund for the President to the War Manpower Commission, as amended by Amendment No. 1, dated December 4, 1942, and Amendment No. 2, dated January 14, 1943, is hereby amended by adding at the end of said § 901.6 two new paragraphs (d) and (e) as follows:

(d) Notwithstanding anything in these regulations to the contrary, any worker:

(1) Who has heretofore been transported to the place of employment under a contract of employment which conforms to the provisions of section 2 of these regulations, and

(2) Who, because of inadequate information given concerning the prescribed procedure for obtaining transportation of dependents or household effects at Government expense or because of lack of understanding of such procedure, has at his own expense provided transportation for his dependents designated in the contract of employment, or household effects described in the contract of employment, and

(3) Who would have been entitled to such transportation at Government expense, or to reimbursement for the cost thereof, if the prescribed procedure under these regulations had been observed, shall be reimbursed for the cost of such transportation upon presentation to the United States Employment Service office nearest to the place of employment, on or before July 1, 1943, of a standard voucher setting forth in detail the actual transportation thus provided and the cost thereof. Such reimbursement shall be paid only after certification by an officer or employee of the United States Employment Service that the transportation was provided and that payment should be made; and, in no event, shall payment be made pursuant to this subsection in excess of the cost which would have been incurred by the Government had such transportation been afforded pursuant to the prescribed procedure therefor.

(e) This amendement shall be effective May 1, 1943. Paragraph (d) above shall be applicable only to transportation which was provided at the worker's own expense prior to the effective date of this amendment. No reimbursement shall be paid for transportation afforded at the worker's own expense after May 1, 1943, unless such transportation is afforded pursuant to the prescribed procedure therefor.

PAUL V. MCNUTT,
Chairman.

APRIL 14, 1943.

[F. R. Doc. 43-5927; Filed, April 16, 1943; 10:19 a. m.]

IMPORTANT NOTICE

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TITLE 30—MINERAL RESOURCES

Chapter III—Bituminous Coal Division

[Order No. 351]

PART 308—REPORTS AND RECORDS

ORDER RELIEVING DISTRICT 16 FROM FILING MONTHLY TONNAGE REPORTS

An order relieving code members within District No. 16 from filing monthly tonnage reports required by the rules and regulations prescribed by order in General Docket No. 24.

The Bituminous Coal Producers Board for District No. 16 having requested that the code members within said district be relieved from filing the monthly tonnage reports required to be filed pursuant to the rules and regulations requiring tonnage reports from code members, established by order in General Docket No. 24, dated April 7, 1942, 7 F.R. 2894, and having shown good cause why such request should be granted;

It is ordered, That § 308.26 (*Rules and regulations requiring tonnage reports from code members to facilitate the levying and collection of code assessments by district boards*) be amended to provide that the code members within District No. 16 be, and they are hereby relieved, until further order of the Division, from filing with the Statistical Bureau for District No. 16 monthly tonnage data on Form B. C. D. No. 718, with respect to coal produced on and after January 1, 1943.

(Sec. 10 (a) 50 Stat. 88, 15 U.S.C. Supp. 840 (a); sec. 2 (a) 50 Stat. 72; 15 U.S.C. 829 (a))

Dated: April 14, 1943.

[SEAL] DAN H. WHEELER, *Director.*

[F. R. Doc. 43-5930; Filed, April 16, 1943; 10:44 a. m.]

[Docket No. A-1898]

PART 330—MINIMUM PRICE SCHEDULE, DISTRICT NO. 10

ORDER GRANTING RELIEF

Order granting temporary relief and conditionally providing for final relief in the matter of the petition of District Board No. 10 for changes in shipping points, and originating railroads of certain mines in District No. 10.

An original petition, pursuant to section 4 II (d) of the Bituminous Coal Act of 1937, having been duly filed with this Division by the above-named party, requesting changes in the shipping points and originating railroads of certain mines in District No. 10; and

It appearing that a reasonable showing of necessity has been made for the granting of temporary relief in the manner hereinafter set forth; and

No petitions of intervention having been filed with the Division in the above-entitled matter; and

The following action being deemed necessary in order to effectuate the purposes of the Act;

Now, therefore, it is ordered, That, pending final disposition of the above-entitled matter, temporary relief is granted in the manner hereinafter set forth: Commencing forthwith § 330.2 (*Mine index numbers*) is hereby amended as follows:

Hurd, Illinois, is substituted for Springfield, Illinois as the shipping point for Mine Index No. 97 of the Mine "B" Coal Company. Springfield and Southwestern Railroad is substituted for Chicago, Springfield and St. Louis Railroad as the railroad upon which rail shipments of coals produced at Mine Index No. 97 shall originate.

Springfield and Southwestern Railroad Company is substituted for Chicago, Springfield and St. Louis Railroad as the railroad upon which rail shipments of coals produced at Mine Index No. 28 of Mine "B" Coal Company shall originate.

Atchison, Topeka and Santa Fe Railway is substituted for Peoria and Pekin Union Railroad as the railroad upon

which rail shipments of coals produced at Mine Index No. 819 of Pekin Coal Mining Company shall originate. Freight Origin Group No. 120 is substituted for Freight Origin Group No. 125 which was formerly assigned to this mine. A price adjustment of 24 cents per net ton shall be applicable to shipments from Mine Index No. 819 to Peoria and Pekin, Illinois.

Canton, Illinois is substituted for Norris, Illinois as a shipping point for Mine Index No. 658 of Blakely Coal Company (Wm. Blakely) and Railroad Locomotive Fuel Price Exceptions 1–F, 2–A, 6, 7, 8, 43, and 65, § 330.10 (a) (3) (*Special prices—Exceptions*) are made applicable to Mine Index No. 658.

It is further ordered, That pleadings in opposition to the original petition in the above-entitled matter and applications to stay, terminate or modify the temporary relief herein granted may be filed with the Division within forty-five (45) days from the date of this Order, pursuant to the rules and regulations governing practice and procedure before the Bituminous Coal Division in proceedings instituted pursuant to section 4 II (d) of the Bituminous Coal Act of 1937.

It is further ordered, That the relief herein granted shall become final sixty (60) days from the date of this order, unless it shall otherwise be ordered.

No order is issued concerning the requested changes in Freight Origin Groups Numbers for Mine Index Nos. 28 and 97 of Mine "B" Coal Company for the reason that a change in the name of the railroad upon which shipments of coals produced at these mines originate does not place these mines in Freight Origin Groups different from that in which they have heretofore been placed.

Dated: April 13, 1943.

[SEAL] DAN H. WHEELER, *Director.*

[F. R. Doc. 43–5928; Filed, April 16, 1943; 10:44 a. m.]

TITLE 32—NATIONAL DEFENSE

Chapter IX—War Production Board

Subchapter B—Executive Vice Chairman

AUTHORITY: Regulations in this subchapter issued under P.D. Reg. 1, as amended, 6 F.R. 6680; W.P.B. Reg. 1, 7 F.R. 561; E.O. 9024, 7 F.R. 329; E.O. 9040, 7 F.R. 527; EO. 9125, 7 F.R. 2719; sec. 2 (a), Pub. Law 671, 76th Cong., as amended by Pub. Laws 89 and 507, 77th Cong.

PART 940—RUBBER AND BALATA AND PRODUCTS AND MATERIALS OF WHICH RUBBER OR BALATA IS A COMPONENT

[Supplementary Order M–15–g, as Amended April 13, 1943 [1]]

RUBBER TIRES FOR INDUSTRIAL POWER TRUCKS

The fulfillment of the requirements for the defense of the United States has created a shortage in the supply of rubber for defense, for private account and for export, and the following order is deemed necessary and appropriate in the public interest and to promote the national defense:

§ 940.9 *Supplementary Order M–15–g*—(a) *Definitions.* For the purposes of this order:

(1) "Person" means any individual, partnership, association, business trust, corporation, governmental corporation or agency, or any organized group of persons, whether incorporated or not.

(2) "Rubber" means any kind of crude rubber, latex, reclaimed rubber, scrap rubber or synthetic rubber.

(3) "Rubber tire" means any solid or pneumatic tire or tire tube made in whole or in part of any kind of rubber and used or designed for use on any industrial power truck.

(4) "Industrial power truck" means any self-power-propelled industrial truck or wheel tractor designed primarily for handling material (either by carrying or towing) on floors or paved surfaces in and around industrial plants, warehouses, docks, shipyards, airports or depots. The term shall not include any of the following: automotive tractors; automotive trucks; wheel-type industrial tractors designed for use on taxbuilt highways, or in such operations as construction, earth-moving, mining, logging or petroleum development; or trailers designed for industrial use.

(b) *Restrictions on delivery or acquisition.* Except as permitted by paragraph (c) hereof, no person shall sell, lease, rent, deliver or otherwise transfer, or purchase, accept or otherwise acquire, any new rubber tire used or designed for use on any industrial power truck except pursuant to an authorization in writing of the War Production Board on Form PD–840 or Form PD–408: *Provided*, That no Form PD–408 shall be used to acquire any such tire unless such form is an individual or interim form which covers only the tire or tires which are needed for one or more industrial power trucks referred to therein. Each application filed pursuant hereto on Form PD–840 or Form PD–408 shall contain or be accompanied by a statement certifying that each tire covered by such application is needed for replacement purposes within thirty days from the delivery date specified in such application.

No such tire which is permanently mounted on or affixed to a base band made of iron, steel or any other metal shall be delivered for replacement purposes pursuant to this paragraph (b) unless (1) there is delivered to the person supplying such replacement tire a metal base band of comparable size, or (2) said tire is mounted on or affixed to a base band which was furnished by the person acquiring said tire.

(c) *Exceptions.* The provisions of paragraph (b) of this order shall not apply to the sale, lease, renting, delivery or transfer or purchase, acceptance or acquisition of any new rubber tire used or designed for use on any industrial power truck:

(1) *Exemption of certain orders.* When such tire is purchased or acquired by or for the account of:

(i) The Army or Navy of the United States, the United States Maritime Commission, Panama Canal, Coast and Geodetic Survey, Coast Guard, Civil Aeronautics Authority, National Advisory Committee for Aeronautics or Office of Scientific Research and Development;

(ii) Any agency of the United States where such tire is to be delivered to or for the account of any foreign country under the provisions of the Act of March 11, 1941 entitled "An Act to Promote the Defense of the United States" (Lend-Lease Act).

(2) *Original equipment.* When such tire is purchased or acquired to equip any new industrial power truck, manufactured or delivered under the provisions of Limitation Order L–112 (§ 1210.1), as amended from time to time (including any such vehicles manufactured or delivered under appeal from said Limitation Order L–112): *Provided*, That no person shall purchase, receive or otherwise acquire any new rubber tires to be used as original equipment on new industrial power trucks in quantities which will result in such person having an inventory of rubber tires held for such purpose in excess of his requirements for thirty days.

(3) *Tire distributors and vehicle manufacturers.* When any such tires are acquired for resale to others by

(i) Any person (other than a manufacturer of tires for industrial power trucks) who, during the calendar year 1941, was regularly engaged in the business of furnishing new rubber tires for industrial power trucks for replacement purposes and who, while engaged in such business, maintained during the greater part of the calendar year 1941, an inventory of not less than twenty tires for such purpose, or

(ii) Any person who is a manufacturer of industrial power trucks and who also engages in the business of furnishing to others new rubber tires for industrial power trucks for replacement purposes.

Provided, however, That no person shall purchase, receive or otherwise acquire for resale to others as replacement tires any new rubber tires pursuant to this subparagraph (3) in quantities which will result in such person having an inventory of rubber tires held for such purpose in excess of his anticipated orders for the ensuing thirty days; and no such person shall dispose of any such tires from his inventories except in accordance with paragraphs (b), (c) (1), (c) (2) or (c) (4) of this order.

(4) When such purchase or acquisition is authorized by a Preference Rating Certificate PD–1A issued prior to May 1, 1943, assigning a preference rating A–1–a or higher.

(d) *Restriction on destruction of metal base bands.* No person shall knowingly destroy or damage any metal base band designed for an industrial power truck tire if such base band is still usable for mounting or affixing any such tire.

(e) *Miscellaneous provisions*—(1) *Applicability of regulations.* This order and all transactions affected thereby are subject to all applicable regulations of the War Production Board, as amended from time to time.

[1] This document is a re-statement of amendment 1 to M–15–g as amended April 12, 1943, which appeared in the FEDERAL REGISTER of April 15, 1943, page 4878, and reflects the order in its completed form as of April 13, 1943.

(2) *Reports.* All persons affected by this order shall prepare and file such reports and questionnaires as may from time to time be requested by the War Production Board or the Rubber Director.

(3) *Audit and inspection.* All records required to be kept by this order or by any priorities regulation of the War Production Board shall, upon request, be submitted to audit and inspection by a duly authorized representative of the War Production Board.

(4) *Violations.* Any person who wilfully violates any provision of this order, or who, in connection with this order, wilfully conceals a material fact or furnishes false information to any department or agency of the United States is guilty of a crime, and upon conviction may be punished by fine or imprisonment. In addition, any such person may be prohibited from making or obtaining further deliveries of, or from processing or using, material under priority control and may be deprived of priorities assistance.

(5) *Appeals.* Any appeal from the provision of this order shall be made by filing a letter in triplicate, referring to the particular provision appealed from and stating fully the grounds of appeal.

(6) *Communications.* All communications concerning this order shall, unless otherwise directed, be addressed to: War Production Board, Office of Rubber Director, Washington, D. C.: Ref. M–15–g.

Issued his 13th day of April 1943.

WAR PRODUCTION BOARD,
By J. JOSEPH WHELAN,
Recording Secretary.

[F. R. Doc. 43–5921; Filed, April 15, 1943; 5:00 p. m.]

PART 1010—SUSPENSION ORDERS

[Suspension Order S–229,[1] Amendment 1]

FRANKLIN A. FELTY

Franklin A. Felty, 486 W. Columbia Street, Schuylkill Haven, Pennsylvania, has appealed from the provisions of Suspension Order S–229, issued February 3, 1943. After a review of the case it has been determined that the appeal be denied but that Suspension Order S–229 be modified so as to expire at an earlier date than now specified.

In view of the foregoing, paragraph (d) of § 1010.229, Suspension Order S–229, issued February 3, 1943, is hereby amended to read as follows:

(d) This order shall take effect on February 1, 1943, and shall expire on April 30, 1943, at which time the restrictions contained in this order shall be of no further effect.

Issued this 15th day of April 1943.

WAR PRODUCTION BOARD,
By J. JOSEPH WHELAN,
Recording Secretary.

[F. R. Doc. 43–5922; Filed, April 15, 1943; 5:00 p. m.]

[1] 8 F.R. 1617.

PART 1066—MOTORIZED FIRE APPARATUS

[General Limitation Order L–43, as Amended April 16, 1943]

Section 1066.1 *General Limitation Order L–43* is amended to read as follows:

The fulfillment of requirements for the defense of the United States has created a shortage in the supply of the materials entering into the manufacture of motorized fire apparatus for defense, for private account and for export; and the following order is deemed necessary and appropriate in the public interest and to promote the national defense:

§ 1066.1 *General Limitation Order L–43*—(a) *Definitions.* For the purposes of this order:

(1) "Motorized fire apparatus" means self-propelled motorized fire apparatus and auxiliary pumping units of fire apparatus, and includes accessories therefor and equipment thereon. The term shall include both new and used apparatus, but shall not include parts or materials for the repair or maintenance of existing apparatus.

(2) "Sedan" means self-propelled motorized fire apparatus of which more than 50% of the area behind the windshield is enclosed.

(3) "Service ladder truck" means self-propelled motorized fire apparatus on which the equipment carried consists of service or ground ladders, miscellaneous equipment, and tools.

(4) "Squad car" means self-propelled motorized fire apparatus designed to carry men.

(5) "Salvage car" means self-propelled motorized fire apparatus designed to carry canvas covers, life nets, and similar equipment.

(6) "Rescue car" means self-propelled motorized fire apparatus designed to carry first aid equipment.

(7) "Hose truck" means self-propelled motorized fire apparatus designed to carry fire hose.

(8) "Pumper" means self-propelled motorized fire apparatus carrying a booster tank, a pump, and hose, which is designed primarily to pump water from sources other than its own booster tank.

(9) "Tank truck" means self-propelled motorized fire apparatus carrying a water tank, a pump, and hose, which is designed primarily to pump water from its own water tank rather than from outside sources. The term shall include, but not by way of limitation, so-called "crash trucks".

(10) "Aerial ladder truck" means self-propelled motorized fire apparatus on the chassis of which are combined (i) an aerial ladder, (ii) a complement of service or ground ladders, (iii) fire hose, (iv) a booster tank, and (v) a pump. An aerial ladder truck may also carry miscellaneous equipment.

(11) "Auxiliary pumping unit" means fire apparatus consisting of a pump mounted on the front, side, or other part of a self-propelled vehicle, or a pump and motor mounted on a trailer, skid or other type of support.

(12) "Copper base alloy" means any alloy in the composition of which the weight of copper equals or exceeds 40 per cent of the weight of all metal in the alloy.

(13) "Specification of the War Production Board" means the specification for 500 and 750 g. p. m. pumpers on file at the offices of the Safety and Technical Equipment Division of the War Production Board, Washington, D. C. (Copies of this specification may be obtained by addressing a communication to the address indicated in paragraph (k) of this order.)

(14) "Manufacturer" means any person engaged in the business of manufacturing, fabricating or assembling motorized fire apparatus.

(15) "Distributor" means any person engaged in the business of purchasing and reselling motorized fire apparatus without further fabrication of such apparatus.

(16) "Person" means any individual, partnership, association, business trust, corporation, governmental corporation or agency or any organized group of persons, whether incorporated or not.

(b) *Restrictions on manufacture of motorized fire apparatus.* Except as permitted by paragraph (c) of this order, no manufacturer shall take any action to commence, continue or complete the manufacture of:

(1) Any sedan, service ladder truck, squad car, salvage car, rescue car, or hose truck;

(2) Any chassis for use in connection with a pumper carrying a centrifugal pump of 500 g. p. m. capacity, as rated by the National Board of Fire Underwriters, unless such pumper is being manufactured for delivery to or for the account of the Navy of the United States, Lend-Lease, or any person to whom an export license covering the specific equipment has been issued by the Board of Economic Warfare;

(3) Any 1½ ton chassis for use in connection with a tank truck, unless such tank truck is being manufactured for delivery to or for the account of the Navy of the United States or Lend-Lease;

(4) Any pumper except the following types:

(i) Pumpers which carry centrifugal pumps of either 500 or 750 g. p. m. capacities, as rated by the National Board of Fire Underwriters, and which conform to the "Specification of the War Production Board", and

(ii) Pumpers which carry centrifugal pumps of 1250 g. p. m. capacity, as rated by the National Board of Fire Underwriters: *Provided, however,* That the manufacture of such pumpers shall not be commenced until the specifications therefor have been submitted to the War Production Board and have been specifically approved by the War Production Board;

(5) Any tank truck except one having a pump capacity of not more than 400 g. p. m. and carrying a water tank of a capacity of 500 gallons or more, *Provided, however,* That the restrictions set forth in this subparagraph (5) shall not apply to the manufacture of tank trucks for delivery to or for the account of the Army or Navy of the United States or Lend-Lease;

(6) Any aerial ladder truck except one carrying

(i) An extension ladder of 65 feet or 85 feet in length;

(ii) Not more than 500 feet of 2½ inch fire hose;

(iii) A booster tank of not less than 100 gallons nor more than 200 gallon capacity; and

(iv) A pump having a capacity of not more than 100 g. p. m.

(c) *Exceptions.* (1) Notwithstanding the restrictions set forth in paragraph (b) of this order, any motorized fire apparatus in the process of manufacture on April 16, 1943, may be completed to fill purchase orders bearing preference ratings which had been assigned to the person placing the order prior to April 16, 1943. Deliveries of such apparatus may be made and accepted without further authorization under paragraph (e) (5) (iii) of this order.

(2) The provisions of paragraphs (b) (2) and (b) (3) of this order shall not be construed to prohibit any alteration or further fabrication of chassis which have been obtained under the provisions of General Conservation Order M–100.

(d) *Restrictions on use of materials in motorized fire apparatus.* Except as specifically authorized by the War Production Board, no manufacturer shall incorporate in the manufacture of any motorized fire apparatus, or of component parts thereof, any aluminum, copper, copper base alloy, nickel, chromium, cadmium, tin, zinc, alloy steel, carbon steel, or synthetic rubber, except to the extent permitted in Appendix A, attached to this order.

(e) *Restrictions on sale and delivery of motorized fire apparatus.* (1) No manufacturer or distributor shall install a bell containing any metal other than steel on any motorized fire apparatus, and no person shall sell or deliver any such bell which he knows or has reason to believe will be used in connection with motorized fire apparatus;

(2) No manufacturer or distributor shall install any new or used rubber tires on any auxiliary pumping unit, and no person shall sell or deliver any new or used rubber tires which he knows or has reason to believe will be used on an auxiliary pumping unit, except to fill "War Orders" as defined in General Limitation Order M–15–b.

(3) No manufacturer or distributor shall sell, deliver, or otherwise supply:

(i) Any accessories or equipment for use in connection with motorized fire apparatus other than the types and kinds permitted for pumpers by paragraph D–20 of the "Specification of the War Production Board".

(ii) Any intercooler for use in connection with any auxiliary pumping unit.

(iii) Any tachometer or ground shifting mechanism for use in connection with motorized fire apparatus, except tachometers and ground shifting mechanisms which were completed and in the possession of manufacturers or distributors on April 16, 1943.

(4) No person shall sell or deliver any suction hose for use in connection with motorized fire apparatus except to fill purchase orders bearing preference ratings of A–9 or higher;

(5) Subject to the further restrictions contained in paragraph (g) of this order, no person shall sell or deliver any pumper, tank truck, aerial ladder truck, or auxiliary pumping unit, except to or for the account of:

(i) The Army or Navy of the United States:

(ii) Any agency of the United States Government for delivery to or for the account of the government of any country pursuant to the Act of March 11, 1941, entitled, "An Act to Promote the Defense of the United States" (Lend-Lease Act); or

(iii) Any other person who has been authorized by the War Production Board on Form PD–556 to receive the specific motorized fire apparatus and has delivered to his supplier a copy of such form signed in the name of the War Production Board.

(6) No person shall purchase or accept delivery of any material if he knows or has reason to believe that the sale or delivery of such material is prohibited by the terms of subparagraphs (1), (2), (3), (4) or (5) of this paragraph (e).

(f) *Authorizations on Form PD–556.* (1) Each person seeking authorization under paragraph (e) (5) (iii) of this order to receive any pumper, aerial ladder truck, tank truck, or auxiliary pumping unit shall prepare Form PD–556 in quintuplicate (copies of which form may be obtained at the local offices of the War Production Board) in the manner prescribed therein, subject to the following instructions:

(i) The form should be filed only by the person (transferee) desiring to receive the specified motorized fire apparatus and not by the person (transferor) desiring to make delivery of such apparatus.

(ii) In describing the apparatus for which application is made, give the type, size, manufacturer's name and any other pertinent descriptive material. Do not fill in columns (b) and (c) of table II.

(iii) Do not fill in sections (6), (7) and (8) of table III.

(iv) Under section (5) of table III state in detail the reasons why the apparatus applied for is needed at this time. (The application cannot be processed unless a full statement is made on this subject.)

(2) Any authorization by the War Production Board on Form PD–556 may be granted subject to any conditions which the War Production Board deems necessary. Such conditions may include the requirement that a different size or type of apparatus be obtained, or any other condition. The War Production Board may also assign a preference rating on Form PD–556 if such rating is deemed necessary.

(g) *Production and shipping schedules and restrictions thereon.* On or before April 26, 1943, and on or before the 15th day of each succeeding calendar month, each manufacturer of motorized fire apparatus shall file with the War Production Board in triplicate on Form PD–774 his proposed production and shipping schedules of motorized fire apparatus for such period as production and shipping may be planned. Upon receipt of such form, the War Production Board will approve or disapprove the proposed production and shipping schedule, or make such changes therein as it shall deem necessary, and will thereupon return to the manufacturer a copy of such form as approved or changed. Notwithstanding any preference rating which any order may bear or any rule or regulation of the War Production Board, each manufacturer shall produce and ship motorized fire apparatus in accordance with his production and shipping schedules as approved or changed by the War Production Board.

(h) *Violations.* Any person who wilfully violates any provision of this order, or who, in connection with this order, wilfully conceals a material fact or furnishes false information to any department or agency of the United States is guilty of a crime and upon conviction may be punished by fine or imprisonment. In addition, any such person may be prohibited from making or obtaining further deliveries of, or from processing or using, material under priority control and may be deprived of priorities assistance.

(i) *Appeals.* Any appeal from the provisions of this order shall be made by filing a letter in triplicate, referring to the particular provision appealed from and stating fully the grounds of the appeal.

(j) *Applicability of regulations.* This order and all transactions affected thereby are subject to all applicable regulations of the War Production Board, as amended from time to time.

(k) *Correspondence.* Reports to be filed and other communications concerning this order shall be addressed to the War Production Board, Safety and Technical Equipment Division, Washington, D. C., Ref: L–43.

Issued this 16th day of April 1943.

WAR PRODUCTION BOARD,
By J. JOSEPH WHELAN,
Recording Secretary.

APPENDIX A

In accordance with paragraph (d) of this order, the following materials may be incorporated in the manufacture of motorized fire apparatus, or of component parts thereof, to the extent indicated below, unless any of the uses specified herein shall conflict with the provisions of any other limitation ("L") or conservation ("M") order, in which case the more restrictive order shall control:

(1) Alloy steel containing chromium, in relief valves and seats and highly stressed steel parts, including axles, shafts and gears, to the extent allowed by the National Emergency Steel Specifications; in engine exhaust valves to the extent permitted by Limitation Order L–128; in pump shafts not exceeding 14%;

(2) Alloy steel containing nickel, in piston pins for engines over 125 horsepower and in heavy duty gears, to the extent allowed by the National Emergency Steel Specifications; and in engine exhaust valves to the extent permitted by Limitation Order L–128;

(3) Aluminum, as authorized in accordance with the provisions of Order M–1–l;

(4) Carbon steel, to the extent essential to the efficient functioning of the parts;

(5) Chromium, in alloy steel as permitted under paragraph (1) of this Appendix A; and in plating to the extent essential to the efficient functioning of the parts plated;

(6) Copper or copper base alloy (of the lowest type and grade which is practical for the particular application), in automotive parts to the extent permitted by Limitation Order L–106; and copper base alloy (of the lowest type and grade which is practical for the particular application), in suction tube caps; discharge valve caps; valves (not including the handles); relief valves; impellers, rings and rotors; and in swivels and rollers in suction hose couplings;

(7) Synthetic rubber, in valve packing, pump packing, hydraulic hose lines and fuel pump lines;

(8) Tin, in copper base alloys (where no tin-free alloy can be used); and in solders and babbitts to the extent permitted by Preference Order M–43;

(9) Zinc, in carburetors, fuel pumps, speedometers, and windshield wipers; in plating to the extent essential to the efficient functioning of the parts plated; and for protection of ferrous parts substituted for nonferrous parts.

[F. R. Doc. 43–5935; Filed, April 16, 1943; 11:18 a. m.]

PART 3223—OSMIUM

[Conservation Order M–302, as Amended April 16, 1943]

Section 3223.1 *Conservation Order M–302* is hereby amended to read as follows:

(a) *Definitions.* For the purposes of this order:

(1) "Osmium" means the element osmium in commercially pure form, or the osmium content of any osmium-containing material containing 0.5 percent or more of osmium metal by weight, other than an osmium alloy, whether or not such material is first converted into osmium metal. The term includes mixtures and compounds. Natural osmiridium is deemed to be an osmium bearing material and not an osmium alloy.

(2) "Osmium alloy" means any alloy containing 0.5 percent or more of osmium metal by weight.

(3) "Process" means to fabricate, assemble, alloy, mix, melt, cast, extrude, roll, turn, spin, or otherwise shape, but does not include the smelting or refining of osmium ore or scrap for the production of sponge metal.

(4) "Put into process" means the first change by a consumer in the form, shape, or size of material from that in which it is received by him.

(5) "Supplier" means any person who sells or offers for sale, or who delivers, osmium or osmium alloys to consumers.

(6) "Consumer" means any person who uses osmium or any osmium alloy by incorporating it physically or chemically in the products or parts thereof which he manufactures, or who uses or consumes osmium or any osmium alloy in any manufacturing, laboratory, testing, plating, or repairing process.

(7) "Implements of war" means combat end products, complete for tactical operations (including, but not limited to, aircraft, ammunition, armament, weapons, ships, tanks, and military vehicles), and any parts, assemblies, and materials to be incorporated in any of the foregoing items which are produced for the Army or the Navy of the United States, the Maritime Commission, the War Shipping Administration, or for any foreign government pursuant to the act approved March 11, 1941, entitled "An Act to Promote the Defense of the United States" (Lend-Lease Act), where the use of any osmium or osmium alloys to the extent employed is required by the latest issue of government specifications (including performance specifications unless otherwise directed by the War Production Board) applicable to the contract, subcontract, or purchase order. The term does not include facilities or equipment used to manufacture the foregoing items.

(b) *Restrictions on use of osmium.* On and after April 16, 1943, no person shall put into process or process any osmium, exclusive of an osmium alloy, except for the purpose of manufacturing or alloying an osmium alloy for use in implements of war.

(c) *Restrictions on use of osmium alloys manufactured or alloyed prior to April 16, 1943.* On and after April 16, 1943, except for use in implements of war, no person shall put into process any osmium alloy manufactured or alloyed prior to April 16, 1943, in any calendar quarter in excess of ⅛ of the aggregate amount by weight of all osmium alloys put into process by him for all uses during the calendar year 1941.

(d) *Restrictions on use of osmium alloys manufactured or alloyed on or after April 16, 1943.* On and after April 16, 1943, no person shall put into process or process any osmium alloy manufactured or alloyed on or after April 16, 1943, except for use in implements of war.

(e) *Prohibitions against sales or deliveries.* No person shall sell or deliver any osmium or osmium-containing material or osmium alloy or products thereof in the form of raw materials, semi-processed materials, finished parts, or sub-assemblies to any person if he knows or has reason to believe such material or product thereof is to be used in violation of the terms of this order.

(f) *Limitation on inventories.* No consumer shall receive delivery of any osmium, osmium-containing material, osmium alloy, or products thereof in the form of raw materials, semi-processed materials, finished parts or sub-assemblies, nor shall he put into process any raw material in quantities which in either case shall result in an inventory of raw, semi-processed, or finished material in excess of a minimum practicable working inventory, taking into consideration the limitations placed upon the use of osmium, osmium-containing material, osmium alloy, or products thereof, by this order.

(g) *Reports* — (1) *Monthly report.* Each supplier, each consumer, and each person owning in any month stocks of osmium or osmium alloy not incorporated in finished items or parts thereof shall file Form PD–846 with the War Production Board on or before the 15th day of the following month.

(2) *One time report.* Each supplier and each consumer of osmium alloy, and each person owning on April 16, 1943, stocks of osmium alloy not incorporated in finished items or parts thereof shall file Form PD–848 with the War Production Board on or before May 30, 1943.

(h) *Miscellaneous provisions* — (1) *Appeal.* Any appeal from the provisions of this order shall be made by filing a letter in triplicate, referring to the particular provision appealed from and stating fully the grounds of the appeal.

(2) *Applicability of order.* The prohibitions and restrictions contained in this order shall apply to the use of osmium and osmium alloy in all items manufactured after April 16, 1943, irrespective of whether such items are manufactured pursuant to a contract made prior or subsequent to such date. Insofar as any other order of the War Production Board may have the effect of limiting or curtailing to a greater extent than herein provided, the use of osmium or osmium alloys in the production of any item, the limitations of such other order shall be observed.

(3) *Applicability of regulations.* This order and all transactions affected thereby are subject to all applicable regulations of the War Production Board, as amended from time to time.

(4) *Communications to War Production Board.* All reports required to be filed hereunder, and all communications concerning this order, shall, unless otherwise directed, be addressed to: War Production Board, Miscellaneous Minerals Division, Washington, D. C. Ref.: M–302.

(5) *Violations.* Any person who wilfully violates any provision of this order, or who, in connection with this order, wilfully conceals a material fact or furnishes false information to any department or agency of the United States is guilty of a crime, and upon conviction may be punished by fine or imprisonment. In addition, any such person may be prohibited from making or obtaining further deliveries of, or from processing or using, material under priority control and may be deprived of priorities assistance.

Issued this 16th day of April 1943.

WAR PRODUCTION BOARD,
By J. JOSEPH WHELAN,
Recording Secretary.

[F. R. Doc. 43–5934; Filed, April 16, 1943; 11:18 a. m.]

Chapter XI—Office of Price Administration

PART 1381—SOFTWOOD LUMBER

[Rev. MPR 219]

NORTHEASTERN SOFTWOOD LUMBER

Maximum Price Regulation 219 is amended to read as follows:

Preamble: This revision of the Northeastern softwood lumber regulation is designed to provide dollars-and-cents prices for all species of Northeastern softwood lumber, whether domestic or

imported, in both standard and special grades or items. In the judgment of the Price Administrator, the maximum prices established by this regulation are and will be generally fair and equitable and will effectuate the purposes of the Emergency Price Control Act of 1942, as amended. A statement of the considerations involved in the issuance of this regulation has been issued simultaneously herewith and filed with the Division of the Federal Register.*

§ 1381.301 *Maximum prices for Northeastern softwood lumber.* Under the authority vested in the Price Administrator by the Emergency Price Control Act of 1942, as amended, and Executive Order No. 9250, Revised Maximum Price Regulation No. 219 (Northeastern Softwood Lumber), which is annexed hereto and made a part hereof, is hereby issued.

AUTHORITY: § 1381.301, issued under Pub. Laws 421 and 729, 77th Cong.; E.O. 9250, 7 F.R. 7871.

REVISED MAXIMUM PRICE REGULATION NO. 219—NORTHEASTERN SOFTWOOD LUMBER

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ARTICLE I—PROHIBITION AND SCOPE OF REGULATION

SECTION 1 *Over-ceiling prices prohibited*—(a) On and after April 21, 1943, regardless of any contract or other obligation, no person shall sell or deliver, and no person shall buy in the course of trade or business, any Northeastern softwood lumber for direct mill shipment at prices higher than the maximum prices fixed by this regulation, and no person shall agree, offer, or attempt to do any of these things.

SEC. 2 *Less than maximum prices.* Prices lower than the maximum prices may, of course, be charged and paid.

SEC. 3 *Lumber in transit.* If lumber has been received before April 21, 1943, by a carrier, other than one owned or controlled by the seller, for shipment to a buyer, that shipment is not subject to this regulation. It remains subject to the terms of any regulation, whether the General Maximum Price Regulation or an earlier version of this regulation, which covered it at the time the lumber was turned over to the carrier.

SEC. 4 *What transactions are covered*—(a) This regulation covers, under the name of sales for "direct-mill shipment", all sales of Northeastern softwood lumber, no matter who the seller is and regardless of the quantity involved, except sales of Northeastern softwood lumber which was part of the regular stock of a "distribution yard" at the time the sale was made.

(b) The term "distribution yard" means an establishment which meets all of the following tests:

(1) It sells substantially all of the lumber of all species handled through its yard in the same size, and condition of dressing, in which received. However, as to sales of Northeastern softwood lumber, a yard located in the Northeastern area will be considered to meet this test if it receives in rough form and processes by sawing or planing less than 30 percent of its Northeastern softwood lumber. If the yard receives in rough form and processes by sawing or planing 30 percent or more of its Northeastern softwood lumber, it cannot be considered a distribution yard for the purposes of this regulation, although it may be considered a distribution yard for other species and lumber products if it qualifies as such under the terms of the regulations governing the particular product.

(2) It sells 51 percent or more of the lumber handled through the yard in quantities of 18,000 board feet or less.

(3) It maintains permanent stocks of different species of lumber from different regions (such as Northeastern white pine, Eastern hemlock, Southern pine, Douglas fir, Ponderosa pine, etc.), in various lengths, grades, and sizes, and of lumber products (such as millwork, plywood, shingles, etc.).

(4) It maintains a storage yard, offices, yard help, and a sales force, for the handling and sale of its stocks.

(5) It is prepared to make prompt deliveries by truck of lumber and lumber products out of its yard stock, in both small and large quantities.

(6) It does not manufacture lumber from logs.

(7) It is located in a lumber consuming area.

(c) An establishment will be considered a distribution yard only if it met *all* of the above tests *both* during the single calendar month and the period of six calendar months immediately preceding the transaction in question. For example, if the date of the transaction is June 10, the percentage of processing and other tests must be based both upon the month of May and upon the period of December through May.

(d) "CPA yards", as defined in Maximum Price Regulation 215, are considered distribution yards regardless of the above requirements.

SEC. 5 *What products are covered*—(a) This regulation covers all items of Northeastern softwood lumber whether the item is specifically named in the price tables or not.

(b) This regulation covers, under the name of "Northeastern softwood lumber", the following softwood lumber produced in the States of Maine, New Hampshire, Vermont, Connecticut, Massachusetts, Rhode Island, New York and Pennsylvania, and in that part of the Dominion of Canada located east of the 85th meridian: Northeastern white pine (Pinus strobus), Norway pine (Pinus resinosa), Eastern hemlock (Tsuga canadensis), Eastern spruce (Picea rubra, Picea mariana, and Picea glauca), Eastern white cedar (Thuja occidentalis), and Jack pine (Pinus banksiana).

SEC. 6 *What persons are covered.* Any person who makes the kind of sale or purchase described above, for himself or others, is subject to this regulation. The term "person" includes an individual, corporation, partnership, association, or any other organized group; their legal successors or representatives; the United States, or any government, or any of their political subdivisions, or any agencies of the foregoing

SEC. 7 *Relation to other regulations*—(a) *General Maximum Price Regulation.*[1] Any sale or delivery covered by Revised

*Copies may be obtained from the Office of Price Administration.

[1] 8 F.R. 3096, 3849, 4347.

Maximum Price Regulation 219 is not subject to the General Maximum Price Regulation.

(b) *Revised Maximum Export Price Regulation.*[2] The maximum price for export sales of Northeastern softwood lumber is governed by the Revised Maximum Export Price Regulation.

ART. II—HOW TO FIGURE MAXIMUM F. O. B. MILL AND DELIVERED PRICES

SEC. 8 *Basic prices.* The maximum f. o. b. mill prices for domestic Northeastern softwood lumber are set forth in Appendices A, B, C, D, and E. The maximum base prices for imported Northeastern softwood lumber are set forth in Appendices A, C, D, and F, and the transportation charges provided in these Appendices shall be added to arrive at the maximum delivered prices to points within the United States.

SEC. 9 *Deductions for cash.* If cash is paid, the maximum price must be reduced by the seller's August, 1941, cash discount. For example, if this discount was 2% and the maximum price without cash discount is $30, the maximum price when cash is paid is $29.40. Exception: on specific written allocations issued by the Office of the Chief of Engineers, War Department, the terms 30 days net may be used by the seller regardless of his established practice.

SEC. 10 *Addition for "direct mill retail sales".* In the case of sales of less than 2,500 feet to any buyer except mills or distribution yards, a handling charge of $5.00 per M board feet may be added to the f. o. b. mill price, together with a percentage mark-up of 10% of the total so obtained, provided the seller expressly agrees:

(a) To see that the lumber is delivered to the job site or buyer's plant at such time and in such quantities as the buyer specifies;

(b) To give the buyer the privilege of exchanging the lumber and returning unused material;

(c) To make good any shortage from stocks kept on hand for this purpose. The size of the sale is determined by the over-all amount involved in the transaction. Thus, if the buyer and seller know that a particular shipment will run to 10,000 feet, the addition may not be made even if the order is broken into five orders of 2,000 feet and delivered on five different days in loads of 2,000 feet.

SEC. 11 *Transportation additions: domestic*—(a) *Private truck.* Where a domestic shipment is exclusively by motor vehicle owned or controlled by the seller, the addition to the f. o. b. mill prices for transportation may be no greater than the actual cost to the seller of delivery by motor vehicle; and in no event shall the charge exceed the rail carload rate for the most nearly comparable haul applied to the quantity actually shipped.

(b) *Common or contract carrier.* For common or contract carrier shipments, the maximum transportation addition shall be either the rate times the estimated weights in the Appendices, or the actual amount paid to the carrier.

(c) *Truck delivery after rail haul.* Where the shipment is by rail followed by truck delivery, the amount added for transportation may include in addition to the amount added for rail transportation, the actual cost of truck delivery.

(d) *Trucking to rails.* Where a truck haul precedes the rail haul, as where a mill located away from a railhead hauls lumber by truck to the railhead, no addition may be made for the truck haul. The seller may apply to the Lumber Branch of the Office of Price Administration for an exception if he can demonstrate that a separate and identifiable charge for the truck haul was customarily made by the seller during the year 1941.

(e) *Transportation to planing mill.* Where the lumber is shipped by rail from a mill having milling-in-transit arrangements with a carrier to a planing mill, owned by the same person, for further processing before delivery to the purchaser, that person may apply for permission to figure transportation charges on the basis of the through rail freight rate from the first mill to final destination in the following case:

(1) Where the hurricane of September, 1938, damaged and destroyed a substantial portion of the timber near which the planing mill had been located so that the mill has been compelled to rely primarily on more distant sources of timber; and

(2) Where it has not been practicable to move the planing mill near other sources of timber because of excessive moving costs, shortages of mill labor and insufficient standing timber in any single location to warrant moving the mill.

The application should be made by letter to the Lumber Branch, of the Office of Price Administration, Washington, D. C., and may be acted upon by letter. The addition may not be made on quotations or sales until permission has been received.

SEC. 12 *Transportation additions: imported lumber.* In the case of sales of imported lumber the transportation charges that may be added to the maximum basic prices are specifically set forth in the various Appendices dealing with imported Northeastern softwood lumber.

SEC. 13 *"Evening-out".* When estimated weights are used, delivered prices shall be evened out to the nearest quarter of a dollar per MBM.

ARTICLE III—SPECIFIC DUTIES AND PROHIBITED PRACTICES

SEC. 14 *What the invoice must contain*—(a) *General.* Because of the large number of possible additions to the basic maximum prices, it is necessary that some of them be separately shown on the invoice. Otherwise the purchaser and the Office of Price Administration could not tell in many cases whether a price which appeared to be above the ceiling was legal or not. Failure to invoice properly is just as much a violation of this regulation as charging an excessive price.

(b) *Basic price.* All invoices must contain a complete description of the lumber to show whether the price is proper or not. Any working, specification, or extra which affects the maximum price must be mentioned in the description. The amount added for these does not have to be separately shown.

(c) *Transportation charges.* In delivered sales, the invoice must contain the:

(1) Point of origin of shipment;

(2) Destination;

(3) Rail rate, (if estimated weights are used; otherwise the actual amount added for transportation); and in the case of the sales of imported lumber, the method of calculation of the freight addition;

(4) The words "direct-mill shipment".

(d) *Delivery and related charges.* Any separate charge which the seller is permitted to make for truck delivery after rail haul, or for trucking to railhead, must be separately shown on the invoice.

(e) *Direct-mill retail sales.* If the price exceeds the basic mill price because of the "direct-mill retail sale" mark-up authorized in section 10, the invoice should show the amount of the mark-up separately labeled "Direct-mill retail sale".

(f) *Average price on different items.* When specific amounts of different grades or classes or sizes of lumber are quoted at an average price, it is permissible to quote at an average price, but only if all of the following conditions are met:

(1) The footage of each item must be shown separately, and a piece tally must be furnished for each shipment.

(2) The average price for the lumber actually shipped must not be higher than it would have been if all the individual grades, classes and sizes shipped had been sold separately at the individual ceiling prices.

(3) If the order is shipped in more than a single carload, truckload, or boat shipment the following invoicing and charging practices must also be followed:

(i) The invoice must show that it is part of a larger order and identify the order. It must also show the individual ceiling prices for the various items of lumber actually contained in each shipment, and the average selling price agreed upon.

(ii) The charges which may be made and collected on account for each shipment must not exceed the average price agreed upon or the total of the ceiling prices for the items in the particular shipment, whichever is the lower. Thus, if an average price was quoted on widths from 4" to 12", and if a car of all 4" was shipped, only the 4" price can be charged and collected on that car. But if a car of all 12" widths was shipped, only the average price quoted could be charged on that car.

(iii) Upon completion of the order, the seller must render a final invoice showing the quantity of each shipment or deliv-

[2] 7 F.R. 5059, 7242, 8829, 9000, 10530; 8 F.R. 3846.

ery, the freight charge for each if sold on a delivered basis, the amount received on account, the total amount due on the order at the agreed average prices, and a reconciliation of the total amount so computed with the maximum prices permitted by this regulation. Final payment and all necessary adjustments between buyer and seller are to be made upon the basis of the final reconciliation.

(g) *Different freight rates.* When a single order, for which a single flat delivered price was quoted and accepted, is shipped from two or more mills to a single destination on varying freight rates, the seller may average-out the transportation charges. For example, if a wholesaler bids $33.00 per MBM on a single order of a hundred thousand feet of lumber, the ceiling price being $30.00 per MBM and the estimated freight $3.00, he can ship half of it on a rate resulting in a $2.00 freight charge and half on a rate resulting in a $4.00 freight charge. Where this practice is adopted, the seller must observe all of the following conditions:

(1) Each invoice must state that the particular shipment is part of a larger order and identify the order. It must also show the individual rates for each shipment or delivery.

(2) The transportation charges which may be made and collected for each shipment or delivery, on account, must not exceed the average transportation charge figured on the entire order or the actual transportation charge for the particular shipment based upon the permitted estimated weights, whichever is the lower.

(3) Upon completion of the order the seller must render a final invoice showing the individual f. o. b. mill prices separately, the amount shipped from each mill, the freight charge for each shipment, and a reconciliation of the total amount so computed with the agreed delivered selling prices and also with the maximum prices permitted by this regulation. In the event that the sale was made at an average price for different grades, classes or sizes of lumber as well as an averaging-out of transportation charges, the provisions of (f) above shall also be observed. Final payment and all necessary adjustments between buyer and seller are to be made upon the final reconciliation.

SEC. 15 *Records.* All sellers of Northeastern softwood lumber must keep records which show a complete description of items of lumber sold, the name and address of the buyer, the date of the sale and the price. Buyers must keep similar records, including the name and address of the seller. These records must be kept for any month in which the seller or buyer sold or bought 5,000 feet board measure or more of Northeastern softwood lumber. They must be kept for two years for inspection by the Office of Price Administration. Any records which the Office of Price Administration later requires must also be kept.

SEC. 16 *Prohibited practices*—(a) *General.* Any practice which is a device to get the effect of a higher than ceiling price without actually raising the dollars-and-cents price is as much a violation of this Regulation as an outright over-ceiling price.

(b) *Specific practices.* The following are some of the specific practices prohibited.

(1 Getting the effect of a higher price by changing credit practices from what they were in August 1941. This includes decreasing credit periods or making greater charges for extension of credit. In any case, on sales made through the Office of the Chief of Engineers, War Department, terms of 30 days net may be used.

(2) Refusing, without good reason, to ship except in specified or restricted random lengths, or in mixed cars, or under other circumstances which bring the seller an extra return.

(3) Selling as specified lengths or widths a shipment of lumber which is substantially equivalent to standard or random lengths or widths; or reselling as specified lengths or widths a shipment bought by the seller as standard or random lengths or widths.

(4) Grading as a special grade lumber which can be graded as a standard grade; wrongly or falsely grading or invoicing lumber in any way.

(5) Making additions for special specifications, services, or other extras which are not specifically permitted.

(6) Refusing to sell on an f. o. b. mill basis, and insisting on selling on a delivered basis, except in the case of sales of imported Northeastern softwood lumber.

(7) Unnecessarily routing lumber through a distribution yard.

(8) Quoting a gross price above the maximum price, even if accompanied by a discount the effect of which is to bring the net price below the maximum.

(9) Making the buyer take something he does not want in order to get what he does want; for example, making a buyer who orders No. 2 Common take all the upper grades that develop.

(10) Getting a higher price by charging the buyer for ripping or resawing, or charging on the basis of an original size larger than the item actually delivered (for example, charging the price of 4 x 4 ripped to 2 x 4 on a sale and delivery of 2 x 4's) except where the items ordered and delivered are non-standard sizes not specifically priced in the tables. This prohibition has no application where the buyer specifies the larger size to be ripped or resawn into items of smaller size and the resulting items are priced higher in the tables than the original larger size.

(c) *Adding commission to ceiling prohibited.* It is unlawful for any person to charge, receive or pay a commission for the service of procuring, buying, selling or locating lumber, or for any related service (such as "expediting") which does not involve actual physical handling of lumber, if the commission plus the purchase price results in a total payment by the buyer of lumber which is higher than the maximum price of the lumber. For purposes of this regulation, a commission is any service charge or payment which is figured either directly or indirectly on the basis of the quantity, price or value of the lumber in connection with which the service is performed.

(d) *Combination grades.* Lumber sold on combination grades for which no specific price is established in the regulation may not be sold above the maximum price for the lowest priced grade actually named in the combination. For example, the maximum price for lumber sold as No. 2 Common and better is the maximum price fixed for No. 2 Common lumber. But it is permissible to quote a grade with specified percentages of higher grades: *Provided,* That when the lumber is shipped, lumber of each grade is tallied on a board foot basis and invoiced separately at prices not in excess of ceiling prices for the respective grades. Note, however, that it is a violation to insist on the buyer taking grades he does not want in order to get the grades he does want.

SEC. 17 *Adjustable pricing.* Any person may offer or agree to adjust or fix prices to or at prices not in excess of the maximum prices in effect at the time of delivery. In an appropriate situation, where a petition for amendment requires extended consideration, the Price Administrator may, upon application, grant permission to agree to adjust prices upon deliveries made during the pendency of the petition, in accordance with the disposition of the petition.

ARTICLE IV—MISCELLANEOUS

SEC. 18 *Petitions for adjustment or amendment*—(a) *Government contracts.* (1) The term "government contract" is used here to include any contract with the United States or any of its agencies, or with the government or any governmental agency of any country whose defense the President deems vital to the defense of the United States under the terms of the Act of March 11, 1941, entitled "An Act to promote the defense of the United States". It also includes any subcontract under this kind of contract.

(2) Any person who has entered into or proposes to enter into a "government contract" and who believes that a maximum price in this regulation impedes or threatens to impede production of Northeastern softwood lumber essential to the war program and which is or will be the subject of the contract, may file an application for adjustment in accordance with Procedural Regulation 6,[3] issued by the Office of Price Administration.

(3) As soon as the application is filed, contracts, deliveries, and payments may be made at the requested price subject to refund if the requested price is disapproved or lowered. The seller must tell the buyer that the delivery is made subject to such refund.

(b) *Petitions for amendment.* Any person seeking an amendment of any provision of this regulation may file a petition for amendment in accordance

[3] 7 F.R. 5087, 5664.

with the provisions of Revised Procedural Regulation 1,[4] issued by the Office of Price Administration.

SEC. 19 *Enforcement*—(a) Persons violating any provision of this regulation are subject to the criminal penalties, civil enforcement actions, suits for treble damages, and proceedings for suspension of licenses provided for by the Emergency Price Control Act of 1942, as amended.

(b) War procurement agencies and their contracting or paying finance officers are not subject to any liability, civil or criminal, imposed by this regulation. Persons who make sales covered by this regulation to war procurement agencies, however, are subject to all the liabilities imposed by this regulation. "War procurement agencies" include the War Department, the Navy Department, the United States Maritime Commission and the Lend-Lease Section in the Procurement Division of the Treasury Department, or any of their agencies.

SEC. 20 *Licensing.* All sellers under this regulation, except mills, are licensed by Supplementary Order 18. This order, in brief, provides that a license is necessary except for mills to make sales under this regulation. A license is automatically granted to all sellers making these sales. It is not necessary to apply specially for the license, but a registration may later be required. The Emergency Price Control Act of 1942, as amended, and Supplementary Order 18 tell the circumstances under which licenses may be suspended. The license cannot be transferred.

SEC. 21 *Grades, services and extras not listed*—(a) If a seller wishes to sell a grade of Northeastern softwood lumber which is not specifically priced in the price tables, or wishes to make an addition for special workings, specifications, services, or other extras for which additions are not specifically permitted, he must apply to the Lumber Branch of the Office of Price Administration, Washington, D. C., for a maximum price. He must submit the following information: (1) the requested price; (2) a complete description of the material to be priced; and (3) the price differential between it and the most comparable item priced in the price tables between January 1 and August 1, 1941, from the seller's own records, or if that is impossible, from the experience of the trade. If no established price differential existed, detailed analysis of comparable value should be furnished.

(b) As soon as the request has been filed, quotations and deliveries may be made at the requested price, but final payment may not be made until the price has been approved. Action on the request may be by letter or telegram. If the Office of Price Administration has not acted within 30 days of the receipt of the request, the requested price is approved.

(c) The term "lumber" as used in this section does not include: (1) glued stock, (2) stock mine material, (3) switch, cross, or mine ties, (4) posts, poles, and piling, (5) Small dimension stock, and (6) millwork.

[4] 7 F.R. 8961; 8 F.R. 3313, 3533.

ARTICLE V—APPENDIX A: SQUARE-EDGE WHITE PINE: PRICE TABLES

SEC. 22 *Application of Appendix A.* This Appendix applies to domestic Northeastern white pine lumber processed square edge (i. e., sawn or processed square on four sides), and to imported Northeastern white pine lumber processed square edge shipped from mills located in that part of the Dominion of Canada east of the Province of Ontario, where sold on the specifications and on the grades designated below. (Maximum prices for Northeastern white pine lumber shipped from mills located in that part of the province of Ontario lying east of the 85th Meridian, known as Ottawa Valley White Pine, are set forth separately in Appendix F.)

SEC. 23 *Grading rules.* Grade terms in this Appendix have the meaning set forth in "Standard Grading Rules for Northern White Pine and Norway Pine" (Northeastern type) published by the Northeastern Lumber Manufacturers Association, Inc., effective January 1, 1937.

SEC. 24 *Maximum prices.* The maximum f. o. b. mill price for domestic Northeastern white pine lumber processed square edge, and the maximum base price for imported Northeastern white pine lumber other than Ottawa Valley white pine lumber processed square edge shall be as set forth below. These prices are for 1,000 feet board measure of lumber in a rough air-dried condition.

TABLE 1.—NORTHEASTERN WHITE PINE PROCESSED SQUARE EDGE ROUGH—AIR DRIED

Random lengths	C select and better	D select and better	No. 1 and No. 2 common	No. 3 common	No. 4 common	No. 5 common
1" x 3"	$77.00	$67.00	$50.00	$38.50	$33.00	$29.00
1" x 4"	76.50	66.50	47.00	38.00	31.00	24.00
1" x 5"	77.50	67.50	47.50	37.00	32.00	24.00
1" x 6"	79.00	69.00	50.50	40.00	36.00	28.50
1" x 7"	79.00	69.00	50.50	40.00	36.00	28.50
1" x 8"	82.00	72.00	53.00	40.50	36.50	29.50
1" x 9"	82.00	72.00	53.00	40.50	36.50	29.50
1" x 10"	87.00	77.00	53.00	42.50	36.50	29.50
1" x 11"	87.00	77.00	53.00	42.50	36.50	29.50
1" x 12"	99.00	89.00	63.00	48.00	38.50	30.50
1" x 13" and wider	102.00	92.00	64.00	49.00	40.00	33.00
1" x 4" and wider av. 7" to 8"	80.00	70.00	51.50	39.75	35.75	28.50
1" x 5" and wider av. 8" to 9"	81.50	71.50	52.50	40.00	36.00	29.00
1" x 6" and wider av. 9" or over	82.00	72.00	53.00	40.50	36.50	29.50

ADDITIONS AND DEDUCTIONS PER M. B. M. TO THE ABOVE PRICES

	C select and better	D select and better	No. 1 and No. 2 common	No. 3 common	No. 4 common	No. 5 common
For thickness:						
1. 5/4" to 8/4", add	$10.00	$10.00	$7.00	$3.00	$2.00	$2.00
2. 9/4" and thicker, add	15.00	15.00	8.00	3.00	3.00	3.00
For length:						
3. For specified lengths, add $2.00 per 1,000 board feet.						
For condition:						
4. For Green, deduct $2.00 per 1,000 board feet.						

	5,000 ft. B. M. or over	1,000 to 4,999 ft. B. M.	Net charge under 1,000
For working:			
5. S1S	$3.00	$3.25	$3.25
6. S2S	3.00	3.25	3.25
7. S4S	4.00	4.25	4.25
8. S2S and match	4.00	4.25	4.25
9. S1S and clip to exact length	3.25	3.50	3.50
10. S2S and clip to exact length	3.25	3.50	3.50
11. S4S and clip to exact length	4.25	4.50	4.50
12. Clipping only to exact length	3.00	3.25	3.25
13. Bead 1 side add to S4S	1.00	1.25	1.25
14. Bead 2 sides add to S4S	1.50	1.75	1.75
15. S2S and resaw 1 cut	5.50	5.75	5.75
16. S4S and resaw 1 cut	6.50	6.75	6.75
17. S2S and resaw 2 cuts	6.50	6.75	6.75
18. S4S and resaw 2 cuts	7.50	7.75	7.75
19. Resaw rough—1 cut	4.00	4.25	4.25
20. Resaw rough—more than 1 cut, add per cut	2.25	2.50	2.50
21. Resaw 1 cut and S2S each piece	6.50	6.75	6.75
22. Resaw 1 cut and S4S each piece	8.25	8.50	8.50
23. Rip per cut	2.75	3.00	3.00
24. S4S and bevel resaw	6.50	6.75	6.75
25. Siding to pattern	8.50	8.75	8.75
26. Other patterns 4" or wider	8.50	8.75	8.75
27. Cross cutting—per cut	1.00	1.25	1.25
28. For dressing thicker than standard, for each 1/32" add to above charges	.50	.75	.75
29. For bundling	1.25	1.25	1.25

TABLE 2.—LOG RUN NORTHEASTERN WHITE PINE PROCESSED SQUARE EDGE ROUGH—AIR DRIED

4/4" and thicker	$37.00

ADDITIONS AND DEDUCTIONS PER M. B. M. TO THE ABOVE PRICE

For condition: 1. For Green, deduct $2.00 per 1,000 board feet. Green lumber is lumber which contains a moisture content in excess of 19% by weight.

TABLE 3.—ESTIMATED WEIGHTS PER THOUSAND FEET—DRY

	Pounds
Rough	2,500
S1S, S2S	2,000
S4S	1,800

SEC. 25 *Transportation addition on imported lumber.* (For domestic transportation addition, see section 11). In the case of sales of imported Northeastern white pine lumber the amount that may be added to the maximum base price for transportation is the railroad freight from Campbellton, New Brunswick, to the point of delivery in the United States, computed on the lowest through rate. This rule applies regardless of the point of origin and whether the lumber is shipped by rail or truck. The freight may be computed on the basis of the estimated average weights set forth in Table No. 3 above, and the final amount shall be evened out to the nearest quarter of a dollar per MBM. No addition may be made to the maximum base price for duty or for any charges or fees incurred in importation.

ARTICLE VI—APPENDIX B: ROUND-EDGE WHITE PINE: PRICE TABLES

SEC. 26 *Application of Appendix B.* This Appendix applies to domestic Northeastern white pine lumber processed round edge (i. e. sawn or processed by sawing two sides without sawing or otherwise processing edges), sold on the specifications and on the grades designated below.

SEC. 27 *Grading rules.* Grade terms used herein have the meaning set forth in "Standard Grading Rules for Northern White Pine and Norway Pine" (Northeastern type), published by the Northeastern Lumber Manufacturers Association, Inc., effective January 1, 1937.

SEC. 28 *Maximum prices.* The maximum f. o. b. mill price for 1,000 feet board measure of Northeastern white pine lumber processed round edge, in a rough air-dried condition, shall be as set forth below.

TABLE 4.—NORTHEASTERN WHITE PINE LUMBER PROCESSED ROUND EDGE ROUGH—AIR DRIED

Dry	On sticks	Loaded on trucks	Loaded on railroad cars
4/4" and thicker, log run	$27.50	$28.50	$29.50
Box sides	17.50	18.50	19.50

NOTE: The use of estimated weight of 3,250 lbs. per thousand feet for freight charges for dry lumber is permissible.

ARTICLE VII—APPENDIX C: EASTERN SPRUCE, NORWAY PINE AND JACK PINE: PRICE TABLES

SEC. 29 *Application of Appendix C.* This Appendix applies to domestic and imported Eastern spruce, Jack pine and Norway pine lumber, (except Norway pine produced in Ontario and farther west), sold on the specifications and on the grades designated below. (Maximum prices for Norway pine shipped from mills located in that part of the Province of Ontario lying east of the 85th meridian, known as Ottawa Valley Norway pine, are set forth separately in Appendix F.)

SEC. 30 *Grading rules.* Grade terms used herein have the meaning set forth in "Standard Grading Rules for Eastern Spruce and Balsam Fir," published by the Northeastern Lumber Manufacturers' Association, Inc., effective April 1, 1938, as applied to Eastern spruce and Jack pine lumber, and in "Standard Grading Rules for Northern White Pine" (Northeastern type) published by the Northeastern Lumber Manufacturers' Association, Inc., effective January 1, 1937, as applied to Norway pine lumber.

SEC. 31 *Maximum prices.* The maximum f. o. b. mill price for domestic Eastern spruce, Norway pine and Jack pine lumber and white cedar shingles, and the maximum base price for imported Eastern spruce, Norway pine (other than Ottawa Valley Norway Pine), and Jack pine lumber shall be as set forth below. These prices are for 1,000 feet board measure (or for 1,000 pieces, or for a square, where so designated) of lumber in a rough air-dried condition.

TABLE 5.—EASTERN SPRUCE—FULL SAWN BOARDS—ROUGH

[For Jack Pine and Norway Pine, see notes 31 and 32]

Grade	Random length odd and even 8′ to 20′	Random length even 8′ to 20′	Specified length 8′ to 15′ inc.	Specified length 16′	Specified length 17′ and/or 18′	Specified length 19′ and/or 20′
No. 1 (merchantable):						
1 x 2	$36.00	$37.00	$38.00	$39.00	$40.00	$41.00
3	37.00	38.00	39.00	40.00	41.00	42.00
4	37.00	38.00	39.00	40.00	41.00	42.00
5	37.00	38.00	39.00	40.00	41.00	42.00
6	40.00	41.00	42.00	43.00	44.00	45.00
7	40.00	41.00	42.00	43.00	44.00	45.00
8	42.00	43.00	44.00	45.00	46.00	47.00
9	42.00	43.00	44.00	45.00	46.00	47.00
10	45.00	46.00	47.00	48.00	49.00	50.00
12	47.00	48.00	49.00	50.00	51.00	52.00

ADDITIONS AND DEDUCTIONS PER M. B. M. TO THE ABOVE PRICES

	5,000 ft. B. M. or over	1,000–4,999 ft. B. M.
For working:		
1. Cross cutting, for one cut, add	$1.00	$1.25
Each additional cut, add	.50	.75
2. Cross cutting square, to exact non standard length, add	2.00	2.25
3. Ripping, straight, for one cut add	1.00	1.25
Each additional cut, add	.50	.75
4. Ripping, taper, add	2.00	2.25
5. Saw sizing to exact width, add	1.00	1.25
6. Resaw, straight, 4" and narrower, add	2.00	2.25
7. Resaw, straight, wider than 4", add	1.50	1.75
8. Resaw, bevel, 4" and narrower, add	2.00	2.25
9. Resaw, bevel, wider than 4", add	1.50	1.75
10. Dressing S1S, S2S, S1E, S2E, add	2.00	2.25
11. Dressing S2S1E, S4S, S1S&M, S2S&M, S2S&SL, S2E1S, add	3.00	3.25
12. Any standard dressing and beading 1 side, add	4.00	4.25
13. Any standard dressing and beading 2 sides, add	4.50	4.75
14. Working to other standard patterns, add	5.00	5.25
15. Any standard dressing and crosscutting to exact length, add	4.00	4.25
16. Any standard dressing and resawing, add	4.00	4.25
17. Resawing 1 cut and dressing each piece, add	4.50	4.75
18. Resawing 1 cut in center and bevel resawing each piece and bundling, add	5.00	5.25
19. Bundling, add	1.00	1.25

For width:
20. For widths wider than listed: For each inch or fraction thereof over 12"; to the 12 in. price, add $1.00.
21. Specified fractional widths: Price as next wider standard width for which a price is provided and add the ripping charge.

For length:
22. For lengths longer than listed: For each 2 ft. or fraction thereof over 20′; to the 20 ft. price, add $1.00.
23. Specified fractional lengths longer than 10 ft.: Price and compute footage as next longer standard length and add the crosscutting charge.
24. Specified fractional lengths shorter than 10 ft.: Price as shortest multiple for which a price is provided and add the crosscutting charge.

For thickness:
25. For 5/4 thickness: To the price of the same width and length add $1.00.
26. For 6/4 thickness: To the price of the same width and length add $1.00.
27. For scant thickness: From the price of the same width and length deduct $2.00.

For grade:
28. Selected merchantable: Add $5.00 to No. 1 prices.
29. No. 2: Deduct $4.00 from No. 1 prices.
30. No. 3: Deduct $9.00 from No. 1 prices.

Notes:
31. Ontario Jack Pine: Price as spruce.
32. Norway Pine: From spruce prices deduct $2.00.

TABLE 6.—EASTERN SPRUCE FULL SAWN DIMENSION—ROUGH

[For Jack Pine and Norway Pine, see notes 21 and 22]

Grade	Random length odd and even 8′ to 20′	Random length even 8′ to 20′	Specified length 8′ to 15′ inc.	Specified length 16′	Specified length 17′ and/or 18′	Specified length 19′ and/or 20′
No. 1 (merchantable):						
2 x 3	$37.00	$38.00	$39.00	$40.00	$41.00	$42.00
4	37.00	38.00	39.00	40.00	41.00	42.00
5	37.00	38.00	39.00	40.00	41.00	42.00
6	38.00	39.00	40.00	41.00	42.00	43.00
7	38.00	39.00	40.00	41.00	42.00	43.00
8	40.00	41.00	42.00	43.00	44.00	45.00
9	41.00	42.00	43.00	44.00	45.00	46.00
10	44.00	45.00	46.00	47.00	48.00	49.00
12	46.00	47.00	48.00	49.00	50.00	51.00

ADDITIONS AND DEDUCTIONS PER M. F. B. M. TO THE ABOVE PRICES

	5,000 ft. B. M. or over	1,000–4,999 ft. B. M.
For working:		
1. Crosscutting, for one cut, add	$1.00	$1.25
Each additional cut, add	.50	.75
2. Crosscutting square to exact length, add	2.00	2.25
3. Ripping, straight, for one cut, add	1.00	1.25
Each additional cut, add	.50	.75
4. Ripping, taper, add	2.00	2.25
5. Saw sizing to exact width, add	1.00	1.25
6. Resaw, bevel, 4″ and narrower, add	2.00	2.25
7. Resaw, bevel, wider than 4″, add	1.50	1.75
8. Dressing S1S, S2S, S1E, S2E, add	2.00	2.25
9. Dressing S2S1E, S4S, S1S&M, S2S&M, S2S&SL, S2E1S, add	3.00	3.25
10. Working to other standard patterns, add	5.00	5.25
11. Any standard dressing and crosscutting to exact length, add	4.00	4.25

For width:
12. For widths wider than listed: For each inch or fraction thereof over 12″; to the 12″ price add $1.00.
13. Specified fractional widths: Price as next wider standard width for which a price is provided and add the crosscutting charge.

For length:
14. For lengths longer than listed: For each 2 ft. or fraction thereof over 20′; to the 20′ price add $1.00.
15. Specified fractional lengths longer than 10′: Price and compute footage as next longer standard length and add the crosscutting charge.
16. Specified fractional lengths shorter than 10′: Price as shortest multiple or which a price is provided and add the crosscutting charge.

For thickness:
17. For scant thickness: From the price of the same width and length deduct $2.00.

For grade:
18. Selected merchantable: Add $5.00 to No. 1 prices.
19. No. 2: Deduct $4.00 from No. 1 prices.
20. No. 3: Deduct $9.00 from No. 1 prices.

Notes:
21. Ontario Jack Pine: Price as spruce.
22. Norway Pine: From spruce prices deduct $2.00.

TABLE 7.—EASTERN SPRUCE FULL SAWN TIMBERS—ROUGH

[For Jack Pine and Norway Pine, see notes 19 and 20]

Grade	Random length odd and even 8′ to 20′	Random length even 8′ to 20′	Specified length 8′ to 15′ inc.	Specified length 16′	Specified length 17′ and/or 18′	Specified length 19′ and/or 20′
No. 1 (merchantable):						
3 x 4	$39.00	$40.00	$41.00	$42.00	$43.00	$44.00
6	39.00	40.00	41.00	42.00	43.00	44.00
8	40.00	41.00	42.00	43.00	44.00	45.00
10	44.00	45.00	46.00	47.00	48.00	49.00
12	46.00	47.00	48.00	49.00	50.00	51.00
4 x 4	39.00	40.00	41.00	42.00	43.00	44.00
6	40.00	41.00	42.00	43.00	44.00	45.00
8	40.00	41.00	42.00	43.00	44.00	45.00
10	44.00	45.00	46.00	47.00	48.00	49.00
12	46.00	47.00	48.00	49.00	50.00	51.00
6 x 6	40.00	41.00	42.00	43.00	44.00	45.00
8	41.00	42.00	43.00	44.00	45.00	46.00
8 x 8	44.00	45.00	46.00	47.00	48.00	49.00

TABLE 7.—EASTERN SPRUCE FULL SAWN TIMBERS—ROUGH—Continued

ADDITIONS AND DEDUCTIONS PER M. B. M. TO THE ABOVE PRICES

	5,000 ft. B. M. or over	1,000–4,999 ft. B. M.
For working:		
1. Crosscutting, for one cut, add	$1.00	$1.25
Each additional cut, add	.50	.75
2. Crosscutting square, to exact length, add	2.00	2.25
3. Ripping, straight, for one cut, add	1.00	1.25
Each additional cut, add	.50	.75
4. Ripping, taper, add	2.00	2.25
5. Saw sizing to exact width, add	1.00	1.25
6. Dressing S1S, S2S, S1E, S2E, add	2.00	2.25
7. Dressing S2S1E, S4S, S1S&M, S2S&M, S2S&SL, S2E1S, add	3.00	3.25
8. Any standard dressing and crosscutting to exact length, add	4.00	4.25

For width:
9. For widths wider than listed: For each inch or fraction thereof over 12″; to the 12 in. price add $1.00.
10. Specified fractional widths: Price as next wider standard width for which a price is provided and add the ripping charge.

For length:
11. For lengths longer than listed: For each 2 ft. or fraction thereof over 20′; to the 20 ft. price add $1.00.
12. Specified fractional lengths longer than 10 ft.: Price and compute footage as next longer standard length and add the crosscutting charge.
13. Specified fractional lengths shorter than 10 ft.: Price as shortest multiple for which a price is provided and add the crosscutting charge.

For thickness:
14. 2½″ thick: Compute footage as 2½″ and use 3″ price.
15. For thickness greater than listed: For each inch or fraction thereof over 4″ add to the 4″ price $1.00.

For grade:
16. Selected merchantable: Add $5.00 to No. 1 prices.
17. No. 2: Deduct $4.00 from No. 1 prices.
18. No. 3: Deduct $9.00 from No. 1 prices.

Notes:
19. Ontario jack pine: Price as spruce.
20. Norway pine: From spruce prices deduct $2.00.

TABLE 8.—EASTERN SPRUCE FURRING

Nominal size	Finished size	Random length odd and even 8′ to 16′	Random length even 8′ to 16′	Specified odd 8′ to 16′	Specified even 8′ to 16′	Specified 12′
NO. 1 (MERCHANTABLE)						
1 x 1½:						
D1S1E&Bdl	1 1/16 x 1 3/8	$36.25	$37.25	$37.25	$38.25	$39.25
	¾ x 1 3/8	40.25	41.25	41.25	42.25	43.25
	1 3/16 x 1 3/8	42.25	43.25	43.25	44.25	45.25
	⅞ x 1 3/8	43.25	44.25	44.25	45.25	46.25
D2S1E&Bdl	¾ x 1 3/8	40.75	41.75	41.75	42.75	43.75
	1 3/16 x 1 3/8	42.75	43.75	43.75	44.75	45.75
	⅞ x 1 3/8	43.75	44.75	44.75	45.75	46.75
1 x 2:						
D1S1E&Bdl	1 1/16 x 1 3/4	34.25	35.25	35.25	36.25	37.25
	2 3/32 x 1 3/4	35.25	36.25	36.25	37.25	38.25
	¾ x 1 3/4	37.25	38.25	38.25	39.25	40.25
	2 5/32 x 1 3/4	40.25	41.25	41.25	42.25	43.25
	1 3/16 x 1 3/4	40.75	41.75	41.75	42.75	43.75
	⅞ x 1 3/4	41.25	42.25	42.25	43.25	44.25
D2S1E&Bdl	¾ x 1 3/4	41.25	42.25	42.25	43.25	44.25
	2 5/32 x 1 3/4	41.50	42.50	42.50	43.50	44.50
	1 3/16 x 1 3/4	41.75	42.75	42.75	43.75	44.75
	⅞ x 1 3/4	42.25	43.25	43.25	44.25	45.25
	⅞ x 1 7/8	42.75	43.75	43.75	44.75	45.75
D4S&Bdl	¾ x 1 3/4	43.25	44.25	44.25	45.25	46.25
	⅞ x 1 3/4	44.25	45.25	45.25	46.25	47.25
	⅞ x 1 7/8	44.75	45.75	45.75	46.75	47.75
1 x 2½:						
D1S1E&Bdl	1 1/16 x 2 3/8	36.25	37.25	37.25	38.25	39.25
	¾ x 2 3/8	39.25	40.25	40.25	41.25	42.25
D2S1E&Bdl	¾ x 2 3/8	40.25	41.25	41.25	42.25	43.25
	⅞ x 2 3/8	43.25	44.25	44.25	45.25	46.25
D4S&Bdl	¾ x 2 3/8	42.25	43.25	43.25	44.25	45.25
	⅞ x 2 3/8	44.25	45.25	45.25	46.25	47.25
1 x 3:						
D1S1E&Bdl	¾ x 2 3/4	39.25	40.25	40.25	41.25	42.25
	1 3/16 x 2 3/4	41.25	42.25	42.25	43.25	44.25
	⅞ x 2 3/4	42.25	43.25	43.25	44.25	45.25
D2S1E&Bdl	¾ x 2 3/4	39.75	40.75	40.75	41.75	42.75
	1 3/16 x 2 3/4	41.75	42.75	42.75	43.75	44.75
	⅞ x 2 3/4	42.75	43.75	43.75	44.75	45.75
D4S&Bdl	¾ x 2 3/4	40.25	41.25	41.25	42.25	43.25
	1 3/16 x 2 3/4	42.25	43.25	43.25	44.25	45.25
	⅞ x 2 3/4	43.25	44.25	44.25	45.25	46.25
	⅞ x 2 7/8	43.75	44.75	44.75	45.75	46.75
1 x 1:						
D2S1E&Bdl	⅞ x ⅞	46.25	47.25	47.25	48.25	49.25

ADDITIONS AND DEDUCTIONS PER M. B. M. TO THE ABOVE PRICES

For grade:
1. No. 2: Deduct $4.00 from No. 1 prices.
2. No. 3: Deduct $9.00 from No. 1 prices.

TABLE 9.—EASTERN SPRUCE SELECTS

C. Select:	*Random lengths 8' to 20'*
Thickness and width:	
1 x 2 to 1 x 10, inclusive	$70.00
1 x 12	75.00

ADDITIONS AND DEDUCTIONS PER M. B. M. TO ABOVE PRICES

For width:

1. Specified fractional widths: price as next wider standard width for which a price is provided and add the ripping charge.

For length:

2. Specified fractional lengths shorter than 10 ft.: price as shortest multiple for which a price is provided and add the crosscutting charge.
3. Specified fractional lengths over 10 ft.: price and compute footage as next longer standard length and add the crosscutting charge.

For thickness:

4. 1¼" thick add $5.00 to price of 4/4.
5. 1½" thick add $5.00 to price of 4/4.
6. 2" thick add $10.00 to price of 4/4.
7. 3" thick add $20.00 to price of 4/4.

For grade:

8. B and better: Add to prices of C. Select $20.00.

TABLE 10.—EASTERN SPRUCE SELECTED SCAFFOLDING—ROUGH

Thickness and width	Specified length 13'	Specified length 16'
1¼ x 9	$50.50	
2 x 9	48.50	
2½ x 10		$47.50

TABLE 11.—EASTERN SPRUCE LATH

Size	Per 1,000 pcs. #1	Per 1,000 pcs. #2
¾" x 1½" x 4'	$4.75	$3.25
⅜" x 1⅝" x 4'	5.25	3.75
½" x 1½" x 4'		2.75
7/16" x 2" x 4'		3.25

TABLE 12.—WHITE CEDAR SHINGLES 16"

Grade	per square
Extra No. 1	$1.75
Clear walls	3.00
2nd clears	3.25
Clears	3.85
Extras	4.25

TABLE 13.—ESTIMATED AVERAGE WEIGHTS FOR SHIPMENTS FROM AMERICAN MILLS

LUMBER

Species	Rough, lbs. per M. B. M.	Dressed, lbs. per M. B. M.
Spruce	3,300	3,000
Norway	3,000	2,500

LATH

	Size	Lbs. per M. pieces
Spruce	¾" x 1½" x 4'	500
	⅜" x 1⅝" x 4'	550
	½" x 1½" x 4'	650
	7/16" x 2" x 4'	800

SHINGLES

	Size	Lbs. per square
White cedar	16"	200

TABLE 14.—ESTIMATED AVERAGE WEIGHTS FOR SHIPMENTS FROM CANADIAN MILLS

LUMBER

Species	Rough, lbs. per M.B.M.	Dressed, lbs. per M.B.M.
Spruce—except furring	3,100	2,600
Spruce furring		2,100
Jack pine	3,100	2,600
Norway	3,000	2,500

LATH

	Size	Lbs. per M. pieces
Spruce	¾" x 1½" x 4'	500
	⅜" x 1⅝" x 4'	550
	½" x 1½" x 4'	650
	7/16" x 2" x 4'	800

SHINGLES

	Size	Lbs. per square
White cedar	16"	200

SEC. 32 *Transportation addition on imported lumber.* (For domestic transportation addition, see section 11). In the case of sales of Eastern spruce, Norway pine (other than Ottawa Valley Norway pine) and Jack pine lumber, the amount that may be added to the maximum base price for transportation is the railroad freight from Campbellton, New Brunswick, to the point of delivery in the United States computed on the lowest through rate. This rule applies regardless of the point of origin and whether the lumber is shipped by rail or truck. The freight may be computed on the basis of the estimated average weights set forth in Table No. 14 above, and the final amount may be evened out to the nearest quarter of a dollar per MBM. No additions may be made to the maximum base price for duty or for any charge or fees incurred in importation.

ARTICLE VIII—APPENDIX D: NEW ENGLAND AND IMPORTED EASTERN HEMLOCK LUMBER: PRICE TABLES

SEC. 33 *Application of Appendix D.* This Appendix applies to Eastern hemlock lumber which is shipped to the purchaser from mills located in the states of Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut, and that part of the Dominion of Canada located east of the 85th meridian and is sold on the specifications and on the grades designated in this section.

SEC. 34 *Grading rules.* Grade terms used herein have the meaning set forth in the "Official Grading Rules for Hemlock and Tamarack Lumber, and White Cedar Shingles" published by the Northern Hemlock and Hardwood Manufacturers' Association, effective June 27, 1941.

SEC. 35 *Maximum prices.* The maximum f. o. b. mill price for New England Eastern hemlock lumber, and the maximum base price for imported Eastern hemlock lumber shall be as set forth below. These prices are for 1,000 feet board measure of lumber in a rough air dried condition.

TABLE 15.—HEMLOCK BOARDS—ROUGH

[New England and Canadian]

Grade	Random length 6′ to 20′	Specified lengths 8′ to 14′	Specified lengths 16′	Specified lengths 18′	Specified lengths 20′
No. 1:					
1 x 2	$36.00	$36.00	$38.00	$39.00	$40.00
3	36.00	36.00	38.00	39.00	40.00
4	36.00	36.00	38.00	39.00	40.00
5	36.00	36.00	38.00	39.00	40.00
6	38.00	38.00	40.00	41.00	42.00
7	38.00	38.00	40.00	41.00	42.00
8	38.00	38.00	40.00	41.00	42.00
9	38.00	38.00	40.00	41.00	42.00
10	39.00	39.00	41.00	42.00	43.00
12	41.00	41.00	43.00	44.00	45.00
1 x 5 and wider	37.00	37.00	39.00	40.00	41.00
1 x 6 and wider	38.00	38.00	40.00	41.00	42.00
Merchantable:					
1 x 2	33.00	33.00	35.00	36.00	37.00
3	33.00	33.00	35.00	36.00	37.00
4	33.00	33.00	35.00	36.00	37.00
5	33.00	33.00	35.00	36.00	37.00
6	35.00	35.00	37.00	38.00	39.00
7	35.00	35.00	37.00	38.00	39.00
8	35.00	35.00	37.00	38.00	39.00
9	35.00	35.00	37.00	38.00	39.00
10	36.00	36.00	38.00	39.00	40.00
12	38.00	38.00	40.00	41.00	42.00
1 x 5 and wider	34.00	34.00	36.00	37.00	38.00
1 x 6 and wider	35.00	35.00	37.00	38.00	39.00
No. 2:					
1 x 2	30.00	30.00	32.00	33.00	34.00
3	30.00	30.00	32.00	33.00	34.00
4	30.00	30.00	32.00	33.00	34.00
5	30.00	30.00	32.00	33.00	34.00
6	31.00	31.00	33.00	34.00	35.00
7	31.00	31.00	33.00	34.00	35.00
8	32.00	32.00	34.00	35.00	36.00
9	32.00	32.00	34.00	35.00	36.00
10	33.00	33.00	35.00	36.00	37.00
12	35.00	35.00	37.00	38.00	39.00
1 x 5 and wider	31.00	31.00	33.00	34.00	35.00
1 x 6 and wider	31.00	31.00	33.00	34.00	35.00
No. 3:					
1 x 2	27.00	27.00	29.00	30.00	31.00
3	27.00	27.00	29.00	30.00	31.00
4	27.00	27.00	29.00	30.00	31.00
5	27.00	27.00	29.00	30.00	31.00
6	29.00	29.00	31.00	32.00	33.00
7	29.00	29.00	31.00	32.00	33.00
8	29.00	29.00	31.00	32.00	33.00
9	29.00	29.00	31.00	32.00	33.00
10	30.00	30.00	32.00	33.00	34.00
12	32.00	32.00	34.00	35.00	36.00
1 x 5 and wider	28.00	28.00	30.00	31.00	32.00
1 x 6 and wider	29.00	29.00	31.00	32.00	33.00
	4′ to 20′				
No. 4:					
1 x 4	20.00	20.00	22.00	23.00	24.00
5	20.00	20.00	22.00	23.00	24.00
6	20.00	20.00	22.00	23.00	24.00
7	20.00	20.00	22.00	23.00	24.00
8	20.00	20.00	22.00	23.00	24.00
9	20.00	20.00	22.00	23.00	24.00
10	20.00	20.00	22.00	23.00	24.00
12	20.00	20.00	22.00	23.00	24.00
No. 5: All widths and lengths, $15.00.					

TABLE 15—HEMLOCK BOARDS—ROUGH—Continued

ADDITIONS AND DEDUCTIONS PER M. B. M. TO THE ABOVE PRICES

	5,000 ft. B. M. or over	1,000–4,999 ft. B. M.
For working:		
1. Cross cutting, for one cut, add	$1.00	$1.25
Each additional cut, add	.50	.75
2. Cross cutting square, to exact length, add	2.00	2.25
3. Ripping straight for one cut, add	1.00	1.25
Each additional cut, add	.50	.75
4. Ripping, taper, add	2.00	2.25
5. Saw sizing to exact width, add	1.00	1.25
6. Resaw, straight, 4" and narrower, add	2.00	2.25
7. Resaw, straight, wider than 4", add	1.50	1.75
8. Resaw, bevel, 4" and narrower, add	2.00	2.25
9. Resaw, bevel, wider than 4", add	1.50	1.75
10. Dressing S1S, S2S, S1E, S2E, add	2.00	2.25
11. Dressing S2S1E, S4S, S1S&M, S2S&M, S2S&SL, S2E1S, add	3.00	3.25
12. Any standard dressing and beading 1 side, add	4.00	4.25
13. Any standard dressing and beading 2 sides, add	4.50	4.75
14. Working to other standard patterns, add	5.00	5.25
15. Any standard dressing and crosscutting to exact length, add	4.00	4.25
16. Any standard dressing and resawing, add	4.00	4.25
17. Resawing 1 cut and dressing each piece, add	4.50	4.75
18. Resawing 1 cut in center and bevel resawing each piece and bundling, add	5.00	5.25
19. Bundling, add	1.00	1.25

For width:

20. For widths wider than listed: For each inch or fraction thereof over 12"; to 12 in. price add $1.00.
21. Specified fractional widths: Price as next wider standard width for which a price is provided and add the ripping charge.

For length:

22. For lengths longer than listed: For each 2 ft. or fraction thereof over 20 ft.; to 20 ft. price add $1.00.
23. Specified fractional lengths longer than 10 ft.: Price and compute footage as next longer standard length and add the crosscutting charge.
24. Specified fractional lengths shorter than 10 ft.: Price as shortest multiple for which a price is provided and add the crosscutting charge.

For thickness:

25. For 5/4 thickness: Use price for 1" of the same width and length.
26. For 6/4 thickness: Use price for 1" of the same width and length.

For grade:

27. "D" select and better, flat grain: Add to price of No. 1 common $13.00.
28. "D" select and better, vertical grain: Add to price of No. 1 common $18.00.

TABLE 16.—HEMLOCK DIMENSION—ROUGH

[New England and Canadian]

Grade	Random length 6′ to 24′	Specified lengths 8′ to 14′	Specified length 16′	Specified length 18′	Specified length 20′	Specified length 22′	Specified length 24′
No. 1:							
2 x 3	$34.00	$34.00	$36.00	$37.00	$38.00	$39.00	$40.00
4	34.00	34.00	36.00	37.00	38.00	39.00	40.00
5	34.00	34.00	36.00	37.00	38.00	39.00	40.00
6	36.00	36.00	38.00	39.00	40.00	41.00	42.00
7	36.00	36.00	38.00	39.00	40.00	41.00	42.00
8	36.00	36.00	38.00	39.00	40.00	41.00	42.00
9	36.00	36.00	38.00	39.00	40.00	41.00	42.00
10	36.00	36.00	38.00	39.00	40.00	41.00	42.00
12	38.00	38.00	40.00	41.00	42.00	43.00	44.00
Merchantable:							
2 x 3	31.00	31.00	33.00	34.00	35.00	36.00	37.00
4	31.00	31.00	33.00	34.00	35.00	36.00	37.00
5	31.00	31.00	33.00	34.00	35.00	36.00	37.00
6	33.00	33.00	35.00	36.00	37.00	38.00	39.00
7	33.00	33.00	35.00	36.00	37.00	38.00	39.00
8	33.00	33.00	35.00	36.00	37.00	38.00	39.00
9	33.00	33.00	35.00	36.00	37.00	38.00	39.00
10	33.00	33.00	35.00	36.00	37.00	38.00	39.00
12	35.00	35.00	37.00	38.00	39.00	40.00	41.00
No. 2:							
2 x 3	28.00	28.00	30.00	31.00	32.00	33.00	34.00
4	28.00	28.00	30.00	31.00	32.00	33.00	34.00
5	28.00	28.00	30.00	31.00	32.00	33.00	34.00
6	30.00	30.00	32.00	33.00	34.00	35.00	36.00
7	30.00	30.00	32.00	33.00	34.00	35.00	36.00
8	30.00	30.00	32.00	33.00	34.00	35.00	36.00
9	30.00	30.00	32.00	33.00	34.00	35.00	36.00
10	30.00	30.00	32.00	33.00	34.00	35.00	36.00
12	32.00	32.00	34.00	35.00	36.00	37.00	38.00
No. 3:							
2 x 3	23.00	23.00	25.00	26.00	27.00	28.00	29.00
4	23.00	23.00	25.00	26.00	27.00	28.00	29.00
5	23.00	23.00	25.00	26.00	27.00	28.00	29.00
6	25.00	25.00	27.00	28.00	29.00	30.00	31.00
7	25.00	25.00	27.00	28.00	29.00	30.00	31.00
8	25.00	25.00	27.00	28.00	29.00	30.00	31.00
9	25.00	25.00	27.00	28.00	29.00	30.00	31.00
10	25.00	25.00	27.00	28.00	29.00	30.00	31.00
12	27.00	27.00	29.00	30.00	31.00	32.00	33.00
No. 4:							
2 x 4	20.00	20.00	22.00	23.00	24.00	25.00	26.00
5	20.00	20.00	22.00	23.00	24.00	25.00	26.00
6	20.00	20.00	22.00	23.00	24.00	25.00	26.00
7	20.00	20.00	22.00	23.00	24.00	25.00	26.00
8	20.00	20.00	22.00	23.00	24.00	25.00	26.00
9	20.00	20.00	22.00	23.00	24.00	25.00	26.00
10	20.00	20.00	22.00	23.00	24.00	25.00	26.00
12	20.00	20.00	22.00	23.00	24.00	25.00	26.00
No. 5: All widths and lengths, $15.00.							

TABLE 16.—HEMLOCK DIMENSION—ROUGH—Continued

ADDITIONS AND DEDUCTIONS PER M. B. M. TO ABOVE PRICES

	5,000 ft. B. M. or over	1,000–4,999 ft. B. M.
For working:		
1. Crosscutting, for one cut, add	$1.00	$1.25
Each additional cut, add	.50	.75
2. Crosscutting square, to exact length, add	2.00	2.25
3. Ripping straight for one cut, add	1.00	1.25
Each additional cut, add	.50	.75
4. Ripping, taper, add	2.00	2.25
5. Saw sizing to exact width, add	1.00	1.25
6. Resaw, bevel, 4" and narrower, add	2.00	2.25
7. Resaw, bevel, wider than 4", add	1.50	1.75
8. Dressing S1S, S2S, S1E, S2E, add	2.00	2.25
9. Dressing S2S1E, S4S, S1S+M, S2S+M, S2S+SL, S2E1S, add	3.00	3.25
10. Working to other standard patterns, add	5.00	5.25
11. Any standard dressing and crosscutting to exact length, add	4.00	4.25

For width:

12. For widths wider than listed: For each inch or fraction thereof over 12"; to 12" price add $1.00.
13. Specified fractional widths: Price as next wider standard width for which a price is provided and add the crosscutting charge.

For length:

14. For lengths longer than listed: For each 2 ft. or fraction thereof over 24 ft.; to 24 ft. price add $1.00.
15. Specified fractional lengths longer than 12 ft.: Price and compute footage as next longer standard length and add the crosscutting charge.
16. Specified fractional lengths shorter than 12 ft.: Price as shortest multiple for which a price is provided and add the crosscutting charge.

For grade:

17. "D" select and better, flat grain: Add to price of No. 1 common $13.00.
18. "D" select and better, vertical grain: Add to price of No. 1 common $18.00.

TABLE 17.—HEMLOCK TIMBERS—ROUGH

[New England and Canadian]

Grade	Random length 8′ to 24′	Specified lengths 8′ to 14′	Specified lengths 16′	Specified lengths 18′	Specified lengths 20′	Specified lengths 22′	Specified lengths 24′
No. 1:							
3 x 4	$38.00	$38.00	$40.00	$41.00	$42.00	$43.00	$44.00
6	38.00	38.00	40.00	41.00	42.00	43.00	44.00
8	38.00	38.00	40.00	41.00	42.00	43.00	44.00
10	39.00	39.00	41.00	42.00	43.00	44.00	45.00
12	41.00	41.00	43.00	44.00	45.00	46.00	47.00
4 x 4	38.00	38.00	40.00	41.00	42.00	43.00	44.00
6	38.00	38.00	40.00	41.00	42.00	43.00	44.00
8	38.00	38.00	40.00	41.00	42.00	43.00	44.00
10	39.00	39.00	41.00	42.00	43.00	44.00	45.00
12	41.00	41.00	43.00	44.00	45.00	46.00	47.00
6 x 6	38.00	38.00	40.00	41.00	42.00	43.00	44.00
8	38.00	38.00	40.00	41.00	42.00	43.00	44.00
10	39.00	39.00	41.00	42.00	43.00	44.00	45.00
12	41.00	41.00	43.00	44.00	45.00	46.00	47.00
8 x 8	38.00	38.00	40.00	41.00	42.00	43.00	44.00
10	39.00	39.00	41.00	42.00	43.00	44.00	45.00
12	41.00	41.00	43.00	44.00	45.00	46.00	47.00
10 x 10	39.00	39.00	41.00	42.00	43.00	44.00	45.00
12	41.00	41.00	43.00	44.00	45.00	46.00	47.00
12 x 12	41.00	41.00	43.00	44.00	45.00	46.00	47.00
Merchantable:							
3 x 4	35.00	35.00	37.00	38.00	39.00	40.00	41.00
6	35.00	35.00	37.00	38.00	39.00	40.00	41.00
8	35.00	35.00	37.00	38.00	39.00	40.00	41.00
10	36.00	36.00	38.00	39.00	40.00	41.00	42.00
12	38.00	38.00	40.00	41.00	42.00	43.00	44.00
4 x 4	35.00	35.00	37.00	38.00	39.00	40.00	41.00
6	35.00	35.00	37.00	38.00	39.00	40.00	41.00
8	35.00	35.00	37.00	38.00	39.00	40.00	41.00
10	36.00	36.00	38.00	39.00	40.00	41.00	42.00
12	38.00	38.00	40.00	41.00	42.00	43.00	44.00
6 x 6	35.00	35.00	37.00	38.00	39.00	40.00	41.00
8	35.00	35.00	37.00	38.00	39.00	40.00	41.00
10	36.00	36.00	38.00	39.00	40.00	41.00	42.00
12	38.00	38.00	40.00	41.00	42.00	43.00	44.00
8 x 8	35.00	35.00	37.00	38.00	39.00	40.00	41.00
10	36.00	36.00	38.00	39.00	40.00	41.00	42.00
12	38.00	38.00	40.00	41.00	42.00	43.00	44.00
10 x 10	36.00	36.00	38.00	39.00	40.00	41.00	42.00
12	38.00	38.00	40.00	41.00	42.00	43.00	44.00
12 x 12	38.00	38.00	40.00	41.00	42.00	43.00	44.00
No. 2:							
3 x 4	30.00	30.00	32.00	33.00	34.00	35.00	36.00
6	31.00	31.00	33.00	34.00	35.00	36.00	37.00
8	32.00	32.00	34.00	35.00	36.00	37.00	38.00
10	33.00	33.00	35.00	36.00	37.00	38.00	39.00
12	35.00	35.00	37.00	38.00	39.00	40.00	41.00
4 x 4	30.00	30.00	32.00	33.00	34.00	35.00	36.00
6	31.00	31.00	33.00	34.00	35.00	36.00	37.00
8	32.00	32.00	34.00	35.00	36.00	37.00	38.00
10	33.00	33.00	35.00	36.00	37.00	38.00	39.00
12	35.00	35.00	37.00	38.00	39.00	40.00	41.00
6 x 6	31.00	31.00	33.00	34.00	35.00	36.00	37.00
8	32.00	32.00	34.00	35.00	36.00	37.00	38.00
10	33.00	33.00	35.00	36.00	37.00	38.00	39.00
12	35.00	35.00	37.00	38.00	39.00	40.00	41.00
8 x 8	32.00	32.00	34.00	35.00	36.00	37.00	38.00
10	33.00	33.00	35.00	36.00	37.00	38.00	39.00
12	35.00	35.00	37.00	38.00	39.00	40.00	41.00
10 x 10	33.00	33.00	35.00	36.00	37.00	38.00	39.00
12	35.00	35.00	37.00	38.00	39.00	40.00	41.00
12 x 12	35.00	35.00	37.00	38.00	39.00	40.00	41.00

TABLE 17.—HEMLOCK TIMBERS—ROUGH—Continued

ADDITIONS AND DEDUCTIONS PER M. B. M. TO THE ABOVE PRICES

	5,000 ft. B. M. or over	1,000–4,999 ft. B. M.
For working:		
1. Crosscutting, for one cut, add	$1.00	$1.25
Each additional cut, add	.50	.75
2. Crosscutting square, to exact length, add	2.00	2.25
3. Ripping, straight, for one cut, add	1.00	1.25
Each additional cut, add	.50	.75
4. Ripping, taper	2.00	2.25
5. Saw sizing to exact width, add	1.00	1.25
6. Dressing S1S, S2S, S1E, S2E, add	2.00	2.25
7. Dressing S2S1E, S4S, S1S&M, S2S&M, S2S&SL, S2E1S, add	3.00	3.25
8. Any standard dressing and crosscutting to exact length, add	4.00	4.25

For width:
9. For widths wider than listed: For each inch or fraction thereof over 12"; to 12" price add $1.00.
10. Specified fractional widths: Price as next wider standard width for which a price is provided and add the ripping charge.

For length:
11. For lengths longer than listed: For each 2 ft. or fraction thereof over 24 ft. to 24 ft. price add $1.00.
12. Specified fractional lengths longer than 12 ft.: Price and compute footage as next longer standard length and add the crosscutting charge.
13. Specified fractional lengths shorter than 12 ft.: Price as shortest multiple for which a price is provided and add the crosscutting charge.

For thickness:
14. 2½" thick: Compute footage as 2½" and use 3" price.
15. For thickness greater than listed: For each inch or fraction thereof over 12"; add to the 12" price $1.00.

TABLE 18.—ESTIMATED AVERAGE WEIGHTS FOR NEW ENGLAND AND IMPORTED HEMLOCK

LUMBER

Rough, lbs. per M. B. M.	Dressed, lbs. per M. B. M.
4000	3000

SEC. 36 *Transportation addition on imported lumber.* (For domestic transportation addition, see section 11.) (a) *General.* In the case of sales of imported Eastern hemlock lumber, the amount that may be added to the maximum base price for transportation is the railroad freight computed on the lowest through rate from the applicable basing point as prescribed below to the point of delivery in the United States.

(b) *Basing points.* Regardless of point or origin of shipments, the following basing points shall apply:

(1) For imported Eastern hemlock lumber delivered in the six New England States of Maine, New Hampshire, Vermont, Massachusetts, Connecticut, and Rhode Island, the basing point shall be Campbellton, New Brunswick.

(2) For imported Eastern hemlock lumber delivered in that part of the State of New York east of and including the Counties of St. Lawrence, Jefferson, Oswego, Onondaga, Cortland, and Broome, the basing point shall be Mont Laurier, Quebec.

(3) For imported hemlock lumber delivered in that part of the State of New York west of the Counties of Oswego, Onondaga, Cortland, and Broome, and in all other parts of the United States not covered above, the basing point shall be North Bay, Ontario.

(c) *Estimated weights.* The freight addition may be computed on the basis of the estimated average weights set forth in Table 18 above, evened out to the nearest quarter of a dollar per MBM.

(d) *Duty and import expenses.* No additions may be made to the maximum base price for duty or for any charges or fees incurred in importation.

ARTICLE IX APPENDIX E: EASTERN HEMLOCK LUMBER PRODUCED IN NEW YORK AND PENNSYLVANIA: PRICE TABLES

SEC. 37 *Application of Appendix E.* This Appendix applies to Eastern hemlock lumber which is shipped to the purchaser from mills located in the States of New York and Pennsylvania and sold on the specifications and on the grades designated in this section.

SEC. 38 *Granting rules.* Grade terms used herein have the meaning set forth in the "Official Grading Rules for Hemlock and Tamarack Lumber, and White Cedar Shingles" published by the Northern Hemlock and Hardwood Manufacturers' Association, effective June 27, 1941.

SEC. 39 *Maximum prices.* The maximum f. o. b. mill price for 1,000 feet board measure of New York and Pennsylvania Eastern hemlock lumber in a rough air dried condition shall be as set forth below:

TABLE 19.—HEMLOCK BOARDS—ROUGH

[New York and Pennsylvania]

Grade	Random lengths 6′ to 20′	Specified lengths 8′ to 14′	Specified length 16′	Specified length 18′	Specified length 20′
No. 1:					
1 x 2	$39.00	$39.00	$41.00	$42.00	$43.00
3	39.00	39.00	41.00	42.00	43.00
4	39.00	39.00	41.00	42.00	43.00
5	39.00	39.00	41.00	42.00	43.00
6	41.00	41.00	43.00	44.00	45.00
7	41.00	41.00	43.00	44.00	45.00
8	41.00	41.00	43.00	44.00	45.00
9	41.00	41.00	43.00	44.00	45.00
10	42.00	42.00	44.00	45.00	46.00
12	44.00	44.00	46.00	47.00	48.00
1 x 5 and wider	39.00	39.00	41.00	42.00	43.00
1 x 6 and wider	41.00	41.00	43.00	44.00	45.00
Merchantable:					
1 x 2	36.00	36.00	38.00	39.00	40.00
3	36.00	36.00	38.00	39.00	40.00
4	36.00	36.00	38.00	39.00	40.00
5	36.00	36.00	38.00	39.00	40.00
6	38.00	38.00	40.00	41.00	42.00
7	38.00	38.00	40.00	41.00	42.00
8	38.00	38.00	40.00	41.00	42.00
9	38.00	38.00	40.00	41.00	42.00
10	39.00	39.00	41.00	42.00	43.00
12	41.00	41.00	43.00	44.00	45.00
1 x 5 and wider	36.00	36.00	38.00	39.00	40.00
1 x 6 and wider	38.00	38.00	40.00	41.00	42.00
No. 2:					
1 x 2	33.00	33.00	35.00	36.00	37.00
3	33.00	33.00	35.00	36.00	37.00
4	33.00	33.00	35.00	36.00	37.00
5	33.00	33.00	35.00	36.00	37.00
6	34.00	34.00	36.00	37.00	38.00
7	34.00	34.00	36.00	37.00	38.00
8	35.00	35.00	37.00	38.00	39.00
9	35.00	35.00	37.00	38.00	39.00
10	36.00	36.00	38.00	39.00	40.00
12	38.00	38.00	40.00	41.00	42.00
1 x 5 and wider	33.00	33.00	35.00	36.00	37.00
1 x 6 and wider	34.00	34.00	36.00	37.00	38.00
No. 3:					
1 x 2	30.00	30.00	32.00	33.00	34.00
3	30.00	30.00	32.00	33.00	34.00
4	30.00	30.00	32.00	33.00	34.00
5	30.00	30.00	32.00	33.00	34.00
6	32.00	32.00	34.00	35.00	36.00
7	32.00	32.00	34.00	35.00	36.00
8	32.00	32.00	34.00	35.00	36.00
9	32.00	32.00	34.00	35.00	36.00
10	33.00	33.00	35.00	36.00	37.00
12	35.00	35.00	37.00	38.00	39.00
1 x 5 and wider	30.00	30.00	32.00	33.00	34.00
1 x 6 and wider	32.00	32.00	34.00	35.00	36.00
No. 4:					
1 x 4	20.00	20.00	22.00	23.00	24.00
5	20.00	20.00	22.00	23.00	24.00
6	20.00	20.00	22.00	23.00	24.00
7	20.00	20.00	22.00	23.00	24.00
8	20.00	20.00	22.00	23.00	24.00
9	20.00	20.00	22.00	23.00	24.00
10	20.00	20.00	22.00	23.00	24.00
12	20.00	20.00	22.00	23.00	24.00
No. 5:					
All widths and lengths $15.00.					

TABLE 19.—HEMLOCK BOARDS—ROUGH—Continued

ADDITIONS AND DEDUCTIONS PER M. B. M. TO THE ABOVE PRICES

	5,000 ft. B. M. or over	1,000–4,999 ft. B. M.
For working:		
1. Cross cutting, for one cut	$1.00	$1.25
Each additional cut, add	.50	.75
2. Cross cutting square, to exact length, add	2.00	2.25
3. Ripping straight for one cut	1.00	1.25
Each additional cut, add	.50	.75
4. Ripping, taper, add	2.00	2.25
5. Saw sizing to exact width, add	1.00	1.25
6. Resaw, straight 4" and narrower, add	2.00	2.25
7. Resaw, straight wider than 4", add	1.50	1.75
8. Resaw, bevel, 4" and narrower, add	2.00	2.25
9. Resaw, bevel, wider than 4", add	1.50	1.75
10. Dressing S1S, S2S, S1E, S2E, add	2.00	2.25
11. Dressing S2S1E, S4S, S1S+M, S2S+M, S2S+SL, S2E1S, add	3.00	3.25
12. Any standard dressing and beading 1 side, add	4.00	4.25
13. Any standard dressing and beading 2 sides, add	4.50	4.75
14. Working to other standard patterns, add	5.00	5.25
15. Any standard dressing and crosscutting to exact length, add	4.00	4.25
16. Any standard dressing and resawing, add	4.00	4.25
17. Resawing one cut and dressing each piece, add	4.50	4.75
18. Resawing one cut in center and bevel resawing each piece and bundling, add	5.00	5.25
19. Bundling, add	1.00	1.25

For width:

20. For widths wider than listed: For each inch or fraction thereof over 12 inches; to 12 inch price add $1.00.
21. Specified fractional widths: Price as next wider standard width for which a price is provided and add the ripping charge

For length:

22. For lengths longer than listed: For each 2 ft. or fraction thereof over 20 ft.; to 20 ft. price add $1.00.
23. Specified fractional lengths longer than 10 ft.: Price and compute footage as next longer standard length and add the crosscutting charge.
24. Specified fractional lengths shorter than 10 ft.: Price as shortest multiple for which a price is provided and add the crosscutting charge.

For thickness:

25. For 5/4 thickness: Use price for 1" of the same width and length.
26. For 6/4 thickness: Use price for 1" of the same width and length.

For grade:

27. "D" select and better, flat grain: Add to price of No. 1 common $13.00.
28. "D" select and better, vertical grain: Add to price of No. 1 common $18.00.

TABLE 20.—HEMLOCK DIMENSION—ROUGH

[New York and Pennsylvania]

Grade	Random lengths 6′ to 24′	Specified lengths 8′ to 14′	Specified lengths 16′	Specified lengths 18′	Specified lengths 20′	Specified lengths 22′	Specified lengths 24′
No. 1:							
2 x 3	$37.00	$37.00	$39.00	$40.00	$41.00	$42.00	$43.00
4	37.00	37.00	39.00	40.00	41.00	42.00	43.00
5	37.00	37.00	39.00	40.00	41.00	42.00	43.00
6	39.00	39.00	41.00	42.00	43.00	44.00	45.00
7	39.00	39.00	41.00	42.00	43.00	44.00	45.00
8	39.00	39.00	41.00	42.00	43.00	44.00	45.00
9	39.00	39.00	41.00	42.00	43.00	44.00	45.00
10	39.00	39.00	41.00	42.00	43.00	44.00	45.00
12	41.00	41.00	43.00	44.00	45.00	46.00	47.00
Merchantable:							
2 x 3	34.00	34.00	36.00	37.00	38.00	39.00	40.00
4	34.00	34.00	36.00	37.00	38.00	39.00	40.00
5	34.00	34.00	36.00	37.00	38.00	39.00	40.00
6	36.00	36.00	38.00	39.00	40.00	41.00	42.00
7	36.00	36.00	38.00	39.00	40.00	41.00	42.00
8	36.00	36.00	38.00	39.00	40.00	41.00	42.00
9	36.00	36.00	38.00	39.00	40.00	41.00	42.00
10	36.00	36.00	38.00	39.00	40.00	41.00	42.00
12	38.00	38.00	40.00	41.00	42.00	43.00	44.00
No. 2:							
2 x 3	31.00	31.00	33.00	34.00	35.00	36.00	37.00
4	31.00	31.00	33.00	34.00	35.00	36.00	37.00
5	31.00	31.00	33.00	34.00	35.00	36.00	37.00
6	33.00	33.00	35.00	36.00	37.00	38.00	39.00
7	33.00	33.00	35.00	36.00	37.00	38.00	39.00
8	33.00	33.00	35.00	36.00	37.00	38.00	39.00
9	33.00	33.00	35.00	36.00	37.00	38.00	39.00
10	33.00	33.00	35.00	36.00	37.00	38.00	39.00
12	35.00	35.00	37.00	38.00	39.00	40.00	41.00
No. 3:							
2 x 3	26.00	26.00	28.00	29.00	30.00	31.00	32.00
4	26.00	26.00	28.00	29.00	30.00	31.00	32.00
5	26.00	26.00	28.00	29.00	30.00	31.00	32.00
6	28.00	28.00	30.00	31.00	32.00	33.00	34.00
7	28.00	28.00	30.00	31.00	32.00	33.00	34.00
8	28.00	28.00	30.00	31.00	32.00	33.00	34.00
9	28.00	28.00	30.00	31.00	32.00	33.00	34.00
10	28.00	28.00	30.00	31.00	32.00	33.00	34.00
12	30.00	30.00	32.00	33.00	34.00	35.00	36.00

TABLE 20.—HEMLOCK DIMENSION—ROUGH—Continued

[New York and Pennsylvania]

Grade	Random lengths 6′ to 24′	Specified lengths 8′ to 14′	Specified lengths 16′	Specified lengths 18′	Specified lengths 20′	Specified lengths 22′	Specified lengths 24′
No. 4:							
2 x 4	$20.00	$20.00	$22.00	$23.00	$24.00	$25.00	$26.00
5	20.00	20.00	22.00	23.00	24.00	25.00	26.00
6	20.00	20.00	22.00	23.00	24.00	25.00	26.00
7	20.00	20.00	22.00	23.00	24.00	25.00	26.00
8	20.00	20.00	22.00	23.00	24.00	25.00	26.00
9	20.00	20.00	22.00	23.00	24.00	25.00	26.00
10	20.00	20.00	22.00	23.00	24.00	25.00	26.00
12	20.00	20.00	22.00	23.00	24.00	25.00	26.00
No. 5: All widths and lengths, $15.00.							

ADDITIONS AND DEDUCTIONS PER M. B. M. TO THE ABOVE PRICES

	5,000 ft. B. M. or over	1,000–4,999 ft. B. M.
For working:		
1. Crosscutting for one cut, add	$1.00	$1.25
Each additional cut, add	.50	.75
2. Crosscutting square, to exact length, add	2.00	2.25
3. Ripping straight for one cut, add	1.00	1.25
Each additional cut, add	.50	.75
4. Ripping, taper, add	2.00	2.25
5. Saw sizing to exact width, add	1.00	1.25
6. Resaw, bevel, 4″ and narrower, add	2.00	2.25
7. Resaw, bevel, wider than 4″, add	1.50	1.75
8. Dressing S1S, S2S, S1E, S2E, add	2.00	2.25
9. Dressing S2S1E, S4S, S1S+M, S2S+M, S2S+SE, S2E1S, add	3.00	3.25
10. Working to other standard patterns, add	5.00	5.25
11. Any standard dressing and crosscutting to exact length, add	4.00	4.25

For width:

12. For widths wider than listed: For each inch or fraction thereof over 12″; to 12″ price add $1.00.
13. Specified fractional widths: Price as next wider standard width for which a price is provided and add the crosscutting charge.

For length:

14. For lengths longer than listed: For each 2 ft. or fraction thereof over 24 ft.; to 24 ft. price add $1.00.
15. Specified fractional lengths longer than 12 ft.: Price and compute footage as next longer standard length and add the crosscutting charge.
16. Specified fractional lengths shorter than 12 ft.: Price as shortest multiple for which a price is provided and add the crosscutting charge.

For grade:

17. "D" select and better, flat grain: Add to price of No. 1 common $13.00.
18. "D" select and better, vertical grain: Add to price of No. 1 common $18.00.

TABLE 21.—HEMLOCK TIMBERS ROUGH

[New York and Pennsylvania]

Grade	Random lengths 8′ to 24′	Specified lengths 8′ to 14′	Specified lengths 16′	Specified lengths 18′	Specified lengths 20′	Specified lengths 22′	Specified lengths 24′
No. 1:							
3 x 4	$41.00	$41.00	$43.00	$44.00	$45.00	$46.00	$47.00
6	41.00	41.00	43.00	44.00	45.00	46.00	47.00
8	41.00	41.00	43.00	44.00	45.00	46.00	47.00
10	42.00	42.00	44.00	45.00	46.00	47.00	48.00
12	44.00	44.00	46.00	47.00	48.00	49.00	50.00
4 x 4	41.00	41.00	43.00	44.00	45.00	46.00	47.00
6	41.00	41.00	43.00	44.00	45.00	46.00	47.00
8	41.00	41.00	43.00	44.00	45.00	46.00	47.00
10	42.00	42.00	44.00	45.00	46.00	47.00	48.00
12	44.00	44.00	46.00	47.00	48.00	49.00	50.00
6 x 6	41.00	41.00	43.00	44.00	45.00	46.00	47.00
8	41.00	41.00	43.00	44.00	45.00	46.00	47.00
10	42.00	42.00	44.00	45.00	46.00	47.00	48.00
12	44.00	44.00	46.00	47.00	48.00	49.00	50.00
8 x 8	41.00	41.00	43.00	44.00	45.00	46.00	47.00
10	42.00	42.00	44.00	45.00	46.00	47.00	48.00
12	44.00	44.00	46.00	47.00	48.00	49.00	50.00
10 x 10	42.00	42.00	44.00	45.00	46.00	47.00	48.00
12	44.00	44.00	46.00	47.00	48.00	49.00	50.00
12 x 12	44.00	44.00	46.00	47.00	48.00	49.00	50.00

TABLE 21.—HEMLOCK TIMBERS ROUGH—Continued

Grade	Random lengths 8′ to 24′	Specified lengths 8′ to 14′	Specified lengths 16′	Specified lengths 18′	Specified lengths 20′	Specified lengths 22′	Specified lengths 24′
Merchantable:							
3 x 4	$38.00	$38.00	$40.00	$41.00	$42.00	$43.00	$44.00
6	38.00	38.00	40.00	41.00	42.00	43.00	44.00
8	38.00	38.00	40.00	41.00	42.00	43.00	44.00
10	39.00	39.00	41.00	42.00	43.00	44.00	45.00
12	41.00	41.00	43.00	44.00	45.00	46.00	47.00
4 x 4	38.00	38.00	40.00	41.00	42.00	43.00	44.00
6	38.00	38.00	40.00	41.00	42.00	43.00	44.00
8	38.00	38.00	40.00	41.00	42.00	43.00	43.00
10	39.00	39.00	41.00	42.00	43.00	44.00	45.00
12	41.00	41.00	43.00	44.00	45.00	46.00	47.00
6 x 6	38.00	38.00	40.00	41.00	42.00	43.00	44.00
8	38.00	38.00	40.00	41.00	42.00	43.00	44.00
10	39.00	39.00	41.00	42.00	43.00	44.00	45.00
12	41.00	41.00	43.00	44.00	45.00	46.00	47.00
8 x 8	38.00	38.00	40.00	41.00	42.00	43.00	44.00
10	39.00	39.00	41.00	42.00	43.00	44.00	45.00
12	41.00	41.00	43.00	44.00	45.00	46.00	47.00
10 x 10	39.00	39.00	41.00	42.00	43.00	44.00	45.00
12	41.00	41.00	43.00	44.00	45.00	46.00	47.00
12 x 12	41.00	41.00	43.00	44.00	45.00	46.00	47.00
No. 2:							
3 x 4	33.00	33.00	35.00	36.00	37.00	38.00	39.00
6	34.00	34.00	36.00	37.00	38.00	39.00	40.00
8	35.00	35.00	37.00	38.00	39.00	40.00	41.00
10	36.00	36.00	38.00	39.00	40.00	41.00	42.00
12	38.00	38.00	40.00	41.00	42.00	43.00	44.00
4 x 4	33.00	33.00	35.00	36.00	37.00	38.00	39.00
6	34.00	34.00	36.00	37.00	38.00	39.00	40.00
8	35.00	35.00	37.00	38.00	39.00	40.00	41.00
10	36.00	36.00	38.00	39.00	40.00	41.00	42.00
12	38.00	38.00	40.00	41.00	42.00	43.00	44.00
6 x 6	34.00	34.00	36.00	37.00	38.00	39.00	40.00
8	35.00	35.00	37.00	38.00	39.00	40.00	41.00
10	36.00	36.00	38.00	39.00	40.00	41.00	42.00
12	38.00	38.00	40.00	41.00	42.00	43.00	44.00
8 x 8	35.00	35.00	37.00	38.00	39.00	40.00	41.00
10	36.00	36.00	38.00	39.00	40.00	41.00	42.00
12	38.00	38.00	40.00	41.00	42.00	43.00	44.00
10 x 10	36.00	36.00	38.00	39.00	40.00	41.00	42.00
12	38.00	38.00	40.00	41.00	42.00	43.00	44.00
12 x 12	38.00	38.00	40.00	41.00	42.00	43.00	44.00

ADDITIONS AND DEDUCTIONS PER M. B. M. TO THE ABOVE PRICES

	5,000 ft. B. M. or over	1,000–4,999 ft. B. M.
For working:		
1. Crosscutting for one cut, add	$1.00	$1.25
Each additional cut, add	.50	.75
2. Crosscutting square to exact length, add	2.00	2.25
3. Ripping, straight for one cut, add	1.00	1.25
Each additional cut, add	.50	.75
4. Ripping, taper, add	2.00	2.25
5. Saw sizing to exact width, add	1.00	1.25
6. Dressing S1S, S2S, S1E, S2E, add	2.00	2.25
7. Dressing S2S1E, S4S, S1S+M, S2S+M, S2S+SL, S2E1S, add	3.00	3.25
8. Any standard dressing and crosscutting to exact length, add	4.00	4.25

For width:
9. For widths wider than listed: For each inch or fraction thereof over 12″; to 12″ price add $1.00.
10. Specified fractional widths: Price as next wider standard width for which a price is provided and add the ripping charge.

For length:
11. For lengths longer than listed: For each 2 ft. or fraction thereof over 24 ft.; to 24 ft. price add $1.00.
12. Specified fractional lengths longer than 12 ft.: Price and compute footage as next longer standard length and add the crosscutting charge.
13. Specified fractional lengths shorter than 12 ft.: Price as shortest multiple for which a price is provided and add the crosscutting charge.

For thickness:
14. 2½″ thick: Compute footage as 2½″ and use 3″ price.
15. For thickness greater than listed: For each inch or fraction thereof over 12″; add to the 12″ price $1.00

TABLE 22.—ESTIMATED AVERAGE WEIGHTS FOR NEW YORK AND PENNSYLVANIA HEMLOCK

	Lbs. per M. B. M.
Lumber:	
Rough	4,000
Dressed	3,000

ARTICLE X—APPENDIX F: OTTAWA VALLEY WHITE AND NORWAY PINE PRICE TABLES

SEC. 40 *Application of Appendix F.* This section applies to white and Norway pine lumber which is shipped to a purchaser in the United States from mills located in that part of the Province of Ontario, east of the 85th meridian, and sold on the specifications and on the grades designated below.

SEC. 41 *Grading rules.* Grade terms used herein have the meaning set forth in the "Official Grading Rules for White Pine and Red or Norway Pine" adopted by the members of the White Pine Bureau, Toronto, Ontario, published July, 1940.

SEC. 42 *Maximum prices.* The maximum price, f. o. b. Niagara Falls, N. Y., for 1,000 feet board measure of Ottawa Valley white pine lumber in a rough air-dried condition, shall be as follows:

TABLE 22.—WHITE PINE (OTTAWA VALLEY)

C SELECT AND BETTER

Thickness (inches)	Width (inches)	Length (feet)	Price per M. B. M.
1	4/6	6/9	$71.50
1	6	6/9	76.25
1	7 and wider	6/9	85.25
1¼	4 and wider	6/9	98.75
1½	4 and wider	6/9	98.75
2	4 and wider	6/9	98.75
1	4/6	10/16	83.50
1	6	10/16	88.00
1	7 and wider (av. 8)	10/16	101.50
1¼	4/6	10/16	108.00
1½	4/6	10/16	108.00
2	4/6	10/16	108.00
1¼	7 and wider (av. 8½)	10/16	130.75
1½	7 and wider (av. 8½)	10/16	130.75
2	7 and wider (av. 8½)	10/16	130.75
3	6 and wider	10/16	176.25

"D" SELECTS

1	4/6	6/9	$64.25
1	7 and wider	6/9	73.50
1¼	4 and wider	6/9	73.50
1½	4 and wider	6/9	73.50
2	4 and wider	6/9	73.50
1	4	10/16	73.50
1	5	10/16	73.50
1	6	10/16	76.25
1	4/6	10/16	74.25
1	8	10/16	78.75
1	10	10/16	88.00
1	12	10/16	106.25
1	7 and wider	10/16	80.75
1¼	4/6	10/16	81.50
1¼	7 and wider	10/16	101.25
1½	4/6	10/16	81.50
1½	7 and wider	10/16	101.25
2	4/6	10/16	85.25
2	7 and wider	10/16	103.50
2½	6 and wider	8/16	130.75
3	6 and wider	8/16	135.25
4	6 and wider	8/16	139.75

No. 1 CUTS

1¼	6 and wider	8/16	$94.25
1½	6 and wider	8/16	112.50
2	6 and wider	8/16	112.50

No. 2 CUTS

1¼	6 and wider	8/16	$76.25
1½	6 and wider	8/16	92.50
2	6 and wider	8/16	92.50

No. 3 CUTS

1	6 and wider	6/16	$51.50
1¼	6 and wider	6/16	58.00
1½	6 and wider	6/16	66.25
2	6 and wider	6/16	66.25
2½ & 3	6 and wider	6/16	80.75

No. 1 AND 2 CUTS

1	6 and wider	8/16	$67.00
1¼	6 and wider	8/16	89.75
1½	6 and wider	8/16	102.50
2	6 and wider	8/16	102.50
2½	6 and wider	8/16	118.75
3	6 and wider	8/16	118.75

No. 1, 2, AND 3 CUTS (⅓ EACH)

1	6 and wider	8/16	$62.50
1¼	6 and wider	8/16	80.75
1½	6 and wider	8/16	90.75
2	6 and wider	8/16	90.75

TABLE 23.—WHITE PINE (OTTAWA VALLEY)—Continued

No. 1 AND 2 COMMON

Thickness (inches)	Width (inches)	Length (feet)	Price per M. B. M.
1	4 and wider	6/7	$49.75
1	4	8/16	61.50
1	5	8/16	59.75
1	6	8/16	59.75
1	7	8/16	59.75
1	8	8/16	61.50
1	9	8/16	63.50
1	10	8/16	72.50
1	11	8/16	78.00
1	12	8/16	82.50
1¼, 1½, 2	4 and wider	6/7	52.50
1¼, 1½, 2	4	8/16	65.25
1¼, 1½, 2	5	8/16	63.50
1¼, 1½, 2	6	8/16	63.50
1¼, 1½, 2	7	8/16	63.50
1¼, 1½, 2	8	8/16	65.25
1¼, 1½, 2	9	8/16	67.00
1¼, 1½, 2	10	8/16	77.00
1¼, 1½, 2	11	8/16	84.25
1¼, 1½, 2	12	8/16	88.75
3	4	8/16	67.00
3	6	8/16	67.00
3	8	8/16	68.75
3	10	8/16	80.75
3	12	8/16	90.75
4	4	8/16	68.75
4	6	8/16	68.75
4	8	8/16	68.75
4	10	8/16	80.75
4	12	8/16	90.75
5	5	8/16	80.75
6	6	8/16	82.50

SELECTED #3 COMMON (80% UPPER END No. 3)

1	4	8/16	$53.50
1	5	8/16	53.50
1	6	8/16	56.25
1	8	8/16	56.25
1	9	8/16	56.25
1	10	8/16	58.00
1	11	8/16	61.50
1	12	8/16	61.50
1¼, 1½, 2	4	8/16	55.25
1¼, 1½, 2	5	8/16	55.25
1¼, 1½, 2	6	8/16	58.00
1¼, 1½, 2	8	8/16	58.00
1¼, 1½, 2	9	8/16	58.00
1¼, 1½, 2	10	8/16	59.75
1¼, 1½, 2	11	8/16	63.50
1¼, 1½, 2	12	8/16	63.50

No. 3 COMMON

1	4	6/16	$48.75
1	5	6/16	48.75
1	6	6/16	51.50
1	7	6/16	51.50
1	8	6/16	51.50
1	9	6/16	51.50
1	10	6/16	53.50
1	11	6/16	56.25

TABLE 23.—WHITE PINE (OTTAWA VALLEY)—Continued

No. 3 COMMON—Continued

Thickness (inches)	Width (inches)	Length (feet)	Price per M. B. M.
1	12	6/16	$56.25
1¼, 1½, 2	4	6/16	50.75
1¼, 1½, 2	5	6/16	50.75
1¼, 1½, 2	6	6/16	53.50
1¼, 1½, 2	7	6/16	53.50
1¼, 1½, 2	8	6/16	53.50
1¼, 1½, 2	9	6/16	53.50
1¼, 1½, 2	10	6/16	55.25
1¼, 1½, 2	11	6/16	58.00
1¼, 1½, 2	12	6/16	58.00
3	4	10/16	53.50
3	5	10/16	53.50
3	6	10/16	55.25
3	7	10/16	55.25
3	8	10/16	55.25
3	9	10/16	56.25
3	10	10/16	57.00
3	11	10/16	58.75
3	12	10/16	58.75

No. 4 COMMON

1	4/9	6/16	$46.25
1	4	6/16	45.25
1	5	6/16	46.25
1	6	6/16	47.00
1	7	6/16	47.00
1	8	6/16	48.75
1	9	6/16	48.75
1	10	6/16	49.75
1	11	6/16	49.75
1	12	6/16	51.50
1¼, 1½, 2, 3	4/9	6/16	48.00
1¼, 1½, 2, 3	4	6/16	47.00
1¼, 1½, 2, 3	5	6/16	48.00
1¼, 1½, 2, 3	6	6/16	48.75
1¼, 1½, 2, 3	7	6/16	48.75
1¼, 1½, 2, 3	8	6/16	50.75
1¼, 1½, 2, 3	9	6/16	50.75
1¼, 1½, 2, 3	10	6/16	51.50
1¼, 1½, 2, 3	11	6/16	51.50
1¼, 1½, 2, 3	12	6/16	53.50

No. 5 COMMON

1	4/9	6/16	$42.50
1	10/12	6/16	46.25
1¼, 1½, 2, 3	4/9	6/16	42.50
1¼, 1½, 2, 3	10/12	6/16	46.25

No. 6 COMMON

1	4/9	6/16	$33.50
1	4 and wider	6/16	34.25
1	10 and wider	6/16	35.25
1¼	4 and wider	6/16	31.50
1½	4 and wider	6/16	34.25
2	4 and wider	6/16	37.00
3	4 and wider	6/16	37.00

TABLE 24.—NORWAY PINE—ROUGH (OTTAWA VALLEY)

Thickness (inches)	Width (inches)	Length (feet)	Price per M. B. M.
	Clear and Clear Face		
1	4/6	6 and up	$64.50
1	7 and up	6 and up	73.50
1¼	4/6	6 and up	69.00
1½	4/6	6 and up	69.00
2	4/6	6 and up	69.00
1¼	7 and up	6 and up	78.00
1½	7 and up	6 and up	78.00
2	7 and up	6 and up	78.00

TABLE 24.—NORWAY PINE—ROUGH—(OTTAWA VALLEY)—Continued

GRADE: MERCHANTABLE

Thickness (inches)	Length	Width								
		4"	5"	6"	7"	8"	9"	10"	11"	12"
1	R/L	$46.25	$46.25	$47.25	-------	$48.00	-------	$49.75	-------	$53.50
2	R/L	48.00	46.25	49.00	$49.75	49.75	$51.75	51.75	$55.25	55.25
3	R/L	49.00	-------	49.75	51.75	51.75	55.25	55.25	57.25	57.25
4	R/L	50.75	-------	51.75	53.50	53.50	57.25	57.25	59.00	59.00

GRADE: NO. 1 AND NO. 2 CULLS

Thickness (inches)	Length	Width					
		4"	5"	6"	8"	10"	12"
1	R/L	$38.00	$38.00	$39.75	$40.75	$41.75	$41.75
2	R/L	39.75	39.75	39.75	40.75	41.75	41.75
3	R/L	39.75	-------	40.75	42.50	43.50	43.50
4	R/L	39.75	-------	40.75	42.50	43.50	43.50

ADDITIONS AND DEDUCTIONS PER M. B. M. TO THE ABOVE PRICES

	5,000 ft. b. m.	4,999 ft. or less
For working:		
1. Crosscutting, for one cut, add	$1.00	$1.25
Each additional cut, add	.50	.75
2. Crosscutting square to exact non standard length, add	2.00	2.25
3. Ripping, straight, for one cut, add	1.00	1.25
Each additional cut, add	.50	.75
4. Ripping, taper, add	2.00	2.25
5. Saw sizing to exact width, add	1.00	1.25
6. Resaw, straight, 4" and narrower, add	2.00	2.25
7. Resaw, straight, wider than 4", add	1.50	1.75
Each additional cut, add	.50	.75
8. Resaw, bevel, 4" and narrower, add	2.00	2.25
9. Resaw, bevel, wider than 4", add	1.50	1.75
Each addition cut, add	.50	.75
10. Any standard dressing: S1S, S2S, S1E, S2E, S2S1E, S4S, S1S&M, S2S&M, S1S&SL, S2S&SL, add	2.00	2.25
11. Standard dressing and beading 1 side, add	3.00	3.25
12. Standard dressing and beading 2 side, add	3.50	3.75
13. Working to other standard patterns, add	4.00	4.25
14. Any standard dressing and crosscutting to exact length, add	3.00	3.25
15. Any standard dressing and resawing, add	3.00	3.25
16. Resawing one cut and dressing each piece, add	3.50	3.75
17. Dressing over standard but not up to full nominal, add	3.00	3.25
18. Resawing one cut in center, bevel resawing each piece, and bundling, add	5.00	5.25
19. Bundling, add	1.00	1.25
For width: (white pine only)		
20. 1 x 7 and wider 10/16 C select and better for each one inch over 8 inches in average width	3.00	-------
21. 1¼ x 7 and wider 10/16 C select and better; 1½ x 7 and wider 10/16 C select and better; 2 x 7 and wider 10/16 C select and better; for each one inch over 8½ inches in average width, add	5.00	-------

TABLE 25.—ESTIMATED AVERAGE WEIGHTS FOR OTTAWA VALLEY WHITE AND NORWAY PINE LUMBER

	Rough, lbs. per M. B. M.	Dressed, lbs. per M. B. M.
White pine	2,500	2,000
Norway	3,000	2,500

SEC. 43 *Transportation adjustment.* In the case of shipments of Ottawa Valley white or Norway pine to destinations in the United States other than Niagara Falls, N. Y., the maximum delivered price shall be computed as follows: From the maximum price, f. o. b. Niagara Falls, N. Y., deduct railroad freight from the point of shipment to Niagara Falls, N. Y., and add freight from point of shipment to destination. Freight shall be calculated on the lowest through rate and on the applicable estimated average weights set forth in Table 25 above. The final amount may be evened out to the nearest quarter of a dollar per M. B. M. No additions may be made to the maximum prices for the duty or for any charge or fees incurred in importation.

NOTE: All reporting and record-keeping requirements of this regulation have been approved by the Bureau of the Budget in accordance with the Federal Reports Act of 1942.

Effective date. This regulation shall become effective April 21, 1943.

Issued this 15th day of April 1943.

PRENTISS M. BROWN,
Administrator.

[F. R. Doc. 43-5914; Filed, April 15, 1943; 3:36 p. m.]

PART 1388—DEFENSE-RENTAL AREAS

[Max. Rent Reg. 53,[1] Amendment 8]

HOUSING ACCOMMODATIONS OTHER THAN HOTELS AND ROOMING HOUSES

The sixth paragraph of § 1388.287 is amended to read as follows:

The provisions of this section shall not apply to housing accommodations in the Cincinnati Defense-Rental Area so long as the maximum rent for such accommodations is established solely under paragraph (a) or (b) of § 1388.284: *Provided, however,* That no payment of rent need be made by any tenant of such accommodations unless the landlord tenders a receipt for the amount to be paid. A registration statement for housing accommodations in the Cincinnati Defense-Rental Area to which this section is applicable shall be filed on or before May 31, 1943, or within 30 days after the accommodations are first rented, or within 30 days after the provisions of this section become applicable to the accommodations, whichever date is the latest.

This amendment shall become effective April 16, 1943.

NOTE: All reporting and record-keeping requirements of this regulation have been approved by the Bureau of the Budget in accordance with the Federal Reports Act of 1942.

(Pub. Law 421, 77th Cong.)

Issued this 15th day of April 1943.

PRENTISS M. BROWN,
Administrator.

[F. R. Doc. 43-5915; Filed, April 15, 1943; 3:37 p. m.]

PART 1388—DEFENSE-RENTAL AREAS

[Max. Rent Reg. 54A,[1] Amendment 7]

HOTELS AND ROOMING HOUSES

Section 1388.337 is amended in the following respects:

1. The first sentence of paragraph (a) is amended to read as follows:

(a) Within 45 days after the effective date of this maximum rent regulation (or, as to rooms within the Alaska Defense-Rental Area, on or before March 15, 1943, or, as to rooms within the Cincinnati Defense-Rental Area, on or before May 31, 1943), every landlord of a room rented or offered for rent shall file a written statement on the form provided therefor, containing such information as the Administrator shall require, to be known as a registration statement.

2. The first sentence of paragraph (b) is amended to read as follows:

(b) Within 45 days after the effective date of this maximum rent regulation (or, as to housing accommodations within the Cincinnati Defense-Rental Area, on or before May 31, 1943), every landlord shall post and thereafter keep posted conspicuously in each room rented or offered for rent a card or sign plainly stating the maximum rent or rents for all terms of occupancy and for all numbers of occupants for which the room is rented or offered for rent.

3. Paragraph (f) is revoked.

This amendment shall become effective April 16, 1943.

NOTE: All reporting and record-keeping requirements of this regulation have been

[1] 7 F.R. 8596, 9784, 9821, 10717, 10845, 11115; 8 F.R. 123, 1027, 1230, 1231, 2108, 2673, 2780, 3734.

[1] 7 F.R. 8602, 9783, 9820, 10717, 11115; 8 F.R. 124, 434, 569, 1028, 1231, 3057.

approved by the Bureau of the Budget in accordance with the Federal Reports Act of 1942.

(Pub. Law 421, 77th Cong.)

Issued this 15th day of April 1943.

PRENTISS M. BROWN,
Administrator.

[F. R. Doc. 43-5919; Filed, April 15, 1943; 3:36 p. m.]

PART 1396—FINE CHEMICALS AND DRUGS

[RPS 101, as Amended, Correction to Order of Revocation]

CITRIC ACID

The order revoking Revised Price Schedule No. 101, as amended, issued March 29, 1943, is corrected to read as follows:

Revised Price Schedule No. 101, as amended (§§ 1396.1 to 1396.11, inclusive) is hereby revoked.

(Pub. Laws 421 and 729, 77th Cong.; E.O. 9250, 7 F.R. 7871)

Issued this 15th day of April, 1943.

PRENTISS M. BROWN,
Administrator.

[F. R. Doc. 43-5918; Filed, April 15, 1943; 3:36 p. m.]

PART 1407—RATIONING OF FOOD AND FOOD PRODUCTS

[RO 16,[1] Amendment 10]

MEAT, FATS, FISH AND CHEESES

A rationale accompanying this amendment, issued simultaneously herewith, has been filed with the Division of the Federal Register.*

Section 4.17 is added to read as follows:

SEC. 4.17 *Policy against discrimination.* It is the policy of Ration Order No. 16 that no slaughterer distributing meat through its own branch houses or comparable agencies of distribution, and no branch house or agency of any such slaughterer, shall discriminate in the sale or distribution of meat available for civilian consumption against any independent wholesaler, processor, hotel supplier, fabricator, peddler, purveyor, distributor, or other middleman customarily supplied by such slaughterer, branch house, or agency during the year immediately preceding October 1, 1942.

This amendment shall become effective April 15, 1943.

(Pub. Law 671, 76th Cong., as amended by Pub. Laws 89, 421, 507 and 729, 77th Cong.; E.O. 9125, 7 F.R. 2719; E.O. 9280, 7 F.R. 10179; W.P.B. Dir. 1, 7 F.R. 562, and Supp. Dir. 1-M, 7 F.R. 7234; Food Dir. 1, 8 F.R. 827; Food Dir. 3, 8 F.R. 2005; Food Dir. 5, 8 F.R. 2251; Food Dir. 6, 8 F.R. 3471; Food Dir. 7, 8 F.R. 3471)

Issued this 15th day of April 1943.

PRENTISS M. BROWN,
Administrator.

[F. R. Doc. 43-5916; Filed, April 15, 1943; 3:36 p. m.]

*Copies may be obtained from the Office of Price Administration.

[1] 8 F.R. 3591, 3715, 3949, 4137, 4350, 4423, 4721, 4784.

PART 1499—COMMODITIES AND SERVICES

[Order 230 Under § 1499.18 (b) of GMPR]

KEYSTON BROS.

Order No. 230 Under § 1499.18 (b) of the General Maximum Price Regulation; (Docket No. GF3-708).

For the reasons set forth in the opinion issued simultaneously herewith, *It is ordered:*

§ 1499.1830 *Adjustment of maximum prices for sales of harness and saddlery items to Montgomery Ward and Company by Keyston Bros.* (a) On and after April 15, the maximum prices at which Keyston Bros., 755 Mission Street, San Francisco, California, may sell and deliver and Montgomery Ward and Company, Inc., Oakland, California, may buy and receive the following harness and saddlery items shall be:

407 Harness 2"	$45.06	set
431 Harness 2"	63.89	set
436 Harness 1¾"	52.40	set
437 Harness 2"	53.50	set
443 Harness	33.07	set
532 Harness	26.01	set
533 Harness	31.15	set
1018 Saddle:		
14"	49.39	each
15"	49.39	each
1019 Saddle:		
14"	48.09	each
15"	48.09	each
1043 Pack saddle	9.23	each
1102 Blk. bridle	20.85	doz.
1102 Rus. bridle	20.85	doz.
1103 Collar	2.29	each
1104 Collar	2.74	each
1105 Collar	4.54	each
1111 Split ear head	1.61	each
1117 Bridle	35.13	doz.
1166 Stir. leas 2¾"	34.07	doz. pr.
1185 Bridle reins ⅝"	8.93	doz. pr.
1186 Bridle reins ¾"	10.44	doz. pr.
1187 Bridle reins ⅞"	11.88	doz. pr.
1188 Pack saddle bags	8.13	pair
1233 Cinchas	11.25	doz.
1234 Saddle billets 1¾"	6.91	doz.
1235 Saddle billets 2"	8.02	doz.
1236 Saddle billets 2¼"	8.30	doz.
1637 Leather hobbles	9.50	doz. pr.
2444 Martingale	3.61	each
2445 Headstall	27.28	doz.
2493 Tapaderos 22"	15.08	pair
2494 Tapaderos 22"	11.73	pair
2495 Tapaderos 22"	10.38	pair
1122 Breast collar	2.75	each
1123 Breast collar	3.20	each
1124 Breast collar	5.00	each
1161 Riding belts 32" 34" 36" 38"	18.94	doz.
1156 Stirrup leas 2"	29.54	doz. pr.
1157 Stirrup leas 2½"	34.04	doz. pr.
1158 Stirrup leas 3"	39.74	doz. pr.
1165 Spur straps	5.70	doz. pr.
8574 Stirrup tead	3.62	doz. pr.
1257 Ex hvy halter	$25.22	doz.
1258 Halter	12.85	doz.
1259 Halter	16.54	doz.
1264 Cow halter	7.44	doz.
1265 Pony halter	11.19	doz.
1268 Halter	15.50	doz.
1272 Yearling halter	10.81	doz.
1273 Calf halter	6.47	doz.
1281 Halter	19.98	doz.
1287 Lge halter	20.35	doz.
1288 Cow halter	9.26	doz.
1289 Cow halter	10.55	doz.
1305 Team lines	66.48	doz. sets
1307 Team lines	77.64	doz. sets
1309 Team lines	51.66	doz. sets
1310 Team lines	55.13	doz. sets
1311 Team lines	59.00	doz. sets
1312 Team lines	55.63	doz. sets
1313 Team lines	61.37	doz. sets
1316 Team lines	39.65	doz. sets
1318 Team lines	43.82	doz. sets
1319 Team lines	47.14	doz. sets
1320 Team lines	49.58	doz. sets
1321 Team lines	52.96	doz. sets
1323 Team lines	59.24	doz. sets
1325 Team lines	51.10	doz. sets
1327 Team lines	57.28	doz. sets
1333 Team lines	69.86	doz. sets
1334 Team lines	63.06	doz. sets
1347 Plow lines	32.95	doz. sets
1631 Thoat latch	2.07	doz.
1640 Chain piping	2.71	set
1641 Chain piping	3.28	set
1643 Bellyband billets	2.96	doz.
1644 Bellyband billets	3.23	doz.
1645 Cow bell straps	1.13	doz.
1646 Cow bell straps	1.39	doz.
1647 Cow bell straps	9.20	doz.
1648 Plow bellybands	1.59	doz.
1649 Team breeching	10.92	set
1662 Back and bellybands	45.60	doz. pr.
1663 Back and bellybands	51.95	doz. pr.
1666 Chain piping	3.47	set
1667 Chain piping	3.86	set
1668 Chain piping	4.17	set
1672 Hame straps	.67	set
1679 Back and hip straps	47.64	doz. pr.
1680 Back and hip straps	54.48	doz. pr.
1681 Back and hip straps	61.20	doz. pr.
1682 Back and hip straps	68.76	doz. pr.
1683 Back and hip straps	81.38	doz. pr.
1695 Hame straps	3.25	doz.
1696 Hame straps	3.38	doz.
1698 Hame straps	3.20	doz.
2292 Ring spreaders	7.74	doz. pr.
2293 Ring spreaders	7.99	doz. pr.
2295 Ring spreaders	3.98	doz. pr.
2309 Team lines	56.97	doz. sets
2310 Team lines	62.56	doz. sets
2314 Hame straps	3.31	doz.
2316 Hame straps	3.59	doz.
2317 Hame straps	3.59	doz.
2318 Hame straps	3.88	doz.
2319 Hame straps	3.89	doz.
2320 Team bridles	34.78	doz.
2322 Team bridles	37.75	doz.
2323 Team bridles	40.28	doz.
2331 Team traces	14.90	set
2332 Team traces	16.49	set
2333 Team traces	17.63	set
2334 Team traces	18.75	set
2341 Team traces	14.18	set
2342 Team traces	15.50	set
2606 Saddle	63.04	each
2621 Head and reins	18.58	doz.
2623 Head and reins	25.03	doz.
2627 Head and reins	43.90	doz.
2630 Head and reins	33.15	doz.
2631 Head and reins	24.70	doz.
2635 Martingale	15.03	doz.
2636 Martingale	24.65	doz.
2639 Spur leathers	5.86	doz. pr.
2640 Spur leathers	5.56	doz. pr.
2692 Saddle 14 inches	70.24	each
2696 Twin diamond saddle	60.56	each
1413 Traces 2¼"	19.47	set

1414	Traces 2½"----------	$20.57 set
1459	Team bridle----------	32.02 doz.
1460	Team bridle----------	63.00 doz.
1461	Team bridle----------	36.11 doz.
1464	Team bridle----------	39.49 doz.
1484	Team bridle----------	23.55 doz.
1486	Team bridle----------	25.20 doz.
1505	Pole strap----------	18.83 doz.
1506	Pole strap----------	19.88 doz.
1507	Breast strap----------	8.64 doz.
1508	Breast strap----------	9.76 doz.
1509	Breast strap----------	11.13 doz.
1512	Breast strap----------	15.83 doz.
1515	Pole strap----------	13.41 doz.
1516	Pole strap----------	10.28 doz.
1517	Pole strap----------	10.74 doz.
1518	Pole strap ----------	8.40 doz.
1519	Pole strap----------	9.67 doz.
1520	Pole strap----------	10.97 doz.
1524	Hame straps----------	2.73 doz.
1525	Hame straps----------	2.95 doz.
1529	Hame straps----------	3.26 doz.
1533	Hame straps----------	2.12 doz.
1535	Hame straps----------	2.20 doz.
1542	Hame straps----------	2.47 doz.
1560	Cow bell straps------	3.08 doz.
1561	Cow bell straps------	4.06 doz.
1562	Cow bell straps------	4.96 doz.
1563	Cow bell straps------	6.44 doz.
1569	Team pads----------	33.20 doz. pr.
1574	Back band----------	31.58 doz. pr.
1580	Team pads----------	44.66 doz. pr.
1584	Team breeching------	3.08 each
1585	Team breeching------	3.44 each
1592	Yankee breeching----	3.84 pair
1596	Yankee breeching----	3.95 pair
1599	Side straps----------	6.30 doz.
1600	Side straps----------	6.86 doz.
1603	Side straps----------	7.57 doz.
1610	Crupper and fork-----	8.40 doz.
1613	Crupper-------------	5.32 doz.
1614	Lazy strap----------	4.03 doz.
1620	Hitch rein----------	4.02 doz.
1621	Hitch rein----------	4.65 doz.
1622	Hitch rein----------	5.34 doz.
1623	Hitch rein----------	6.58 doz.
2350	Chain traces butt----	14.73 set
2351	Chain traces butt----	15.48 set
2356	Team breeching------	16.60 set
2360	Divided team breech----------	14.93 set
2377	Team pads russet, blk----------	45.36 doz. pr.
2378	Team pads russet, blk----------	44.40 doz. pr.
2385	Folded bellyband----	10.18 doz.
2386	Folded bellyband----	9.66 doz.
2392	Breast strap----------	17.23 doz.
2422	Russet halter-------	25.05 doz.

(b) The maximum prices authorized by this order are subject to discounts, allowancer and terms no less favorable than those in effect on sales of harness and saddlery items by Keyston Bros. to Montgomery Ward and Company, Inc. during March 1942.

(c) This Order No. 230 may be revoked or amended by the Price Administrator at any time.

(d) This Order No. 230 (§ 1499.1830) is hereby incorporated as a section of Supplementary Regulation No. 14 which contains modifications of maximum prices established by § 1499.2.

(e) This Order No. 230 (§ 1499.1830) shall become effective April 15, 1943.

(Pub. Laws 421 and 729, 77th Cong.; E.O. 9250, 7 F.R. 7871)

Issued this 15th day of April 1943.

PRENTISS M. BROWN,
Administrator.

[F. R. Doc. 43-5917; Filed, April 15, 1943; 8:36 p. m.]

PART 1305—ADMINISTRATION

[Supp. Order 42]

EXCEPTION OF SALES TO GOVERNMENT AGENCIES PURSUANT TO SECRET CONTRACTS OR SUBCONTRACTS

A statement of the considerations involved in the issuance of this supplementary order, issued simultaneously herewith, has been filed with the Division of the Federal Register.*

§ 1305.57 *Exception of sales to Government agencies pursuant to secret contracts or subcontracts.* (a) No price regulation of the Office of Price Administration shall apply to sales or deliveries of any commodity or service made under a contract or subcontract that is officially classified as "Secret" and certified as such to the Office of Price Administration by the United States or any agency thereof, or by the government or any agency thereof of any country whose defense the President deems vital to the defense of the United States under the terms of the Act of March 11, 1941, entitled "An Act to Promote the Defense of the United States." Such certification shall set forth the date of the secret contract or subcontract and its number or other designation. The certifying Government agency shall notify the Office of Price Administration whenever such contract or subcontract ceases to be secret, and thereafter this exception shall not apply.

(b) As used herein, the term: "price regulation" means a price schedule effective in accordance with the provisions of section 206 of the Emergency Price Control Act of 1942, a maximum price regulation or temporary maximum price regulation heretofore or hereafter issued by the Office of Price Administration, or any amendment or supplement thereto or order heretofore or hereafter issued thereunder.

(c) This Supplementary Order No. 42 shall become effective April 22, 1943.

(Pub. Laws 421 and 729, 77th Cong.; E.O. 9250, 7 F.R. 7871)

Issued this 16th day of April 1943.

PRENTISS M. BROWN,
Administrator.

[F. R. Doc. 43-5948; Filed, April 16, 1943; 11:55 a. m.]

PART 1306—IRON AND STEEL

[RFS 43 as Amended,[1] Amendment 3]

USED STEEL DRUMS, PAILS AND CONTAINERS

A statement of considerations involved in the issuance of this amendment has been issued simultaneously herewith and filed with the Division of the Federal Register.*

Revised Price Schedule No. 43, as amended, is amended in the following respect:

Section 1306.209 (a) (10) is amended by deleting the phrase "and is sold to a filler".

This amendment shall become effective April 22, 1943.

(Pub. Laws 421 and 729, 77th Cong.; E.O. 9250, 7 F.R. 7871)

Issued this 16th day of April 1943.

PRENTISS M. BROWN,
Administrator.

[F. R. Doc. 43-5949; Filed, April 16, 1943; 11:55 a. m.]

PART 1382—HARDWOOD LUMBER

[MPR 368]

NORTHEASTERN HARDWOOD LUMBER

In the judgment of the Price Administrator, the maximum prices established by this regulation are and will be generally fair and equitable and will effectuate the purposes of the Emergency Price Control Act of 1942, as amended. A statement of the considerations involved in the issuance of this regulation has been issued simultaneously herewith and filed with the Division of the Federal Register.*

§ 1382.30 *Maximum prices for Northeastern hardwood lumber.* Under the authority vested in the Price Administrator by the Emergency Price Control Act of 1942, as amended, and Executive Order No. 9250, Maximum Price Regulation No. 368 (Northeastern Hardwood Lumber), which is annexed hereto and made a part hereof, is hereby issued.

AUTHORITY: § 1382.301, issued under Pub. Laws 421 and 729, 77th Cong.; E.O. 9250, 7 F.R. 7871.

MAXIMUM PRICE REGULATION NO. 368—NORTHEASTERN HARDWOOD LUMBER

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*Copies may be obtained from the Office of Price Administration.

[1] 7 F.R. 4297, 8948, 10527; 8 F.R. 3188.

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ARTICLE I—PROHIBITION AND SCOPE OF REGULATION

SECTION 1 *Over-ceiling prices prohibited.* On and after April 21, 1943, regardless of any contract or other obligations, no person shall sell or deliver, and no person shall buy in the course of trade or business, any Northeastern hardwood lumber for direct mill shipment at prices higher than the maximum prices fixed by this regulation, and no person shall agree, offer, or attempt to do any of these things.

SEC. 2 *Less than maximum prices.* Prices lower than the maximum prices may, of course, be charged and paid.

SEC. 3 *Lumber in transit.* If lumber has been received before April 21, 1943, by a carrier, other than one owned or controlled by the seller, for shipment to a buyer, that shipment is not subject to this regulation. It remains subject to the terms of the General Maximum Price Regulation.

SEC. 4 *What transactions are covered*—(a) *Direct-mill shipments.* This ceiling applies to all shipments originating at a mill, no matter who the seller is, and no matter whether he usually is known as a mill, concentrator, wholesaler, retailer or anything else. It does not apply to sales out of distribution yard stock. A shipment is regarded as originating at a mill if the lumber reaches the purchaser without ever becoming an integral part of the stock of a distribution yard. A sale is considered a sale out of distribution yard stock only if the lumber was a part of regular yard stock at the time the sale was made.

(b) *How to tell a mill from a distribution yard*—(1) *General tests.* The term "mill", as used here, covers what are known in the trade as sawmills, planing mills and concentration yards. Three types of establishments are described below: the first, (i), a typical sawmill or planing mill; the second, (ii), a typical concentration yard; and the third, (iii), a typical distribution yard. An establishment which resembles a typical sawmill or planing mill or a typical concentration yard more than it does a typical distribution yard is considered a mill; and one which resembles a typical distribution yard more than it does a typical sawmill or planing mill or a typical concentration yard is considered a distribution yard.

(i) A "typical sawmill or planing mill" is an establishment which is chiefly engaged in manufacturing lumber from logs or rough lumber by sawing or planing; which is located in or near a lumber producing area; which makes and sells Northeastern hardwood lumber.

(ii) A "typical concentration yard" is an establishment which concentrates and prepares lumber for commercial shipment; which keeps in stock mostly Northeastern hardwood lumber; which has its lumber brought in chiefly in rough green form by truck from small local sawmills and sells chiefly for rail shipment; and which has been located at its particular site to be near the lumber producing area.

(iii) A "typical distribution yard" is a wholesale or retail lumber yard which gets lumber from mills or other yards; unloads, sorts, stores, and resells or redistributes it; which regularly maintains a varied stock of lumber from different regions; which gets its lumber mostly by rail and sells mostly for truck shipment; which is equipped to make quick deliveries of many different items of lumber; and which has been located at its particular site in order to be near a lumber consuming area.

(2) *New yards.* In order to prevent violation of this regulation by unnecessarily routing through yards, the Office of Price Administration will not recognize distribution yards set up after April 21, 1943, unless the new yard writes to the Office of Price Administration, Washington, D. C., and proves that it satisfies the requirements of the definition and that the purpose is not to get around this regulation by means of unnecessary yard business. Until approval is received, the new yard cannot consider itself a distribution yard for the purpose of this regulation.

SEC. 5 *What products are covered.* (a) This regulation covers all Northeastern hardwood lumber, whether the grades, sizes and specifications are specifically named in the price tables or not. All grade terms have the meaning given in the "Rules for the Measurement and Inspection of Hardwood Lumber" issued by the National Hardwood Lumber Association, effective January, 1943.

(b) This regulation covers, under the name of "Northeastern hardwood lumber", all lumber produced from the following botanical species, and processed into lumber at mills located in the Northeastern hardwood area: tough white ash (Fraxinus americana), beech (Fagus americana), hard maple (Acer saccharum), yellow poplar (Liriodendron tulipifera), and the commercial species of the genera basswood (Tilia), birch (Betula), soft elm (Ulmus), soft maple (Acer), chestnut (Castanea dentata), hickory (Hicoria), cherry (Prunus), and oak (Quercus).

(c) The "Northeastern hardwood area" includes the States of Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, New Jersey, Pennsylvania, Delaware, all of the state of Maryland except the counties of Garrett, Allegany, Washington, and Frederick, and the Dominion of Canada east of the 85th meridian.

SEC. 6 *What persons are covered.* Any person who makes the kind of sale or purchase described above, for himself or others, is subject to this regulation. The term "person" includes an individual, corporation, partnership, association, or any other organized group; their legal successors or representatives; the United States, or any Government, or any of their political subdivisions, or any agencies of the foregoing.

SEC. 7 *Relation to other regulations*—(a) *General Maximum Price Regulation.*[1] Any sale or delivery covered by Maximum Price Regulation No. 368 is not subject to the General Maximum Price Regulation.

(b) *Revised Maximum Export Price Regulation.*[2] The maximum price for export sales of Northeastern hardwood lumber is governed by the Revised Maximum Export Price Regulation.

ARTICLE II—HOW TO FIGURE MAXIMUM F. O. B. MILL AND DELIVERED PRICES

SEC. 8 *Basic prices.* The maximum f. o. b. mill prices for domestic Northeastern hardwood lumber are set forth in Appendices A and B and for imported Northeastern hardwood lumber, in Appendix C.

SEC. 9 *Deductions for cash.* If cash is paid, the maximum price must be reduced by the seller's October, 1941, cash discount. For example, if this discount was 2% and the maximum price without cash discount is $30, the maximum price when cash is paid is $29.40. Exception: on specific written allocations issued by the Office of the Chief of Engineers, War Department, the terms 30 days net may be used by the seller regardless of his established practice.

SEC. 10 *Retail type sales excepted.* A "retail type" direct-mill sale is not subject to this regulation. A "retail type" direct-mill sale means a sale of not more than 2,000 feet of lumber in which the purchaser requests delivery to a point not more than 20 miles from the mill at which the shipment originates. It

[1] 8 F.R. 3096, 3849, 4347, 4486.
[2] 7 F.R. 5059, 7242, 8829, 9000, 10530; 8 F.R. 3846.

includes only sales of lumber to contractors or consumers for use in construction, remodeling, repair, maintenance, fabrication, or remanufacture, and it does not include sales for resale in substantially the same form. "Retail type" direct-mill sales remain subject to the General Maximum Price Regulation.

SEC. 11 *Transportation additions: domestic*—(a) *Private truck.* Where a domestic shipment is exclusively by motor vehicle owned or controlled by the seller, the addition to the f. o. b. mill prices for transportation may be no greater than the actual cost to the seller of delivery by motor vehicle; and in no event shall the charge exceed the rail carload rate for the most nearly comparable haul applied to the quantity actually shipped.

(b) *Common or contract carrier.* For common or contract carrier shipments, the maximum transportation addition shall be either the rate times the estimated weights in Appendix D, or the actual amount paid to the carrier. When estimated weights are used, the delivered price shall be evened out to the nearest quarter-dollar per 1,000 feet.

(c) *Truck delivery after rail haul.* Where the shipment is by rail followed by truck delivery, the amount added for transportation may include, in addition to the amount added for rail transportation, the actual cost of truck delivery.

(d) *Trucking to rails.* Where a truck haul precedes the rail haul, as where a mill located away from a railhead hauls lumber by truck to the railhead, no addition may be made for the truck haul. However, in the following three cases a mill may apply to the Lumber Branch of the Office of Price Administration, Washington, D. C., for special permission to make an addition:

(1) Where the mill was located away from rail connections because it specialized in water-borne lumber, and where shortage of shipping has forced it to operate by rail;

(2) Where the mill prior to the shortage of tires and gasoline shipped lumber to the particular final destination principally by all-truck haul, and now wishes to convert to truck-and-rail haul to save tires and gasoline;

(3) Where a mill's rail connection has been abandoned since September 5, 1941.

(e) *Transportation to planing mill.* Where the lumber is shipped by rail from a mill having milling-in-transit arrangements with a carrier to a planing mill, owned by the same person, for further processing before delivery to the purchaser, that person may apply for permission to figure transportation charges on the basis of the through rail freight rate from the first mill to final destination in the following case:

(1) Where the hurricane of September, 1938, damaged and destroyed a substantial portion of the timber near which the joint sawmill and planing mill operation had been located, so that the operator has been compelled to rely primarily on more distant sources of timber and has moved the sawmill near the source of supply; and

(2) Where it has not been practicable to move the planing mill because of excessive moving costs, shortages of mill labor and insufficient standing timber in any single location.

The application should be made by letter to the Lumber Branch, of the Office of Price Administration, Washington, D. C., and may be acted upon by letter. The addition may not be made on quotations or sales until permission has been received.

SEC. 12 *Transportation additions for imported lumber.* In the case of sales of imported lumber the transportation charges that may be added to the maximum basic prices are specifically set forth in Article VII, Appendix C.

SEC. 13 *Mixed cars.* The following additions per M may be made where the purchaser (or purchasers, in the case of a pool car) orders an item consisting of one species, thickness and grade, in the following quantities:

Quantity ordered:	*Addition per M*
3,000 to 4,000 ft	$1.00
2,000 to 2,999 ft	2.00
1,000 to 1,999 ft	2.50
999 ft. and less	3.00

ARTICLE III—SPECIFIC DUTIES AND PROHIBITED PRACTICES

SEC. 14 *What the invoice must contain*—(a) *General.* Because of the large number of possible additions to the basic maximum prices, it is necessary that some of them be separately shown on the invoice. Otherwise the purchaser and the Office of Price Administration could not tell in many cases whether a price which appeared to be above the ceiling was legal or not. Failure to invoice properly is just as much a violation of this regulation as charging an excessive price.

(b) *Basic price.* All invoices must contain a complete description of the lumber to show whether the price is proper or not. Any working, specification, or extra which affects the maximum price must be mentioned in the description. The amount added for these does not have to be separately shown.

(c) *Transportation charges.* In delivered sales, the invoice must contain the:

(1) Point of origin of shipment;

(2) Destination;

(3) Rail rate, (if estimated weights are used; otherwise the actual amount added for transportation); and in the case of the sales of imported lumber, the method of calculation of the freight addition;

(4) The words "direct-mill shipment".

(d) *Delivery and custom milling or kiln drying charges.* Any separate charge which the seller is permitted to make for the following must be separately shown on the invoice:

(1) Truck delivery after rail haul, or trucking to railhead.

(2) Custom milling or kiln drying. The invoice of the custom mill or kiln must be attached to the lumber invoice of the seller.

(e) *Different freight rates.* When a single order, for which a single flat delivered price was quoted and accepted, is shipped from two or more mills to a single destination on varying freight rates, the seller may average-out the transportation charges. For example, if a wholesaler bids $33.00 per MBM on a single order of a hundred thousand feet of lumber, the ceiling price being $30.00 per MBM and the estimated freight $3.00, he can ship half of it on a rate resulting in a $2.00 freight charge and half on a rate resulting in a $4.00 freight charge. Where this practice is adopted, the seller must observe all of the following conditions:

(1) Each invoice must state that the particular shipment is part of a larger order and identify the order. It must also show the individual rates for each shipment or delivery.

(2) The transportation charges which may be made and collected for each shipment or delivery, on account, must not exceed the average transportation charge figured on the entire order or the actual transportation charge for the particular shipment based upon the permitted estimated weights, whichever is lower.

(3) Upon completion of the order the seller must render a final invoice showing the individual f. o. b. mill prices separately, the amount shipped from each mill, the freight charge for each shipment, and a reconciliation of the total amount so computed with the agreed delivered selling prices and also with the maximum prices permitted by this regulation. Final payment and all necessary adjustments between buyer and seller are to be made upon the final reconciliation.

SEC. 15 *Records.* All sellers of Northeastern hardwood lumber must keep records which show a complete description of items of lumber sold, the name and address of the buyer, the date of the sale and the price. Buyers must keep similar records, including the name and address of the seller. These records must be kept for any month in which the seller or buyer sold or bought 5,000 feet board measure or more of Northeastern hardwood lumber. They must be kept for two years for inspection by the Office of Price Administration.

SEC. 16 *Prohibited practices*—(a) *General.* Any practice which is a device to get the effect of a higher than ceiling price without actually raising the dollars-and-cents price is as much a violation of this regulation as an outright over-ceiling price.

(b) *Specific practices.* The following are some of the specific practices prohibited.

(1) Getting the effect of a higher price by changing credit practices from what

they were in October 1941. This includes decreasing credit periods or making greater charges for extension of credit. In any case, on sales made through the Office of the Chief of Engineers, War Department, terms of 30 days net may be used.

(2) Refusing, without good reason, to ship lumber in standard grades and on grade-rule range widths and lengths.

(3) Breaking up a transaction into small orders or small deliveries in an attempt to take it out of this regulation.

(4) Grading as a special grade lumber which can be graded as a standard grade; wrongly or falsely grading or invoicing lumber in any way.

(5) Making additions for special specifications, services, or other extras which are not specifically permitted.

(6) Unnecessarily routing lumber through a distribution yard.

(7) Quoting a gross price above the maximum price, even if accompanied by a discount the effect of which is to bring the net price below the maximum.

(8) Making the buyer take something he does not want in order to get what he does want; for example, making a buyer who orders No. 2 Common take all the upper grades that develop.

(9) Getting a higher price by charging the buyer for ripping or resawing, or charging on the basis of an original size larger than the item actually delivered except where the items ordered and delivered are non-standard sizes not specifically priced in the tables.

(c) *Adding commission to ceiling prohibited.* It is unlawful for any person to charge, receive or pay a commission for the service of procuring, buying, selling or locating lumber, or for any related service (such as "expediting") which does not involve actual physical handling of lumber, if the commission plus the purchase price results in a total payment by the buyer of lumber which is higher than the maximum price of the lumber. For purposes of this regulation, a commission is any service charge or payment which is figured either directly or indirectly on the basis of the quantity, price or value of the lumber in connection with which the service is performed.

SEC. 17 *Adjustable pricing.* A price may be made adjustable to the maximum price in effect at the time of delivery. In an appropriate situation, where a petition for amendment requires extended consideration, the Price Administrator may, upon application, grant permission to agree to adjust prices upon deliveries made during the pendency of the petition in accordance with the disposition of the petition.

ARTICLE IV—MISCELLANEOUS

SEC. 18 *Petitions for adjustment or amendment*—(a) *Government contracts.* (1) The term "government contract" is used here to include any contract with the United States or any of its agencies, or with the government or any governmental agency of any country whose defense the President deems vital to the defense of the United States under the terms of the Act of March 11, 1941, entitled "An Act to promote the defense of the United States". It also includes any subcontract under this kind of contract.

(2) Any person who has entered into or proposes to enter into a "government contract" and who believes that a maximum price in this regulation impedes or threatens to impede production of Northeastern hardwood lumber essential to the war program and which is or will be the subject of the contract, may file an application for adjustment in accordance with Procedural Regulation 6,[3] issued by the Office of Price Administration.

(3) As soon as the application is filed, contracts, deliveries, and payments may be made at the requested price subject to refund if the requested price is disapproved or lowered. The seller must tell the buyer that the delivery is made subject to such refund.

(b) *Petitions for amendment.* Any person seeking an amendment of any provision of this regulation may file a petition for amendment in accordance with the provisions of Revised Procedural Regulation 1,[4] issued by the Office of Price Administration.

SEC. 19 *Enforcement* (a) Persons violating any provision of this regulation are subject to the criminal penalties, civil enforcement actions, suits for treble damages, and proceedings for suspension of licenses provided for by the Emergency Price Control Act of 1942 as amended.

(b) War procurement agencies and their contracting or paying finance officers are not subject to any liability, civil or criminal, imposed by this regulation. Persons who make sales covered by this regulation to war procurement agencies, however, are subject to all the liabilities imposed by this regulation. "War procurement agencies" include the War Department, the Navy Department, the United States Maritime Commission and the Lend-Lease Section in the Procurement Division of the Treasury Department, or any of their agencies.

SEC. 20 *Licensing.* All sellers under this regulation, except mills, are licensed by Supplementary Order 18. This order, in brief, provides that a license is necessary except for mills to make sales under this regulation. A license is automatically granted to all sellers making these sales. It is not necessary to apply specially for the license, but a registration may later be required. The Emergency Price Control Act of 1942, as amended, and Supplementary Order 18 tell the circumstances under which licenses may be suspended. The license cannot be transferred.

[3] 7 F.R. 5087, 5664.
[4] 7 F.R. 8961, 8 F.R. 3313, 3533.

SEC. 21 *Grades, specifications and extras not specifically priced.* (a) Northeastern hardwood lumber, sold on special grades or specifications, or with special services or other extras not specifically mentioned in Appendices A, B, and C is nevertheless subject to this regulation. The maximum price is a price which bears the October 1941 relation to the most comparable standard item. The seller should find his price difference between the special item and this most comparable standard item in October 1941 or the first month before that in which he had sales of both items, or if this is impossible, the price differential he would have used. This difference is then added to or subtracted from the maximum price of the comparable standard grade, and the result is the maximum price for the special grade. This price must be reported to the Office of Price Administration, Washington, D. C., on OPA Form 675–1, given in paragraph (d) below, within 30 days from the date of entering into the contract for sale of the special grade. The reported price may be ordered reduced, if it is found to be excessive. But if the price is not disapproved within 30 days of the receipt of the report, it is approved.

(b) A seller using this pricing section can go ahead with delivery of the lumber and collection of the price he has computed or requested. But he must tell the buyer that the price is subject to revision within the thirty-day period, and, if the price is ordered reduced, must refund any excess over the final approved price.

(c) For the purposes of this section the term Northeastern hardwood lumber shall include all items of lumber in the species set forth in paragraph (b) of section 5, but shall not include the following items: (The term "items" includes specifications, workings, services, and/or extras.)

(1) Glued stock.
(2) Moulding.
(3) Shiplap.
(4) Risers, step treads, thresholds, handrails.
(5) Bevel drop siding.
(6) Flooring.
(7) Switch, cross, and mine ties.
(8) Mine material.
(9) Small dimension stock.
(10) Lath.

(d) OPA Form 675–1 is as follows:

OPA Form 675–1
4–43

Form Approved
Budget Bureau No. 08–R207

OFFICE OF PRICE ADMINISTRATION

LUMBER BRANCH

Hardwood Section

Report of Sales of Northeastern Hardwood Lumber in Special Grades (other than Combination Grades) or Specifications, or sold with special services or other extras.

Company _____
Address _____
Mill location _____

Sales of special stocks of lumber

(As defined in section 21 of Maximum Price Regulation No. 368)

This report must be filed with the Lumber Branch of the Office of Price Administration, Washington, D. C., within 30 days of the date on which the producing mill enters into a contract for the sale of Northeastern hardwood lumber in a special grade (other than a combination grade) or specification, or with special services or other extras.

Date of order_____
Origin of shipment_____
Order No _____
Destination of shipment_____
Purchaser_____
(Name and address)
F. o. b. mill price_____
(Including discounts or commissions, if any)
_____
(Species) (Thickness) (Widths) (Lengths)
_____
(Designation of grade, specification, special services, or other extras)
Differential in relation to most comparable standard grade or item which was employed or would have been employed during October 1–15, 1941 _____
_____
Most comparable standard grade or item to which differential is applied _____
_____
Complete description of special grade, specification, special services, or other extras (including a statement whether the lumber is rough or machined and is air dried, kiln dried, or green) _____
_____
_____
Detailed explanation of how maximum price was computed or built up _____
_____
_____
_____ _____
(Name) (Office or title)

ARTICLE V—APPENDIX A: DOMESTIC NORTHEASTERN HARDWOOD LUMBER: PRICE TABLES ON STANDARD OR NEAR-STANDARD GRADES

SEC. 22 *Application of Appendix A.* Appendix A applies to all domestic Northeastern hardwood lumber, when sold on grade-rule-range widths and lengths, or widths and lengths substantially the same as grade-rule-range widths and lengths, or in specified average widths or specified average lengths which are substantially run-of-the-log.

SEC. 23 *Maximum prices.* The maximum f. o. b. mill price for 1,000 feet of Northeastern hardwood lumber in standard or near-standard grades in a rough air dried condition shall be as follows:

TABLE 1.—TOUGH WHITE ASH

Thickness (inch)	FAS	Selects	No. 1 Common	No. 2 Common	No. 3 Common
1	$78	$62	$48	$37	$23
1¼	85	66	50	39	24
1½	90	73	56	41	24
2	95	78	60	45	26
2½	105	88	75	50	------
3	115	98	85	55	------
4	125	108	95	60	------

TABLE 2.—BASSWOOD

Thickness (inch)	FAS	Selects	No. 1 Common	No. 2 Common	No. 3 Common
1/2	$55	$49	$36	$25	------
5/8	64	57	41	29	------
3/4	72	65	47	32	------
1	85	76	54	38	$22
1¼	90	81	58	41	23
1½	95	85	60	43	23
2	100	88	65	44	24
2½	105	93	72	------	------
3	115	101	77	------	------
4	130	115	87	------	------

TABLE 3.—BEECH

Thickness (inch)	FAS	No. 1 Common and Selects or No. 1 Common	No. 2 Common	No. 3A Common	No. 3 Common
1/2	$49	$33	$22	$16	------
5/8	56	38	26	19	------
3/4	64	43	29	21	------
1	75	51	34	25	$20
1¼	78	56	35	27	22
1½	80	58	36	27	22
2	90	68	39	31	25

TABLE 4.—BIRCH

Thickness (inch)	FAS	Selects	No. 1 Common	No. 2 Common	No. 3A Common	No. 3 Common
5/4	$80	$70	------	------	------	------
3/4	91	79	------	------	------	------
1	107	93	$63	$43	$32	$25
1¼	112	97	68	45	35	27
1½	115	100	72	50	37	28
2	120	108	77	55	38	29
2½	125	113	87	60	------	------
3	135	122	98	65	------	------
4	145	134	113	70	------	------

TABLE 5.—CHERRY

Thickness (inch)	FAS	No. 1 Common and Selects or No. 1 Common	No. 2 Common	No. 3 Common
1	$105	$70	$45	$23
1¼	110	75	48	25
1½	115	80	50	28
2	125	85	60	33
2½	135	90	------	------
3	140	95	------	------

TABLE 6.—CHESTNUT—WHAD

Thickness (inch)	FAS	No. 1 Common and Selects or No. 1 Common	Sound Wormy	No. 2 Common	No. 3 Common
1/2	$51	$52	$26	------	------
5/8	60	59	30	------	------
3/4	68	65	34	------	------
1	120	75	40	$30	$20
1¼	125	80	44	30	21
1½	125	80	45	30	21
2	130	85	50	30	22
2½	------	------	53	30	------
3	------	------	58	30	------

TABLE 7.—CHESTNUT—WHND

Thickness (inch)	FAS	No. 1 Common and better	No. 1 Common
1/2	$38	$32	$30
5/8	43	36	34
3/4	48	40	38
1	58	49	45
1¼	60	53	49
1½	63	54	50
2	68	59	55

TABLE 8.—SOFT ELM

Thickness (inch)	FAS	No. 1 Common and Selects or No. 1 Common	No. 2 Common	No. 3 Common
1	$60	$40	$32	$19
1¼	65	45	36	20
1½	70	49	36	20
2	73	52	38	22
2½	78	56	41	26
3	85	61	44	28

TABLE 9.—HICKORY

Thickness (inch)	FAS	No. 1 Common and Selects or No. 1 Common	No. 2 Common	No. 3 Common	Log Run
1	$75	$40	$24	$20	$38
1¼	85	42	27	21	40
1½	85	45	33	24	43
2	95	50	33	22	48

TABLE 10.—HARD MAPLE

Thickness (inch)	FAS	Selects	No. 1 Common	No. 2 Common	No. 3A Common	No. 3 Common
1/2	$65	$55	$40	$25	------	------
5/8	75	63	47	29	------	------
3/4	85	71	53	32	------	------
1	100	84	62	38	$26	$23
1¼	105	88	67	41	31	25
1½	110	93	72	43	34	26
2	115	97	77	48	35	27
2½	130	110	92	53	------	------
3	140	126	102	58	------	------
4	160	143	122	64	------	------

TABLE 11.—SOFT MAPLE

Thickness (inch)	FAS	No. 1 Common and Selects or No. 1 Common	No. 2 Common	No. 3 Common
1/2	$55	$36	$22	------
5/8	63	41	26	------
3/4	71	47	29	------
1	84	55	34	$20
1¼	89	60	38	22
1½	91	65	40	22
2	96	70	45	25
2½	110	80	------	------
3	120	90	------	------
4	138	105	------	------

TABLE 12—OAK

Thickness (inch)	FAS	Selects	No. 1 Common	No. 2 Common	No. 3A Common	No. 3 Common
1	$78	$64	$52	$39	$28	$18
1¼	88	73	59	42	29	19
1½	92	76	62	45	29	19
2	103	87	69	49	30	20
2½	123	98	78	------	------	------

TABLE 13—YELLOW POPLAR—PLAIN

Thickness (inch)	FAS	Saps	No. 1 Common and Selects or No. 1 Common	No. 2A Common	No. 2B Common	No. 3 Common
½	$55	$44	$36	$26	$21	------
⅝	63	51	41	30	25	------
¾	71	58	47	34	28	------
1	83	68	55	40	32	$20
1¼	89	72	59	44	34	21
1½	92	73	61	45	35	21
2	104	80	65	48	36	22
2½	123	95	77	52	------	------
3	135	107	87	56	------	------
4	150	122	102	------	------	------

TABLE 14—MIXED HARDWOODS

Dunnage or No. 4 Common. Lumber of any hardwood species of standard widths and lengths but poorer in quality than No. 3B Common $12.00

TABLE 15—1" HARDWOOD TIE SIDES

	FAS	No. 1 Common	No. 2 Common	No. 3A Common	No. 3B Common
Birch	$82.00	$52.00	$37.00	$25.00	$21.00
Maple	84.00	53.00	32.00	20.00	17.00
Oak	59.00	43.00	33.00	23.00	16.00
Beech	60.00	43.00	29.00	21.00	18.00

NOTE ON TIE SIDES

For 1¼" and thicker items in each species, add to the above prices the same amounts by which the prices for these thicknesses, in standard lumber grades, exceed the prices for 1" stock in the same standard grades.

TABLE 16—HARDWOOD HEARTS

Size (inch)	Length (feet)	No. 3 Common	Crossing Plank
2 x 4	6 to 16	$24.00	$29.00
2 x 5	6 to 16	25.00	29.00
2 x 6	6 to 16	24.00	29.00
2 x 8	6 to 16	24.00	29.00
2 x 5 and wider	6 to 16	24.00	29.00
3 x 3	6 to 16	25.00	28.00
3 x 4	6 to 16	24.00	28.00
3 x 6	6 to 16	24.00	28.00
3 x 8	6 to 16	26.00	30.00
3 x 10	6 to 16	30.00	35.00
3 x 12	6 to 16	36.00	45.00
4 x 4	6 to 16	25.00	28.00
4 x 6	6 to 16	25.00	29.00
4 x 8	6 to 16	30.00	34.00
6 x 6	6 to 16	25.00	29.00
6 x 8	6 to 16	30.00	34.00
8 x 8	6 to 16	35.00	44.00

NOTES ON HARDWOOD HEARTS

For all one length, 8' or longer, add $2.00
For all 10' to 16', add $0.50
For all 12' to 16', add $1.00
For all 14' to 16', add $1.50

TABLE 17—HARDWOOD BLOCKING

Size (inch)	(No. 3 Common)					
	2'	3'	4'	5'	6'	2' to 6' mixed lengths
2 x 3, 2 x 4, 2 x 6	$22.00	$23.00	$22.00	$22.00	$22.00	$21.00
3 x 3, 3 x 4, 3 x 6	22.00	23.00	22.00	23.00	23.00	22.00
4 x 4, 4 x 5, 4 x 6	22.00	23.00	22.00	23.00	23.00	22.00
6 x 6, 6 x 8	24.00	25.00	24.00	24.00	24.00	23.00

TABLE 18—GRAIN AND COAL DOOR BOARDS

	6'	7'
Grain door boards	$17.00	$17.00
Coal door boards	$15.00	$15.00

TABLE 19—NEW ENGLAND HARDWOOD TURNING SQUARES

18" to 48" Bundled Separate Lengths—N. H. L. A. Rules of Inspection

	Clear	90% and better clear	80% and better clear	Red Heart (90% and better clear)	Mill Run or Log Run
White birch:					
1½" to 2"	$80.00	$70.00	$60.00	$57.00	$50.00
2½" to 5"	85.00	75.00	65.00	60.00	50.00
Yellow birch:					
1½" to 2"	77.00	67.00	57.00	------	------
2½" to 5"	82.00	72.00	62.00	------	------
Hard maple:					
1½" to 2"	85.00	75.00	65.00	------	------
2½" to 5"	90.00	80.00	70.00	------	------
Beech:					
1½" to 2"	73.00	63.00	53.00	------	------
2½" to 5"	78.00	68.00	58.00	------	------

NOTES ON NEW ENGLAND HARDWOOD TURNING SQUARES

80% and Better Clear. The grade "80% and Better Clear" is a trade practice grade of New England Hardwood Turning Squares, in which not less than 80% of the length in the aggregate is "clear". Other specifications are the same as in the grade "90% and Better Clear".

Red Heart. The grade "Red Heart (90% and Better Clear)" is the same as the grade "90% and Better Clear" except that sound red heartwood is admitted.

Mill Run or Log Run. The grade "Mill Run" or "Log Run" is defined as the full product of the log; all bars 48" long; no bar to contain less than 24" of clear lumber. Other specifications are the same as in the grade "90% and Better Clear".

TABLE 20—1" ROUND EDGE HARDWOODS

	FAS	No. 1 Common and Selects or No. 1 Common	No. 2 Common	No. 3 Common	Mill run	Log run
Ash	$66	$43	$32	$21	$31	$38
Basswood	73	50	33	20	33	43
Beech	63	44	29	18	29	37
Birch	95	58	38	23	39	52
Soft elm	48	33	27	17	24	30
Hard maple	88	57	33	21	36	48
Soft maple	72	48	29	18	30	40
Oak	66	47	34	16	30	41

NOTES ON 1" ROUND EDGE HARDWOODS

These maximum prices for "log run" and "mill run" shall be applicable only in case the seller guarantees to the buyer that the shipment shall meet the following requirements:

Log run: Not more than 45% No. 2 Common and not less than 15% FAS.

Mill run: Not more than 40% No. 3 Common, not more than 25% No. 2 Common and not less than 10% FAS.

The maximum price of round-edge mixed hardwoods sold on a "log-run" or "mill run" basis shall be the "log run" or "mill run" price of the lowest-priced species included.

For items thicker than 1" in each species, add to the above prices the same amounts by which the prices for those thicknesses, in square-edge lumber grades, exceed the prices for 1" stock in the same square-edge lumber grades.

SEC. 24 *Kiln-drying additions*—(a) *To 8 percent.*

Table 21—The following additions per 1,000 feet may be made for kiln drying the lumber to a moisture content no exceeding 8 percent as of the time the lumber leaves the kiln:

Species	½", ⅝", ¾" thick	1" thick	1¼" thick	1½" thick	2" thick	2½" thick	3" thick
Basswood, Soft elm, Soft maple, Poplar	$5.00	$6.00	$7.00	$8.00	$9.00	$11.00	$13.00
Ash, Beech, Birch, Cherry, Chestnut, Hickory, Hard maple, Oak	5.50	7.50	9.00	10.50	13.00	16.00	20.50

(b) To 12 percent.

Table 22—The following additions per 1,000 feet may be made for kiln drying the lumber to a moisture content greater than 8 percent but not exceeding 12 percent as of the time the lumber leaves the kiln.

Species	½", ⅝", ¾" thick	1" thick	1¼" thick	1½" thick	2" thick	2½" thick	3" thick
Basswood, Soft elm, Soft maple, Poplar	$4.00	$5.00	$6.00	$7.00	$7.50	$9.50	$11.00
Ash, Beech, Birch, Cherry, Chestnut, Hickory, Hard maple, Oak	4.50	6.50	7.50	9.00	11.00	13.50	17.50

(c) *To 20 percent.* The following additions per 1000 feet may be made for kiln drying the lumber to a moisture content greater than 12 percent but not exceeding 20 percent as of the time the lumber leaves the kiln: One-half of the addition permitted in subparagraph (a) above, except that a minimum of $4.00 per 1000 feet may be charged.

(d) *For inspecting, grading and measuring after kiln drying.* Where, at the request of the purchaser, the seller inspects, grades and measures the lumber after kiln drying, an addition may be made of 5 percent of the f. o. b. mill rough air dried price of the lumber.

(e) *Custom kiln drying.* Where Northeastern hardwood lumber is kiln dried for the seller through a custom kiln and such custom kiln is not owned or operated by, or connected with, the saw mill, the seller may add the actual cost of this custom kiln drying. The amount added may not be higher than the custom kiln's maximum price established by Maximum Price Regulation No. 165, as amended [5]—Services—for such kiln drying.

SEC. 25 *Millworking.*

Table 23—The following additions per 1,000 feet may be made for millworking:

Species	Surfacing 1 or 2 sides	Surfacing 1 or 2 sides and resawing 1 cut	Surfacing 1 or 2 sides and resawing 2 cuts	Surfacing 4 sides or S1E, or S2E	Dressed and matched	Resawing 1 cut	Resawing 2 cuts	Ripping per cut	Bundling
Ash, Beech, Birch, Cherry, Chestnut, Soft elm, Hickory, Hard maple, Soft maple, Oak, Poplar	$2.00	$4.00	$6.00	$4.00	$5.00	$2.00	$4.00	$1.50	$1.50
Basswood	1.50	3.00	4.50	3.00	3.00	1.50	3.00	1.50	1.50

NOTE: Where Northeastern hardwood lumber is milled for the seller by a custom milling establishment, and such custom milling establishment is not owned or operated by, or connected with, the sawmill, the seller may add the actual cost of the custom milling. The amount added may not be higher than the custom milling establishment's maximum price established by Maximum Price Regulation No. 165, as amended, [4] Services—for such milling.

SEC. 26 *Anti-stain treatment.* An addition of 50 cents per MBM may be made when lumber is anti-stain treated.

SEC. 27 *National Hardwood Lumber Association inspection certificate.* Where the purchaser requests an inspection by, and an inspection certificate issued by, the National Hardwood Lumber Association, the seller may make an added charge which does not exceed the inspection fees and expenses charged by the Association to the seller and shown on the certificate.

SEC. 28 *Green lumber.* The maximum f. o. b. mill price for 1000 feet of Northeastern hardwood lumber in a rough green condition shall be the maximum price established in this regulation for rough air-dried lumber, less the amount which the seller customarily deducted during the last six months of 1941 for furnishing green rather than air-dried stock.

SEC. 29 *Combination grades or species*—(a) *General.* For Northeastern hardwood lumber sold on "Log run", "Mill run", or "No. 1 Common and better" grade for which no specific maximum price has been established in the price tables, the maximum price shall be the maximum price established in the table for the lowest grade of lumber contained in the stock that is sold on the special inspection grade. The seller, however, may grade and ship the lumber on the standard grades included in the special inspection grade and invoice the footage in each of the standard grades at a price not to exceed the maximum price established in this regulation for the respective standard grades.

(b) *No. 1 Common and selects.* If lumber subject to this regulation is sold on a grade of No. 1 Common and selects, and if no specific maximum price has been established for this grade in the tables, $2.00 may be added to the maximum price for No. 1 Common.

(c) *Mixed hardwoods.* The maximum price for mixed hardwoods in a specified grade and thickness shall be the price of the same grade and thickness for the lowest-priced species included.

ARTICLE VI—APPENDIX B: DOMESTIC NORTHEASTERN HARDWOOD LUMBER: PRICE TABLES ON "STANDARD SPECIAL" ITEMS

SEC. 30 *Standard special widths and lengths: all hardwood species.* The maximum f. o. b. mill price for 1000 feet of domestic Northeastern hardwood lumber in the standard special widths and lengths listed below shall be as follows:

[5] 7 F.R. 6428, 6966, 8239, 8431, 8798, 8943, 8948, 9197, 9342, 9343, 9785, 9971, 9972, 10480, 10557, 10619, 10718, 11010; 8 F.R. 1060, 3324.

TABLE 24—STANDARD SPECIAL WIDTHS AND LENGTHS IN ALL HARDWOOD SPECIES

(Except as shown in section 31 Table 25)

Width and/or Length	Grade	Maximum additions to maximum prices established in § 23 to 25 for lumber in corresponding standard grade and thickness
5" or 6" and wider; 8' and longer	No. 1 Common and No. 2 Common	$2.00
10' and longer or 12' and longer	No. 2 Common	2.00
7" and wider; standard lengths	No. 1 Common and Better	8.00
8" and wider; standard lengths	No. 1 Common and Better	12.00
9" and wider; standard lengths	No. 1 Common and Better	25.00
10" and wider; standard lengths	No. 1 Common and Better	30.00
12" and wider; standard lengths	No. 1 Common and Better	35.00
11" and wider; standard lengths	Step Plank	[1] 35.00
12" and wider; standard lengths	Step Plank	[1] 40.00

[1] Add to FAS price.

For all one width, same price as for the same width and wider, except where otherwise specifically provided for.

For 6' and shorter, deduct $2.00 except where otherwise specifically provided for.

SEC. 31 *Standard special grades, specified widths, and specified lengths: In basswood, birch, and hard maple.* The maximum f. o. b. mill price for 1000 feet of domestic Northeastern basswood, birch, and hard maple in the standard special grades, specified widths, and specified lengths listed below shall be as follows, except where a different price has been provided in section 23 above:

TABLE 25—STANDARD SPECIAL GRADES, SPECIFIED WIDTHS, AND SPECIFIED LENGTHS

(In specified hardwood species)

Species	Grade or designation	Thickness (inches)	Widths (inches)	Lengths (feet)	Maximum price for 1000 feet BM	Maximum additions to maximum price established in §23 to 25 for lumber in corresponding standard grade and thickness
Basswood	No. 2 Common and Better	1	Regular	4 and 6	$39.00	
	No. 2 Common	1	3½ to 5½	Regular	$36.00	
	All	1	Regular	10 and 12		$5.00
	All	1¼ and thicker	Regular	10 and 12		6.00
	No. 1 Common and Better	All	7 and wider	Regular		7.00
	No. 1 Common and Better		10 and wider	Regular		15.00
	No. 1 Common and Better		12 and wider	Regular		30.00
	No. 1 Common and No. 2 Common	1		8 and longer (Long cutting).		4.00
	Venetian Blind Stock	1 and 1¼				5.00
	FAS Key Stock	1			$105.00	
	No. 1 Common and Selects Key Stock.	1			$90.00	
	FAS Key Stock	1¼			$110.00	
	No. 1 Common and Selects Key Stock.	1¼			$94.00	
	1 and 2 Face Clear	1	4	6 to 16	$76.00	
	1 and 2 Face Clear	1	5	6 to 16	$83.00	
Birch	Selects and Better	1 and 1¼	45% 8 and wider (10% to 15% 10 and wider).	45% 14 and 16	For each 10% of 8" and wider in excess of 45%.	2.50
	Selects and Better	1 and 1¼	45% 8 and wider (10% to 15% 10 and wider).	45% 14 and 16	For each 10% of 14' and 16' in excess of 45%.	2.00
	Straight-grained, free from cross-grained or curly stock.					20.00
	Knotty	1	4 to 8	8 to 16	$80.00	
	No. 1 Common and Better	1	4 and wider	4 and 6	$63.00	
	No. 2 Common and Better	1	4 and wider	4 and 6	$48.00	
	No. 2 Common	1	4 and wider	4 and 6	$43.00	
	No. 2 Common and Better	1¼	4 and wider	4 and 6	$52.00	
	1 and 2 Face Clear	1	4	6 to 16	$86.00	
	1 and 2 Face Clear	1	5	6 to 16	$90.00	
	2 Face Clear	1	4	6 to 16	$95.00	
	2 Face Clear	1	5	6 to 16	$100.00	
	No. 1 Common	1	4	Any	$63.00	
	No. 2 Common	1	4	Any	$43.00	
	No. 3 Common	1	4	Any	$25.00	
	No. 1 Common	1	6	Any	$64.00	
	No. 2 Common	1	6	Any	$45.00	
	No. 3 Common	1	6	Any	$26.00	
	Selected Red Birch					20.00
Hard Maple	1 and 2 Face Clear	1	4	6 to 16	$99.00	
	1 and 2 Face Clear	1	5	6 to 16	$105.00	
	1 and 2 Face Clear	1¼	4	6 to 16	$104.00	
	No. 1 Common and Better—Curly.	1 and thicker	Regular	Regular	$170.00	
	FAS Birdseye	1 and thicker	Regular	Regular		25.00
	No. 1 Common and Better Heel Stock.	1½ to 2½	Regular	Regular		10.00
	No. 1 Common Flooring Stock	1	4 and wider	4 and longer	$52.00	
	No. 2 Common Flooring Stock	1	4 and wider	4 and longer	$35.00	
	No. 3A Common Flooring Stock	1	4 and wider	4 and longer	$25.00	
	No. 1 Common Flooring Stock	1¼	4 and wider	4 and longer	$55.00	
	No. 2 Common Flooring Stock	1¼	4 and wider	4 and longer	$37.00	
	No. 3A Common Flooring Stock	1¼	4 and wider	4 and longer	$30.00	
	No. 1 White					20.00
	No. 1 and No. 2 White					15.00
	No. 2 White					10.00
	Sap 1 Face					7.00
	Straight Grain (except in conjunction with No. 1 White, No. 2 White or No. 1 and No. 2 White).					20.00
	Straight Grain (in conjunction with No. 1 White, No. 2 White or No. 1 and No. 2 White).					10.00

SEC. 32 *Additions and adjustments.* The provisions of sections 24 to 28, inclusive, relating to additions for kiln drying, millworking, anti-stain treatment, and NHLA inspection, and adjustment for green lumber, are applicable to the price schedules in sections 30 and 31.

ARTICLE VII—APPENDIX C: CANADIAN NORTHEASTERN HARDWOOD LUMBER DELIVERED IN THE UNITED STATES

SEC. 33 *Application of Appendix C.* This appendix applies to Northeastern hardwood lumber produced in Canada east of the 85th meridian and delivered in the United States.

SEC. 34 *Maximum prices for Canadian lumber.* (a) In the six New England States—Maine, New Hampshire, Vermont, Massachusetts, Connecticut and Rhode Island—the maximum delivered price shall be the maximum f. o. b. mill price in this Regulation, minus $2.00, plus freight from Campbellton, New Brunswick, to destination.

(b) In the State of New York east of and including the counties of St. Lawrence, Jefferson, Oswego, Onondaga, Cortland and Broome, the maximum delivered price shall be the maximum f. o. b. mill price in this regulation, minus $2.00, plus freight from Mont Laurier, Quebec, to destination.

(c) In the State of New York west of the counties of Oswego, Onondaga, Cortland, and Broome, or in any other state, except the six New England States, the maximum delivered price shall be the maximum f. o. b. mill price in this regulation, minus $2.00, plus freight from North Bay, Ontario to destination.

(d) The provisions of sections 24 to 28, inclusive, relating to additions for kiln drying, millworking, anti-stain treatment, and NHLA inspection, and adjustment for green lumber, are applicable to this section.

ARTICLE VIII—APPENDIX D: ESTIMATED WEIGHTS

SEC. 35 *Square-edge, green or rough air-dried.* The estimated average weights for Northeastern square-edge hardwood lumber in a green or rough air-dried condition shall be as follows:

Species:	*Pounds per 1000 feet BM*
Ash	3,800
Basswood	2,600
Beech	4,000
Birch	4,000
Cherry	3,900
Chestnut	2,800
Soft elm	3,200
Hickory	4,500
Hard maple	4,300
Soft maple	3,700
Oak	4,000
Poplar	2,800

The estimated average weight for Northeastern square-edge "Mixed Hardwoods" shall be the estimated average weight of that species included in the "Mixed Hardwoods" which has the lowest estimated average weight according to this schedule.

SEC. 36 *Round-edge, green or rough air-dried.* The estimated average weights for Northeastern round-edge hardwood lumber in a green or rough air-dried condition shall be as follows:

Species:	*Pounds per 1000 feet BM*
Ash	4,900
Basswood	3,200
Beech	5,200
Birch	5,200
Soft elm	4,200
Hard maple	5,600
Soft maple	4,800
Oak	5,200

The estimated average weight for Northeastern round-edge "Mixed Hardwoods" shall be the estimated average weight of that species included in the "Mixed Hardwoods" which has the lowest estimated average weight according to this schedule.

SEC. 37 *Air-dried, worked.* The estimated average weights for Northeastern hardwood lumber in an air-dried condition worked as indicated shall be as follows in pounds per 1000 feet BM:

Species	S1S or S2S	S1S or 2S & resawn one cut	S1S or 2S & resawn two cuts	Rough resawn one cut	Rough resawn two cuts	D & M or S4S
Ash	3300	3100	2900	3500	3300	3000
Basswood	2000	1800	1700	2200	2000	1800
Beech	3500	3300	3100	3700	3500	3200
Birch	3500	3300	3100	3700	3500	3200
Cherry	3400	3200	3000	3600	3400	3100
Chestnut	2400	2200	2000	2500	2400	2000
Soft elm	2700	2500	2300	2900	2700	2300
Hickory	3900	3700	3500	4200	3900	3600
Hard maple	3800	3600	3400	4000	3800	3500
Soft maple	3200	3000	2800	3400	3200	2800
Oak	3500	3300	3100	3700	3500	3200
Poplar	2400	2200	2000	2500	2400	2000

SEC. 38 *Kiln-dried.* The estimated average weights for Northeastern hardwood lumber in a kiln-dried condition shall be the average weights established in sections 35, 36, and 37, decreased by the average difference in weight between air-dried lumber and kiln-dried lumber in the particular species and in the condition shipped. This average difference shall be calculated on the basis of the experience during the year 1941 of the mill which produced the lumber shipped.

NOTE: All reporting and record-keeping requirements of this regulation have been approved by the Bureau of the Budget in accordance with the Federal Reports Act of 1942.

Effective date. This regulation shall become effective April 21, 1943.

Issued this 16th day of April 1943.

PRENTISS M. BROWN,
Administrator.

[F. R. Doc. 43-5945; Filed, April 16, 1943; 11:46 a. m.]

PART 1394—RATIONING OF FUEL AND FUEL PRODUCTS

[RO 5C,[1] Amendment 41]

MILEAGE RATIONING, GASOLINE REGULATIONS

A rationale accompanying this amendment, issued simultaneously herewith, has been filed with the Division of the Federal Register.*

Ration Order 5C is amended in the following respects:

1. Section 1394.7757 (a) is amended by substituting a comma for the final period and adding the phrase "except that no ration may be issued pursuant to this paragraph for use with a 1942 passenger automobile held by an automobile dealer for sale or resale pursuant to Ration Order No. 2A or 2B."

2. Section 1394.7851 (b) (1) (i) is amended to read as follows:

(i) To procure necessary food or supplies, or to obtain necessary medical attention or therapeutic treatment including the transportation of a patient from the place where he has obtained medical attention or therapeutic treatment to his home or lodgings.

3. Section 1394.7852 (a) (5) is added to read as follows:

(5) If the ration is for use with a 1942 passenger automobile held by an automobile dealer for sale or resale pursuant to Ration Order No. 2A or 2B, that such use is permitted by Section 2.7 of Ration Order No. 2B.

4. In § 1394.7904 (b) the text preceding subparagraph (1) is amended to read as follows:

If application is made for a non-highway ration for use with an inboard motorboat or outboard motor operated wholly or in part for a non-occupational purpose within any area in which fuel oil is a rationed commodity or hereafter becomes a rationed commodity pursuant to Ration Order No. 11, the board shall not allow for the non-occupational purpose an amount of gasoline in excess of the number of gallons determined by the following formulae:

5. Section 1394.7904 (e) is hereby revoked.

6. Section 1394.8010 is amended to read as follows:

§ 1394.8010 *Presentation of tire inspection records.* After December 12, 1942, no supplemental, official or fleet ration or ration issued pursuant to the provisions of § 1394.7757 or § 1394.7758 shall be issued or renewed unless the applicant presents to the board a tire inspection record on Part B of Form OPA R-534 for each vehicle for which the ration is sought indicating that odometer readings have been taken and that the tires on such vehicle have been inspected and approved in accordance with the requirements of Ration Order No. 1A, except:

(a) In the case of a renewal application for a fleet or official ration the board may renew such ration without the presentation of the tire inspection records if the applicant submits to the board his signed statement setting forth that it would impose undue hardship upon him to present the tire inspection records because of the number or loca-

[1] 7 F.R. 9135, 9787, 10147, 10016, 10110, 10338, 10706, 10786, 10787, 11009, 11070; 8 F.R. 179, 274, 369, 372, 607, 565, 1028, 1202, 1203, 1365, 1282, 1366, 1318, 1588, 1813, 1895, 2098, 2213, 2288, 2353, 2431, 2595, 2780, 2720, 3096, 3201, 3253, 3254, 3255, 3315, 3316, 4189, 4341.

*Copies may be obtained from Office of Price Administration.

tion of the vehicles involved or for other good reasons, that the odometer readings have been taken and that the tires on each vehicle have been inspected and approved in accordance with the requirements of Ration Order No. 1A.

(b) The board in its discretion may waive the requirements of this section and, notwithstanding the applicant's failure to have the tires inspected periodically, may issue or renew any supplemental, official or fleet ration or ration issued pursuant to the provisions of § 1394.7757 or § 1394.7758 if the tire inspection record or the signed statement submitted to the board pursuant to paragraph (a) of this section shows that the required readings, inspections and approvals have been made within sixty (60) days prior to the filing of the application. If a waiver is granted under this paragraph or under § 1315.502 (b) of Ration Order No. 1A, the required inspections prior to the waiver shall be deemed to have been obtained.

This amendment shall become effective April 22, 1943.

NOTE: All reporting and record-keeping requirements of this amendment have been approved by the Bureau of the Budget in accordance with the Federal Reports Act of 1942.

(Pub. Law 671, 76th Cong.; as amended by Pub. Laws 89, 421, 507, 77th Cong.; W.P.B. Dir. No. 1, Supp. Dir. No. 1Q, 7 F.R. 562, 9121; E.O. 9125, 7 F.R. 2719)

Issued this 16th day of April 1943.

PRENTISS M. BROWN,
Administrator.

[F. R. Doc. 43-5950; Filed, April 16, 1943; 11:55 a. m.]

PART 1407—RATIONING OF FOOD AND FOOD PRODUCTS

[RO 3,[1] Amendment 54]

SUGAR RATIONING REGULATIONS

A rationale accompanying this amendment, issued simultaneously herewith, has been filed with the Division of the Federal Register.*

Ration Order No. 3 is amended in the following respects:

1. Section 1407.21 (c) (4) is amended to read as follows:

(4) "Certificate" means a sugar purchase certificate (OPA Form R-306) or a food ration certificate (OPA Form R-1201) issued for the delivery of sugar.

2. Section 1407.141 (c) is amended to read as follows:

(c) (1) A certificate issued on OPA Form R-306 authorizes the person to whom it is issued, if he is not a depositor nor required to be one, to take delivery of sugar within 60 days from the valid date of the certificate. Such certificate duly transferred by endorsement to a registering unit that is neither a depositor nor required to be one, authorizes the delivery of sugar to such registering unit within 80 days from the valid date of the certificate. Such certificate duly transferred or issued to a depositor shall be valid for deposit in the account of such depositor for a period of 80 days from the valid date of the certificate. Such certificate issued before January 27, 1943, which is duly transferred to a registering unit by endorsement authorizes the delivery of sugar and may be deposited within 60 days from the valid date of the certificate or within 30 days from the date contained in the endorsement to such registering unit, whichever is later.

(2) A certificate issued on OPA Form R-1201 authorizes the person to whom it is issued, if he is not a depositor nor required to be one, to take delivery of sugar not later than the date appearing on the face thereof. Such certificate duly transferred by endorsement to a registering unit that is neither a depositor nor required to be one, authorizes the delivery of sugar to such registering unit within 20 days from the date appearing on the face thereof. Such certificate duly transferred or issued to a depositor shall be valid for deposit in the account of such depositor for a period of 20 days from the date appearing on the face thereof.

(3) A depositor may, except as provided in paragraph (f) of § 1407.140, issue checks at any time, against credits created by the deposit of a certificate. Certificates which before January 27, 1943, ceased to authorize the delivery of sugar shall not be valid for deposit.

3. Section 1407.202a is added to read as follows:

§ 1407.202a *Certificates are property of the Office of Price Administration.* All certificates remain the property of the Office of Price Administration, whether or not they have been issued, and the Office of Price Administration may suspend, cancel, or revoke any certificate issued if it finds it in the public interest to do so.

This amendment shall become effective April 22, 1943.

(Pub. Law 421, 77th Cong., E.O. 9125, 7 F.R. 2709; E.O. 9280, 7 F.R. 10179; W.P.B. Dir. No. 1 and Supp. Dir. No. 1E, 7 F.R. 562, 2965; Food Dir. No. 3, 8 F.R. 2005)

Issued this 16th day of April 1943.

PRENTISS M. BROWN,
Administrator.

[F. R. Doc. 43-5951; Filed, April 16, 1943; 11:56 a. m.]

PART 1407—RATIONING OF FOOD AND FOOD PRODUCTS

[RO 12,[1] Amendment 28]

COFFEE RATIONING REGULATIONS

A rationale accompanying this amendment, issued simultaneously herewith, has been filed with the Division of the Federal Register.*

Ration Order No. 12 is amended in the following respects:

1. Section 1407.952 (d) is amended to read as follows:

(d) "Certificate" means a coffee purchase certificate. A coffee purchase certificate shall consist of either a food ration certificate (OPA Form R-1201) issued for the acquisition of roasted coffee, or OPA Form R-306 with the word "sugar" stricken wherever it appears thereon, with the words "coffee in the amount of" inserted on the line in such form provided for insertion of amount, and with the words "Rationing Order No. 3 (Sugar" stricken from the following line.

2. Section 1407.1020 (d) is amended to read as follows:

(d) (1) A certificate issued on OPA Form R-306 authorizes the person to whom it is issued, if he is not and is not required to be a depositor, to acquire roasted coffee therewith within 60 days of the date of issuance of the certificate. Such certificate surrendered by endorsement to a retailer who is not and is not required to be a depositor, authorizes the transfer of roasted coffee to such retailer within 80 days of the date of issuance of the certificate. Such certificate issued or surrendered to a depositor shall be valid for deposit in the account of such depositor only within 80 days of the date of issuance of the certificate. Such certificate issued before January 27, 1943, which is surrendered by endorsement to another person, authorizes the transfer of roasted coffee, and may be deposited within 60 days after the date of issuance of such certificate or within 30 days after the date contained in the endorsement to such person, whichever is later.

(2) A certificate issued on OPA Form R-1201 authorizes the person to whom it is issued, if he is not and is not required to be a depositor, to acquire roasted coffee not later than the date appearing on the face thereof. Such certificate surrendered by endorsement to a retailer who is not and is not required to be a depositor authorizes the transfer of roasted coffee to such retailer within 20 days from the date appearing on the face thereof. Such certificate issued or surrendered to a depositor shall be valid for deposit in the account of such depositor only within 20 days of the date appearing on the face thereof. (3) A depositor may, except as provided in § 1407.1032 (f), issue checks at any time against credits created by the deposit of a certificate. Certificates which, on or prior to January 27, 1943, cease to authorize the transfer of roasted coffee, shall not be valid for deposit.

3. Section 1407.1031a is added to read as follows:

§ 1407.1031a *Certificates are property of the Office of Price Administration.* All certificates remain the property of the Office of Price Administration, whether

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*Copies may be obtained from the Office of Price Administration.

[1] 7 F.R. 2966, 3242, 3783, 4545, 4618, 5193, 5361, 6084, 6473, 6828, 6937, 7269, 7321, 7510, 7557, 8402, 8655, 8710, 8739, 8809, 8830, 8831, 9042, 9396, 9460, 9899, 10017, 10258, 10556, 10845; 8 F.R. 166, 262, 445, 620, 1028, 1204, 1288, 2026, 2153, 2432, 2433, 2675, 2758, 3176, 3180, 3522, 4484, 4519, 4644.

[1] 8 F.R. 3400, 3843, 4486, 4519.

*Copies may be obtained from the Office of Price Administration.

or not they have been issued and the Office of Price Administration may suspend, cancel, or revoke any Certificate issued if it finds it in the public interest to do so.

This amendment shall become effective April 22, 1943.

(Pub. Law 671, 76th Cong., as amended by Pub. Laws 89, 507, 421, and 729, 77th Cong.; E.O. 9125, 7 F.R. 2719; E.O. 9280, 7 F.R. 10129; W.P.B. Dir. No. 1, Supp. Dir. No. 1–R; Food Dir. 3, 8 F.R. 2005)

Issued this 16th day of April 1943.

PRENTISS M. BROWN,
Administrator.

[F. R. Doc. 43–5952; Filed, April 16, 1943; 11:55 a. m.]

PART 1499—COMMODITIES AND SERVICES

[GMPR, Amendment 51]

EXCEPTIONS OF COMMODITIES

A statement of the considerations involved in the issuance of this amendment has been issued simultaneously herewith and filed with the Division of the Federal Register.*

The General Maximum Price Regulation is amended in the following respects:

1. Section 1499.9 is amended to read as follows:

§ 1499.9 *Commodities excepted from this General Maximum Price Regulation.* The provisions of this General Maximum Price Regulation shall not apply to such sales and deliveries of commodities as may be specified by supplementary regulations or by any amendments thereto.

2. Paragraphs (l), (q), (v), (w), (x), (y) and (z) of § 1499.20 are revoked.

This amendment shall become effective April 22, 1943.

(Pub. Laws 421 and 729, 77th Cong.; E.O. 9250, 7 F.R. 7871)

Issued this 16th day of April 1943.

PRENTISS M. BROWN,
Administrator.

[F. R. Doc. 43–5953; Filed, April 16, 1943; 11:55 a. m.]

PART 1499—COMMODITIES AND SERVICES

[Rev. SR 11 to GMPR, Amendment 19]

EXCEPTIONS FOR CERTAIN SERVICES

A statement of the considerations involved in the issuance of this amendment has been issued simultaneously herewith and filed with the Division of the Federal Register.*

Revised Supplementary Regulation No. 11 is amended in the following respects:

1. Section 1499.46 (b) (108) is amended to read as follows:

(108) Any service rendered in connection with the lubrication, painting, rental, storage, washing, operation, repair, conversion, modification, maintenance or other servicing for any War Procurement Agency of airplanes and of engines, parts, accessories, instruments, and other equipment used in connection with airplanes, including all services incidental thereto.

2. Section 1499.46 (b) (114), (115), (116) and (117) are added to read as follows:

(114) Any manufacturing service performed by a person other than the manufacturer in the production of any product excepted from the General Maximum Price Regulation by section 4.3 (a), (b) or (c) of Revised Supplementary Regulation No. 1 (such excepted products being in the nature of war material and component parts and subassemblies thereof) if all or part of the material on which such service is performed is supplied by the manufacturer.

(115) Any service supplied pursuant to a contract or subcontract certified as "developmental" as specified in, and subject to the provisos of, Section 4.4 of Revised Supplementary Regulation No. 1.

(116) Any machinery service as defined in Maximum Price Regulation No. 136, as amended.

(117) Any demolition, wrecking or site-clearance service which is part of and is included within the sale of any temporary building sold apart from the land by the United States or any agency thereof.

This amendment shall become effective April 22, 1943.

(Pub. Laws 421 and 729, 77th Cong.; E.O. 9250, 7 F.R. 7871)

Issued this 16th day of April, 1943.

PRENTISS M. BROWN,
Administrator.

[F. R. Doc. 43–5966; Filed, April 16, 1943; 11:55 a. m.]

PART 1499—COMMODITIES AND SERVICES

[Rev. SR 1]

EXCEPTIONS OF COMMODITY TRANSACTIONS FROM THE GENERAL MAXIMUM PRICE REGULATION

A statement of the considerations involved in the issuance of this regulation, issued simultaneously herewith, has been filed with the Division of the Federal Register.*

§ 1499.26 *Exceptions of commodity transactions from the General Maximum Price Regulation.* Under the authority vested in the Administrator by the Emergency Price Control Act of 1942, as amended, and Executive Order No. 9250, Revised Supplementary Regulation No. 1 (Exceptions of Commodity Transactions from the General Maximum Price Regulation), which is annexed hereto and made a part hereof, is hereby issued.

AUTHORITY: § 1499.26 issued under Pub. Laws 421 and 729, 77th Cong.; E.O. 9250, 7 F.R. 7871.

REVISED SUPPLEMENTARY REGULATION NO. 1—EXCEPTIONS OF COMMODITY TRANSACTIONS FROM THE GENERAL MAXIMUM PRICE REGULATION

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APPENDIX A—TABLES OF CROSS-REFERENCES

Table I. Former Provisions of the General Maximum Price Regulation.
Table II. Former Provisions of Supplementary Regulation No. 1.
Table III. Former Provisions of Revised Supplementary Regulation No. 4.
Table IV. Provisions of Revised Supplementary Regulation No. 12.

Article I—Explanatory and General Provisions

SECTION 1. 1 *What this regulation covers.* Exceptions of commodity transactions from the General Maximum Price Regulation are collected in this regula-

*Copies may be obtained from the Office of Price Administration.

tion. It brings together, restates and reclassifies the exceptions of commodity transactions (other than those which have become obsolete) previously contained in § 1499.9 of the General Maximum Price Regulation and in Supplementary Regulation No. 1 (Exceptions for Certain Commodities, Certain Sales and Deliveries, and Certain Services) and Revised Supplementary Regulation No. 4 (Exceptions of Sales to United States Agencies). It incorporates two exceptions which are also stated in Revised Supplementary Regulation No. 12 (Sales and Deliveries of Imported Commodities). This regulation does not, as of the date issued, make any new exception or terminate or otherwise change the operative effect of any of these exceptions but merely consolidates and continues them in effect. Other exceptions of commodity transactions may be added from time to time.

SEC. 1. 2 *What this regulation does not cover.* This regulation being limited to exceptions from the General Maximum Price Regulation, does not incorporate exceptions which are stated in other price regulations. The commodity transactions listed in subsequent articles of this regulation, while excepted from the General Maximum Price Regulation, are of course subject to any other price regulations which apply to them. Services excepted from the General Maximum Price Regulation are not within the scope of this regulation but are collected in Revised Supplementary Regulation No. 11. Those service exceptions formerly contained in Supplementary Regulation No. 1 and Revised Supplementary Regulation No. 4 are being transferred to Revised Supplementary Regulation No. 11 simultaneously with issuance of this regulation.

SEC. 1. 3 *Regulations revoked.* Supplementary Regulation No. 1 and Revised Supplementary Regulation No. 4, being superseded by this regulation, are hereby revoked. Supplementary Regulation No. 7, being obsolete, is also hereby revoked. § 1499.9 of the General Maximum Price Regulation is not being revoked but is being amended simultaneously herewith so as to remove therefrom the exceptions now incorporated herein.

SEC. 1. 4 *Cross-reference to superseded provisions.* Tables are set forth in Appendix A of this regulation, showing the counterpart in this regulation or elsewhere of the exceptions heretofore contained in § 1499.9 of the General Maximum Price Regulation and in Supplementary Regulations Nos. 1, 4 (revised) and 7 and also the exceptions incorporated herein from Revised Supplementary Regulation No. 12. Reference in any price regulation or other document to any such provision shall be deemed reference to its counterpart, if any, in this or any other regulation.

SEC. 1. 5 *Definitions.* Terms used in this regulation shall, unless differently defined herein or unless the context requires a different meaning, have the same meaning as when used in the General Maximum Price Regulation.

Article II—Exception of Specific Commodities

SEC. 2. 1 *Basis of classification in this article.* The exceptions stated in this article, classified according to commodity group, are those which are based primarily upon the identity or character of the commodity or class of commodities rather than upon the nature of the transaction or of the parties thereto.

SEC. 2. 2 *Exception granted.* Sales and deliveries of the commodities set forth in subsequent sections of this article are excepted from the General Maximum Price Regulation either absolutely or, where the exception is qualified, under the conditions and to the extent indicated.

SEC. 2. 3 *Foods, feeds and beverages.* The exception stated above in Section 2. 2 extends to the following:

(a) Green coffee sold in Puerto Rico.

(b) Rum, liqueurs, cordials, bitters and other spirituous liquors produced in any territory or possession of the United States: *Provided, however,* That this exception shall not apply (1) to sale of such commodities within the territory or possession of origin nor (2) to sale by the importer of such commodities unless the invoice issued in connection with the sale states clearly and legibly on its face that the commodity is not subject to Office of Price Administration price ceilings.

(c) Citrus fruit segments or pieces, whether or not hermetically sealed in containers; citrus juices or blends thereof, whether or not hermetically sealed in containers; citrus concentrates, citrus pulp, citrus marmalade base, crushed citrus fruit and shredded, minced, sliced or diced citrus fruit or citrus peel (except candied or sugared peel), whether or not hermetically sealed in containers.

(d) All milk products, including butter, cheese, condensed and evaporated milk, powdered milk, casein, malted milk powder and any other commodity which is processed or manufactured from cow's milk and composed of milk ingredients constituting more than fifty per cent by weight or volume; but this exception shall not extend to fluid milk or cream sold at wholesale or retail, nor to ice cream, nor to ice cream mix for which adjusted maximum prices are established in § 1499.73 (a) (1a) of Supplementary Regulation No. 14. The term "sold at wholesale," as here used, refers to the sale, by any person, of fluid milk or cream in bottles or paper containers, to any person, including an industrial or commercial user, other than the ultimate consumer.

(e) Sliced and peeled apples.

(f) Dried apple pomace, i. e., the sound dried residue obtained by removing cider from apples.

(g) Bland apple syrup, i. e., the product obtained by removing or neutralizing the malic acid from pure apple juice, and concentrating, after slightly reacidifying, by heating under reduced pressure to the extent that the product meets a minimum test of 40 degrees Baumé.

(h) Eggs and poultry.

(i) Fresh fish and sea food and game.

(j) Leaf tobacco (whether dried or green); stemmed tobacco leaf irrespective of cutting incidental and preliminary to stemming or cigar making; and tobacco stems sold as such.

(k) All nuts.

(l) Linseed oil.

(m) Mixed seeds for house pet birds.

(n) Animal and poultry tonics, condiments, medicants and other special foods not used as the entire normal or customary diet for animals or poultry but for necessary special treatment or care.

(o) Ground grain feed, i. e., grains and seeds which are pulverized, cracked, crushed or otherwise milled to prepare the whole grains and seeds for use only as animal feeds.

(p) The following products when neither further processed nor packaged. The term "packaged," as here used, means packaged for sale at retail, in a container holding three pounds or less, provided such packaging takes place before delivery to the retail establishment. The term "ground," as used below in describing these products, means crushed, cracked, rolled, ground, flaked or pulverized; but a product is "ground" and not "further processed" although subjected to processes such as steaming, which are incidental to grinding, as distinguished from other processes not merely incidental to grinding:

(1) The following wheat products: ground wheat, malted wheat.

(2) The following corn products made from a dry corn milling process: malted corn, ground corn, corn bran, corn feed meal, hominy feed, corn germ cake and corn germ meal—but only when used for animal feeding purposes.

(3) The following barley products: pearled barley, ground pearled barley, hulled barley, malted barley, ground barley.

(4) The following oat products: groats, hulled oats, ground groats, rolled hulled oats (table or feeding), cereal oats, ground oats.

(5) The following rye products: malted rye, ground rye.

(6) Ground soy beans.

(7) Ground buckwheat.

(q) Flour produced from wheat, rye, buckwheat, rice, corn, oats, barley, soy beans, potatoes; combinations of flours produced from these commodities; and bleached, bromated, enriched, phosphated and self-rising flours. "Flour produced from wheat" means:

(1) Any product of the milling of wheat, other than durum wheat, whose ash content is not more than 1/20th of the protein calculated to a moisture-free basis plus .35, except that farina shall not be considered flour produced from wheat;

(2) Any product of the milling of durum wheat whose ash content, calculated to a moisture-free basis, is not more than 1.5%, except that semolina shall not be considered flour produced from wheat;

(3) Whole wheat flour;
(4) Whole durum wheat flour; and
(5) Blends of the foregoing flours produced from wheat.

NOTE: In determining whether the ash content of bleached, bromated, enriched, phosphated and self-rising flours complies with the above ash requirements, allowances shall be made for the increase in the ash content resulting from the addition of the bleaching, bromating, enriching, phosphating and self-rising ingredients.

(r) Cake mixes and flour mixes when not packaged. The terms "cake mixes" and "flour mixes" mean combinations of flour or flours with any other ingredients except those used in making bleached, bromated, enriched, phosphated, and self-rising flours. The term "packaged" means packaged for sale at retail, in a container holding three pounds or less, provided such packaging takes place before delivery to the retail establishment.

SEC. 2. 4 *Paper and paper products (including publications and other printed matter).* The exception stated above in Section 2. 2 extends to the following:

(a) Books, magazines, motion pictures, periodicals, newspapers, materials furnished for publication by any press association or feature service, pamphlets, leaflets, sheet music, music rolls, stamp albums, maps, charts, catalogs, directories, programs, house organs, menus, advertising matter printed on paper (except such articles as containers, labels and book matches, the form of which serves a purpose other than that of advertising), time tables, tariffs and price lists: *Provided, however,* That this exception shall not include any commodity listed in Appendix A (§ 1347.475) to Maximum Price Regulation No. 225.

(b) The commodities listed in Appendix A (§ 1347.475) to Maximum Price Regulation No. 225 when sold or delivered by persons engaged primarily in the business of publishing, printing, typesetting, platemaking, binding, or rendering related services, or any combination thereof, whose total gross sales in 1941 of printed papers and printed paper products and services rendered in connection therewith did not exceed $20,000.

SEC. 2. 5 *Chemicals, drugs and paints.* The exception stated above in Section 2. 2 extends to the following:

(a) Hog cholera virus and anti-hog cholera serum (products used in the immunization of swine against hog cholera), manufactured and marketed in compliance with the standards and regulations promulgated by the United States Department of Agriculture, or manufactured in a similar manner and for an identical purpose under license or authority of any State or otherwise and marketed in interstate or foreign commerce or so as directly to burden, obstruct or affect interstate or foreign commerce.

(b) Aviation gasoline and components, synthetic rubber and components, toluene manufactured from petroleum, and agricultural components used in the manufacture of furfural, as set forth below, on condition, however, that within 15 days after entering into any contract for the sale of any such commodity the seller thereof files with the Office of Price Administration (at Washington, D. C. or at any regional or district office) either a duly authenticated copy of such contract or, in lieu thereof, a duly authenticated summary thereof setting forth the name of the seller, the commodities sold, date of contract, term of contract, production origin, name of buyer, point of delivery corresponding to sales price, method of delivery—i. e., tanker, tank car, field pump, etc., volume sold in barrels or other appropriate unit, price in cents per U. S. gallon or other appropriate unit, specifications of product, and notes detailing special provisions of contract, such as price formulae, etc., and on the further condition that such seller file such other records as the Office of Price Administration may require or permit with respect to such sale:

(1) Aviation gasoline of 87 octane rating or higher and, to the extent sold or delivered for use in the manufacture thereof, all components of aviation gasoline of 87 octane rating or higher, including but not limited to alkylate, neohexane, iso-octane, hydrycodimers, isomate, and hot acid octanes; iso-pentane, iso-butane, normal butane and butylenes; and aromatic hydrocarbons and base stocks or fractions thereof.

(2) The following to the extent sold or delivered for use in the manufacture of synthetic rubbers: components of synthetic rubbers, including but not limited to butadiene and styrene; all hydrocarbons and petroleum fractions used in the manufacture of the components of synthetic rubber, including but not limited to ethylene, propylene, butylene, iso-butylene, propane, butane, and isobutane; hydrogen, acetaldehyde, acetylene, vinyl-acetylene, vinyl chloride, vinyl acetate, sebacate esters, phthalate esters, tricresyl phosphate, hydrochloric acid, calcium carbide, ethylene dichloride, dichlorethyl ether, sodium polysulfide, butylene glycol, acrylonitrile, and ethyl-alcohol, and furfural, dehydrogenation catalylsts, including but not limited to chrome-alumina and magnesia-alumina dehydrogenation catalysts, and physical carrier agents for such catalysts, including but not limited to silica gel.

The term "synthetic rubber," as here used, means a material obtained by chemical synthesis, possessing the approximate physical properties of natural rubber, when compared in either the vulcanized or unvulcanized condition, which can be vulcanized with sulphur or other chemicals with the application of heat, and which, when vulcanized, is capable of rapid elastic recovery after being stretched to at least twice its length at temperatures ranging from 0° F. to 150° F. at any humidity.

(3) Toluene manufactured from petroleum and, to the extent sold or delivered for use in the manufacture of such toluene, base stocks from which such toluene is to be extracted, and selected charging stocks to be processed for the synthesis of such toluene.

(4) Agricultural components of furfural, to the extent sold or delivered for use in the manufacture of furfural, including but not limited to oat hulls, cottonseed hulls and cottonseed hull bran.

(c) Volatile ("essential") oils, when sold by the growers (in any of the forty-eight States and the District of Columbia) of the plants from which such oils were distilled.

(d) Botanical drugs, when sold by the pickers, growers, diggers or gatherers of such botanical drugs in any of the forty-eight States and the District of Columbia.

SEC. 2. 6 *Rubber and rubber products.* The exception stated above in section 2. 2 extends to the following:

(a) Synthetic rubber and reclaimed synthetic rubber and their components, as specified above in paragraph (b) (2) of section 2. 5.

(b) Balata rubber when sold or delivered by Rubber Reserve Company; and also when delivered by other sellers if delivery is pursuant to a sale which, when made, was excepted from the General Maximum Price Regulation.

(c) Crude rubber, guayule rubber and liquid latex.

SEC. 2. 7 *Fuel, petroleum products and other oils.* The exception stated above in section 2. 2 extends to the following:

(a) Aviation gasoline of 87 octane rating and higher and its components, as specified above in paragraph (b) (1) of section 2. 5.

(b) Toluene manufactured from petroleum, as specified above in paragraph (b) (3) of section 2. 5.

(c) Core oils and core washing oils.

(d) Bituminous coal produced in Alaska.

SEC. 2. 8 *Machinery, tools and equipment.* The exception stated above in section 2. 2 extends to the following:

(a) Machines and parts excluded from Maximum Price Regulation No. 136 by § 1390.2 thereof, except that machines and parts sold at retail by a person other than the manufacturer thereof and on that account excluded by paragraph (f) of said § 1390.2 shall continue to be governed by the General Maximum Price Regulation.[1]

(b) Instrument jewel bearings.

(c) Diamond dies smaller than .002 inches in diameter.

(d) Used automobiles.

SEC. 2. 9 *Metals and minerals.* The exception stated above in Section 2. 2 applies to the following:

(a) Scrap metal, as specified below in paragraph (a) of section 2. 12.

(b) The following scrap material whether sold to an industrial consumer or other purchaser:

(1) Zinc scrap materials, including but not limited to zinc skimmings, zinc ashes, sal skimmings and flue dust; but some

[1] Machinery services as defined in Maximum Price Regulation No. 136, as amended, are excepted from the General Maximum Price Regulation by § 1499.46 (b) (116) of Revised Supplementary Regulation No. 11.

such materials are governed by Revised Price Schedule No. 3.

(2) Lead scrap materials, including but not limited to lead drosses, lead slags, lead ashes and lead sludges; but some such materials are governed by Revised Price Schedule No. 70.

(3) Residues of tin, solder, babbitt and type material, including but not limited to drosses, scruffs, acidy drosses, fumes, sludges and slags.

(4) Antimony residues, slags, skimmings and drosses.

(5) Copper clad steel scrap—i. e., any steel scrap clad or coated with copper or a copper base alloy, including gilding metal clad steel scrap, in which the cladding or coating amounts to 3% or more by weight.

(c) Block mica of strategic grades (i. e., block mica of a quality better than "heavy stained," as defined in Conservation Order No. M–101 issued by the War Production Board on March 6, 1942) and fabricated mica produced therefrom.

(d) Fluorspar ores.

(e) Blister copper.

(f) Lead bullion.

(g) Ores and ore concentrates. The term "ores" means any mineral substance in a crude state used chiefly as a commercial source of metal contained therein. The term "ore concentrates" means any ore after the removal of a part of the gangue, or a part of the nonmetallic elements, by either a physical or chemical process.

(h) Electrotype plates which are obsolete by reason of the time limitations of War Production Board Order M–99 or which may become obsolete within the definition of War Production Board Order M–99, and backing metal, composed of approximately 94% lead, 3% tin and 3% antimony obtained from these electrotype plates, sold by purchasers of the electrotype plates to the National Lead Company, acting as agent for the Metals Reserve Company.

SEC. 2. 10 *Forest products, lumber and building materials.* The exception stated above in Section 2. 2 applies to the following:

(a) Bark obtained from hemlock, oak, chestnut and spruce.

(b) The following natural forest products used by florists: ferns, leaves, foliage and boughs.

(c) Stumpage, logs and pulpwood.

(d) Wood and gum for naval stores and gum naval stores.

(e) Saw and veneer mill wood wastes, when sold for use as raw materials in wood distillation, including but not limited to slabs, edgings, veneer log ends and cores, and ground wood: *Provided, however,* That no petitions for increase in maximum prices of the products manufactured from the above raw materials will be granted to the extent that such petitions are based on increases in prices of such raw materials above March, 1942, levels.

(f) Any tree or plant, or part thereof, painted or unpainted, mounted or unmounted, which is used for decorative purposes during the Christmas season.

SEC. 2. 11 *Textiles, leather and apparel.* The exception stated above in section 2. 2 applies to the following:

(a) Imported silk wastes.

(b) Wool skins (whether domestic or foreign)—i. e., the untanned skins of sheep or lambs, with the wool still on, other than shearlings or wool skins which are sold for use as furs.

SEC. 2. 12 *Miscellaneous.* The exception stated above in section 2. 2 applies to the following:

(a) Waste materials, including but not limited to metal, paper, cloth and rubber scrap, sold to a purchaser other than an industrial consumer: *Provided, however,* That for purposes of this exception—

(1) "Industrial consumer" includes a person who claims and resells cloth scrap for use as wiping rags or waste and any other person who processes any scrap material otherwise than by sorting, cleaning, baling, compressing or reducing in size.

(2) "Waste materials" does not include scrap burlap or scrap bagging or bale coverings composed of jute, hemp, istle, sisal or similar fibers, nor cotton mill waste (defined to mean all cotton waste produced in the process of converting raw cotton into yarn and yarn into cloth, except jute bagging removed from cotton bales and except any kind of scrap burlap or bagging), nor fatbearing and oil-bearing animal waste materials.

(b) Animals of any kind, whether wild or domestic and whether living or dead, other than those slaughtered for food purposes; but this exception does not extend to pelts, furs, or other parts of animals—as to which see section 3. 2 (f), below.

(c) Manure.

(d) Garbage.

(e) Stamps and coins.

(f) Precious stones and mountings into which precious stones are set. The term "precious stones" means any ruby, sapphire, emerald, natural pearl, or any diamond (other than an industrial diamond) weighing more than 1.00 carat, or any semi-precious stone after sale by the cutter, when the cutter has received more than $100 for the sale of the stone. Synthetic stones and cultured pearls shall not be deemed "precious stones." If two or more diamonds (other than industrial diamonds) with an aggregate weight of 1.50 carats are set in one mounting, the diamonds shall be deemed "precious stones."

(g) Antiques.

(h) Knotted oriental rugs.

(i) Paintings, etchings, sculptures and other objects of art.

(j) Indian and Eskimo handicraft objects which are produced by the manual skill of American Indians, Alaskan Indians or Eskimos.

(k) Securities, including any note, stock, bond, and interest or instrument commonly known as a "security."

(l) Any raw and unprocessed agricultural commodity or greenhouse commodity while it remains in substantially its original state, subject to the following qualifications:

(1) Commodities which are picked, harvested, threshed, ginned, husked, cleaned, dried, baled, boxed, packed, transported and/or refrigerated, without more, remain "raw and unprocessed." But operations such as slaughtering, freezing, canning, preserving, milling, crushing, straining, centrifuging, shelling of nuts, cooking, distilling, and purifying with heat constitute processing for this purpose.

(2) This exception does not extend to any dried fruits or dried berries other than those sold or delivered "in natural condition" by growers to packers; nor to any dried imported agricultural commodities; nor to any forest products, such as lumber, wood, naval stores and mineral products, whether processed or unprocessed.

(3) All natural flowers and floral products, whether fresh or dried, and all seeds and bulbs (while they retain their original identity without being further processed into products commonly designated by other names), are deemed to be raw and unprocessed agricultural commodities and so are included within this exception.

Article III Exception of transactions of a general nature

SEC. 3. 1 *Basis of classification in this article.* The exceptions stated in this article are those which are based primarily upon the nature of the transaction or the parties thereto (other than government agencies, which are the subject of Articles IV and V) and thus generally affect more than one commodity or class of commodities.[2]

SEC. 3. 2 *Transactions excepted.* The following transactions are excepted from the General Maximum Price Regulation either absolutely or, where the exception is qualified, upon the conditions and to the extent indicated:

(a) Sales and deliveries by a farmer, of commodities grown and processed on his farm, if the total of such sales or deliveries does not exceed $75 in any one calendar month.

(b) Sales and deliveries by any person, of his used supplies or equipment not acquired or produced by him for the purpose of sale: *Provided, however,* That this exception shall not apply to the following:

(1) Sales and deliveries of used tin cans sold or delivered to persons authorized or licensed under paragraph (b) (4) of Supplementary Order No. M–72–a,

[2] Exceptions from all price control, which necessarily constitute exceptions from the General Maximum Price Regulation but are not incorporated herein, are contained in the following Supplementary Orders: No. 8, Panama Canal Zone; No. 10, Judicial Sales; No. 21, District of Columbia Penal Institutions; No. 22, Sales to Office of Scientific Research and Development; No. 27, Sales by Army and Navy Stores; No. 35, Purchases of Strategic or Critical Materials by Metals Reserve Company; No. 42, Exception of Sales to Government Agencies Pursuant to Secret Contracts or Subcontracts.

issued by the Director General for Operations, War Production Board.

(2) Sales and deliveries of scrap burlap and scrap bagging or bale coverings composed of jute, hemp, istle, sisal, or similar fibers.

(c) Sales and deliveries by an owner, of his used personal or household effects or other personal property used by him.

(d) Sales and deliveries at a bona fide auction of used household or personal effects, except that this exception shall not apply to any sale at auction conducted in, by, or for a retail or wholesale establishment regularly engaged in the business of selling such goods other than by auction.

(e) Sales and deliveries by hotels, restaurants, soda fountains, bars, cafes, caterers, or other similar eating establishments, of meals, servings of food portions customarily served separately or as part of a meal, or beverages mixed or prepared by the seller; but this exception shall not apply to sales of ice cream in cones, dixie cups, or similar packages.

(f) Sales and deliveries by a breeder, trapper, or hunter, of pelts, furs, or other parts of wild animals raised by him, or trapped, shot, or killed by him, if the total of such sales or deliveries does not exceed $75 in any one calendar month.

(g) Sales and deliveries of commodities sold without private profit in the course of any sale, fair, or bazaar conducted for a period of not more than 15 days by any religious, charitable, or philanthropic organization.

(h) Sales and deliveries of damaged commodities by insurance companies, transportation companies, or agents of the United States Government or by any other person engaged in reconditioning and selling damaged commodities received, in direct connection with the adjustment of losses, from insurance companies, transportation companies, or agents of the United States Government: *Provided,* That such other person has registered with and has been approved by the Office of Price Administration as engaged principally and primarily in such business and as one whose other activities do not include selling new or second-hand commodities for his own account.

(i) Sales and deliveries by non-profit making agencies for the blind (i. e., institutions operated in the interest of blind persons, the net income of which does not inure in whole or in part to the benefit of the shareholders or individuals) of any commodity on which 75 per cent of the direct labor in man-hours has been performed by the blind. Persons are, for this purpose, considered blind if their visual acuity does not exceed 20/200 in the better eye with correcting lenses or if their visual acuity is greater than 20/200 but they have a limitation in the fields of vision such that the widest diameter of the visual field subtends an angle no greater than 20 degrees.

(j) Retail sales or deliveries of commodities made or produced by the seller at his home, solely for his own account, without the assistance of hired employees, if the total of such sales or deliveries does not exceed $75 in any one calendar month.

(k) Purchases, by a person who deals directly with a foreign seller outside the continental United States or his selling agent wherever located, of commodities to be imported into continental United States from outside thereof for consumption therein or to be withdrawn from a bonded warehouse in the United States for consumption therein.

(l) Component parts and subassemblies of certain military products, as specified below in paragraph (c) of section 4. 3.

(m) Sales and deliveries until July 3, 1943, of 40% oleum (109% sulphuric acid) to an ordnance plant or works operated by or for the United States or any agency thereof.

Article IV—Exception of sales to government agencies

SEC. 4. 1 *Basis of classification in this article.* The exceptions stated in this article, classified according to the purchasing agency or agencies, are those which are based primarily upon the governmental character of the purchaser.

SEC. 4. 2 *Exception of sales to the United States or any of its agencies.* Sales and deliveries of the following, when made to the United States or any of its agencies, are excepted from the General Maximum Price Regulation either absolutely or, where the exception is qualified, under the conditions and to the extent indicated:

(a) Brazilian rock quartz crystals, suitable for piezoelectrical purposes.

(b) Standard Model F–4 payroll machines manufactured by the International Payroll Machine Company of Reading, Pennsylvania, delivered prior to July 1, 1943.

(c) Manila cordage sold by Metals Reserve Company or its duly authorized agent or agents. The term "Manila cordage" has the same meaning here as in paragraph (d) of section 4. 5 below.

(d) Brooms sold by Federal Prison Industries, Inc.

(e) 40% oleum, as specified above in paragraph (m) of section 3. 2.

SEC. 4. 3 *Exception of sales to the United States or its agencies or to certain foreign governments or their agencies.* Sales and deliveries of the following are excepted from the General Maximum Price Regulation either absolutely or, where the exception is qualified, under the conditions and to the extent indicated, when made to the United States or any agency thereof or to the government of any country whose defense the President deems vital to the defense of the United States under the terms of the Act of March 11, 1941, entitled "An Act to Promote the Defense of the United States," or any agency of any such government, and also in certain cases of related transactions when made to others as specifically provided below:

(a) Aircraft, ammunition, armored trains, artillery, balloon barrage equipment, bombs, bomb sights, caissons, fire control equipment, gas masks, grenades, gun sights, military bridges, mines, mortars, projectiles, pyrotechnics, small arms, ships and boats and torpedoes.

(b) Amphibians, armored vehicles, automobiles, tanks, trailers and trucks, when sold for military purposes.

(c) Component parts and subassemblies of any product excepted under paragraphs (a) and (b), above, regardless of the person to whom sold or delivered, including all metallic and non-metallic component parts, adjuncts and accessories which have been machined or fabricated but not including raw or unfinished materials or any other materials which are in such form as to permit their use in the manufacture of products other than those excepted under paragraphs (a) and (b), above.[3]

(d) Military propellants and explosives.

(e) Imported mahogany logs, lumber, flitches and veneer, and mahogany lumber, flitches and veneer manufactured therefrom in the United States—or any of the same when sold or delivered to any person who will use such commodity to fulfil (1) a contract with the United States or any agency thereof or with any Government or agency thereof the defense of which the President deems vital to the defense of the United States as aforesaid or (2) a subcontract under any such contract. The term "mahogany," as here used, means the wood of the several species of the genus Swietenia and the wood of the several species of the genus Khaya of the Meliaceae family.

(f) Any commodity purchased for immediate delivery under such circumstances of emergency as to make immediate delivery imperative and as to render it impossible to secure or unfair to require immediate delivery at the maximum price which would otherwise be applicable: *Provided,* That the person making such purchase on behalf of the purchasing Government or agency files a report with the Office of Price Administration, Washington, D. C., within five days after such purchase is made, certifying that such emergency existed and setting forth: (1) the name and address of the seller, (2) date of purchase, (3) date of delivery, (4) description of commodity purchased, (5) quantity purchased, (6) price at which purchased, and (7) a brief statement of the facts giving rise to the emergency situation which necessitated the purchase at a price higher than the applicable maximum price.

(g) Calcium carbide when sold by Defense Supplies Corporation.

(h) Any imported commodity while in its imported state or after being subjected to a process which does not re-

[3] Revised Supplementary Regulation No. 11, § 1499.46 (b) (114), excepts from the General Maximum Price Regulation any manufacturing service performed by a person other than the manufacturer in the production of any product excepted under paragraphs (a), (b) and (c) of section 4. 3, above, if all or part of the material on which such service is performed is supplied by the manufacturer.

sult in the production of a new and different article having a distinctive name, character or use, or any such commodity when sold to any person who will use it to fulfil a contract with the United States or any agency thereof, or with any such other government or any agency thereof, or to fulfil a subcontract under any such contract: *Provided, however,* That:

(1) This exception shall not apply to the following commodities:

(i) Fish and seafood: canned, salted, pickled, smoked or frozen.

(ii) Other foodstuffs processed after importation.

(iii) Silver bullion.

(iv) Crude rubber, balata, and guayule.

(v) Lumber and wood shingles produced in and imported from Canada or Mexico.

(2) The term "imported commodity," as above used, means any commodity entered into the continental United States from outside thereof for consumption therein or withdrawn from a bonded warehouse in the United States for consumption therein.

(j) The following Army field and emergency rations and commodities:

(1) Completed rations: C; D; K; Five-in-One; Mountain; Bail Out; Combat; Jungle; Life Raft; Corned Beef Hash (5½ lb. can); Meat and Vegetable Stew (30 oz. can); Meat and Vegetable Hash (6 lb. 12 oz. can); Chili Con Carne (6 lb. 8 oz. can).

(2) All finished component parts of these rations (for example, finished biscuits, finished drink powders, etc., as distinct from their ingredients). However, the following finished component parts shall be subject to maximum prices in sales to these buyers:

(i) Breakfast cereals.

(ii) Milk, condensed (covered by Maximum Price Regulation No. 289).

(iii) Milk, unsweetened evaporated, unsweetened dehydrated (powdered skim) (covered by Maximum Price Regulation No. 289).

(iv) Canned fruits, fruit juices and nectars (covered by Maximum Price Regulations Nos. 185 and 306).

(v) Dried fruits (covered by Maximum Price Regulation No. 227).

(vi) Raisins (covered by Maximum Price Regulation No. 242).

(vii) Canned vegetables and vegetable juices (covered by Maximum Price Regulations Nos. 152 and 306).

(viii) Dehydrated potato shreds.

(ix) Canned sliced bacon (covered by Maximum Price Regulation No. 148).

(x) Canned pork sausage (covered by Maximum Price Regulation No. 148).

(xi) Canned corned pork (covered by Maximum Price Regulation No. 148).

(xii) Canned corned beef (covered by Maximum Price Regulation No. 156).

(xiii) Spaghetti (covered by Maximum Price Regulation No. 325).

(xiv) Cheese (covered by Maximum Price Regulation No. 280).

(xv) Peanuts (covered by Maximum Price Regulation No. 335).

(xvi) Fruit preserves, jams, jellies (covered by Maximum Price Regulation No. 226).

(xvii) Powdered puddings.

(xviii) Tea (covered by Price Schedule No. 91).

(xix) Sugar (covered by Price Schedule No. 60).

(xx) Salt and salt tablets.

(xxi) Hard candy.

(xxii) Chewing gum.

(xxiii) Cigarettes (covered by Revised Price Schedule No. 62).

(xxiv) Toilet paper (covered by Maximum Price Regulation No. 266).

(j) Canned fish flakes: *Provided, however,* That within fifteen days after entering into any contract made on or after April 3, 1943, for the sale or delivery thereof, the seller shall file with the Office of Price Administration either a duly authenticated copy of such contract or, in lieu thereof, a duly authenticated summary of such contract setting forth the name of the seller, date of contract, term of contract, price, quantity, species and manner of preparation, name of buyer, point of delivery corresponding to sales price, and method of delivery.

(k) The following commodities—but this exception shall expire July 1, 1943:

(i) The following ski troop equipment: carabiners, ice axes, pitons, ski bindings, ski poles, ski wax, mountain and ski goggles;

(ii) Mountain and ski stoves (gasoline, one burner);

(iii) Field ranges, Model–1937 (quartermaster corps); spare parts thereof, Class A;

(iv) Canteens, Model M–1942 (quartermaster corps);

(v) Deliveries of the following commodities pursuant to contracts entered into prior to January 1, 1943:

(*a*) Accessories for field range, Model–1937 (quartermaster corps), parts 222, 223, 224, 225, 226, 227, 228, 229, 230, as listed in Instructions for Operation and Care of Gasoline Field Range, Model–1937 (quartermaster corps);

(*b*) Wire cutters, Model M–1938 (quartermaster corps);

(*c*) Identification tags, Model M–1940 (quartermaster corps);

(*d*) Metal insignia, cap and collar (for enlisted men).

(vi) Deliveries of canteens Model M–1910 (quartermaster corps) pursuant to contracts entered into prior to December 20, 1942.

(vii) Deliveries of the following commodities pursuant to contracts entered into prior to April 1, 1943:

(*a*) Canteen cups and meat cans, Model M–1942;

(*b*) Helmet liners, Model M–1 (quartermaster corps);

(*c*) Paratroop knives.

SEC. 4. 4 *Exception of sales pursuant to developmental contracts or subcontracts.* The General Maximum Price Regulation shall have no application to sales or deliveries of any commodity manufactured or service supplied[4] pursuant to a contract or subcontract which is certified in writing to the Office of Price Administration, Washington, D. C., as being a "developmental" contract or subcontract, by the United States or any agency thereof or by the Government of any country the defense of which the President deems vital to the defense of the United States under the terms of the Act of March 11, 1942, entitled "An Act to Promote the Defense of the United States," or any agency of any such Government: *Provided, however,* That:

(a) The manufacturer of the commodity or the supplier of the service files with the Office of Price Administration, Washington, D. C., within ten days after entering into the contract or subcontract, a report containing a description of the product to be manufactured or service to be supplied, a summary of the terms of the contract or subcontract, including all pricing provisions, a statement of the production plan of which the contract or subcontract is a part, and an estimate of the expected duration of such developmental work.

(b) If at any time the Office of Price Administration determines, after consultation with the certifying government agency, that the period necessary for development has expired and in writing so notifies such agency and the manufacturer of the commodity or supplier of the service, this exception shall not apply to the commodities or services thereafter sold, delivered or supplied under the contract or subcontract to which such notice relates.

(c) A contract or subcontract is, for the purpose of this section, deemed to be "developmental" if the manufacturer or supplier thereunder requires a period of time for the accumulation of sufficient production experience to permit him to make a fair estimate of his manufacturing costs or if the purchaser thereunder requires a period of time to select a product, or both.

SEC. 4. 5 *Exception of sales to Metals Reserve Company or its agents.* Sales and deliveries of the following, when made to Metals Reserve Company or any of its agents, are excepted from the General Maximum Price Regulation either absolutely or, where the exception is qualified, under the conditions and to the extent indicated:

(a) Metallic copper, lead or zinc, or ores or concentrates containing copper, lead or zinc, sold pursuant to the Premium Price Plan announced by the Federal Loan Agency, the War Production Board, and the Office of Price Administration.

(b) Aluminum scrap sold pursuant to the program with respect to idle or excessive inventories of aluminum materials adopted and announced on February 24, 1942, by the War Production Board, Division of Industry Operations.

[4] The supply of such services is excepted from the General Maximum Price Regulation by § 1499.46 (b) (115) of Revised Supplementary Regulation No. 11.

(c) Nickel-bearing scrap materials sold pursuant to the program with respect to frozen stocks of metallic nickel adopted and announced on April 15, 1942, by the War Production Board, Division of Industry Operations.

(d) Manila cordage sold by persons other than the producers thereof. The term "Manila cordage," as here used, means rope and cable in which Manila fiber is used either alone or in combination with other fibers and which is of diameters of $\frac{3}{16}$ of an inch and larger and of lengths of not less than 200 feet and of grades designated by manufacturers as "better than grade #1", "grade #1", "grade #2" and "grade #3."

(e) Nickel oxide sold by the Electric Heating Equipment Company of Philadelphia, Pennsylvania.

(f) Electrotype plates, as specified above in paragraph (h) of section 2. 9.

SEC. 4. 6 *Exception of sales to specified government agencies.* Sales and deliveries of the following, when made to the government agencies or other persons specified below, are excepted from the General Maximum Price Regulation either absolutely or, where the exception is qualified, under the conditions and to the extent indicated:

(a) Talking books manufactured by the American Foundation for the Blind and sold to the Library of Congress.

(b) Tires and tubes sold or delivered to Defense Supplies Corporation pursuant to the Idle Tire Purchase Plan.

(c) Solid-pack pie apricots in No. 10 cans sold to the Agricultural Marketing Administration for Lend-Lease purposes exclusively.

(d) Beef or veal, or any product made or derived therefrom, sold to the armed forces of the United States or the Federal Surplus Commodities Corporation under contracts entered into before July 13, 1942.

(e) Dried apples, dried apricots, raisins, dried peaches or dried pears sold to the armed forces of the United States or to the Federal Surplus Commodities Corporation.

(f) Dehydrated vegetables sold to the armed forces of the United States or any other purchasing agency of the United States.

(g) Phosphorus sold by the Tennessee Valley Authority to the War Department.

Article V—Exception of Sales by Government Agencies

SEC. 5. 1 *Basis of classification in this article.* The exceptions stated in this article are those which are based primarily upon the governmental character of the seller.

SEC. 5. 2 *Commodities excepted.* Sales and deliveries of the following, when made by the government agencies specified below, are excepted from the General Maximum Price Regulation either absolutely or, where the exception is qualified, under the conditions and to the extent indicated:

(a) Any used, damaged or waste materials sold by the War Department or the Department of the Navy.

(b) Vinyl acetate-vinyl chloride copolymer transcription records sold by the United States or any agency thereof.

(c) Ammunition sold by Defense Supplies Corporation.

(d) Phonograph records sold by the recording laboratory of the Library of Congress.

(e) Balata rubber sold by Rubber Reserve Company, as specified above in paragraph (b) of Section 2. 6.

(f) Crude petroleum transported through the war emergency pipelines system and sold by Defense Supplies Corporation at the eastern termini of such system.

(g) Temporary buildings sold apart from the land by the United States or any agency thereof and also the supply of demolition, wrecking, and site-clearance services [5] which are part of and are included within the sale of such temporary buildings.

APPENDIX A—TABLES OF CROSS-REFERENCES

TABLE I.—FORMER PROVISIONS OF THE GENERAL MAXIMUM PRICE REGULATION

Former paragraph of § 1499.9 of GMPR	*Present counterpart in Rev. Supp. Reg. No. 1*
(a) (1) — Combined with § 1499.20 (1).	Sec. 2.12 (1)
(a) (2)	Sec. 2.3 (h)
(a) (3) — Combined with § 1499.20 (p).	Sec. 2.3 (d)
(a) (4) — Combined with § 1499.20 (v).	Sec 2.3 (q)
(a) (4) — Combined with § 1499.20 (w) and (x).	Sec. 2.3 (r)
(a) (5)	[Covered by specific price regulations]
(a) (6)	Sec. 2.3 (i)
(a) (7)	Sec. 2.3 (j) (k) (l) (m) and (n) and Sec. 2.12 (c) and (d)
(a) (8)	Sec. 2.12 (b)
(a) (9)	Sec. 2.4 (a)
(a) (10) — Combined with § 1499.20 (y).	Sec. 2.9 (e) (f) and (g)
(a) (11)	Sec. 2.10 (c)
(a) (12) — Combined with § 1499.20 (z).	Sec. 2.12 (e) (f) (g) (h) and (i)
(a) (13)	Sec. 2.8 (d)
(a) (14)	Sec. 2.10 (d)
(a) (15) — Combined with § 1499.20 (q).	Sec. 2.12 (k)
(b) (1)	Sec. 3.2 (a)
(b) (2)	Sec. 3.2 (b)
(b) (3)	Sec. 3.2 (c)
(b) (4)	Sec. 3.2 (d)
(b) (5)	Sec. 3.2 (e)
(b) (6)	Sec. 3.2 (f)
(b) (7)	Sec. 3.2 (g)

TABLE II.—FORMER PROVISIONS OF SUPPLEMENTARY REGULATION NO. 1

Former paragraph of Supp. Reg. No. 1 (§ 1499.26)	*Present status or counterpart*
(a) (1) — Combined with (e) (1) (i) and (ii).	Rev. Supp. Reg. No. 1, Sec. 2.12 (a)
(a) (2)	Rev. Supp. Reg. No. 1, Sec. 2.9 (b)
(a) (3)	Rev. Supp. Reg. No. 1, Sec. 2.8 (a)
(a) (4)	Rev. Supp. Reg. No. 1, Sec. 2.9 (g)
(a) (5)	Rev. Supp. Reg. No. 1, Sec. 2.8 (b)
(a) (6)	Rev. Supp. Reg. No. 1, Sec. 2.11 (a)
(a) (7)	[Revoked]
(a) (8)	Rev. Supp. Reg. No. 1, Sec. 2.3 (a)
(a) (9)	MPR No. 20, Sec. 1309.71 (i) (1)
(a) (10) — Combined with (e) (1) (iii).	Rev. Supp. Reg. No. 1, Sec. 2.3 (o)
(a) (11) — Combined with (e) (1) (v).	Rev. Supp. Reg. No. 1, Sec. 2.5 (a)
(a) (12) — Combined with (e) (1) (iv).	Rev. Supp. Reg. No. 1, Sec. 2.9 (c)
(a) (13)	Rev. Supp. Reg. No. 1, Sec. 2.8 (c)
(a) (14)	[Expired]
(a) (15) to (21), Incl. —Combined with (e) (1) (vii) and (viii).	Rev. Supp. Reg. No. 1, Sec. 2.3 (p)
(a) (22)	Rev. Supp. Reg. No. 1, Sec. 2.3 (c)
(a) (23)	[Expired]
(a) (24) — Combined with (e) (1) (ix).	Rev. Supp. Reg. No. 1, Sec. 2.11 (b)
(a) (25) — Combined with (e) (1) (xiv).	Rev. Supp. Reg. No. 1, Sec. 2.5 (b)
(a) (26)	Rev. Supp. Reg. No. 1, Sec. 5.2 (a)
(a) (27)	Rev. Supp. Reg. No. 1, Sec. 2.12 (b)
(a) (28)	Rev. Supp. Reg. No. 1, Sec. 2.10 (a)
(a) (29)	Rev. Supp. Reg. No. 1, Sec. 2.3 (b)
(a) (30)	Rev. Supp. Reg. No. 1, Sec. 2.7 (c)
(a) (31)	Rev. Supp. Reg. No. 1, Sec. 2.3 (e)
(a) (32)	Rev. Supp. Reg. No. 1, Sec. 2.9 (h)
(a) (33)	Rev. Supp. Reg. No. 1, Sec. 2.4 (a)
(a) (34)	Rev. Supp. Reg. No. 1, Sec. 2.4 (b)
(a) (35)	Rev. Supp. Reg. No. 1, Sec. 2.7 (d)
(a) (36)	Rev. Supp. Reg. No. 1, Sec. 2.10 (b)
(a) (37) — Combined with (e) (1) (xii).	Rev. Supp. Reg. No. 1, Sec. 2.3 (f)
(a) (38)	[Revoked]
(a) (39)	Rev. Supp. Reg. No. 1, Sec. 2.9 (d)
(a) (40) — Combined with (e) (1) (xiii).	Rev. Supp. Reg. No. 1, Sec. 2.9 (b) (5)
(a) (41)	Rev. Supp. Reg. No. 1, Sec. 5.2 (b)
(a) (42)	Rev. Supp. Reg. No. 1, Sec. 2.12 (j)
(a) (43)	Rev. Supp. Reg. No. 1, Sec. 2.6 (c)
(a) (44) — Combined with (e) (1) (xv).	Rev. Supp. Reg. No. 1, Sec. 2.3 (g)
(b) (1)	Rev. Supp. Reg. No. 1, Sec. 3.2 (h)
(b) (2) — Combined with (e) (1) (x) and (xi).	Rev. Supp. Reg. No. 1, Sec. 3.2 (i)
(b) (3)	Rev. Supp. Reg. No. 1, Sec. 4.6 (a)
(b) (4)	Rev. Supp. Reg. No. 1, Sec. 2.5 (c)

[5] The supply of such services is excepted from the General Maximum Price Regulation by § 1499.46 (b) (117) of Revised Supplementary Regulation No. 11.

Former paragraph of Supp. Reg. No. 1 (§ 1499.26)	*Present status or counterpart*
(b) (5)	Rev. Supp. Reg. No. 1, Sec. 2.10 (e)
(b) (6)	Rev. Supp. Reg. No. 1, Sec. 2.10 (f)
(b) (7)	Rev. Supp. Reg. No. 1, Sec. 2.5 (d)
(b) (8)	Rev. Supp. Reg. No. 1, Sec. 4.6 (b)
(b) (9)	Rev. Supp. Reg. No. 1, Sec. 5.2 (c)
(b) (10)	Rev. Supp. Reg. No. 1, Sec. 5.2 (d)
(b) (11)	Rev. Supp. Reg. No. 1, Sec. 3.2 (j)
(b) (12)	Rev. Supp. Reg. No. 1, Sec. 2.6 (b)
(b) (13)	Rev. Supp. Reg. No. 1, Sec. 5.2 (f)
(c) (1)	Rev. Supp. Reg. No. 11, § 1499.46 (b) (116)
(c) (2)	[Expired]
(d) (1)	Rev. Supp. Reg. No. 1, Sec. 5.2 (g); Rev. Supp. Reg. No. 11, § 1499.46 (b) (117)

TABLE III.—FORMER PROVISIONS OF REVISED SUPPLEMENTARY REGULATION NO. 4

Former paragraph of Rev. Supp. Reg. No. 4 (§ 1499.29)	*Present status or counterpart*
(a) (1)	Rev. Supp. Reg. No. 1, Sec. 4.3 (a) and (b)
(a) (2)	Rev. Supp. Reg. No. 1, Sec. 4.3 (c)
(a) (3)	Rev. Supp. Reg. No. 11, § 1499.46 (b) (114) and (108)
(a) (4)	Rev. Supp. Reg. No. 1, Sec. 4.3 (d)
(a) (5)	Rev. Supp. Reg. No. 1, Sec. 4.4; Rev. Supp. Reg. 11, § 1499.46 (b) (115)
(a) (6)	Supp. Order No. 42
(a) (7)	Rev. Supp. Reg. No. 1, Sec. 4.3 (f)
(a) (8)	Rev. Supp. Reg. No. 1, Sec. 4.3 (k)
(a) (9)	Rev. Supp. Reg. No. 1, Sec. 4.2 (a)
(a) (10)	Rev. Supp. Reg. No. 1, Sec. 4.5 (a)
(a) (11)	Rev. Supp. Reg. No. 1, Sec. 4.5 (b)
(a) (12)	Rev. Supp. Reg. No. 1, Sec. 4.5 (c)
(a) (13)	[Revoked]
(a) (14) (i)	Rev. Supp. Reg. No. 1, Sec. 4.6 (c)
(a) (14) (ii)	[Covered by specific price regulations]
(a) (15)	Supp. Order No. 27
(a) (16)	Rev. Supp. Reg. No. 1, Sec. 4.6 (d)
(a) (17)	Rev. Supp. Reg. No. 1, Sec. 4.2 (b)
(a) (18)	Rev. Supp. Reg. No. 1, Sec. 4.2 (c) and 4.5 (d)
(a) (19)	[Expired]
(a) (20)	[Covered by specific price regulations]
(a) (21)	Rev. Supp. Reg. No. 1, Sec. 4.6 (e)
(a) (22)	Rev. Supp. Reg. No. 1, Sec. 4.6 (f)
(a) (23)	Rev. Supp. Reg. No. 1, Sec. 4.3 (e)
(a) (24)	Rev. Supp. Reg. No. 1, Sec. 4.6 (g)
(a) (25)	Rev. Supp. Reg. No. 1, Sec. 4.5 (e)
(a) (26)	[Expired]
(a) (27)	Rev. Supp. Reg. No. 1, Sec. 4.2 (d)
(a) (28)	Rev. Supp. Reg. No. 11, § 1499.46 (b) (108)
(a) (29)	Rev. Supp. Reg. No. 1, Sec. 4.3 (g)
(a) (30)	Rev. Supp. Reg. No. 1, Sec. 3.2 (m)
(a) (31)	Rev. Supp. Reg. No. 1, Sec. 4.3 (i)
(a) (32)	Rev. Supp. Reg. No. 1, Sec. 4.3 (j)
(b)	Supp. Order No. 9
(e)	[Revoked]

TABLE IV.—PROVISIONS OF REVISED SUPPLEMENTARY REGULATION NO. 12

Paragraph of Rev. Supp. Reg. No. 12 (§ 1499.1401)	*Counterpart in Rev. Supp. Reg. No. 1*
(a) (1)—Combined with § 1499.1406 (a).	Sec. 3.2 (k)
(a) (2)—Combined with § 1499.1406 (a).	Sec. 4.3 (h)

This regulation shall become effective April 22, 1943.

Issued this 16th day of April 1943.

PRENTISS M. BROWN,
Administrator.

[F. R. Doc. 43-5963; Filed, April 16, 1943; 11:54 a. m.]

PART 1499—COMMODITIES AND SERVICES

[Order 400 Under § 1499.3 (b) of GMPR]

THE MACKENZIE CANDY COMPANY

For the reasons set forth in an opinion issued simultaneously herewith, *It is ordered:*

§ 1499.1887 *Authorization of maximum prices for sales of "Today", a candy bar manufactured by The Mackenzie Candy Company, 1279 West Third Street, Cleveland, Ohio.* (a) On and after the 17th day of April, 1943, the Mackenzie Candy Company of Cleveland, Ohio, may sell and deliver to the jobbing trade its candy product known as "Today" candy bar, having a minimum weight of 1½ ounces per bar and packed 24 bars to the box at the maximum price of 68¢ per box delivered. The legend on the wrapper of this bar shall state the minimum weight as 1½ ounces.

(b) Wholesalers and retailers shall establish their respective maximum prices for the "Today" bar at prices not in excess of the maximum price they established for the "Old Hickory" bar pursuant to the General Maximum Price Regulation. In the event a wholesaler or retailer has no established maximum price for the "Old Hickory" bar then his prices for the "Today" bar shall not exceed the price established for the "Old Hickory" bar by his nearest competitor of the same class.

(c) Each seller of the "Today" bar shall maintain the allowances, discounts, and price differentials established in the sale of the "Old Hickory" bar.

(d) The Mackenzie Candy Company shall mail or otherwise supply to its purchasers at the time of or prior to the first delivery to such purchasers a written notice as follows:

The Office of Price Administration has authorized the Mackenzie Candy Company to manufacture and sell "Today" a new 5¢ retail candy bar with a minimum weight of 1½ ounces per bar, at 68¢ per box of 24 bars delivered. The Office of Price Administration has authorized wholesalers to fix their maximum prices for the "Today" bar at prices not in excess of the maximum prices established for our "Old Hickory" bar pursuant to the General Maximum Price Regulation. In the event you have no established price for the "Old Hickory" bar then your price for the "Today" bar shall not exceed the price established for the "Old Hickory" bar by your nearest competitor of the same class.

(e) The Mackenzie Candy Company shall place in or on the smallest box or other retail packing unit of the "Today" bars a printed notice reading as follows:

The Office of Price Administration has authorized maximum selling prices for "Today" candy bars by Specific Order No. ___. As retailers, you are to fix your maximum selling price for the "Today" bar at a price not in excess of the maximum selling price you established for the "Old Hickory" bar pursuant to the General Maximum Price Regulation. In the event you have no established maximum price for the "Old Hickory" bar then your price for the "Today" bar shall not exceed the price established for the "Old Hickory" bar by your nearest competitor of the same class.

(f) This Order No. 400 may be revoked or amended by the Price Administrator at any time.

(g) This Order No. 400 (§ 1499.1887) shall become effective April 17, 1943.

(Pub. Laws 421 and 729, 77th Cong.; E.O. 9250, 7 F.R. 7871)

Issued this 16th day of April 1943.

PRENTISS M. BROWN,
Administrator.

[F. R. Doc. 43-5967; Filed, April 16, 1943; 11:56 a. m.]

PART 1499—COMMODITIES AND SERVICES

[Order 401 Under § 1499.3 (b) of GMPR]

R. W. GRISWOLD CO.

For the reasons set forth in an opinion issued simultaneously herewith, *It is ordered:*

§ 1499.1888 *Authorization of maximum prices for sales of Griswold Dehydrated Mushroom Soup by R. W. Griswold, doing business as R. W. Griswold Company, 1258 Prospect Road, Ashtabula, Ohio, by wholesalers and by retailers.* (a) On and after April 17, 1943, the maximum price for sales by the R. W. Griswold Company, 1358 Prospect Road, Ashtabula, Ohio, of the following dehydrated food item shall be:

Griswold Dehydrated Mushroom Soup:	
12 x one ounce cartons	$0.90

This price is list and at point of origin.

(b) Sellers at wholesale, until the Office of Price Administration issues a general fixed margin regulation governing sales of this item by wholesalers, shall determine their maximum selling price for Griswold Dehydrated Mushroom Soup by adding to their net costs of this item a mark-up of 23% of their net costs, including freight charges.

(c) Sellers at retail, until the Office of Price Administration issues a general fixed margin regulation governing sales of this item by retailers, shall determine their maximum selling price for the new product by adding to their net costs of this item a mark-up of 41% of their net costs, including freight charges.

(d) Net cost shall mean the price paid for the first delivery of Griswold Dehydrated Mushroom Soup in customary quantity from a customary supplier at a customary receiving point by the customary mode of transportation less all discounts except a discount for prompt payment. No costs of local drayage, hauling, loading or unloading shall be included in net cost.

(e) No seller, except a seller at retail, shall change his customary discounts, allowances, price differentials or trade practices applying to comparable items of dehydrated foods in making sales of the subject commodity unless such change results in a lower selling price.

(f) On and after April 17, 1943, R. W. Griswold Company shall supply a written notification to each wholesaler before or at the time of first delivery of Griswold Dehydrated Mushroom Soup and for a period of three months thereafter shall include with each shipping unit of Griswold Dehydrated Mushroom Soup a written notification to retailers. If such retailer notification is enclosed in a shipping unit, a legend shall be affixed outside of such unit to read "Retailer's Notice Enclosed". The written notifications, for each type of purchaser shall include the following appropriate statements:

Notification From R. W. Griswold Company to Wholesalers

The OPA has authorized us to charge wholesalers the following for Griswold Dehydrated Mushroom Soup subject to all customary allowances and discounts:

Griswold Dehydrated Mushroom Soup:	
12 x one ounce cartons	$0.90

This price is list and at point of origin.

Wholesalers, until the Office of Price Administration issues a general regulation governing sales of this item by wholesalers, are authorized to establish a ceiling price by adding to the net cost of the item 23% of such net cost including freight charges.

Retailers, until the Office of Price Administration issues a general regulation governing sales of this item by retailers, are authorized to establish a ceiling price by adding to their net cost 41% of such net cost, including freight charges.

Net cost shall mean the price paid for the first delivery of Griswold Dehydrated Mushroom Soup is a customary quantity from a customary supplier at a customary receiving point by the customary mode of transportation less all discounts except a discount for prompt payment. No costs of local drayage, hauling, loading or unloading shall be included in net cost.

A copy of a notification to retailers is included in every shipping unit of this item. If the initial sale of this item to any retailer is a split case scale, wholesalers are required to provide such retailer with a copy of the retail notification so enclosed. The Office of Price Administration requires that you keep this notice for examination.

Notification from R. W. Griswold Company to Retailers

The OPA authorizes retailers, until the Office of Price Administration issues a general regulation governing sales of this item by retailers, to establish a ceiling price for Griswold Dehydrated Mushroom Soup by adding to the net cost of this item 41% of such cost including freight charges.

Net cost shall mean the price paid for the first delivery of Griswold Dehydrated Mushroom Soup in a customary quantity from a customary supplier at a customary receiving point by the customary mode of transportation less all discounts except a discount for prompt payment. No costs of local drayage, hauling, loading or unloading shall be included in net cost. The Office of Price Administration requires that you keep this notice for examination.

(g) This Order No. 401 may be revoked or amended by the Price Administrator at any time.

(h) This Order No. 401 (§ 1499.1888), shall become effective as of April 17, 1943.

(Pub. Laws 421 and 729, 77th Cong.; E.O. 9250, 7 F.R. 7871)

Issued this 16th day of April 1943.

PRENTISS M. BROWN,
Administrator.

[F. R. Doc. 43-5968; Filed, April 16, 1943; 11:53 a. m.]

PART 1499—COMMODITIES AND SERVICES

[Order 402 Under § 1499.3 (b) of GMPR]

G. S. SUPPIGER CO.

For the reasons set forth in an opinion issued simultaneously herewith, *It is ordered:*

§ 1499.1889 *Authorization of maximum prices for sales of Brooks Beans in Tomato Sauce, Brooks Chili Hot Beans and Brooks Chili Hot Spaghetti all in 17 ounce jars by G. S. Suppiger Company, by wholesalers and by retailers.* (a) On and after April 17, 1943, the maximum prices for sales by G. S. Suppiger Company, having its principal office at 1530 Hadley Street, St. Louis, Missouri, and its plant in Collinsville, Illinois, of the following products, f. o. b. plant, shall be:

	Per dozen 17 oz. jars
Brooks beans in tomato sauce	$1.22
Brooks chili hot beans	1.27
Brooks chili hot spaghetti	1.28

(b) G. S. Suppiger Company shall give the same discounts and other allowances which it gives on other comparable items sold by it when making sales of the items priced by this order, unless a change in any of these discounts results in lower selling prices.

(c) Wholesalers and retailers shall determine their maximum selling prices for Brooks Beans in Tomato Sauce, Brooks Chili Hot Beans and Brooks Chili Hot Spaghetti by the appropriate Office of Price Administration regulations.

(d) This Order No. 402 may be revoked or amended at any time by the Price Administrator.

(e) This Order No. 402 (§ 1499.1889) shall become effective April 17, 1943.

(Pub. Laws 421 and 729, 77th Cong.; E.O. 9250, 7 F.R. 7871)

Issued this 16th day of April 1943.

PRENTISS M. BROWN,
Administrator.

[F. R. Doc. 43-5969; Filed, April 16, 1943; 11:53 a. m.]

PART 1499—COMMODITIES AND SERVICES

[Rev. SR 4 to GMPR, Revocation]

EXCEPTIONS: SALES TO UNITED STATES AGENCIES

Revised Supplementary Regulation No. 4 (§ 1499.29) is hereby revoked.

This order of revocation shall become effective April 22, 1943.

(Pub. Laws 421 and 729, 77th Cong.; E.O. 9250, 7 F.R. 7871)

Issued this 16th day of April 1943.

PRENTISS M. BROWN,
Administrator.

[F. R. Doc. 43-5964; Filed, April 16, 1943; 11:53 a. m.]

PART 1499—COMMODITIES AND SERVICES

[SR 7 to GMPR, Revocation]

EXCLUSION OF CERTAIN CONTRACTS FOR THE FABRICATION OF ARMY FIELD JACKETS

Supplementary Regulation No. 7 (§ 1499.33) is hereby revoked.

This order of revocation shall become effective April 22, 1943.

(Pub. Laws 421 and 729, 77th Cong.; E.O. 9250, 7 F.R. 7871)

Issued this 16th day of April, 1943.

PRENTISS M. BROWN,
Administrator.

[F. R. Doc. 43-5965; Filed, April 16, 1943; 11:54 a. m.]

TITLE 43—PUBLIC LANDS; INTERIOR

Chapter I—General Land Office

Subchapter F—Color of Title and Riparian Claims

[Circular 1526]

PART 140—GENERAL REGULATIONS GOVERNING COLOR OF TITLE CLAIMS

FILING OF APPLICATION

In order to require applications under the color of title regulations to be filed in duplicate, § 140.3 of Title 43 of the Code of Federal Regulations and Paragraph 3 of Circular 1186, approved April 15, 1929 (52 L. D. 612), are hereby amended to read as follows:

§ 140.3 *Filing of application.* Applications under the Act of December 22, 1928 must be filed in duplicate with the register of the district land office for the district in which the land thus applied for is situated; or, if there is no district land office in the State where the land is situated, with the Commissioner of the General Land Office, Washington, D. C. (R.S. 453, 2478; 43 U.S.C. 2, 1201).

FRED W. JOHNSON,
Commissioner.

APRIL 6, 1943.

Approved:

OSCAR L. CHAPMAN,
Assistant Secretary.

[F. R. Doc. 43-5926; Filed, April 16, 1943; 9:56 a. m.]

Notices

DEPARTMENT OF THE INTERIOR.

Bituminous Coal Division.

[Docket No. A-1768]

DISTRICT BOARD 2

MEMORANDUM OPINION AND ORDER OF THE DIRECTOR

In the matter of the Petition of District Board No. 2 for a change in minimum prices and price classifications established for size groups 1 and 2 for rail shipments for the coals of the Midland Mine, Mine Index No. 148 in District No. 2.

On March 19, 1943, 8 F.R. 3569, a memorandum opinion and order were made and entered by the Director in the above entitled proceeding establishing an "A" price classification for coals in Size Groups 1 and 2 produced by Pittsburgh Coal Co., a code member in District 2, at its Midland Mine (Mine Index No. 148), for rail shipment to all Market Areas, in lieu of the presently effective "C" classification for such coals, as prayed for in the petition herein.

On March 31, 1943, Bituminous Coal Consumers' Counsel filed a motion for reconsideration and modification of the memorandum opinion and order, and requested that relief be denied. The motion for reconsideration is hereby granted.

The memorandum opinion and order recite that upon the basis of the entire record in this proceeding the requested reclassification should be granted. In arriving at this conclusion, full consideration of the brief filed by Consumers' Counsel was afforded. Failure to make specific mention of the filing of the brief was an inadvertence. The contentions urged in the brief are reiterated in the motion for reconsideration and modification.

It should be observed at the outset that the only evidence introduced at the hearing was that of the witness Francis Y. Casey, vice chairman of District Board 2 and a member of its Price and Classification Committee, whose testimony as a district board official, and an expert on coals produced in District 2, remained uncontroverted after examination and cross-examination by Consumers' Counsel.

Consumers' Counsel contends that no changes in the character and quality of the coal or in mining and preparation methods have been made since the establishment of prices in General Docket No. 15; that no official complaints against present price classification have been made; that there is no evidence relating to analyses; and that the evidence as to size, structure, and appearance resulted from visual inspection. As appears from the memorandum opinion and order, I find no merit in any of these contentions. Change in character, quality and in method of mining and preparing the coal was not urged by the petitioner at the hearing as a basis for reclassification. The witness Casey testified, rather, that additional information as to the character of the coal presently available to the district board was persuasive that a need for reclassification exists. The contention that there have been no official complaints against the "C" classification is refuted by the very nature of the proceeding herein. The petition of the district board is an official complaint under section 4 II (d) of the Act. Reference was made at the hearing as to analyses. The witness Casey gave testimony that "the block coals produced in this section are all approximately the same from an analytical standpoint," which was elaborated and adhered to on cross-examination. Moreover, it was specifically testified that the request for relief was not based on proximate analysis for the reason that the market for domestic coals is not relatively influenced by this factor.

Finally, the contention that "the testimony regarding size, structure, and appearance of the coal discloses that the demand for reclassification was predicated entirely upon a simple visual inspection of the coal as compared with coals produced at other mines" is not a fair and accurate summation of the evidence. The record discloses that inspections had been made over a period of several months by technical representatives of the district board. Based upon the results thereof and upon more accurate data as to the comparative factors relatively essential in an evaluation of domestic coals, as set forth in detail in the memorandum opinion and order, reclassification was requested in this proceeding.

Upon a reconsideration of the record and for the foregoing reasons I adhere to my original conclusion that the evidence adequately establishes a basis for the relief requested within the meaning of the Bituminous Coal Act of 1937. In view of the uncontroverted testimony in the record, which I credit, the pertinent factors relating to the classification of domestic coals, the character and history of the coals involved herein, and a proper appreciation of the function of district boards in the price-fixing process, I am of the opinion, and I find, that the reclassification herein ordered is necessary to comply with the standards set forth in sections 4 II (a) and (b) of the Act and to effectuate the purposes thereof.

Now, therefore, it is ordered, That the motion of Consumers' Counsel for the modification of the memorandum opinion and order entered herein on March 19, 1943, be and the same hereby is denied.

Dated: April 13, 1943.

[SEAL] DAN H. WHEELER,
Director.

[F. R. Doc. 43-5931; Filed, April 16, 1943; 10:44 a. m.]

[Docket No. A-1927]

THOMAS BROTHERS, ET AL.

MEMORANDUM OPINION AND ORDER GRANTING TEMPORARY RELIEF

In the matter of the petition of Thomas Brothers, John H. Matthews and J. W. Larson, for Permission to Mix Coals of Certain Mines in District No. 1.

An original petition pursuant to section 4 II (d) of the Bituminous Coal Act of 1937 was duly filed with this Division by the above-named parties, requesting permission to mix coals produced by Thomas Brothers at the Thomas No. 2 Mine, Mine Index No. 3570, by John H. Matthews at the Matthews Nos. 2, 3, and 5 Mines, Mine Index Nos. 3204, 2866, and 3627, respectively, and by J. W. Larson at the Larson's Mine, Mine Index No. 1654, for shipment by rail over the tipple owned by John H. Matthews at Grampian, Pennsylvania, on the Pennsylvania Railroad. This petition prayed that a temporary or preliminary order be issued granting such request and that any or all of said petitioners be permitted to mix coals which may be produced by said petitioners or any of them at the additional mine or mines that they or any of them operate in the same seam and locality, with coals produced by said petitioners, or any of them, at the above-named mines.

No petitions of intervention have been filed in this matter.

Upon the basis of the original petition filed herein, the Director is of the opinion that a reasonable showing of necessity has been made for the granting of temporary relief, as hereinafter set forth. The request for permission to mix coals to be produced at mines which said petitioners may acquire in the future, however, should be denied without prejudice to the renewal thereof, when such mines are acquired.

Now, therefore, it is ordered, That pending further order, temporary relief be, and the same hereby is, granted as follows: Commencing forthwith the schedule of effective minimum prices for District No. 1 for all shipments except truck is supplemented to include the price classifications, minimum prices, changes in shipping points and other matter appearing in Supplement R which is annexed hereto and made a part hereof.

It is further ordered, That the request for permission to mix coals to be produced at mines which said petitioners may acquire in the future be, and the same hereby is, denied without prejudice, however, to the renewal thereof, when such mines are acquired.

It is further ordered, That pleadings in opposition to the original petition in the above-entitled matter and applications to stay, terminate or modify the temporary relief herein granted may be filed with the Division pursuant to the rules and regulations governing practice and procedure before the Bituminous Coal Division in proceedings instituted pursuant to section 4 II (d) of the Bituminous Coal Act of 1937.

No relief is granted herein for the Matthews No. 5 (S) Mine, Mine Index No. 3636 of John H. Matthews, for the reason that Mine Index No. 3636 was consolidated with Mine Index No. 3627 in Docket No. A–1719.

An order scheduling a hearing to adduce facts upon which final relief in this matter may be based will be issued in due course.

Dated: April 14, 1943.

[SEAL] DAN H. WHEELER,
Director.

[F. R. Doc. 43–5932; Filed, April 16, 1943; 10:44 a. m.]

General Land Office.

[Public Land Order 107]

CARIBOU NATIONAL FOREST, IDAHO

WITHDRAWAL OF PUBLIC LAND

Withdrawing public land for the use of the Forest Service in connection with the administration of the Caribou National Forest.

By virtue of the authority contained in the act of June 25, 1910, c. 421, 36 Stat. 847, as amended by the act of August 24, 1912, c. 369, 37 Stat. 497 (U.S.C., title 43, secs. 141–143), and pursuant to Executive Order No. 9146 of April 24, 1942, *It is ordered,* As follows:

Subject to valid existing rights, the following-described public land in Idaho is hereby temporarily withdrawn from settlement, location, sale, or entry, and reserved for use by the Forest Service, Department of Agriculture, as a headquarters site for the Swan Valley Ranger Station, in connection with the administration of the Caribou National Forest, effective upon the date of its release from the withdrawal for reclamation purposes made by the order of the Acting Secretary of the Interior dated November 4, 1904:

BOISE MERIDIAN

T. 1 N., R. 43 E.,
sec. 1, E½ lot 1,
E½W½ lot 1,
E½NE¼SE¼NE¼,
E½NW¼NE¼SE¼NE¼.

The area described contains 35.74 acres.

ABE FORTAS,
Acting Secretary of the Interior.

MARCH 31, 1943.

[F. R. Doc. 43–5925; Filed, April 16, 1943; 9:56 a. m.]

[Stock Driveway Withdrawal 268, Wash. 5]

WASHINGTON

STOCK DRIVEWAY WITHDRAWAL

By virtue of the authority contained in section 7 of the act of June 28, 1934, 48 Stat. 1272, as amended by the act of June 26, 1936, 49 Stat. 1976 (U.S.C. title 43, sec. 315f), and in section 10 of the act of December 29, 1916, 39 Stat. 865, as amended by the act of January 29, 1929, 45 Stat. 1144 (U.S.C. title 43, sec. 300), *It is ordered,* As follows:

The following-described public lands in Washington are hereby classified as necessary and suitable for stock-driveway purposes, and, excepting any mineral deposits therein, are withdrawn from all disposal under the public-land laws and reserved, subject to valid existing rights, for the use of the general public, the reservation to be known as Stock Driveway Withdrawal No. 268, Washington No. 5:

WILLAMETTE MERIDIAN

T. 17 N., R. 23 E., sec. 20, Lots 4 and 5, sec. 28, Lots 1, 2, 3, and 4.

The areas described aggregate 160.45 acres.

Any mineral deposits in the lands shall be subject to location and entry only in the manner prescribed by the Secretary of the Interior in accordance with the provisions of the aforesaid act of January 29, 1929, and existing regulations.

OSCAR L. CHAPMAN,
Assistant Secretary of the Interior.

APRIL 6, 1943.

[F. R. Doc. 43–5924; Filed, April 16, 1943; 9:56 a. m.]

DEPARTMENT OF AGRICULTURE.

Agricultural Marketing Administration.

[P&S Docket No. 1510]

ESSEX COUNTY COOP COMPANY

ORDER OF AMENDMENT AND SUSPENSION

This proceeding under the Packers and Stockyards Act, 1921 (7 U.S.C. 1940 ed. 181 et seq.), was instituted by an order of suspension published in the FEDERAL REGISTER on August 15, 1942 (7 F.R. 6443), which was amended by an order of inquiry and notice of hearing published on September 15, 1942 (7 F.R. 7263). Those orders are further amended by adding the following:

10. On March 19, 1943, respondent, Essex County Coop Company, Newark, New Jersey, filed Amendment No. 2 to its Tariff No. 1, to become effective April 15, 1943, the effect of which would increase its charges for rental of "poultry coops" from 58½ to 65 cents, and of "turkey coops" from 65 to 70 cents.

There being reason to believe that these proposed increases are unjustified and unreasonable, they should be suspended pending hearing and decision in this proceeding. Therefore, the amendment effecting them is suspended for a period of 30 days after it would otherwise take effect. A copy of this order shall be served on respondent by registered mail, and it shall be published in the FEDERAL REGISTER.

Done at Washington, D. C., this 15th day of April 1943. Witness my hand and the seal of the Department of Agriculture.

[SEAL] THOMAS J. FLAVIN,
Secretary of Agriculture.[1]

[1] Acting pursuant to authority delegated by the Secretary of Agriculture under the Act of April 4, 1940 (54 Stat. 81: 7 F.R. 2656).

[F. R. Doc. 43–5933; Filed, April 16, 1943; 11:11 a. m.]

OFFICE OF ALIEN PROPERTY CUSTODIAN.

[Vesting Order 663]

PATENTS OF NATIONALS OF DANZIG

Under the authority of the Trading with the Enemy Act, as amended, and Executive Order No. 9095, as amended, and pursuant to law, the undersigned, after investigation:

1. Finding that the persons identified in Exhibit A attached hereto and made a part hereof as the inventors and grantees of the patents described in said Exhibit A, are residents of Danzig and are nationals of a foreign country (Danzig);

2. Finding that the owner or owners of each patent described in said Exhibit A are one or more of the persons identified therein as inventor or grantee of such patents;

3. Finding, therefore, that the property described as follows:

All right, title and interest, including all accrued royalties and all damages and profits recoverable at law or in equity from any person, firm, corporation or government for past infringement thereof, in and to the patents identified in said Exhibit A,

is property in which nationals of a foreign country (Danzig) have interests;

4. Having made all determinations and taken all action, after appropriate consultation and certification, required by said Executive Order or Act or otherwise; and

5. Deeming it necessary in the national interest;

hereby vests in the Alien Property Custodian the property hereinbefore described in subparagraph 3, to be held, used, administered, liquidated, sold or otherwise dealt with in the interest of and for the benefit of the United States.

Such property, and any or all of the proceeds thereof, shall be held in an appropriate special account or accounts, pending further determination of the Alien Property Custodian. This shall not be deemed to limit the powers of the Alien Property Custodian to return such property or the proceeds thereof, or to indicate that compensation will not be paid in lieu thereof, if and when it should be determined that such return should be made or such compensation should be paid.

Any person, except a national of a designated enemy country, asserting any claim arising as a result of this order may file with the Alien Property Custodian a notice of his claim, together with a request for a hearing thereon, on Form APC–1, within one year from the date hereof, or within such further time as may be allowed by the Alien Property Custodian. Nothing herein contained shall be deemed to constitute an admission of the existence, validity or right to allowance of any such claim.

The terms "national" and "designated enemy country" as used herein shall have the meanings prescribed in section 10 of said Executive Order.

Executed at Washington, D. C., on January 18, 1943.

[SEAL] LEO T. CROWLEY,
Alien Property Custodian.

EXHIBIT A

1,567,758. Oil lever indicator for ships bunkers, oil containers and the like. Schriever Luder (inventor). Issued 12–29–25.

1,636,050. Device for damping the oscillations of multiple crank shafts. Fottinger Hermann (inventor). Issued 7–19–27.

1,651,349. Therapeutic instrument. Gaertner Arthur (inventor). Issued 11–29–27.

1,658,674. Combustion pump. Fottinger Hermann (inventor). Issued 2–7–28.

1,702,274. Determining the quantity of flowing liquids or gases. Schmidt Ernst (inventor). Issued 2–19–29.

1,796,589. Tobacco pipe. Buttner Fritz (inventor). Issued 3–17–31.

1,854,163. Garment press. Paesler Gottfried (inventor). Issued 4–12–32.

1,890,418. Heat insulation. Schmidt Ernst (inventor). Issued 12–6–32.

1,910,127. Fireproof material. Schmidt Ernst (inventor). Issued 5–23–33.

1,925,765. Food preparation. Lindner Paul (inventor). Issued 9–5–33.

1,957,143. Tobacco pipe. Kretzner Erwin (inventor). Issued 5–1–34.

1,981,409. Method of husking cereals. Barra Albin (inventor). Issued 11–20–34.

2,097,052. Board game. Strey Elfriede (inventor). Issued 10–26–37.

2,269,665. Preparation of cellulose meal. Herbst Walter (inventor). Issued 1–13–42.

(F. R. Doc. 43–5318; Filed, April 5, 1943; 2:04 p. m.)

[Vesting Order 664]

PATENTS OF NATIONALS OF DENMARK

Under the authority of the Trading With the Enemy Act, as amended, and Executive Order No. 9095, as amended, and pursuant to law, the undersigned, after investigation:

1. Finding that the owners of the patents and other property related thereto described in subparagraph 3 hereof are either the persons identified in Exhibit A attached hereto and made a part hereof as the grantees of such patents, respectively, or (in the cases only of those patents, if any, in connection with which no grantees are so identified) the persons identified in said Exhibit A as the respective inventors thereof;

2. Fnding that each of such owners is a resident of Denmark, and therefore is a national of a foreign country (Denmark);

3. Finding, therefore, that the property described as follows:

All right, title and interest, including all accrued royalties and all damages and profits recoverable at law or in equity from any person, firm, corporation or government for past infringement thereof, in and to the patents identified in said Exhibit A,

is property of nationals of a foreign country (Denmark);

4. Having made all determinations and taken all action, after appropriate consultation and certification, required by said Executive Order or Act or otherwise; and

5. Deeming it necessary in the national interest;

hereby vests in the Alien Property Custodian the property hereinbefore described in subparagraph 3, to be held, used, administered, liquidated, sold or otherwise dealt with in the interest of and for the benefit of the United States.

Such property, and any or all of the proceeds thereof, shall be held in an appropriate special account or accounts, pending further determination of the Alien Property Custodian. This shall not be deemed to limit the powers of the Alien Property Custodian to return such property or the proceeds thereof, or to indicate that compensation will not be paid in lieu thereof, if and when it should be determined that such return should be made or such compensation should be paid.

Any person, except a national of a designated enemy country, asserting any claim arising as a result of this order may file with the Alien Property Custodian a notice of his claim, together with a request for a hearing thereon, on Form APC–1, within one year from the date hereof, or within such further time as may be allowed by the Alien Property Custodian. Nothing herein contained shall be deemed to constitute an admission of the existence, validity or right to allowance of any such claim.

The terms "national" and "designated enemy country" as used herein shall have the meanings prescribed in section 10 of said Executive Order.

Executed at Washington, D. C., on January 18, 1943.

[SEAL] LEO T. CROWLEY,
Alien Property Custodian.

EXHIBIT A

RE17,607. Pillow and cushion and casing for same. Lange Hans Ove (inventor). Issued 2-26-29.

RE18,721. Device for pressing articles. Christiansen Paul Christen (inventor). Issued 8-12-30.

RE18,959. Heel for boots or shoes. Jorgensen Martin Johannes (inventor). Issued 11-17-31.

RE21,433. Capsule stopper for bottles, jars, glasses, and the like. Pedersen Gunner Frederik Marinus (inventor); Dansk Crown Cork Fabrik Ved Aage, Weybye Lassen (grantees). Issued 10-18-38.

1,563,705. Carburetor. Hansen Ellehammer Jacob Christian (inventor). Issued 12-1-25.

1,564,202. Method of producing water insoluble multicolored screens. Christensen Jens Herman (inventor). Issued 12-8-25.

1,564,439. Method and apparatus for the working of peat bogs and the like. Nyeboe Marius Ib (inventor). Issued 12-8-25.

1,565,256. Method of producing photographic copies by means of phosphorescent substances. Christensen Jens Herman (inventor). Issued 12-15-25.

1,565,803. Steering wheel for automobiles and the like. Jensen Peter Martin (inventor). Issued 12-15-25.

1,565,968. Arrangement on talking apparatus for the reception and reproduction of records. Smith Kristian Harald (inventor). Issued 12-15-25.

1,566,129. Heel for boots and shoes. Thordarson Edlekristine (inventor). Issued 12-15-25.

1,567,224. Weighing implement the deflection of which is made visible or enlarged by optical means. Baagoe Anthon Johannes (inventor); As Nielsen & Winther (grantee). Issued 12-29-25.

1,567,367. Electric jet wave commutator and interrupter. Hartmann Julius Frederik Georg Poul (inventor). Issued 12-29-25.

1,567,683. Sound transmission apparatus. Smith Harald (inventor). Issued 12-29-25.

1,567,889. Tramway rail. Andersen Carl, et al., Christiansen Loris, Flodin Ludvig, Flodin Albert (inventors). Issued 12-29-25.

1,568,994. Flushing tank. Norbork Christen (inventor). Issued 1-12-26.

1,569,014. Machine gun support. Haubroe Werner Christian Lassen (inventor). Issued 1-12-26.

1,570,370. Suction apparatus. Brodersen Laust, et al., Steppinge Max Edlef (inventors). Issued 1-19-26.

1,570,529. Manufacture of margarine and edible fats. Schou Einar Viggo (inventor). Issued 1-19-26.
1,570,953. Packing material. Ebbesen Mads Poulsen (inventor). Issued 1-26-26.
1,572,431. Hollow dibble. Hansen Holger (inventor). Issued 2-9-26.
1,572,538. Resistance. Klaerbye Oluf (inventor); A. S. Eto Electro Co. (grantee). Issued 2-9-26.
1,573,528. Footwear. Sorensen Marius M., (inventor); Enna Ernst Frederik Henry (grantee). Issued 2-16-26.
1,575,988. Advertising apparatus. Gleerup Moller Christian (inventor). Issued 3-9-26.
1,576,287. Mouthpiece for use in blowing soap bubbles. Larsen Rudolph (inventor). Issued 3-9-26.
1,577,487. Vertical chamber oven supporting means. Otto Carl (inventor). Issued 3-23-26.
1,577,968. Joint between walls separating two gaseous or liquid fluids under pressure. Hemmingsen Torkild Valdemar (inventor). Issued 3-23-26.
1,577,972. Process for production of ornaments, lettering, or the like on artificial stone. Jacobs Arnold Niels Peter (inventor). Issued 3-23-26.
1,578,287. Electrode for jet wave commutators and interrupters. Hartmann Julius Frederik Georg Poul (inventor). Issued 3-30-26.
1,580,014. Adjustable pad. Christiansen Peter Vilhelm (inventor). Issued 4-6-26.
1,580,502. Mechanism for automatic turning of irrigating pipes. Larsen Laurits Thorvald (inventor). Issued 4-13-26.
1,580,758. Back straightener. Nyrop Johan Ernst (inventor). Issued 4-13-26.
1,580,762. Reproduction of speaking films. Poulsen Arnold, et al., Petersen Axel Carl Georg (inventors). Issued 4-13-26.
1,581,382. Doll. Buchtrup Karen Margrethe (inventor). Issued 4-20-26.
1,581,598. Recording means. Poulsen Arnold, et al., Petersen Axel Carl Georg (inventors). Issued 4-20-26.
1,583,333. Rotary cooling drum. Bigun Hans Jorgen Jensen (inventor). Issued 5-4-26.
1,587,578. Diesel motor. Blache Hans Henrik (inventor). Issued 6-8-26.
1,587,587. Sound funnel for radiotelephony or other sound reproduction. Jorgensen Georg Karlo Villy (inventor). Issued 6-8-26.
1,588,887. Machine gun with exchangeable barrel. Haubroe Werner Christian Lassen (inventor). Issued 6-15-26.
1,588,888. Drum shaped cartridge magazine for machine guns or the like. Haubroe Werner Christian Lassen (inventor). Issued 6-15-26.
1,590,375. Mud guard for motor cars. Hviid Henry William, et al., Jensen Julius August (inventors). Issued 6-29-26.
1,590,686. Method of sewing two articles together. Holtermand Jens (inventor). Issued 6-29-26.
1,590,687. Device for counting articles of different kinds. Holtermand Jens (inventor). Issued 6-29-26.
1,591,579. Handball, punchball, and the like. Thygesen Niels Peter (inventor). Issued 7-6-26.
1,592,753. Applicator cap for collapsible tubes. Beyer Jacob Lawrence (inventor); Bruun Otto Johannes (grantee). Issued 7-13-26.
1,594,365. Tripod for machine guns. Haubroe Werner Christian Lassen (inventor). Issued 8-3-26.
1,595,687. Receptacle for writing leads, needles, and like articles. Petersen Waldemar Carl Axel (inventor); Biyantfabriken Viking, Ltd., Liability Co. (grantee). Issued 8-10-26.
1,596,177. Trigger mechanism for automatic small firearms. Haubroe Werner Christian Lassen (inventor). Issued 8-17-26.
1,596,178. Drum shaped cartridge magazine for machine guns or the like. Haubroe Werner Christian Lassen (inventor). Issued 8-17-26.
1,597,819. Device for feeding acoustic films at constant speed. Poulsen Arnold, et al., Petersen Axel Carl Georg (inventors). Issued 8-31-26.
1,597,997. Cylindrical brush and unit member thereof. Nielsen Laurits Henrik (inventor). Issued 8-31-26.
1,597,998. Bristle ring. Nielsen Laurits Henrik (inventor). Issued 8-31-26.
1,603,155. Manufacture of emulsifying ingredients or materials and emulsions thereof. Schou Einar Viggo (inventor). Issued 10-12-26.
1,603,386. Elevation adjusting device for machine guns. Haubroe Werner Christian Lassen (inventor). Issued 10-19-26.
1,603,395. Gear wheel pump of adjustable capacity. Mohl Steffen (inventor). Issued 10-19-26.
1,603,635. Cylinder lock. Norung Einer Hansen (inventor). Issued 10-19-26.
1,603,674. Filter for vacuum brushes. Fisker Peder Andersen (inventor); A. S. Fisker & Nielsen (grantee). Issued 10-19-26.
1,603,726. Centrifuge mainly for purifying or separating liquids from impurities contained. Thomsen Thomas Christian (inventor); Kofold Haubergmarstrand & Helweg, A. S. Titan (grantees). Issued 10-19-26.
1,607,338. Funnel for sound-reproducing apparatus talking machines and the like. Corell Axel Hans Holger (inventor). Issued 11-16-26.
1,608,170. Fuel valve. Hemmingsen Torkild Valdemar (inventor). Issued 11-23-26.
1,611,125. Truss. Nyrop Aage (inventor). Issued 12-14-26.
1,611,598. Driving arrangement for motor locomotive engines and the like. Lindhardt Heibald Sigurd (inventor). Issued 12-21-26.
1,614,253. Drying apparatus. Nielsen Niels Christian (inventor). Issued 1-11-27.
1,614,404. Device for producing counter pressure in pressing tools. Skov Henry (inventor); Dansk Pressefabrik A. S. (grantee) Issued 1-11-27.
1,614,990. Radiosignaling antenna system. Pedersen Peder Oluf (inventor). Issued 1-18-27.
1,614,991. File for receiving loose sheets, magazines, and the like. Riis Oscar Johan Christian (inventor). Issued 1-18-27.
1,615,553. Indicating speedometer for automobiles and the like. Petersen Thor Ejnar, et al., Rasmussen Jorgen, Rasmussen Eigil (inventors). Issued 1-25-27.
1,615,884. Device for counting electrical impulses. Richter Morton Balthazar (inventor). Issued 2-1-27.
1,617,255. Fungicide. Jacobsen, I. B. Henry Holm (inventor). Issued 2-8-27.
1,618,571. Smiling doll. Christensen Peder Jensen (inventor). Issued 2-22-27.
1,623,414. Automatic weighing scale. Jensen Thomas Christian (inventor); Scandinavian Export Agency, Ltd. (grantee). Issued 4-5-27.
1,625,763. Light projector. Berthelsen Carl Frederik (inventor). Issued 4-19-27.
1,625,919. Centrifugal separator. Thomsen Thomas Christian (inventor); Koefoed Hauberg Marstrand & Helweg, A. S. Titan (grantees). Issued 4-26-27.
1,628,338. Machine for manufacturing bottle caps. Skov Henry Arnold (inventor); Dansk Pressefabrik A. S. (grantee). Issued 5-10-27.
1,630,466. Bottle closure. Borgesen John Gustav (inventor). Issued 5-31-27.
1,632,981. Steam turbine gland with more than one pipe connection. Lundegaard Anders Marius Pedersen (inventor). Issued 6-21-27.
1,633,099. Machine adapted to catch and destroy bugs and similar noxious vermin on plants and bushes. Heilmann Carl (inventor). Issued 6-21-27.
1,635,210. Steering gear brake. Frikke Nis Christian (inventor). Issued 7-12-27.
1,636,317. Apparatus for atomizing liquids. Nyrop Aage (inventor). Issued 7-19-27.
1,640,255. Stocking and sock. Schnieber Anna Margrette Soffen (inventor). Issued 8-23-27.
1,640,659. Process of manufacturing floor slabs and the like of cork and similar materials. Jensen Josef Emanuel (inventor). Issued 8-30-27.
1,640,775. Production of complex aurothio sulphate compounds. Keiding Einar et al., Keiding Johannes (inventors). Issued 8-30-27.
1,640,801 Apparatus for measuring heat quantities. Petersen Viggo Stephan Kellner (inventor). Issued 8-30-27.
1,641,316. Milking cup. Bruun Otto (inventor). Issued 9-6-27.
1,645,228. Doll with movable limbs. Christiansen Bertha Kristine (inventor). Issued 10-11-27.
1,645,505. Machine for casting chocolate. Jensen Jens Johannes (inventor); Boggild and Jacobsen (grantee). Issued 10-11-27.
1,648,421. Back pedaling brake. Olsen Frederik Johannes (inventor). Issued 11-8-27.
1,649,357. Ironing machine. Mathiasen Georg Emil (inventor). Issued 11-15-27.
1,650,092. Device for conversion of light variations into electrical currents. Poulsen Arnold et al., Petersen Axel Carl Georg (inventors). Issued 11-22-27.
1,651,049. Boiler for heating systems or similar purposes. Treschow Michael (inventor). Issued 11-29-27.
1,654,725. Photographic camera. Eriksen Aage Ingemann (inventor). Issued 1-3-28.
1,655,132. Alarm device for acoustic indication of air deficiency in pneumatic tires, especially for automobiles. Christophersen Hagbart Sylvester (inventor). Issued 1-3-28.
1,656,182. Buffing machine. Enna Ernst Frederik Henry (inventor). Issued 1-17-28.
1,656,525. Regulating device for central heating installations. Lewinsky Erik Julius et al., Lewinsky Anders Vilhelm Viggo (inventors). Issued 1-17-28.
1,658,711. Apparatus for the attainment of regular burning of liquid fuel. Erichsen Villiam Henry et al., Falkentorp Georg Ernst (inventors). Issued 2-7-28.
1,661,912. Machine for manufacturing bottle caps, so-called crown caps. Skov Henry Arnold (inventor), A. S. Dansk Pressefabrik (grantee). Issued 3-6-28.
1,662,749. Homogenizing valve. Jorgensen Christian (inventor). Issued 3-13-28.
1,664,031. Electric jet wave commutator and interrupter. Hartmann Julius Frederik Georg Poul (inventor). Issued 3-27-28.
1,664,815. Process for the manufacture of burnt building materials or the like of clay. Gronroos Hugo (inventor). Issued 4-3-28.
1,665,960. Boll weevil destroyer. Heilmann Carl Arent (inventor). Issued 4-10-28.
1,667,797. Apparatus for facilitating the salving of sunken submarine vessels and the like. Nielsen Rasmus Peter (inventor). Issued 5-1-28.
1,671,684. Apparatus for removing deposits and the like from surfaces. Schmidt Johan Christian (inventor). Issued 5-29-28.
1,672,338. Tarpaulin. Lilleso Petersen Jens Peter (inventor). Issued 6-5-28.
1,672,398. Shaft coupling. Treschow Michael. (inventor). Issued 6-5-28.

1,673,996. Violin bow. Rathsach Vitus (inventor). Issued 6-19-28.
1,675,515. Suspension device for maps and the like. Pedersen Christian (inventor). Issued 7-3-28.
1,676,868. Arrangement for closing boxes. Petersen Albert Carl (inventor). Issued 7-10-28.
1,677,599. Method and machine for the producing of tightly coiled paper. Schade Frederik (inventor). Issued 7-17-28.
1,677,697. Device for mixing amalgam for tooth fillings and stoppings. Wilming Valdemar (inventor); Koefoed Gunnar (grantee). Issued 7-17-28.
1,677,718. Devise for actuating the coupling and the brake in automobiles. Jessen Victor (inventor). Issued 7-17-28.
1,677,836. Apparatus for cleaning boiler tubes. Martinussen Johannes Peter (inventor). Issued 7-17-28.
1,678,733. Cable socket for accumulators. Kromann Einar (inventor). Issued 7-31-28.
1,682,303. Hydraulic change speed gearing. Mohl Steffen (inventor). Issued 8-28-28.
1,683,668. Vane for fishery. Hansen Carl et al, Leth Paul, (inventors); Hansen Carl (grantee). Issued 9-11-28.
1,683,756. Stuffing box for propeller shafts. Blache Hans Henrik (inventor). Issued 9-11-28.
1,684,594. Soil working implement. Olsen Hans (inventor). Issued 9-18-28.
1,685,649. Wrapper for coins and the like. Sonne Minna Berg (inventor). Issued 9-25-28.
1,687,867. Stuffing material. Lange Hans Ove (inventor). Issued 10-16-28.
1,687,948. Portable weeding device. Olsen Anton Johannes (inventor). Issued 10-16-28.
1,688,222. Horse drawn rake. Andersen Carl Christian (inventor). Issued 10-16-28.
1,691,521. Racing game valve. Jensen Thomas Christian (inventor). Issued 11-13-28.
1,692,086. Self-sharpening plowshare. Jakobsen Jens Peter Henrik (inventor). Issued 11-20-28.
1,692,289. Float valve. Damgaard Niels Peter (inventor). Issued 11-20-28.
1,692,830. Combined seine net and bottom dragnet with trapping wings. Hansen Carl et al, Leth Paul (inventors); Hansen Carl (grantee). Issued 11-27-28.
1,693,506. Two stroke internal combustion motor with scavenging and expulsion through ports in the cylinder. Hemmingsen Torkild Valdemar (inventor). Issued 11-27-28.
1,697,750. Grinding mill. Bjerre Siliam (inventor). Issued 1-1-29.
1,698,516. Combination with smoke tube boiler. Treschow Michael (inventor). Issued 1-8-29.
1,701,108. Machine for grinding razor blades. Harms Albert Ejnar et al, Jennow Otto Frederik (inventors); Bello Mfg Co Ltd (grantee). Issued 2-5-29.
1,702,342. Electric driving device for talking machines. Gleerup Moller Christian (inventor). Issued 2-19-29.
1,703,629. Pillow and cushion and casing for same. Lange Hans Ove (inventor). Issued 2-26-29.
1,703,669. Automobile fire engine. Hensen Ellehammer Jacob Christian (inventor). Issued 2-26-29.
1,707,537. Regenerative coke oven. Otto Carl (inventor). Issued 4-2-29.
1,708,061. Electric jet wave commutator and interrupter. Hartmann Julius Frederik Georg Poul (inventor). Issued 4-9-29
1,709,563. Colored picture and method of producing the same. Christensen Jens Herman (inventor). Issued 4-16-29.
1,710,675. Combined tent top and hand bag. Lilleso Petersen Jens Peter (inventor). Issued 4-23-29.
1,710,784. Atomizer. Nyrop Aaage (inventor). Issued 4-30-29.
1,712,221. Antioverheating fuse for spark plugs in internal combustion engines. Larsson Oscar (inventor); Hald Georg (grantee). Issued 5-7-29.
1,712,884. Bridge scoring device. Gyth Volmer Leopold Undset (inventor). Issued 5-14-29.
1,713,918. System for reproducing sounds from distorted sound records. Poulsen Arnold et al, Petersen Axel Carl Georg (inventors). Issued 5-21-29.
1,714,333. Restaurant signaling device. Voss Karl Friedrich (inventor). Issued 5-21-29.
1,714,374. Cock valve and the like. Jorgensen Edgar Holger Hans (inventor). Issued 5-21-29.
1,714,778. Shearing or clipping machine. Hansen Johannes (inventor). Issued 5-28-29.
1,714,951. Warp separating machine. Fleischer Svend Sigurd Christie (inventor). Issued 5-28-29.
1,718,886. Rotary manifolding machine. Zeuthen Otto Ludvig (inventor). Issued 6-25-29.
1,724,291. Method of pasteurizing liquids. Lassen Frederick (inventor); A. S. De Forenede Bryggerier (grantee). Issued 8-13-29.
1,724,295. Lasting machine for shoe wear. Levin Axel Louis Dec et al, Thomsen K P excr, Ronneberg Erling excr (inventors); A. S. Maskinkompagniet (grantee). Issued 8-13-29.
1,724,352. Furnace for the destruction of garbage. Iiving Carl Christian (inventor). Issued 8-13-29.
1,724,997. Cork cutting machine. Engestoft Jorgen (inventor). Issued 8-20-29.
1,727,651. Sound amplifier Knudsen Alfred (inventor). Issued 9-10-29.
1,728,757. Three legged support for machine guns. Haubroe Werner Christian Lassen (inventor). Issued 9-17-29.
1,731,155. Track. Wildt Steffen (inventor). Issued 10-8-29.
1,731,457. Apparatus for treating wet raw materials in the manufacture of cement. Fasting John S (inventor). Issued 10-15-29.
1,735,845. Automatic switch. Blem Emil Christian (inventor). Issued 11-19-29.
1,736,350. Closing device for containers made of aluminum or other soft metals. Larsen Svend Hoeg (inventor); A. S. De Forenede Bryggerier (grantee). Issued 11-19-29.
1,736,534. Tire deflation switch. Jensen Borge Christian et al, Skovgaard, Petersen Jens Peter (inventors). Issued 11-19-29.
1,737,577. Apparatus for cutting channels in parts of footwear. Enna Ernst Frederik Henry (inventor). Issued 12-3-29.
1,739,465. Machine for automatic cutting of recesses or the like in straight or curved direction on surfaces. Jorgensen Axel (inventor); Jorgensen A & Co (grantee). Issued 12-10-29.
1,739,906. Motion controlling device. Klenow Erik Wilhelm Robert (inventor). Issued 12-17-29.
1,740,580. Method and apparatus for uniting crude rubber and leather or other material. Enna Ernst F. H. (inventor). Issued 12-24-29.
1,740,823. Gear shifting apparatus. Lildal Jakob Jakobsen (inventor). Issued 12-24-29.
1,745,384. Vibrating pick for cleaning & treatment of the surfaces of objects. Schmidt Johan Christian (inventor). Issued 2-4-30.
1,745,840. Quern. B. Jerre Siliam (inventor). Issued 2-4-30.
1,747,261. Sound reproduction. Poulsen Arnold et al, Petersen Axel Carl Georg (inventors). Issued 2-18-30.
1,747,300. Machine for treating crystallized margarine mass and the like. Hildebrandt Sorensen Carl (inventor). Issued 2-18-30.
1,748,142. Coke oven. Otto Carl (inventor). Issued 2-25-30.
1,748,452. Process for manufacturing belt pulleys. Martins Jene Christian (inventor). Issued 2-25-30.
1,749,587. Dumping car body or car top. Jungersen Thoger Gronborg (inventor). Issued 3-4-30.
1,751,459. Process for biological purification of waste water. Simmer Fritz (inventor); A S Dansk Gaerings Industri (grantee). Issued 3-18-30.
1,752,194. Process of preparing an oxychloride cement. Ohlsen Jorgen Ulrik Ahlmann (inventer). Issued 3-25-30.
1,753,108. Carburetor. Bondesen Aage Niels (inventor). Issued 4-1-30.
1,755,777. Lancet. Frederiksen Claus (inventor). Issued 4-22-30.
1,756,339. Adjustable handlebar for bicycles, motor bicycles and the like vehicles. Broberg Charles Emanuel (inventor). Issued 4-29-30.
1,757,527. Reflector for incandescent lamps. Henningsen Poul (inventor); Poulsen Louis & Co. (grantee). Issued 5-6-30.
1,757,852. Color screen. Alstrup Carl et al., Jensen Viggo (inventors). (Issued 5-6-30.
1,757,974. Cultivator steering attachment. Nielsen Christian Albert (inventor). Issued 5-13-30.
1,758,284. Filter for liquids. Grønning Alfred (inventor). Issued 5-13-30.
1,760,237. Pump. Iversen Poul Arne Scott (Inventor). Issued 5-27-30.
1,760,755. Coffee mill. Hertz Jorgen (inventor). Issued 5-27-30.
1,762,026. Method for atomizing and drying liquids. Nyrop Aage (inventor). Issued 6-3-30.
1,763,497. Woodworking machine. Aubertin Vilhelm Thure (inventor). Issued 6-10-30.
1,763,639. Tire deflation signal. Christophersen Hagbart Sylvester (inventor). Issued 6-17-30.
1,770,470. Filling machine. Hartmann Carl Wilhelm (inventor). Issued 7-15-30.
1,770,656. Mechanical hammer. Nielsen Herman (inventor). Issued 7-15-30.
1,771,369. Crusher head for homogenizing apparatus. Andersen Anders Peter (inventor). Issued 7-22-30.
1,771,541. Sorting screen. Larsen Carl Christian (inventor). Issued 7-29-30.
1,772,707. Device for pressing articles. Christiansen Paul Christen (inventor). Issued 8-12-30.
1,772,966. Piston. Solver Einar (inventor). Issued 8-12-30.
1,773,646. Magnetic device for handling metal bottle caps. Skov Henry Arnold (inventor); A S Dansk Presse Fabrik (grantee). Issued 8-19-30.
1,774,406. Process for the manufacture of spirit & yeast particularly by working up molasses. Simmer Fritz (inventor); A S Dansk Gaerings Industri (grantee). Issued 8-26-30.
1,774,888. Device for converting a reciprocating or oscillating motion into a rotary motion. Iversen Poul Arne Scott (inventor); Von Kauffman Axel Max Alexis (grantee). Issued 9-2-30.
1,775,027. Carton. Hartmann Carl Wilhelm (inventor). Issued 9-2-30.
1,777,208. Pasteurizer. Lassen Frederik (inventor); Aktb De Forenede Bryggerier (grantee). Issued 9-30-30.
1,777,247. Porous organic material and process of producing the same. Bayer Erik Christian (inventor). Issued 9-30-30.
1,777,265. Self centering cutter head for precision boring machines. Jacobsen Helge (inventor); Thomsen William (grantee). Issued 9-30-30.
1,778,334. Engine driven rotary cultivator. Pedersen Dines Christian (inventor). Issued 10-14-30.
1,780,655. Sludge separator. Nyrop Aage (inventor). Issued 11-4-30.

1,781,974. Gramophone megaphone or the like. Borgqvist Alfred Hersleb (inventor). Issued 11,18-30.
1,783,138. Transforming of acoustic swingings into electric capacity swingings. Petersen Aage Valdemar (inventor). Issued 11-25-30.
1,785,422. Highway signal. Nielsenklodskov Niels Jorgen (inventor). Issued 12-16-30.
1,789,017. Water tight electric switch. Munthesen Niels (inventor). Issued 1-13-31.
1,789,398. Machine for working wood. Aubertin Wilhelm Thure (inventor). Issued 1-20-31.
1,789,407. Duplex vibrating table. Jensen Jens Johannes (inventor); Boggild Messrs & Jacobsen (grantee). Issued 1-20-31.
1,789,794. Ball of thread with protecting winding for sheaf binders. Weidemann Ludwig Petersen (inventor). Issued 1-20-31.
1,789,976. Shade holder for electric lamps. Henningsen Poul (inventor); Poulsen Louis & Co. (grantee). Issued 1-27-31.
1,790,743. Dolls head with variable features. Christensen Peder Jensen (inventor). Issued 2-3-31.
1,794,141. Cartridge with projectile for smooth bore firearms. Bloch Jorgensen Christian Laurits (inventor). Issued 2-24-31.
1,794,272. Manufacture of porous building materials. Bayer Erik Christian (inventor). Issued 2-24-31.
1,795,571. Cargo hatchway. Nielsen Martin Andreas (inventor). Issued 3-10-31.
1,797,339. Canule for cow teats. Gudmand Hoyer Johannes (inventor). Issued 3-24-31.
1,797,887. Slicing machine. Van Berkel Johannes C (inventor). Issued 3-24-31.
1,798,085. Releasing mechanism for automatic vending machines. Hansen Hans Christian (inventor); Soren Wistoft & Co S Fabrikker Akts (grantee). Issued 3-24-31.
1,798,326. Machine for casting articles from plastic or liquid masses. Jensen Jens Johannes (inventor); Boggild & Jacobsen (grantees). Issued 3-31-31.
1,802,065. Device for starting heavy rotary bodies adapted to secure uniform movement of films. Poulsen Arnold et al, Petersen Axle Carl Georg (inventors). Issued 4-21-31.
1,802,423. Filter for fine filtering of fluids especially fuel oils. Hemmingsen Torkild Valdemar (inventor). Issued 4-28-31.
1,804,098. Releasing mechanism for automatic vending machines. Hansen Hans Christian (inventor); Wistoft Soren and Cos. Fabriker Akts (grantees). Issued 5-5-31.
1,806,017. Mold for plastic substances, for instance, chocolate. Jensen Jens Johannes (inventor); Boggild & Jacobsen Messrs (grantee). Issued 5-19-31.
1,806,324. Savings box clock. Wingaard Aage Georg Peter (inventor). Issued 5-19-31.
1,810,654. Support especially for heavy machine guns or the like. Haubroe Werner Christian Lassen (inventor). Issued 6-16-31.
1,811,333. Art of illumination. Rasmussen Holger Marius (inventor). Issued 6-23-31.
1,812,242. Machine for the manufacture of hollow articles. Jensen Jens Johannes (inventor); Boggilo & Jacobsen Messrs (grantee). Issued 6-30-31.
1,821,272. Fuel valve with annular seat. Petersen Ove (inventor). Issued 9-1-31.
1,824,353. Screen for showing projected images in lighted rooms and for short exposure photography. Jensen Rasmus Olaf Jonas (inventor). Issued 9-22-31.
1,826,615. Key for different locks. Hansen Eli et al, Poderzaj Ivan (inventors). Issued 10-6-31.
1,827,328. Vertical chamber oven. Otto Carl (inventor). Issued 10-13-31.
1,828,637. Radiator construction. Bakkekilde Robert Schonfeldt (inventor). Issued 10-20-31.
1,828,650. Regulating device for engines. Duer Victor et al, Hassing Oluf Sinius (inventors); Duer Victor (grantee). Issued 10-20-31.
1,830,818. Sheet laying on machine. Weber Carl Christian Julius (inventor). Issued 11-10-31.
1,831,012. Automobile of the crawler type. Kornbeck Ernst Ronne (inventor). Issued 11-10-31.
1,831,217. Releasing mechanism for automatic vending machines. Wistoft Soren (inventor). Issued 11-10-31.
1,832,463. Exchangeable heel for boots and shoes. Jorgensen Martin Johannes (inventor). Issued 11-17-31.
1,833,061. Process for treating fatty raw materials. Van Deurs Jan Arent Schonheyder (inventor). Issued 11-24-31.
1,836,736. Upright boiler with magazine above the zone of combustion. Treschow Michael (inventor). Issued 12-15-31.
1,837,171. Reversing gear for internal combustion engines. Petersen Ove (inventor). Issued 12-15-31.
1,838,323. Bottle closure. Nielsen Vilhelm Christian Heinrich (inventor). Issued 12-29-31.
1,838,573. Electromagnetic relay. Rosenkilde Ejvind et al, Rosenkilde Hakon (inventors). Issued 12-29-31.
1,838,863. Device for cleansing the air. Egenfeldt Olsen Poul Einar (inventor). Issued 12-29-31.
1,846,087. Apparatus for casting molten metal under pressure. Christensen Reinhardt, Harald, Valdemar (inventors). Issued 2-23-32.
1,847,027. Change speed gear. Thomsen Thomas Peter et al, Thomsen Anton Valdemar (inventors). Issued 2-23-32.
1,847,543. Machine for handling of superphosphate or the like. Warming Kai (inventor). Issued 3-1-32.
1,851,704. Apparatus for closing and interrupting an electric circuit. Hartmann Julius Frederik Georg Poul (inventor). 3-29-32.
1,852,668. Mechanical hammer. Neilsen Herman (inventor). Issued 4-5-32.
1,855,673. Compressor plant. Hansen Paul (inventor). Issued 4-26-32.
1,857,569. Device for recording of sound. Poulsen Arnold et al, Petersen Axel Carl Georg (inventors). Issued 5-10-32.
1,858,229. Regenerative coke oven. Otto Carl (inventor). Issued 5-10-32.
1,858,718. Medical thermometer. Philipsen Michael (inventor). Issued 5-17-32.
1,865,492. Bristle removing machine for hog carcasses. Wernberg Niels Erik (inventor). Issued 7-5-32.
1,867,220. Means for producing lined cartons. Hartmann Carl Wilhelm (inventor). Issued 7-12-32.
1,867,844. Dumping body for automobile trucks. Jungersen Thoger Gronborg (inventor). Issued 7-19-32.
1,868,938. Machine for attaching labels to bottles, glasses, and the like. Christensen Christian Albert (inventor). Issued 7-26-32.
1,870,340. Apparatus for accommodating objects to be delivered or handed out. Lottrup Jorgen Seidelin (inventor). Issued 8-9-32.
1,878,627. Sack inverting machine. Folker Johannes Kristian et al, Truelsen Frederik Ferdinand (inventors). Issued 9-20-32.
1,884,272. Method of controlling yeast propagation. Sak Soren (inventor). Issued 10-25-32.
1,885,161. Machine for cleaning carcasses of hogs. Wernberg Niels Erik (inventor). Issued 11-1-32.
1,886,104. Savings box calendar. Jepsen Hans Jorgen et al, Nielsen Kai Christian (inventors). Issued 11-1-32.
1,887,574. Nondazzling headlight for automobiles and the like. Berg Ditlev (inventor). Issued 11-15-32.
1,889,406. Automatic vending machine. Goldschmidt Sven Harald (inventor). Issued 11-29-32.
1,891,160. Sliding form for casting columnar or box shaped concrete structures such as chimneys, silos and the like. Jespersen Carsten Friis (inventor); Jespersen Svend Friis (grantee). Issued 12-13-32.
1,891,841. Yeast propagation controlling method. Sak Soren (inventor). Issued 12-20-32.
1,893,169. Carton filling apparatus. Hartmann Carl Wilhelm (inventor). Issued 1-3-23.
1,896,089. Vacuum propeller plane. Krogh Otto Christensen (inventor). Issued 2-7-33.
1,903,626. Remedy for combating plant diseases and for the protection of plants against attacks from fungi and insects. Johnsen Finn (inventor). Isssued 4-11-33.
1,903,717. Heat consumption meter. Lange Aage Langkilde (inventor). Issued 4-11-33.
1,904,600. Process for exposure and copying of photographs and cinematographic records in natural colors. Andersen Poul Smith Rastrup (inventor). Issued 4-18-33.
1,905,450. Grab. Dyggve Ejgil Valdemar Petersen (inventor); Koefoed Hauberg Marstrand & Helweg, A S Titan (grantees). Issued 4-25-33.
1,905,656. Rotary toothbrush. Smith Carl C V (inventor); Smith Alfa Klara (grantee). Issued 4-25-33.
1,907,067. Carton. Hartmann Carl Wilhelm (inventor). Issued 5-2-33.
1,908,764. Connecter for connecting movable electric lines. Kruger Paul Emil Franz (inventor). Issued 5-16-33.
1,913,071. Apparatus for pouring melted metal under pressure. Christensen Reinhardt Harald, et al., Valdemar, Dahl Richard Smith (inventors). Issued 6-6-33.
1,915,853. Grinding machine for crank shafts. Eriksen Hans Jorgen (inventor). Issued 6-27-33.
1,915,894. Base exchanging filter material. Kruger Svend Aage (inventor). Issued 6-27-33.
1,917,717. Reenforcement for round reaction towers for the manufacture of sulphuric acid. Jensen Carl Ludvig Emil, et al., Utkov Aldo, Warming Kai (inventors). Issued 7-11-33.
1,918,130. Thermometer. Philipsen Michael. (inventor). Issued 7-11-33.
1,918,208. Method of making films for natural color reception. Larsen Werner Robert Busch (inventor). Issued 7-11-33.
1,919,633. Apparatus for commutating or periodically interrupting electric currents. Hartmann Julius Frederik Georg Poul (inventor). Issued 7-25-33.
1,921,673. Scoring device for contract bridge. Heering Harald (inventor). Issued 8-8-33.
1,923,215. Method of joining leather, etc. Krogh Otto Peder (inventor). Issued 8-22-33.
1,924,110. Method of producing and reproducing films for the reproduction of picture films in combination with sound mms, talking films. Dessau Einar (inventor). Issued 8-29-33.
1,925,934. Electromagnetic air or liquid pump. Rimstad Ib Adam, et al., Teilmann Jorgen (inventors). Issued 9-5-33.
1,927,368. Four stroke internal combustion engine. Kjaer Viggo Axel (inventor). Issued 9-19-33.
1,927,376. Process and apparatus for the mechanical production of froth. Schroder Einer, et al., Van Deurs Jan Arent, Schoenheyder (inventors). Issued 9-19-33.

1,928,173. Cooling drum for cooling of liquid and molten substances. Gerstenberg Aage (inventor). Issued 9-26-33.
1,930,933. Electric commutator or the like having brushes consisting of conductive liquid jets. Hartmann Julius Frederik Georg Poul (inventor) Issued 10-17-33.
1,931,829. System for reproduction of sound by means of light sensitive cells. Poulsen Arnold, et al., Petersen Axel Carl Georg (inventors). Issued 10-24-33.
1,935,743. Apparatus for automatic multiplication of a time interval by a factor. Hansen Jens Peter (inventor). Issued 11-21-33.
1,936,812. Hand tool such as wrenches and the like. Ewelling Johannes Sorensen (inventor); Christensen Holger Olivarius (grantee). Issued 11-28-33.
1,940,230. Step wise advancing counter. Richter Morten Balthazar (inventor). Issued 12-19-33.
1,940,416. Rear sight for machine guns. Haubroe Werner Christian Lassen (inventor). Issued 12-19-33.
1,943,796. Opening and closing means for carton boxes. Hartmann Carl Wilhelm (inventor). Issued 1-16-34.
1,949,140. Cryptographic apparatus. Beyer Peter Georg Grove (inventor). Issued 2-27-34.
1,951,530. Change over key or switch for telephone exchanges and the like. Richter Morten Balthazar (inventor). Issued 3-20-34.
1,951,936. Bottle closing and like machine. Jorgensen Axel Marius (inventor). Issued 3-20-34.
1,953,711. Oil burner. Heineke Heinrich Bernhard, et al., Nielsen Alfred (inventors). Issued 4-3-34.
1,954,327. Racket. Panker Bent (inventor). Issued 4-10-34.
1,959,049. Friction brake. Buus Niels Peter Valdemar (inventor). Issued 5-15-34.
1,959,778. Display stand for merchandise. Christensen Charles (inventor). Issued 5-22-34.
1,961,874. Coil coupler for radio receiving apparatus. Frederiksen Frederik Marius (inventor). Issued 6-5-34.
1,962,590. Sight device for machine guns. Haubroe Werner Christian Lassen (inventor). Issued 6-12-34.
1,962,591. Trigger operating mechanism for aircraft guns. Haubroe Werner Christian Lassen (inventor). Issued 6-12-34.
1,964,796. Fuel supply in Diesel motors and the like. Hansen Ellehammer Jacob Christian (inventor). Issued 7-3-34.
1,966,713. Process for the manufacture of metal containers. Flint Charles Frederik Vilhelm (inventor). Issued 7-17-34.
1,970,082. Producing of foam by mechanical means. Hansen Ellehammer Jacob Christian (inventor). Issued 8-14-34.
1,971,938. Motor-driven cultivator. Pedersen Dines Christian (inventor). Issued 8-28-34.
1,974,010. Base exchange material and process for the production thereof. Sudde Carl Christian Leopold Gether (inventor). Issued 9-18-34.
1,974,459. Unit support for field guns and antiaircraft guns and the like. Haubroe Werner Christian Lassen (inventor). Issued 9-25-34.
1,976,240. Vehicle lamp. Madsen Niels Christian (inventor). Issued 10-9-34.
1,977,555. Perpetual calendar. Hansen Valdemar (inventor). Issued 10-16-34.
1,979,844. Amusement device. Rouenville Herbert (inventor). Issued 11-6-34.
1,981,697. Automatic measuring and weighing device. Hartmann Carl Wilhelm (inventor). Issued 11-20-34.
1,982,514. Safety device for compressed air or other fluid pressure pipe systems. Hansen Paul (inventor). Issued 11-27-34.
1,984,219. Process and apparatus for reducing the hardness of water. Krogh Lund Aage Thorkil (inventor); Kruger I. A. S. (grantee). Issued 12-11-34.
1,991,818. Conveyer hook for overhead pipe tracks and the like. Nissen Johannes Sigfred Konig (inventor). Issued 2-19-35.
1,993,055. Coating apparatus. Gerstenberg Aage (inventor). Issued 3-5-35.
1,995,215. Foam-producing apparatus. Mehlsen Jens Karl, et al., Nielsen Adser Christian (inventors) Issued 3-19-35.
1,996,344. Two axle bogies for automobiles. Mohl Steffen (inventor). Issued 4-2-35.
1,996,923. Merry go round. Jacobsen Viggo Westphal (inventor). Issued 4-9-35.
1,997,976. Film having a photographic sound record for preparing same. Petersen Axel Carl Georg (inventor); Poulsen Arnold (grantee). Issued 4-16-35.
1,998,492. Air-sealed joint for rotary incinerator drums. Christensen Aage (inventor). Issued 4-23-35.
2,001,849. Regenerative pasteurization apparatus. Olsen Johannes (inventor); Buaas Mejerimaskinfabrikker, Afdeling af A. S. Frederiksberg Metalvarefabrik (grantee). Issued 5-21-35.
2,006,719. Constant speed film feeding mechanism. Poulsen Arnold (inventor); Petersen Axel Carl Georg (grantee). Issued 7-2-35.
2,012,434. Cultivator attachment for tractors. Pedersen Dines Christian (inventor). Issued 8-27-35.
2,015,842. Furnace with grate for combustion of refuse of any kind. Christensen Aage (inventor). Issued 10-1-35.
2,017,054. Machine for making plaited metal foil capsules. Bruun Otto Johannes (inventor). Issued 10-15-35.
2,018,446. Sheet piling. Jensen Johannes (inventor). Issued 10-22-35.
2,022,323. Razor blade for safety razors. Rasmussen Edmund Wihlborg (inventor). Issued 11-26-35.
2,025,123. Electroadhesion apparatus. Rahbek Knud (inventor). Issued 12-24-35.
2,031,553. Tank for storage of liquids especially hydrocarbons. Syndergaard Askan Willy (inventor). Issued 2-18-36.
2,032,750. Manufacture of printing blocks. Hassing Oluf Sinius (inventor). Issued 3-3-36.
2,034,617. Apparatus for filling cartons and other packages. Hartmann Carl Wilhelm (inventor). Issued 3-17-36.
2,039,157. Warp tying machine. Fleischer Svend Sigurd Christie (inventor). Issued 4-28-36.
2,039,162. Kneading machine for margarine and the like. Gerstenberg Aage (inventor). Issued 4-28-36.
2,039,787. Coupling for hoses, pipes, and the like. Fogelstrom Niels Otto (inventor). Issued 5-5-36.
2,040,227. Apparatus for drying and heat treating material. Wernersson Frederik (inventor). Issued 5-12-36.
2,042,381. Hand spooling apparatus. Beyer Peter Georg Grove (inventor). Issued 5-26-36.
2,046,167. Savings calendar. Jepsen Hans Jorgen et al., Nielsen Kai Christian (inventors). Issued 6-30-36.
2,046,232. Atomizer. Andersen Martin Georg (inventor). Issued 6-30-36.
2,046,470. Safety razor. Larsen Carl Christian (inventor). Issued 7-7-36.
2,048,280. Underframe for carriages. Mohl Steffen (inventor). Issued 7-21-36.
2,048,598. Pressing tool for the impression of metals or the like material. Christiansen Paul Christen (inventor). Issued 7-21-36.
2,049,661. Two wheeled motor driven roto tiller. Pedersen Dines Christian (inventor). Issued 8-4-36.
2,050,654. Apparatus for kneading of margarin and other edible fatty substances. Gerstenberg Aage (inventor). Issued 8-11-36.
2,051,708. Electric commutator and interrupter according to the spark neglecting principle. Hartmann Julius Frederik George Poul (inventor). Issued 8-18-36.
2,055,605. Machine for the manufacture of filled chocolates. Jensen Jens Johannes (inventor); Boggild & Jacobsen (grantee). Issued 9-29-36.
2,057,952. Thermionic valve device. Jensen Carl Agne Schleimann (inventor); Skandinavisk Radiororfabrik A. S. (grantee). Issued 10-20-36.
2,059,663. Folding collar. Sorensen Thora Birgitte Ingeborg (inventor). Issued 11-3-36.
2,062,852. Holder for toilet articles. Winther Holger (inventor); Puro Dent Co., The, a partnership between Nicolai Frederik, Severin, La Cour Siegumfeldt and Erik Schousboe Poulsen (grantees). Issued 12-1-36.
2,062,968. Gear box especially for automobiles. Christensen Heinrich (inventor). Issued 12-1-36.
2,065,277. Lifting jack. Jensen Niels Gade (inventor). Issued 12-22-36.
2,069,469. Process for the production of metals and alloys with very small contents of carbon. Andersen Gustav (inventor). Issued 2-2-37.
2,069,703. Filter for vacuum cleaners and the like. Fisker Peder Andersen (inventor); A. S. Fisker & Nielsen (grantee). Issued 2-2-37.
2,071,641. Centrifugal governor for internal combustion engines. Lunn Gustav (inventor); A. S. Fichs (grantee). Issued 2-23-37.
2,076,082. Therapeutic product and process. Hagedorn Hans Christian et al. (inventors); Jensen Birger Norman (inventor); Wodstrup Nielsen Ingrid (inventor); Nordisk Insulinlaboratorium (grantee). Issued 4-6-37.
2,080,356. Electric relay. Hasley Andreas Marius (inventor). Issued 5-11-37.
2,081,376. Electrode adapted to be in contact with mercury. Hartmann Julius Frederik Georg Poul (inventor). Issued 5-25-37.
2,085,625. Furnace for ore reduction. Andersen Gustav (inventor). Issued 6-29-37.
2,085,663. Screw pencil. Jorgensen Karl Valdemar (inventor). Issued 6-29-37.
2,086,429. Regenerator of wheatstone telegraph signals. Nielsen Thorvald Christian Valdemar (inventor). Issued 7-6-37.
2,086,721. Wheel suspension for vehicles or the like. Martins Borge (inventor). Issued 7-13-37.
2,087,630. Centrifugal separator for separating liquids, emulsions and dispersions. Schelbeck Frederik Casper Gunther (inventor) Issued 7-20-37.
2,087,914. Combination lock. Ketner Louis Paul Georg (inventor). Issued 7-27-37.
2,088,285. Apparatus for spreading sand or gravel on the ground from automobiles. Bogvad Erik Axel (inventor); Ohrt Holger (grantee). Issued 7-27-37.
2,088,635. Hydraulic capsuling machine. Bruun Otto Johannes (inventor). Issued 8-3-37.
2,094,244. Sound reproducing film and a device for recording sounds photographically. Poulsen Arnold et al., Petersen Axel Carl Georg (inventors). Issued 9-28-37.
2,096,998. Apparatus for introducing melts into casting molds. Ronn Jens Aaberg (inventor); Hellesen W. and Co. (grantee). Issued 10-26-37.
2,098,555. Tearable closure. Skov Henry Arnold (inventor). Issued 11-9-37.
2,099,885. Bathing suit. Hansen Arnold Mogens (inventor). 11-23-37.
2,100,078. Multipleshade holder. Henningsen Poul (inventor); Poulsen Louis & Co. (grantee). Issued 11-23-37.

2,102,480. Road covering. Nielsen Hans Peter Karl Theodor (inventor); De Jydske Skaervefabriker (grantee). Issued 12-14-37.
2,102,968. Process for the manufacture of concrete pipes. Overvad Marius (inventor). Issued 12-21-37.
2,104,573. Apparatus for stamping of tickets and the like. Reinholdtsen Hans (inventor). Issued 1-4-38.
2,107,628. Evaporation meter. Clorius Odin Thorvald (inventor). Issued 2-8-38.
2,110,264. Bullet. Gerlich Hermann E. G. T. decd (inventor). Gerlich Franka Admx. (grantee). Issued 3-8-38.
2,111,365. Confectionery mold structure. Jensen Jens Johannes (inventor); Boggild & Jacobsen (grantee). Issued 3-15-38.
2,113,479. Epicyclic transmission gear. Scott Iversen Poul Arne (inventor). Issued 4-5-38.
2,116,296. Apparatus for measuring or delivering liquids or gases. Zachariassen Arne, et al. (inventors); Petersen Marius Emil (inventor). Issued 5-3-38.
2,117,093. Blowing device for powders. Hansen Jens Peter (inventor). Issued 8-8-39.
2,118,804. Internal combustion engine. Andersen Gunnar E. (inventor). Issued 5-31-38.
2,121,322. Socket joint. Larsen Kai Knud (inventor). Issued 6-21-38.
2,121,411. Generator for sound oscillations for measuring distance according to the echo principle. Schroder Carl Johan Petersen (inventor). Issued 6-21-38.
2,122,939. Fermentation of wort by yeast. Hansen Borge Valdemar (inventor); A. S. Dansk Gaerings Industrie (grantee). Issued 7-5-38.
2,124,608. Photographic developer. Christensen Jens Herman (inventor). Issued 7-26-38.
2,125,511. Wheel suspension. Martins Borge (inventor). Issued 8-2-38.
2,125,512. Wheel suspension. Martins Borge (inventor). Issued 8-2-38.
2,125,560. Photographic camera for multi photography. Hansen Jens Peter (inventor). Issued 8-2-38.
2,125,644. Steering device for vehicles. Moller Holger (inventor). Issued 8-2-38.
2,126,865. Graveling device for spraying of gravel in front of the wheels of an automobile. Berner Adolf Erhardt Georg (inventor); Feldmann Elias (grantee). Issued 8-16-38.
2,127,609. Wheel suspension. Martins Borge (inventor). Issued 8-23-38.
2,129,584. Recovery of hormones. Kjems Holger Laurits Peter (inventor); Kongsted August Julius Helmuth (grantee). Issued 9-6-38.
2,130,263. Collar button with detachable head. Christophersen Hagbarth Sylvester (inventor). Issued 9-13-38.
2,131,438. Bottle capsule and process for manufacturing the same. Jensen Poul Viggo (inventor). Issued 9-27-38.
2,132,032. Partition wall. Jacobsen Aage Alex (inventor). Issued 10-4-38.
2,133,565. Capsule stopper for bottles, jars, glasses and the like. Pedersen Gunner Frederik Marinus (inventor); Dansk Crown Cork Fabrik Ved Aage (grantee); Weybye Lassen (grantee). Issued 10-18-38.
2,135,015. Selector for electric connecting systems. Richter Morten Balthazar (inventor). Issued 11-1-38.
2,136,018. Electrostatic mirror oscillograph. Beer Palle Finn (inventor); Electrical Fond Films Co. A. S. (grantee). Issued 11-8-38.
2,136,287. Apparatus for closing a bottle or a similar container with a capsule. Ebbedal Niels Jorgen Oluf Jensen (inventor). Issued 11-8-38.
2,138,493. Traction device. Jensen Viggo (inventor). Issued 11-29-38.
2,140,175. Rotary boiler and heat exchanging apparatus. Starziczny Josef (inventor). Issued 12-13-38.
2,141,371. Apparatus for clarifying liquors containing suspended and flocculent matter such as sugar juices and similar liquors. Bach Niels Breinholt (inventor). Issued 12-27-38.
2,143,329. Independent wheel suspension for vehicles of all kinds. Mohl Steffen (inventor). Issued 1-10-39.
2,143,601. Fountain pen. Iversen Johannes (inventor). Issued 1-10-39.
2,143,947. Process for preventing the infection of milk. Jensen Orla Vilhelm (inventor); Grand Jens (grantee). Issued 1-17-39.
2,146,228. Selector for electric wiring systems. Richter Morten Balthazar (inventor). Issued 2-7-39.
2,146,296. Process for preparing wrapping and building material. Heye Ole (inventor). Issued 2-7-39.
2,147,184. Process and machine for treatment of semiliquid or plastic substances especially chocolate. Aasted Kai Christian Sophus (inventor); Boggild & Jacobsen (grantee). Issued 2-14-39.
2,149,548. Safety fence for highways. Rasmussen Svend Aage (inventor). Issued 3-7-39.
2,151,932. Process for manufacturing porous articles of clay. Nielsen Aage (inventor). Issued 3-28-39.
2,153,044. Earcap for telephone receivers. Jarnak Niels Poul Robert (inventor). Issued 4-4-39.
2,153,196. Spring unit. Martins Borge (inventor). Issued 4-4-39.
2,153,607. Apparatus for clarifying liquors containing suspended and flocculent matter such as sugar juices and similar liquors. Bach Niels Breinholt (inventor). Issued 4-11-39.
2,155,994. Lock for bicycles. Nielsen Niels Christian (inventor). Issued 4-25-39.
2,156,578. Preheater for liquid fuel burners for heating or lighting apparatus. Andersen Anton (inventor). Issued 5-2-39.
2,156,968. Meter for heat consumption. Brun Oscar Constantin (inventor). Issued 5-2-39.
2,159,248. Apparatus for desiccating or drying liquids or moist substances. Brabak Jorgen (inventor). Issued 5-23-39.
2,160,734. Self winding recording device. Henriksen Ernst Johan Jens (inventor). Issued 5-30-39.
2,163,185. Whirligig. Belstrup Frederik Vilhelm (inventor). Issued 6-20-39.
2,163,467. Method and apparatus for determining the color of a liquid. Philipsen Michael (inventor). Issued 6-20-39.
2,164,966. Pleated material and method of making the same. Tutein Paul Decd. (inventor); Tutein Kamma, widow (grantee). Issued 7-4-39.
2,166,415. Weavers loom. Lervad Harald Andersen (inventor). Issued 7-18-39.
2,169,642. Machine for treating fats. Hammer Axel Victor (inventor). Issued 8-15-39.
2,169,784. Apparatus for producing artificial respiration. Andersen Anders Christian Niels (inventor). Issued 8-15-39.
2,170,303. Apparatus for grinding liquid or semisolid substances. Helstrup Lars Kristian Voldsgaard (inventor). Issued 8-22-39.
2,171,694. Cutting tool. Harje August Bengtsson (inventor). Issued 9-5-39.
2,175,524. Support for self winding recording devices. Henriksen Ernst Johan Jens (inventor). Issued 10-10-39.
2,177,569. Method and means for measuring voltages. Jorgensen Mathias Oluf et al. (inventors); Weibel Marius Peter (inventor). Issued 10-24-39.
2,182,596. Steering mechanism for automobiles and correspondingly steered vehicles. Olsen Ole Andersen (inventor). Issued 12-5-39.
2,183,219. Device for electric welding. Hollesen Henrik Frederik Moldrup (inventor). Issued 12-12-39.
2,188,451. Signaling system for vehicles. Bartens Carl Emil (inventor). Issued 1-30-40.
2,188,621. Station indicating device. Brunov Karl Johan (inventor). Issued 1-30-40.
2,191,058. Acoustical oscillator principally organ pipe. Jarnak Niels Poul Robert (inventor). Issued 2-20-40.
2,191,845. Depositing of sand under water. Bretting Aage Einer (inventor); Christiana & Nielsen (grantee). Issued 2-27-40.
2,197,084. Printing plate. Skov Henry Arnold (inventor). Issued 4-16-40.
2,197,830. Apparatus for applying center spots to crown cap cushions. Pedersen Gunner Frederik Marinus (inventor); Dansk Crown Cork Fabrik Ved Aage, Weybye Lassen (grantees). Issued 4-23-40.
2,198,737. Method of treating waste materials containing organic substances of animal or vegetable origin by mesophile or thermophile anaerobic conversion. Petersen Kai (inventor). Issued 4-30-40.
2,198,763. Hydraulic oscillation damper. Draminsky Per (inventor). Issued 4-30-40.
2,199,038. Cooling device for fats. Brix Hansen John (inventor). Issued 4-30-40.
2,200,677. Method for treating household and town refuse and the like waste materials. Petersen Kai (inventor). Issued 5-14-40.
2,200,836. Backing device for propeller driven vessels. Didriksen Niels Jorgen (inventor). Issued 5-14-40.
2,201,040. Production of fire extinguishing foam. Hansen Ellehammer Hans Frithjof (inventor). Issued 5-14-40.
2,210,985. Method for corrugating sheets. Magnani Alessandro (inventor); Smidth F L & Co. A. S. (grantee). Issued 8-13-40.
2,212,181. Acoustical apparatus. Oelsner Waldemar (inventor). Issued 8-20-40.
2,213,189. Central heating boiler. Gudmand Hoyer Julius Villiam et al, Hansen Einar Kamilo Demandt (inventors); Gudmand Hoyer Julius Villiam (grantee). Issued 9-3-40.
2,214,950. Planographic printing plate. Aller Claes Borge (inventor). Issued 9-17-40.
2,215,046. Compression refrigerating plant. Kramhoft Otto Andreas Frederiksen (inventor). Issued 9-17-40.
2,215,842. Clockwork operated circuit selector. Thomsen Alberg Brigsted (inventor). Issued 9-24-40.
2,216,500. Method of making heated horticultural beds with heat producing fertilizer. Petersen Kai (inventor). Issued 10-1-40.
2,217,548. Apparatus of amusement. Hemmingsen Carl Christian (inventor). Issued 10-8-40.
2,220,976. Shortening. Schou Herbert (inventor). Issued 11-12-40.
2,221,681. Volume control system. Schlegel Karl Hermann Franz (inventor); Electrical Fono Films Co. A. S (grantee) Issued 11-12-40.
2,226,051. Rosehead. Christiansen Aage (inventor). Issued 12-24-40.
2,228,117. Capsuling machine. Jensen Poul Viggo (inventor). Issued 1-7-41.
2,228,636. Method of making tubular bodies. Magnani Alessandro (inventor); Smidth F L & Co. A. S. (grantee). Issued 1-14-41.
2,230,166. Contrivance for conching chocolate mass. Skanes Henry (inventor). Issued 1-28-41.
2,230,794. Sound testing device. Danischewsky Herbert C (inventor). Issued 2-4-41.

2,232,481. Machine for spreading of artificial fertilizers. Schroder Svend Christian Emil (inventor); Diderik Overgaard Villemoes, A S.; Gyro Skive Jernstoberi and Maskinfabrik (grantees). Issued 2-18-41.
2,239,177. Concrete story partition construction. Brandt Jorgen (inventor); Formeta Beton A. S. (grantee). Issued 4-22-41.
2,239,563. Process for the production of flour from grain. Klint Tage Jensen (inventor). Issued 4-22-41.
2,241,734. Method of making fertilizers. Petersen Kai (inventor). Issued 5-13-41.
2,242,384. Process for making a sulphur preparation for use in protecting plants against attacks of living organisms. Begtrup Frederik L (inventor). Issued 5-20-41.
2,243,378. Carton container. Hartmann Carl Wilhelm (inventor). Issued 5-27-41.
2,245,746. Cowcatcher for automobiles. Bang Soren Hansen (inventor). Issued 6-17-41.
2,246,123. Tube. Bruun Otto Johannes (inventor). Issued 6-17-41.
2,246,941. Refrigeration apparatus and method. Hoyer Oluf (inventor). Issued 6-24-41.
2,247,993. Surface working apparatus. Fisker Peder Andersen (inventor); Fisker & Nielsen A. S. (grantee). Issued 7-1-41.
2,252,520. Method and apparatus for treating garbage and the like waste materials. Petersen Kai (inventor). Issued 8-12-41.
2,253,136. Electric connecting panel. Richter Morten Balthazar et al, Schytte Willy Romeorenu (inventors); Telefon Fabrik Automatic A. S. (grantee). Issued 8-19-41.
2,263,895. Resilient floor. Larsen Bjorn Valeur (inventor). Issued 11-25-41.
2,264,659. Ventilator for draftless introduction of air. Christiansen Andreas Emanuel (inventor). Issued 12-2-41.
2,267,672. Composite picture. Volmart Henry Emanuel (inventor). Issued 12-23-41.
2,269,273. Apparatus for predrying of waste fuel in furnaces. Krogh Kristian Poulsen et al, Biering Christian Henrik (inventors). Issued 1-6-42.
2,270,369. Liquid fuel atomizing carburetor. Danielsen Ejnar (inventor). Issued 1-20-42.
2,275,535. Calendering machine. Magnani Alessandro (inventor); Smidth F L & Co A. S. (grantee). Issued 3-10-42.
2,275,969. Sterol like preparation. Kongsted August Julius Helmuth (inventor). Issued 3-10-42.
2,279,491. Governor for power engines. Petersen Ove (inventor). Issued 4-14-42.
2,290,698. Electric power cable. Mollerhoj Johannes Sorensen (inventor). Issued 7-21-42.
2,291,632. Cheese and the production thereof. Jorgensen Holger (inventor); Dansk Gaerings Industri A S. (grantee). Issued 8-4-42.

[F. R. Doc. 43-5319; Filed, April 5, 1943; 2:13 p. m.]

[Vesting Order 665]

PATENTS OF NATIONALS OF ESTONIA

Under the authority of the Trading with the Enemy Act, as amended, and Executive Order No. 9095, as amended, and pursuant to law, the undersigned, after investigation:

1. Finding that the persons identified in Exhibit A attached hereto and made a part hereof as the inventors and grantees of the patents described in said Exhibit A, are residents of Estonia and are nationals of a foreign country (Estonia);

2. Finding that the owner or owners of each patent described in said Exhibit A are one or more of the persons identified therein as inventor or grantee of such patent;

3. Finding, therefore, that the property described as follows:

All right, title and interest, including all accrued royalties and all damages and profits recoverable at law or in equity from any person, firm, corporation or government for past infringement thereof, in and to the patents identified in said Exhibit A,

is property in which nationals of a foreign country (Estonia) have interests;

4. Having made all determinations and taken all action, after appropriate consultation and certification, required by said Executive Order or Act or otherwise; and

5. Deeming it necessary in the national interest;

hereby vests in the Alien Property Custodian the property hereinbefore described in subparagraph 3, to be held, used, administered, liquidated, sold or otherwise dealt with in the interest of and for the benefit of the United States.

Such property, and any or all of the proceeds thereof, shall be held in an appropriate special account or accounts, pending further determination of the Alien Property Custodian. This shall not be deemed to limit the powers of the Alien Property Custodian to return such property or the proceeds thereof, or to indicate that compensation will not be paid in lieu thereof, if and when it should be determined that such return should be made or such compensation should be paid.

Any person, except a national of a designated enemy country, asserting any claim arising as a result of this order may file with the Alien Property Custodian a notice of his claim, together with a request for a hearing thereon, on Form APC–1, within one year from the date hereof, or within such further time as may be allowed by the Alien Property Custodian. Nothing herein contained shall be deemed to constitute an admission of the existence, validity or right to allowance of any such claim.

The terms "national" and "designated enemy country" as used herein shall have the meanings prescribed in section 10 of said Executive Order.

Executed at Washington, D. C. on January 18, 1943.

[SEAL] LEO T. CROWLEY,
Alien Property Custodian.

EXHIBIT A

1,631,891. Surveying instrument with drawing device. Sander Mart (inventor). Issued 6-7-27.
1,770,107. Apparatus for dry distillation. Kulzinski Mstislav (inventor); Eesti Patendi Aktsiaselts (grantee). Issued 7-8-30.
1,820,291. Oil extracting device. Strandell Arthur (inventor). Issued 8-25-31.
1,828,669. Closing shutter for tunnel ovens. Kulzinski Mstislav (inventor); Eesti Patendi Aktsiaselts (grantee). Issued 10-20-31
1,835,355. Oil extracting device. Strandell Arthur (inventor). Issued 12-8-31.
1,878,651. Milk evaporator. Teetsow Waldemar Henry (inventor). Issued 9-20-32.
1,970,437. Method of and apparatus for the rapid freezing of liquids. Snitkin Nikolai (inventor). Issued 8-14-34.
2,051,735. Tensioning device for flexible members. Michelson Konstantin (inventor). Issued 8-18-36.
2,176,825. Tunnel furnace. Scheloumow Peter (inventor); Eesti Patendi Aktsiaselts (grantee). Issued 10-17-39.
2,211,993. Percussion tool. Vasard Richard (inventor). Issued 8-20-40.
2,261,737. Shaving apparatus. Hirv Eugen (inventor). Issued 11-4-41.

[F. R. Doc. 43-5320; Filed, April 5, 1943; 2:04 p. m.]

[Vesting Order 668]

PATENTS OF NATIONALS OF GREECE

Under the authority of the Trading with the Enemy Act, as amended, and Executive Order No. 9095, as amended, and pursuant to law, the undersigned, after investigation:

1. Finding that the persons identified in Exhibit A attached hereto and made a part hereof as the inventors and grantees of the patents described in said Exhibit A, are residents of Greece and are nationals of a foreign country (Greece);

2. Finding that the owner or owners of each patent described in said Exhibit A are one or more of the persons identified therein as inventor or grantee of such patent;

3. Finding, therefore, that the property described as follows:

All right, title and interest, including all accrued royalties and all damages and profits recoverable at law or in equity from any person, firm, corporation or government for past infringement thereof, in and to the patents identified in said Exhibit A,

is property in which nationals of a foreign country (Greece) have interests;

4. Having made all determinations and taken all action, after appropriate consultation and certification, required by said Executive Order or Act or otherwise; and

5. Deeming it necessary in the national interest;

hereby vests in the Alien Property Custodian the property hereinbefore described in subparagraph 3, to be held, used, administered, liquidated, sold or otherwise dealt with in the interest of and for the benefit of the United States.

Such property, and any or all of the proceeds thereof, shall be held in an appropriate special account or accounts, pending further determination of the Alien Property Custodian. This shall not be deemed to limit the powers of the Alien Property Custodian to return such property or the proceeds thereof, or to indicate that compensation will not be paid in lieu thereof, if and when it should be determined that such return should be made or such compensation should be paid.

Any person, except a national of a designated enemy country, asserting any claim arising as a result of this order may file with the Alien Property Custodian a notice of his claim, together with a request for a hearing thereon, on Form APC–1, within one year from the date hereof, or within such further time as may be allowed by the Alien Property Custodian. Nothing herein contained shall be deemed to constitute an admission of the existence, validity or right to allowance of any such claim.

The terms "national" and "designated enemy country" as used herein shall have the meanings prescribed in Section 10 of said Executive Order.

Executed at Washington, D. C., on January 18, 1943.

[SEAL] LEO T. CROWLEY,
Alien Property Custodian.

EXHIBIT A

1,593,773. Apparatus for geometrical demonstrations. Messinesi John A (inventor). Issued 7-27-26.
1,712,184. Centrifugal concentrator. Wendel Reinhold M (inventor). Issued 5-7-29.
1,787,380. Invalid bed. Iplicjian Aram (inventor). Issued 12-30-30.
1,889,326. Fluid pressure brake. Andrikidis Alexandre (inventor). Issued 11-29-32.
1,936,129. Method of treating the skin and device therefor. Fisk Andrew J (inventor). Issued 11-21-33.
2,081,516. Harp-like polyphone polychord musical instrument. Tsamourtzi Evangelos Themistokleous (inventor). Issued 5-25-37.
2,089,364. Apparatus for preventing the backfiring in internal combustion engines. Hadjidakis Stephan George (inventor). Issued 8-10-37.
2,092,445. Method of sealing containers. Doulgheridis Alcibiad Michael (inventor). Issued 9-7-37.
2,247,181. Carburetor for hydrocarbon fuels. Berhoudar Osep Vahan (inventor). Issued 6-24-41.
2,256,857. Device for neutralizing the inertia of vehicle bodies. Apostolou Demeter A (inventor). Issued 9-23-41.

[F. R. Doc. 43-5322; Filed, April 5, 1943; 2:05 p. m.]

[Vesting Order 667]

PATENTS OF NATIONALS OF FRANCE

Under the authority of the Trading with the Enemy Act, as amended, and Executive Order No. 9095 as amended, and pursuant to law, the undersigned, after investigation:

1. Finding that the owners of the patents and other property related thereto described in subparagraph 3 hereof are either the persons identified in Exhibit A attached hereto and made a part hereof as the grantees of such patents, respectively, or (in the cases only of those patents, if any, in connection with which no grantees are so identified) the persons identified in said Exhibit A as the respective inventors thereof;

2. Finding that each of such owners is a resident of France, and therefore is a national of a foreign country (France);

3. Finding, therefore, that the property described as follows:

All right, title and interest, including all accrued royalties and all damages and profits recoverable at law or in equity from any person, firm, corporation or government for past infringement thereof, in and to the patents identified in said Exhibit A,

is property of nationals of a foreign country (France);

4. Having made all determinations and taken all action, after appropriate consultation and certification, required by said Executive Order or Act or otherwise; and

5. Deeming it necessary in the national interest;

hereby vests in the Alien Property Custodian the property hereinbefore described in subparagraph 3, to be held, used, administered, liquidated, sold or otherwise dealt with in the interest of and for the benefit of the United States.

Such property, and any or all of the proceeds thereof, shall be held in an appropriate special account or accounts, pending further determination of the Alien Property Custodian. This shall not be deemed to limit the powers of the Alien Property Custodian to return such property or the proceeds thereof, or to indicate that compensation will not be paid in lieu thereof, if and when it should be determined that such return should be made or such compensation should be paid.

Any person, except a national of a designated enemy country, asserting any claim arising as a result of this order may file with the Alien Property Custodian a notice of his claim, together with a request for a hearing thereon, on Form APC-1, within one year from the date hereof, or within such further time as may be allowed by the Alien Property Custodian. Nothing herein contained shall be deemed to constitute an admission of the existence, validity or right to allowance of any such claim.

The terms "national" and "designated enemy country" as used herein shall have the meanings prescribed in section 10 of said Executive Order.

Executed at Washington, D. C., on January 18, 1943.

[SEAL] LEO T. CROWLEY,
Alien Property Custodian.

EXHIBIT A

RE18,638. Tire for railway vehicles. Michelin Andre Jules dec et al, Michelin Marcel Joseph Jules excr (inventors); Michelin et Cie (grantee). Issued 11-24-31.
RE19,036. Preparation of rosin solutions. Thiriet Andre et al, Delcroix Pierre (inventors); Procedes Navarre (grantee). Issued 5-20-30.
RE19,226. Railway vehicle wheel fitted with pneumatic tires. Michelin Andre Jules dec et al, Michelin Marcel Joseph Jules excr (inventors); Michelin et Cie (grantee). Issued 11-10-31.
RE19,969. Design for a pneumatic tire. Bourdon Pierre Marcel (inventor); Michelin & Cie (grantee). Issued 10-22-35.
RE20,809. Tulle and lace comprising multiple elastic threads. Isaac Augustin (inventor); Dognin S A (grantee). Issued 5-5-36.
DE77,851. Air pump casing. Michelin Andre Jules (inventor); Michelin et Cie (grantee). Issued 2-26-29.
DE79,093. Garage inflater. Michelin Andre Jules (inventor); Michelin et Cie (grantee). Issued 7-30-29.
DE82,244. Magneto electric pocket lamp. Bernasconi Charles et al, Berthier Rene Marie (inventors). Issued 10-14-30.
DE101,277. Design for a rubber boot for females. Issaly Raoul Giorda (inventor). Issued 9-22-36.
DE116,929. Design for an irrigating apparatus for the hardening of the bosoms. Paul Rene (inventor). Issued 9-26-39.
DE120,392. Design for a radio cabinet or similar article. Alazet Jean (inventor). Issued 5-7-40.
1,564,273. Roundabout affecting the shape of a giant top. Prost Etienne (inventor); Girard Henri (grantee). Issued 12-8-25.
1,564,327. Heating apparatus. Coucke Florimond Joseph (inventor). Issued 12-8-25.
1,570,281. Two head rotatable fastening device. Raymond Achille Francois (inventor). Issued 1-19-26.
1,571,282. Apparatus for drying fabrics or the like. Leculier Paul (inventor). Issued 2-2-26.
1,572,738. Rotary pump for liquids or gases. Maroger Samuel (inventor). Issued 2-9-26.
1,574,753. Machine for molding building blocks and the like. Bonnet Francois (inventor). Issued 3-2-26.
1,575,879. Trawling fishing gear. Vigneron Jean Baptiste Joseph Alphonse (inventor). Issued 3-9-26.
1,579,644. Motor car body. Candelaresi Virgilio (inventor). Issued 4-6-26.
1,580,469. Apparatus for the manufacture of earth metals. Dolter Henri (inventor). Issued 4-13-26.
1,580,656. Process & apparatus relating to the combustion of solid fuel. De Coninck Marcel (inventor). Issued 4-13-26.
1,582,594. Carburetor. Girin Antoine (inventor). Issued 4-27-26.
1,583,481. Machine for dyeing hides. Martinet Jules Romain (inventor); Soc V Perrin and Cie (grantee). Issued 5-4-26.
1,585,716. Preparation of sodium. Hulin Paul Leon (inventor). Issued 5-25-26.
1,586,029. Cooling apparatus. Cremieu Victor (inventor). Issued 5-25-26.
1,586,099. Manufacturing process for cements containing iron and alumina combinations. Martin Ernest (inventor). Issued 5-25-26.
1,586,452. Loud speaking apparatus of the electromagnetic type. Lumiere Louis (inventor). Issued 5-25-26.
1,587,707. Thermoelectric battery. Duch Gabriel (inventor). Issued 6-8-26.
1,589,010. Movable deflector for fluid streams. Lallemand Ferdinand (inventor). Issued 6-15-26.
1,589,863. Swivel for use in fishing tackle. Robin Joannes (inventor). Issued 6-22-26.
1,590,173. Valve for footballs. Anglade Prosper Eugene (inventor). Issued 6-22-26.
1,593,316. Combination planing and molding machine. Tetard Marius (inventor). Issued 7-20-26.
1,593,354. Automatic speed regulator. Pouget Timothee Pierre (inventor). Issued 7-20-26.
1,593,487. Process of rendering chlorides of ketones soluble by treating with sulphites made from waste liquors. De Vains Antoine Regnouf (inventor). Issued 7-20-26.
1,593,544. Process for the treatment of the seed of the carob tree. Audibert Jean Francois Alfred (inventor). Issued 7-20-26.
1,595,230. Two stroke combustion engine. Doine Dehan Gaston (inventor). Issued 8-10-26.
1,595,522. Electric lamp with several filaments. Mullor Alvaro (inventor). Issued 8-10-26.
1,596,093. Syntonization of circuits used in wireless signaling. Galletti Robert Clemens (inventor). Issued 8-17-26.
1,598,675. Trailer having four steering wheels. Coder Joseph et al, Coder Louis (inventors). Issued 9-7-26.
1,599,455. Automatic braking mechanism for the feed roller of wire drawing machines. Bruyere Joanny Gabriel (inventor). Issued 9-14-26.
1,599,476. Reeling or winding machine. Ladoire Georges et al, Wilmouth Eugene, Varrillon Francois, Batayron Louis (inventors). Issued 9-14-26.
1,605,755. Manufacture of wheel disks. Michelin Andre Jules (inventor). Issued 11-2-26.
1,606,961. Compressed gas shooting arm. Rocroy Fernand (inventor). Issued 11-16-26.
1,607,661. Apparatus for manifold colored cinematic photographs. Albert Louis (inventor). Issued 11-23-26.
1,608,337. Two head rotatable fastening device. Raymond Achille Francois (inventor). Issued 11-23-26.
1,608,388. Catalytic heating apparatus. Gritte Joseph (inventor); Soc. Lyonnaise Des Rechauds, Catalytiques S A (grantees). Issued 11-23-26.
1,609,145. Refrigerating apparatus. Vuillaume Paul (inventor). Issued 11-30-26.
1,611,524. Process for purification of air rendered impure by carbon monoxide or other deleterious gases & intended for respiration. Guillemard Henri (inventor). Issued 12-21-26.
1,612,220. Electrically heated branding iron. Ravella Jean (inventor). Issued 12-28-26.
1,613,320. Weaving loom. Gillot Henri Francois (inventor). Issued 1-4-27.

1,614,405. Reenforced concrete sleeper. Soulas Paul Joseph (inventor). Issued 1-11-27.

1,614,935. Chemical process for the etching of rubber principally for the obtention of impression prints. Sardou Etienne (inventor). Issued 1-18-27.

1,615,260. Process for the manufacture of fused cement and apparatus therefor. Dumas Georges (inventor); S A Des Chaux et Ciments de Lafarge et du Teil The (grantees). Issued 1-25-27.

1,616,350. Hook for breast collars. Clavier Pierre (inventor). Issued 2-1-27.

1,617,143. Shuttle box motion of looms. Barbier Alexandre (inventor). Issued 2-8-27.

1,617,347. Stationary yarn guide for weaving looms. Phily Fernand (inventor). Issued 2-15-27.

1,617,863. Rotary pump. Planche Benjamin Rene (inventor). 2-15-27.

1,620,597. Vulcanizer. Fontana Paul Francois Marc Albert (inventor); Soc Des Apparells Mephisto, Jules Manfredi & Cie (grantees). Issued 3-8-27.

1,621,518. Electric cell with constant intensity. Pellini Joseph. (inventor). Issued 3-22-27.

1,623,551. Heel seat cutting machine. Pericaud Baptiste Martial (inventor). Issued 4-5-27.

1,624,060. Machine for inspecting a piece of tissue measuring its length and folding it. Nanterme Joseph (inventor). Issued 4-12-27.

1,625,712. Apparatus for cooling by the expansion of gases. Cremieu Victor (inventor). Issued 4-19-27.

1,626,184. Coupling means between motor tractors and their trailers. Coder Joseph et al, Coder Louis (inventors). Issued 4-26-27.

1,626,185. Tractor trailer of the type carried on two wheels. Coder Joseph et al, Coder Louis (inventors). Issued 4-26-27.

1,626,411. Loom for weaving. Jabouley Joanny Barthelemy (inventor); Jabouley & Co. (grantee). Issued 4-26-27.

1,626,559. Universal woodworking machine for carpenters joiners and cabinetmakers. Rozier Honore (inventor). Issued 4-26-27.

1,626,836. Refrigerating apparatus. Jauvert Maurice (inventor). Issued 5-3-27.

1,627,927. Safety razor. Petard Daniel (inventor). Issued 5-10-27.

1,627,950. Dobby for looms. Banzet Paul Joseph (inventor); Bruyere Banzet & Co, Soc Dauphinoise de Materiel Textile (grantees). Issued 5-10-27.

1,627,982. Method and means for the treatment of slags by fluids under pressure. Maguet Martial (inventor); La S A Des Chaux et Ciments, De Lafarge et Du Teil (grantees). Issued 5-10-27.

1,628,481. Drying drum. Vernay Jean Baptiste (inventor). Issued 5-10-27.

1,636,902. Construction of aeroplane wings. Dewoitine Emile (inventor). Issued 7-26-27.

1,637,931. Vulcanizer. Fontana Paul Francois Marc Albert (inventor); Soc Des Apparells Mephisto Jules, Manfredi & Cie (grantees). Issued 8-2-27.

1,639,289. Nail and like straightening device. Haegler Henry William (inventor). Issued 8-16-27.

1,639,573. Vehicle wheel. Michelin Andre Jules (inventor); Michelin et Cie (grantee). Issued 8-16-27.

1,641,292. Manufacture of nitrated cellulose from wood pulp. Planchon Victor (inventor). Issued 9-6-27.

1,644,927. Apparatus for guiding flexible bands or belts in motion. Landraud Marc. (inventor). Issued 10-11-27.

1,645,021. Safety razor. Petard Daniel Ernest Joseph (inventor). Issued 10-11-27.

1,646,083. Cartridge closing machine. De Garkovenko Wladimir et al, Fighiera Marcel (inventors). Issued 10-18-27.

1,646,412. Continually working machine for molding and marking by compression plastic materials. Lledo Vincent (inventor). Issued 10-25-27.

1,648,384. Garden plow. Garric Andre (inventor). Issued 11-8-27.

1,651,366. Process of preparation from starch of esters of the higher fatty acids soluble in hydrocarbons of the aromatic series. Berthon Paul (inventor); Soc de Stearinerie et Savonnerie de Lyon (grantees). Issued 12-6-27.

1,651,808. Device for spraying liquids. Courtois Gaston Frederic (inventor). Issued 12-6-27.

1,651,914. Ladder. Bertrand Paul (inventor). Issued 12-6-27.

1,651,990. Process of manufacturing cellulose esters. Berthon Paul (inventor); Soc de Stearinerie and Savonnerie de Lyon (grantees). Issued 12-6-27.

1,651,991. Process of making soluble mixed low and high fatty acid esters of cellulose. Berthon Paul (inventor); Soc de Stearinerie and Savonnerie de Lyon (grantees). Issued 12-6-27.

1,652,146. Deep rim for pneumatic tires. Michelin Andre Jules (inventor); Michelin et Cie (grantee). Issued 12-6-27.

1,652,147. Deep rim for pneumatic tires. Michelin Andre Jules (inventor) Michelin et Cie (grantee). Issued 12-6-27.

1,653,979. Cutting machine. Bataille Archimede (inventor). Issued 12-27-27.

1,654,380. Means for securing tires on rims. Michelin Andre Jules (inventor); Michelin et Cie (grantee). Issued 12-27-27.

1,654,910. Process for treating articles in metallic baths. Barbier Noel Jean (inventor). Issued 1-3-28.

1,655,125. Ship's log. Baule Marie Emile Alfred (inventor). Issued 1-3-28.

1,655,783. Electrode for the combined therapeutic application of high frequency current and of ultra violet radiation. Gallois Robert (inventor). Issued 1-10-28.

1,656,214. Diaphragm valve for automobiles. Masson Pierre (inventor). Issued 1-17-28.

1,658,646. Flap for tires. Michelin Andre Jules (inventor); Michelin et Cie (grantee). Issued 2-7-28.

1,659,863. Impermeable coating for oil receptacles. Dulac Auguste (inventor). Issued 2-21-28.

1,660,123. Process of increasing and improving the resistance of spun goods from artificial silk waste. Grand Joseph Alexis (inventor). Issued 2-21-28.

1,660,845. Elastic wheel. Mamessier Henri (inventor). Issued 2-28-28.

1,660,985. Shuttle box motion for looms. Barbier Alexandre (inventor). Issued 2-28-28.

1,662,726. Filtering apparatus. Vernay Jean Baptiste (inventor). Issued 3-13-28.

1,663,913. Process for the manufacture of oleomargarine. Leroudier Henri (inventor). Issued 3-27-28.

1,666,430. Instrument for measuring the perimeter of teeth. Tizzani Felix. (inventor). Issued 4-17-28.

1,666,582. Fastening button. Raymond Achille Francois (inventor). Issued 4-17-28.

1,666,787. Pneumatic pressure gauge. Michelin Andre Jules (inventor); Michelin et Cie (grantee). Issued 4-17-28.

1,669,285. Motor vehicle front glass wiper. Conill Fernan Oscar (inventor). Issued 5-8-28.

1,669,323. Apparatus for the casting of melted metals under pressure. Brumm Emile (inventor). Issued 5-8-28.

1,669,445. Automobile head lamp. Borel Joseph (inventor). Issued 5-15-28.

1,671,250. Seal for metal binders. Mallaroni Jean (inventor). Issued 5-29-28.

1,671,513. Process of preparation of a modified cellulose intended to be employed for the manufacture of cellulose acetates. Cusin Maurice et al, Chevalet Pierre Alphonse Andre (inventors); Soc. Lyonnaise de Soie Artificielle (grantee). Issued 5-29-28.

1,671,536. Talking machine employing large diaphragm. Lumiere Louis (inventor). Issued 5-29-28.

1,673,695. Document holder for files or the like. Menard Elisee (inventor). Issued 6-12-28.

1,675,780. Method and means for preventing overheating of bearings. Alric Emile Albert Marius (inventor). Issued 7-3-28.

1,678,325. Arrangement for directly reproducing on fabric the required pattern. Butin Emile Achille, Girard Louis (inventors). Issued 7-24-28.

1,678,496. Electromechanical lamp. Bernasconi Charles, et al., Berthier Rene Marie (inventors). Issued 7-24-28.

1,679,075. Hoisting mechanism for dumping trucks. Coder Joseph, et al., Coder Louis (inventors). Issued 7-31-28.

1,679,205. Refrigeration. Conill Fernan O. (inventor). Issued 7-31-28.

1,679,738. Fabric made of scrap felt or other pliant material. Origone Louis (inventor). Issued 8-7-28.

1,679,853. Springing of motor vehicles. Cottin Cyrille Edouard (inventor); Automobiles Cottin & Desgouttes S. A. (grantee). Issued 8-7-28.

1,681,655. Hand operated diestock. Bernaudin Henri (inventor). Issued 8-21-28.

1,681,690. Drying apparatus. Vernay Jean Baptiste (inventor). Issued 8-21-28.

1,682,735. Seed and grain distributor. Bergerioux Rene (inventor). Issued 9-4-28.

1,682,825. Machine for distributing fertilizer, seeds and grain. Bergerioux Rene (inventor). Issued 9-4-28.

1,683,052. Loom for manufacturing non-raveling fabrics. Phily Fernard (inventor). Issued 9-4-28.

1,683,520. Process for treating crape waste. Bonnard Georges (inventor). Issued 9-4-28.

1,685,422. Parachute. Hurlburt Dane (inventor). Issued 9-25-28.

1,688,272. Spring pressure button. Fouletier Louis (inventor). Issued 10-16-28.

1,689,286. Talking machine employing large diaphragm. Lumiere Louis (inventor). Issued 10-30-28.

1,689,958. Process of manufacture of cellulose xanthate. Moro Piere (inventor). Issued 10-30-28.

1,690,452. Machine for the manufacture of wire spiral. Manent Jean Pierre et al, Manent Marius (inventors). Issued 11-6-28.

1,692,546. Electromechanical starting device for heat engines. Dolne Dehan Gaston (inventor) Issued 11-20-28.

1,693,909. Rim for pneumatic tires. Michelin Andre Jules (inventor); Michelin et Cie (grantee). Issued 12-4-28.

1,694,952. Ear plug for bathers. Santi Louis (inventor). Issued 12-11-28.

1,696,196. Liquid fuel burner. Gray James H. (inventor). Issued 12-25-28.

1,696,774. Self feeding lubricator. Martin Emile (inventor). Issued 12-25-28.

1,701,034. Compass for aircraft. Escallier Pierre (inventor). Issued 2-5-29.

1,701,604. Seat provided with a reclining back. Boery Jean (inventor). Issued 2-12-29.

1,701,896. Method for manufacturing boots and shoes. Richard Remy (inventor). Issued 2-12-29.

1,702,018. Agricultural machinery. Raulais Alexis Elie Maurice (inventor). Issued 2-19-29.

1,703,015. Apparatus for printing textile fabrics. Ratignier Marius (inventor). Issued 2-19-29.
1,703,730. Process for the manufacture of preserved fruit. Fraisse Charles (inventor). Issued 2-26-29.
1,703,792. Suspension steering gear and braking gear for automobiles. Spire Pierre, et al., Rolland Lucien (inventors). Issued 2-26-29.
1,706,956. Auxiliary and movable wings to be brought in use on the departure and on the landing of high speed aeroplanes. Conill Fernan Oscar (inventor). Issued 3-26-29.
1,707,090. Beet slicer of the drum type. Maguin Abel (inventor); Soc. Nouvelle des Etablissements, Alfred Maguin (grantees). Issued 3-26-29.
1,707,887. Rotary hammer. Wagner Georges Ernest (inventor); S A Francaise Dite S A, D Exploitation des Brevets, Georgevitch et Wageor Pour des, Marteaux Rotatifs Margeowa (grantees). Issued 4-2-29.
1,709,569. Process for rendering gelatin insoluble and its application to various arts. De Procoudine Georsky Serge, et al., Pozniakow Nicolas (inventors); Soc. de Photochimie Elka (grantee). Issued 4-16-29.
1,713,374. Mop. Burlat Gustave (inventor). Issued 5-14-29.
1,713,377. Humidifying device. Ecureux Antoine (inventor). Issued 5-14-29.
1,713,737. System of street and vehicle lighting. Borel Joseph (inventor). Issued 5-21-29.
1,715,302. Multiple wire reenforce for automobile tires. Michelin Andre Jules (inventor); Michelin et Cie (grantee). Issued 5-28-29.
1,717,018. Movement governor with progressive speed or race variations. Ferrari Jean Marie Laurent (inventor). Issued 6-11-29.
1,717,019. Power transmission. Ferrari Jean Marie Laurent (inventor). Issued 6-11-29.
1,717,235. Apparatus for carrying out table service mechanically. Marmonier Victor (inventor). 6-11-29.
1,717,258. Manufacture of preserved fruits. Rambaud Augustin Anne Francois (inventor). Issued 6-11-29.
1,719,536. Railroad track securing device. Degorce Leon Victor Henry Nouaille (nventor). Issued 7-2-29.
1,720,151. Circular weaving loom. Sery Claude (inventor). Issued 7-9-29.
1,720,156. Filtering drum. Vernay Jean Baptiste (inventor). Issued 7-9-29.
1,720,166. Link belt. Chavand Rene (inventor). Issued 7-9-29.
1,720,290. Method of operating molten slag gas producers. Philipon Henri Jean Francois (inventor); S A L Air Chaud (grantee). Issued 7-9-29.
1,721,470. Process for felting woolen and like textile fabrics having wool powder incorporated therewith. Ricalens Etienne (inventor). Issued 7-16-29.
1,723,268. Mechanically driven massage apparatus. Conill Fernan Oscar (inventor). Issued 8-6-29.
1,726,858. Continuously operating machine for phosphating and washing fabrics. Ratignier Marius (inventor). Issued 9-3-29.
1,728,135. Electromagnetic stepping mechanism. Pillion Nicolas Louis (inventor). Issued 9-10-29.
1,728,597. Apparatus for the manufacture of cement by fusion. Dumas Georges (inventor); S A Des Chaux et Ciments de Lafarge et du Teil (grantee). Issued 9-17-29.
1,729,263. Electric arc lamp cathode with rotary flame and stationary crater. Dubois Raymond (inventor). Issued 9-24-29.
1,729,536. Machine of the semiautomatic type for casting under pressure. Brumm Emile (inventor). Issued 9-24-29.
1,730,261. Metal rim for use with pneumatic tires. Bourdon Pierre Marcel (inventor); Michelin et Cie (grantee). Issued 10-1-29.
1,731,123. Carburetor for explosion engines. Brut Georges Felix (inventor). Issued 10-8-29.
1,731,426. Thread or wire driving means for core covering machines and the like. Lachaze Gaston Charles Leon Gineste (inventor). Issued 10-15-29.
1,732,595. Liquid container. Deltheil Robert (inventor). Issued 10-22-29.
1,733,455. Method of making piping. Ferrand Georges Auguste (inventor). Issued 10-29-29.
1,734,536. Electric furnace. Sorrel Victor et al, Lafont Louis Andre (inventors); Ugine Infra (grantee). Issued 11-5-29.
1,735,499. Carbuertor. Girin Antoine (inventor). Issued 11-12-29.
1,735,666. Micrometric screw cutting machine. Audibert Maurice (inventor). Issued 11-12-29.
1,735,725. Antiglare headlight for motor cars. Borel Joseph (inventor). Issued 11-12-29.
1,738,233. Refrigeration. Conill Fernan O (inventor). Issued 12-3-29.
1,738,439. Automatic gun. Leve Charles (inventor). Issued 12-3-29.
1,738,927. Valve for pneumatic tires. Salerni Piero Mariano (inventor); Salerni Marie Therese Elisabeth (grantee). Issued 12-10-29.
1,739,918. Method and apparatus for feeding liquid fuel to internal combustion engines. Rebillet Marcel Joseph Achille (inventor). Issued 12-17-29.
1,741,676. Semiautomatic map pointer for road vehicles. Borel Paul (inventor). Issued 12-31-29.
1,744,745. Centrifugal switch. Bonnat Max (inventor). Issued 1-28-30.
1,745,963. Bicycle & motor cycle frame. Trouche Henri (inventor). Issued 2-4-30.
1,750,229. Heat engine acting as a pump. Lasmolles Jean Raoul Francois Marius (inventor). Issued 3-11-30.
1,750,355. Construction of furnace or oven arches. Ragoucy Alexis Constant (inventor). Issued 3-11-30.
1,750,412. Scuttle port and like tight closed window. Lalanne Louis (inventor). Issued 3-11-30.
1,750,483. Vehicle wheel. Michelin Andre Jules (inventor); Michelin et Cie (grantee). Issued 3-11-30.
1,751,318. Process for obtaining photographic images. Gay Eugene (inventor). Issued 3-18-30.
1,751,382. Process of mounting the dies used as in production of metal threads or wires. Archer Clodien (inventor). Issued 3-18-30.
1,751,937. Self exciting compensated asynchronous machine. Matabon Jean Louis et al, Foucault Charles Michel (inventors). Issued 3-25-30.
1,752,733. Machine for rupturing the ends projecting from wire heddles. David Auguste Gilbert et al, Giscion Pierre (inventors). Issued 4-1-30.
1,753,041. Grommet for pneumatic tires. Bourdon Pierre Marcel (inventor); Michelin et Cie (grantee). Issued 4-1-30.
1,754,029. Power factor control of alternating current asynchronous machines. Matabon Jean Louis et al, Foucault Charles Michael (inventors). Issued 4-8-30.
1,755,125. Method and apparatus for directing torpedoes. Marmonier Louis (inventor). Issued 4-15-30.
1,755,726. Safety razor. Conill Fernan Oscar (inventor). Issued 4-22-30.
1,756,301. Reflector for rays emitted by a luminous source. Pech Jacques Louis (inventor). Issued 4-29-30.
1,757,535. Talking machine. Lumiere Louis (inventor). Issued 5-6-30.
1,758,601. Compressor. Hayart Lucien (inventor). Issued 5-13-30.
1,759,526. Preparation of rosin solutions. Thiriet Andre et al, Delcroix Pierre (inventors); Procedes Navarre (grantee). Issued 5-20-30.
1,759,766. Combined pump and electric motor. Szmukler Constantin (inventor). Issued 5-20-30.
1,759,769. Blowpipe. Vuillaume Cyprien (inventor). Issued 5-20-30.
1,760,796. Machine for treating hides skins leather and other similar pieces of work. Szmukler Constantin (inventor). Issued 5-27-30.
1,763,528. Apparatus for selecting luminous points of an image for reproduction by television. Brun Etienne known as Stephane Julien (inventor). Issued 6-10-30.
1,764,937. Self locking control device. De Bonal Guy et al (inventors). Issued 6-17-30.
1,765,252. Rotating filter apparatus. Vernay Jean Baptiste (inventor). Issued 6-17-30.
1,766,001. Control plug unit for splash feed lubricating systems. Planche Benjamin Rene (inventor). Issued 6-24-30.
1,767,457. Receptacle for dispensing liquid semiliquid or pasty materials. ochum Maurice (inventor). Issued 6-24-30.
1,768,128. Gyroscopic group for automatically stabilizing and steering aeroplanes. Marmonier Louis (inventor). Issued 6-24-30.
1,768,445. Mud guard system for motor cars and the like. Gauchot Arthur (inventor). Issued 6-24-30.
1,771,906. Drying apparatus for skeins. Villemey Albert Emile (inventor). Issued 7-29-30.
1,775,741. Automatic shaft coupling. Thomas Paul Joseph (inventor). Issued 9-16-30.
1,773,626. Tripod mounting for firearms. De Boigne Maurice (inventor); S. A. Des Anciens Etablissements Hotchkiss & Cie (grantee). Issued 10-14-30.
1,779,903. Demountable gymnastic apparatus. Daragon Marcel Pierre (inventor). Issued 10-28-30.
1,780,827. Rectifier of the synchronous type. Latour Andre (inventor). Issued 11-4-30.
1,782,285. Wheel for railroad vehicles. Bourdon Pierre Marcel (inventor); Michelin & Cie (grantee). Issued 11-18-30.
1,783,336. Scuttle port and like tight closed window. Lalanne Louis (inventor). Issued 12-2-30.
1,784,699. Automatic charging of electric furnaces. Miguet Paul Louis Joseph (inventor). Issued 12-9-30.
1,785,494. Filter press. Revel Louis (inventor). Issued 12-16-30.
1,786,334. Of wheels of engines or vehicles traveling upon railway tracks. Buclon Achille (inventor). Issued 12-23-30.
1,786,862. Varicose stocking. Mouthe Auguste (inventor); Francisque Damon (grantee). Issued 12-30-30.
1,787,014. Magneto electric machine for the generation of monophase current. Morel Emile (inventor). Issued 12-30-30.
1,788,428. Torus shaped device for maintaining the air bags or water bags during the vulcanizing of pneumatic tires. Garabiol Emile (inventor); Soc Des Procedes Fit (grantee). Issued 1-13-31.
1,792,381. Locking nut. Lescadieu Paul (inventor); Adnet Paul (grantee). Issued 2-10-31.
1,794,105. Process for the treatment of oleaginous materials for separately extracting all the elements thereof. David Louis Fernand et al, Felizat Georges (inventors). Issued 2-24-31.
1,795,371. Talking machine. Lumiere Louis (inventor). Issued 3-10-31.

1,795,538. Refrigerator of the absorption type. Beaumont Georges (inventor). Issued 3-10-31.
1,798,628. Driving mechanism for aeroplanes. Pillard Marcel (inventor); L Helice Metallique Brevets, Paulhan Pillard S. A. (grantees). Issued 3-31-31.
1,798,655. Stamping device. Brugiere Marcel (inventor). Issued 3-31-31.
1,798,821. Paper manufacturing machine with raising felt. Veyron Eugene Marius (inventor); Papeteries Navarre (grantee). Issued 3-31-31.
1,800,284. Draft and lifting device for agricultural tractors. Delaye Raoul Louis Andre (inventor); Soc A Responsabilite Limitee R. Delaye and Cie (grantees). Issued 4-14-31.
1,800,288. Apparatus for use in hand printing on fabric or paper. Givaudan Claudius (inventor). Issued 4-14-31.
1,802,517. Electrical insulating material. La Housse Joseph Edouard Gustave (inventor). Issued 4-28-31.
1,802,632. Piston for motors with internal combustion. Darche Albert Alexandre Augustin (inventor). Issued 4-28-31.
1,802,902. Internal combustion engine. Brau Marcel (inventor). Issued 4-28-31.
1,803,124. Automatic thread tension regulator for continuously acting spinning machines. Nau Touron Albert (inventor). Issued 4-28-31.
1,803,521. Distributing device for distributor drills. Bergerioux Rene (inventor). Issued 5-5-31.
1,803,533. Device for adjusting the openings of scuttle ports and the position of the pane holders thereof. Lalanne Louis (inventor). Issued 5-5-31.
1,805,063. Rotary pump. Wrona Casimir (inventor). Issued 5-12-31.
1,806,210. Electric furnace. Miguet Paul Louis Joseph (inventor). Issued 5-19-31.
1,808,603. Moving picture recording and projection apparatus. Huc Marcel Remy (inventor). Issued 6-2-31.
1,810,781. Mechanically driven mowing machine. Moreau Maurice Francois (inventor). Issued 6-16-31.
1,810,844. Magneto electric machine. Morel Emile (inventor). Issued 6-16-31.
1,811,982. Knife adapted for multiple uses & comprising a monkey wrench. Soustre Jean Albert (inventor). Issued 6-30-31.
1,812,016. Electrically heated apparatus for drying coffee & the like. Nieloud Charles (inventor). Issued 6-30-31.
1,812,199. Press for obtaining photographic prints by means of electric light. Crayssac Leon (inventor). Issued 6-30-31.
1,812,257. Process & apparatus for tanning leather. Chavand Rene (inventor). Issued 6-30-31.
1,812,981. Process for transferring gelatine silver bromide pictures. Procoudine Gorsky Michel (inventor); Soc de Photochimie Elka (grantee). Issued 7-7-31.
1,814,128. Atomizer. Courtois Gaston Frederic (inventor). Issued 7-14-31.
1,814,937. Sporting gun. Leve Charles (inventor). Issued 7-14-31.
1,815,499. Demountable metallic reel for cables. Decombe Georges (inventor). Issued 7-21-31.
1,815,667. Varicose stocking. Damon Francisque (inventor). Issued 7-21-31.
1,816,543. Automatic device for raising the wheels at the desired level in case of puncture of the pneumatic tire. Michelin Andre Jules (inventor); Michelin et Cie (grantee). Issued 7-28-31.
1,817,579. Corn removing device. Petard Daniel (inventor). Issued 8-4-31.
1,818,921. Rotary valve for reciprocating engines. Nourry Paul et al, Gluksmann Rodanski Daniel (inventors). Issued 8-11-31.
1,819,189. Weft threading device for the shuttles of automatic & other looms. Mezeray Francois Henri (inventor). Issued 8-18-31.
1,820,773. Grading and sorting grading apparatus. Bouquet Marcel (inventor). Issued 8-25-31.
1,821,909. Carburetor. Girin Antoine (inventor), Petronio Albert M J (grantee). Issued 9-1-31.
1,822,882. Dirigible headlight. Chabrol Alphonse (inventor). Issued 9-15-31.
1,824,464. Apparatus for twisting textile fibers or yarns. Berthier Jules (inventor); Soc Textile Twistok (grantee). Issued 9-22-31.
1,824,532. Distributing device for fertilizer grain and seed drills. Bergerioux Rene (inventor). Issued 9-22-31.
1,827,160. Machine for folding or plaiting fabrics. Nanterme Joseph (inventor). Issued 10-13-31.
1,827,451. Machine for typewriting music. Aillard Louis (inventor). Issued 10-13-31.
1,828,773. Agricultural machine. Garric Andre (inventor). Issued 10-27-31.
1,829,378. Treatment of cellulose materials. Thiriet Andrie (inventor); Papeteries Navarre (grantee). Issued 10-27-31.
1,830,196. Braiding machine. Faureroux Charles (inventor); Etablissements Ch. Faure Roux (grantee) Issued 11-3-31.
1,830,294. Container and distributor for pulverulent substances more particularly applicable for face powder. Salarnier Jean Baptiste (inventor). Issued 11-3-31.
1,830,879. Railway vehicle wheel fitted with pneumatic tires. Michelin Andre Jules (inventor), Michelin et Cie (grantee). Issued 11-10-31.
1,831,186. Weighing apparatus. Michelin Andres Jules (inventor); Michelin et Cie (grantee). Issued 11-10-31.
1,831,482. Circular weaving loom. David Tony (inventor). Issued 11-10-31.
1,832,472. Automatic apparatus for the continuous extraction of the sugar contained in sugar plants. Olier Andre (inventor), S A Des Etablissements a Olier (grantee). Issued 11-17-31.
1,833,718. Tire for railway vehicles. Michelin Andre Jules (inventor); Michelin et Cie (grantee). Issued 11-24-31.
1,834,033. Inflating device for pneumatic tires. Michelin Andres Jules (inventor); Michelin et Cie (grantee). Issued 12-1-31.
1,835,730. Rotating drying apparatus. Vernay Jean Baptiste (inventor). Issued 12-8-31.
1,836,679. Varicose stocking. Mouthe Auguste (inventor); Damon Francisque (grantee). Issued 12-15-31.
1,839,750. Means for moistening ceramic articles while shaping them. Faure Jean Marie Andre (inventor); Soc A Faure & Cie (grantee). Issued 1-5-32.
1,840,904. Valve for corrosive fluids. Julien Paul (inventor). Issued 1-12-32.
1,841,801. Process for obtaining photographic images. Gay Eugene (inventor). Issued 1-19-32.
1,842,742. Nonslipping device for the wheels of motor vehicles. Berliet Marius (inventor); S A Automobiles M Berliet (grantee) Issued 1-26-32.
1,842,880. Headlight for motor cars. Prudhomme Auguste Benoit Felix (inventor). Issued 1-26-32.
1,845,506. Mounting for acoustical diaphragms. Lumiere Louis (inventor). Issued 2-16-32.
1,846,580. Spare wheel for motor vehicles. Berliet Marius (inventor); S A des Automobiles M Berliet (grantee). Issued 2-23-32.
1,849,802. Moulet Jean Louis Leon Alexandre Albert (inventors); Martin Moulet & Cie (grantee). Issued 3-15-32.
1,849,977. Metal reel for cables. Decombe Georges (inventor). Issued 3-15-32.
1,850,140. Continuous rotary separator. Robatel Philibert T (inventor); Atelier T Robatel J Buffaud & Cie (grantee). Issued 3-22-32.
1,851,238. Electric arc disrupter. Branchu Paul Joseph (inventor). Issued 3-29-32.
1,851,895. Silk recorder. Cornet Andre (inventor). Issued 3-29-32.
1,853,758. Windshield wiper motor. Brumm Emile (inventor). Issued 4-12-32.
1,853,794. Apparatus for towing water planes. Arman Joseph Roch (inventor). Issued 4-12-32.
1,854,674. Screw threaded pressure resisting coupling. Savon Raymond (inventor). Issued 4-19-32.
1,854,685. Braiding machine. Billard Felix (inventor). Issued 4-19-32.
1,856,749. Vibrating film for acoustic devices. Desbriere Fernand Lesieure (inventor). Issued 5-3-32.
1,857,004. Apparatus for feeding liquid fuel to internal combustion engines. Rebillet Marcel Joseph Achille (inventor). Issued 5-3-32.
1,858,205. Double twist flyer spinning machine. Ferier Albert (inventor); Bienchini Ferier Soc en Nom Collectif (grantee). Issued 5-10-32.
1,864,445. Stereoscopic cinematography. Le Barbier Emile Pierre Louis (inventor). Issued 6-21-32.
1,864,690. Stringed musical instrument. Guibeaud Georges (inventor). Issued 6-28-32.
1,865,559. Mechanical coupling. De Montgrand Leon (inventor). Issued 7-5-32.
1,865,580. Pneumatic tire valve. Michelin Andre Jules (inventor); Michelin et Cie (grantee). Issued 7-5-32.
1,868,061. Crossing for railway tracks. Grosjean Pierre Marius (inventor). Issued 7-19-32.
1,868,424. Railway vehicle. Michelin Andre Jules (inventor); Michelin et Cie (grantee). Issued 7-19-32.
1,868,954. Furnace. Sorrel Victor et al, Lafont Louis Andre (inventors); Ugine Infra (grantee). Issued 7-26-32.
1,869,521. Manufacture of copper sulphate. Souviron Pierre Joseph Francois (inventor). Issued 8-2-32.
1,869,658. Machine for cracking and sorting nuts Branda Baptistin (inventor). Issued 8-2-32
1,870,110. Protective paper for agricultural or horticultural uses. Hall William Augustus (inventor). Issued 8-2-32.
1,872,337. Air screw with automatically variable pitch. Pillard Marcel (inventor); L Helice Metallique Brevets Paulhan Pillard S A (grantees). Issued 8-16-32.
1,873,739. Warp stop motion for looms for weaving. Collon Albin Marie Maurice (inventor). Issued 8-23-32.
1,874,315. Machine for sharpening of saws. Laurent Leon (inventor). Issued 8-30-32.
1,876,254. Stabilizing apparatus for aeroplanes. Marmonier Louis (inventor). Issued 9-6-32.
1,879,044. Means for operation of motor vehicles. Berliet Marius (inventor). S A Des Automobiles M Berliet (grantee). Issued 9-27-32.
1,879,878. Starting mechanism for motor vehicles. Leyvastre Ferdinand (inventor); Soc de Paris et du Rhone (grantee). Issued 9-27-32.
1,880,127. Self propelling vehicle. Fornaire Raphael (inventor). Issued 9-27-32.
1,880,360. Machine for making concrete pipes. Sapin Antoine (inventor). Issued 10-4-32.
1,882,022. Starting mechanism for motor vehicles. Leyvastre Ferdinand (inventor); Soc de Paris et du Rhone (grantee). Issued 10-11-32.
1,885,373. Variable rheostat. Planche Rene Benjamin (inventor). Issued 11-1-32.
1,887,471. Filtering apparatus. Vernay Jean Baptiste (inventor). Issued 11-8-32.
1,887,595. Pressure regulating device. Isnard Georges Victor (inventor). Issued 11-15-32.

1,889,282. Device for mounting and operating electrodes. Franchini Alfred et al, Girod Paul (inventors); Girod Paul (grantee). Issued 11-29-32.

1,889,837. Means for securing removable wheels to a hub. Michelin Andre Jules (inventor); Michelin & Cie (grantee). Issued 12-6-32.

1,890,546. Vehicle wheel. Michelin Andre Jules (inventor); Michelin et Cie (grantee). Issued 12-13-32.

1,890,567. Internal combustion engine feeding arrangement. Baverey Francois (inventor); Etablissements Lyonnais Rochet Shneider (grantee). Issued 12-13-32.

1,891,318. Automatic shuttle changing mechanism for a loom weaving with one or several shuttles. Poncet Albert (inventor). Issued 12-20-32.

1,892,606. Vehicle wheel. Bourdon Pierre Marcel (inventor); Michelin et Cie (grantee). Issued 12-27-32.

1,894,052. Textile Apparatus. Nautouron Albert (inventor). Issued 1-10-33.

1,896,012. Slider operating closures. Raymond Albert Victor (inventor). Issued 1-31-33.

1,901,078. Vehicle wheel. Bourdon Pierre Marcel (inventor); Michelin et Cie (grantee). Issued 3-14-33.

1,901,317. Hide and leather dressing machine. Mercier Daniel (inventor). Issued 3-14-33.

1,903,027. Apparatus for forming sine tracks. Capdet Henri (inventor). Issued 3-28-33.

1,904,123. Process of manufacturing crepes with threads of cellulose acetate artificial silk. Clemencon Claude (inventor). Issued 4-18-33.

1,904,502. Process for applying rubber to metal and other hard materials. Michelin Andre Jules (inventor); Michelin et Cie (grantee). Issued 4-18-33.

1,907,231. Rubberized and fibrous plastic material unattackable by oil. Angot Charles (inventor). Issued 5-2-33.

1,907,529. Hook and balloon employing the same. Faure Roux Charles (inventor); Etablissements Ch. Faure Roux (grantee). Issued 5-9-33.

1,907,530. Double twist flyer spinning machine. Ferier Albert (inventor); Bianchini Ferier Soc en Nom Collectif (grantee). Issued 5-9-33.

1,908,556. Motor driven winch. Rigondeau Louis Gaston (inventor). Issued 5-9-33.

1,909,895. Selecting device for droppers of lace machines. Ratelade Marie Antoine Raymond (inventor); S A Des Mecanique Verdol (grantee). Issued 5-16-33.

1,911,320. Stereoscopic photography. Le Barbier Emile, Pierre Louis (inventors). Issued 5-30-33.

1,914,544. Headgear. Villa Numa (inventor). Issued 6-20-33.

1,916,409. Apparatus providing progressive lighting and extinction of articles such as letters, words, phrases, pictures, etc. Bourgeois Fernand Joseph, et al., Parayre Jean Jacques (inventors). Issued 7-4-33.

1,919,831. Stabilizing device for aircraft. De Rouge Charles, Roger Anne Marie (inventors). Issued 7-25-33.

1,920,350. Device for mounting wheels on hubs. Bourdon Pierre Marcel (inventor); Michelin et Cie (grantee). Issued 8-1-33.

1,920,556. Extensible swift for the winding of hanks of silk cotton or other yarns of different diameters. Gubelmann Alfred (inventor). Issued 8-1-33.

1,920,686. Hauling and lifting apparatus. Faure Simon (inventor). Issued 8-1-33.

1,921,974. Security device for battery ignition circuits. Jolivet Pierre et al, Jolivet Jacques (inventors). Issued 8-8-33.

1,923,780. Lifting appliance. Faure Andre et al, Faure Antoine (inventors). Issued 8-22-33.

1,923,812. Tensioning device for wires, cords or metal rods. Chobert Jacques (inventor). Issued 8-22-33.

1,923,926. Elastic cord. Faure Roux Charles (inventor); Etablissements Ch. Faure Roux (grantee). Issued 8-22-33.

1,924,656. Superposed barrel breech loading firearm. Ribe Leon (inventor). Issued 8-29-33.

1,926,768. Preparation or size for silk artificial silk or other fiber. Galvin Auguste Firmin (inventor). Issued 9-12-33.

1,928,068. Wheel for motor vehicles and the like. Michelin Andre Jules (inventor); Michelin et cie (grantee). Issued 9-26-33.

1,930,398. Impervious and resilient napkin for infants and invalids. Souchard Henri (inventor). Issued 10-10-33.

1,930,748. Trousers protector. Giorda Raoul, Marcel Laurent (inventors). Issued 10-17-33.

1,931,838. Hot water and distilled water generator. Beraud Marie Philippe (inventor). Issued 10-24-33.

1,933,418. Tongue for shuttles for looms for weaving. France Diederichs Gustave (inventor). Issued 10-31-33.

1,934,850. Clutch device with a hydraulic servomotor. Fromaget Pierre Marie (inventor.) Issued 11-14-33.

1,935,006. Tractor trailer coupling. Athanassiou Georges (inventor). Issued 11-14-33.

1,937,419. Process for the catalytic production of anhydrous stannic chloride. Wolf Jacques et al, Favre George Andre (inventors). Issued 11-28-33.

1,938,854. Pump. Moulet Jean Louis, Leon Alexandre Albert (inventors); Martin Moulet & Cie (grantee). Issued 12-12-33.

1,942,114. Lifting apparatus. Michelin Andre Jules (inventor); Michelin et Cie (grantee). Issued 1-2-34.

1,944,402. Electric circuit breaker with compressed gas blow out. Clerc Andre (inventor). Issued 1-23-34.

1,944,403. Arc extinguishing chimney. Clerc Andre (inventor). Issued 1-23-34.

1,944,820. Cement admixture. Beghelli Aldo (inventor). Issued 1-23-34.

1,944,972. Transformable lifting appliance. Faure Andre et al, Faure Antoine (inventors). Issued 1-30-34.

1,947,562. Stabilizing and directing gyroscopic control mechanism. Marmonier Louis (inventor). Issued 2-20-34.

1,947,583. Carburetor. Brut Georges Felix (inventor). Issued 2-20-34.

1,948,060. Vehicle wheel and tire. Bourdon Pierre Marcel (inventor); Michelin et Cie (grantee). Issued 2-20-34.

1,948,658. Device for extinction of electric arcs. Gerin Gaston, Branchu Paul Joseph, Teszner Stanislas, et al (inventors). Issued 2-27-34.

1,950,105. Winding machine. Faure Roux Charles (inventor). Etablissements Ch. Faure Roux (grantee). Issued 3-6-34.

1,950,845. Machine for treating skeins of textile material. Ganeval Leon (inventor). Issued 3-13-34.

1,952,281. Method and apparatus for obtaining from a fluid under pressure two currents of fluids at different temperatures. Ranque Georges Joseph (inventor); La Giration des Fluides Soc A Responsabilite Limitee (grantees). Issued 3-27-34.

1,953,281. Horseshoe. Veran Antoine (inventor). Issued 4-3-34.

1,953,491. Device for recovering condensation waters. Sainte Martine Marius (inventor); Papeteries Navarre S A (grantee). Issued 4-3-34.

1,956,897. Mechanical hoe. Gept Rene (inventor). Issued 5-1-34.

1,959,497. Apparatus adapted to maintain the tail of an animal and the like. Peney Jean Leonce Louis Joseph (inventor). Issued 5-22-34.

1,961,063. Casting molten material. Miguet Paul Louis Joseph, Perron Marcel Paul, et al (inventors). Issued 5-29-34.

1,962,585. Extensible device. Faure Roux Charles (inventor); Etablissements Ch. Faure Roux (grantee). Issued 6-12-34.

1,964,310. Electric starter for internal combustion engines. Bethenod Joseph (inventor). Soc de Paris et du Rhone (grantee). Issued 6-26-34.

1,964,618. Vehicle wheel rim. Bourdon Pierre Marcel (inventor); Michelin et Cie (grantee). Issued 6-26-34.

1,964,729. Starting mechanism. Granjon Stephane (inventor). Issued 7-3-34.

1,966,804. Automatic starting rheostat for electric motors. Planche Benjamin Rene (inventor). Issued 7-17-34.

1,969,424. Organ. Puget Jules (inventor). Issued 8-7-34.

1,971,661. Signaling and advertising device. Sapio Gaetan (inventor); Soc Satralux (grantee). Issued 8-28-34.

1,972,664. Wheel. Michelin Andre Jules (inventor); Michelin et Cie (grantee). Issued 9-4-34.

1,972,678. Guide flange for rail vehicles. Bourdon Pierre Marcel (inventor); Michelin et Cie (grantee). Issued 9-4-34.

1,974,009. Arrangement for balancing loads carried by twin tires. Bourdon Pierre Marcel (inventor); Michelin et Cie (grantee). Issued 9-18-34.

1,975,023. Remote control device. Sertillange Maurice Antoine (inventor); Etablissements Paul Duclos (grantee). Issued 9-25-34.

1,975,432. Carburetor. Piat Jean Marie (inventor). Issued 10-2-34.

1,975,436. Method of heating by induction and furnace therefor. Sorrel Victor, Lafont Louis Andre, et al. (inventors); Ugine Infra (grantee). Issued 10-2-34.

1,975,437. Induction heated furnace. Sorrel Victor Joseph Celestin (inventor); Ugine Infra (grantee). Issued 10-2-34.

1,975,438. Magnetic muffle or other body and method of varying the magnetic transformation thereof. Sorrel Victor (inventor); Ugine Infra (grantee). Issued 10-2-34.

1,975,679. Percussion detonating composition. Blanc Andre (inventor). Issued 5-16-33.

1,976,988. Arrangement for testing spark plugs. Grangier Emile Louis, Niogret Fernand et al. (inventors). Issued 10-16-34.

1,977,922. Receptacle. Serre Eugene Edmond Charles (inventor). Issed 10-23-34.

1,978,315. Valve grinding machine. Lemay Gustave (inventor). Issued 10-23-34.

1,978,787. Trimming apparatus. Evanguelidi Nicolas (inventor). Issued 10-30-34.

1,978,969. Device for protection of electric nets against overvoltages. Teszner Stanislas (inventor). Issued 10-30-34.

1,979,124. Process for the preparation in dry powdered form of animal fish and vegetable matter. Tival Henri Louis Paul (inventor). Issued 10-30-34.

1,979,531. Apparatus for the waving of the hair. Conill Fernan Oscar (inventor). Issued 11-6-34.

1,984,918. Coupling. Coder Joseph (inventor). Issued 12-18-34.

1,985,336. Fruit pitting machine. Chapelle Robert (inventor). Issued 12-25-34.

1,985,355. Arrangement for transferring gaseous liquids under counter pressure. Stern Gustave (inventor). Issued 12-25-34.

1,987,436. Washing, dyeing, insing, and drying machine. Fiori Charles (inventor). Issued 1-8-35.

1,989,318. Knitting machine. Hausser Eugene (inventor). Issued 1-29-35.

1,990,879. Movable support for dispensing beverages. Picard Jean Raoul (inventor). Issued 2-12-35.

1,991,989. Sheet separating device. Trompier Louis (inventor). Issued 2-19-35.

1,992,117. Vehicle brake. Bourdon Pierre Marcel (inventor); Michelin et Cie (grantee). Issued 2-19-35.
1,993,897. Temperature indicating device for internal combustion and explosion engines. Renard Melanie Arsene (inventor). Issued 3-12-35.
1,994,217. Bench vise and the like. Guillaix Marcel (inventor). Issued 3-12-35.
1,994,849. Product for the protection of contacts in electric circuits. Bauza Jacques (inventor). Issued 3-19-35.
1,995,201. Telephone cable with star quads. Delon Jules (inventor). Issued 3-19-35.
1,995,575. Safety device for railway vehicles with pneumatic tires. Michelin Andre Jules (inventor); Michelin et Cie (grantee). Issued 3-26-35.
1,996,140. Mounting of twin tired wheels. Bourdon Pierre Marcel (inventor); Michelin et Cie (grantee). Issued 4-2-35.
1,996,161. Regulation of furnaces. Loth William Arthur (inventor); Soc A Responsabilite Limitee, L F T Fonderies (grantees). Issued 4-2-35.
1,997,135. Catalyst and process of preparing same. De Mahler Edouard Robert William (inventor). Issued 4-9-35.
1,998,028. Process and device for rotary simultaneous printing by means of multicolored printing blocks. Sark Astra (inventor); S A Prisma (grantee). Issued 4-16-35.
2,001,256. Method and apparatus for obtaining stereoscopic effects. Le Barbier Emile Pierre Louis (inventor). Issued 5-14-35.
2,003,209. Plow for electrical signaling of railways. De Saint Martin Charles Victor (inventor); Michelin et Cie (grantee). Issued 5-28-35.
2,003,653. Electric furnace operation. Miguet Paul Louis Joseph et al, Perron Marcel Paul (inventors). Issued 6-4-35.
2,004,922. Twin tire construction for vehicles. Bourdon Pierre Marcel (inventor); Michelin et Cie (grantee). Issued 6-18-35.
2,005,607. Coupling for bogie axles. Bourdon Pierre Marcel (inventor); Michelin et Cie grantor. Issued 6-18-35.
2,005,663. Electric drive for looms weaving machines and the like. Philly Fernand (inventor). Issued 6-18-35.
2,006,495. Guide flange for railway vehicles. Bourdon Pierre Marcel (inventor); Michelin et Cie (grantee). Issued 7-2-35.
2,006,651. Thread tensioning device for creels and the like. Perichard Albert (inventor). Issued 7-2-35.
2,011,477. Casting mold for coating cores for artificial teeth with wax. Fischer Victor (inventor). Issued 8-13-35.
2,012,020. Carburetor for internal combustion engines. Perrier Michel Eugene (inventor); Les Carburateurs Defi (grantee). Issued 8-20-35.
2,012,260. Rail vehicle. De Saint Martin Charles (inventor); Michelin et Cie (grantee). Issued 8-27-35.
2,014,897. Method of purifying sugar. Hyve Louis (inventor). Issued 9-17-35.
2,014,963. Automatic coupling device for vehicles. Coder Joseph (inventor). Issued 9-17-35.
2,016,989. Target. Pignatelli D Aragon Ludovic (inventor). Issued 10-8-35.
2,018,597. Support or mounting for pneumatic tires. Bourdon Pierre Marcel (inventor); Michelin et Cie (grantee). Issued 10-22-35.
2,018,598. Mounting of twin tired wheels. Bourdon Pierre Marcel (inventor); Michelin et Cie (grantee). Issued 10-22-35.
2,018,971. Machine for testing threads. Paume Paul (inventor). Issued 10-29-35.
2,020,462. Automatic machine for the manufacture of bottles and of other glass articles. Fechoz Etienne (inventor). Issued 11-12-35.
2,022,922. Hair net. Morins Leon J F (inventor). Issued 12-3-35.
2,023,061. Apparatus for the incorporation of a liquid with a gas. Vicard Pierre Georges (inventor). Issued 12-3-35.
2,023,267. Feeding means for gas masks. De Saint Rapt Joseph et al, Decombe Georges (inventors). Issued 12-3-35.
2,023,334. Aeroplane. Marmonier Louis (inventor). Issued 12-3-35.
2,023,634. Bifuel internal combustion engine. Boudet Raoul Pierre Marius (inventor). Issued 12-10-35.
2,023,998. Copper wire treatment for enamelling. Fustier Pierre (inventor); S A J Bocuze & Cie (grantee). Issued 12-10-35.
2,024,845. Device for use in operating track relays in railway signaling systems. Bourdon Pierre Marcel (inventor); Michelin and Cie (grantee). Issued 12-17-35.
2,025,344. Blank for artificial teeth. Fischer Victor (inventor). Issued 12-24-35.
2,025,581. Glass furnace. Fechoz Etienne (inventor). Issued 12-24-35.
2,028,652. Drawing of wires. De Mulatier Jean (inventor). Issued 1-21-36.
2,033,804. Manufacture of marquetry panels. Angremy Pierre (inventor). Issued 3-10-36.
2,035,738. Automatic detecting and alarm apparatus from a distance of fire. Blanc Aime (inventor). Issued 3-31-36.
2,038,348. Individual filter for the spinning of artificial filaments threads and the like. Cusin Maurice (inventor); Soc Lyonnaise de Textiles (grantee). Issued 4-21-36.
2,039,419. Tulle and lace comprising multiple elastic threads. Isaac Augustin (inventor); Dognin S A (grantee). Issued 5-5-36.
2,039,838. Compressed air circuit breaker with movable piston. Saudicoeur Louis Joseph (inventor). Issued 5-5-36.
2,040,667. Pump. Moulet Jean Louis Leon Alexander Albert (inventor); Moulet Martin & Cie (grantee). Issued 5-12-36.
2,041,536. Band brake. Fromaget Pierre Marie (inventor). Issued 5-19-36.
2,042,684. Method of securing a homogeneous mixture of hard materials & matrix metals. Schjoth Ejner (inventor). Issued 6-2-36.
2,042,734. Preselecting device for sheet feeding mechanisms of stenciling machines & the like. Roy Aime Armand (inventor). Issued 6-2-36.
2,042,908. Hair net. Morins Leon J Francois (inventor). Issued 6-2-36.
2,044,163. Shuttle carrier for sewing machines. Giraud Jules Francois Leon (inventor). Issued 6-16-36.
2,045,133. Automatic safety switching device. Gonnard Julien (inventor). Issued 6-23-36.
2,045,208. Shock absorber for vehicles and other loads. Stocq Edmond (inventor). Issued 6-23-36.
2,045,341. Safety device for tires. Bourdon Pierre Marcel (inventor); Michelin et Cie (grantee). Issued 6-23-36.
2,047,459. Surface condenser. Chamayou Benoit Elie (inventor). Issued 7-14-36.
2,049,180. Carburetor for internal combustion engines. Surra Stephane (inventor). Issued 7-28-36.
2,049,217. Processes of inpregnating cellulosic fabrics. Meunier Pierre (inventor); Resines et Vernis Artificiels S A (grantee). Issued 7-28-36.
2,055,279. Vibration absorbing support. D Aubarede Paul Charles Albert Marie (inventor). Issued 9-22-36.
2,056,741. Drive for machine tool tables or carriages. Rouchaud Fernand Alfred (inventor); S A Etablissements Rouchaud & Lamassiaude (grantees). Issued 10-6-36.
2,057,053. Loom for weaving. Philly Fernand (inventor). Issued 10-13-36.
2,057,376. Regulating device for wireless receivers. Grillet Francois Joseph (inventor). Issued 10-13-36.
2,058,557. Tire pressure gauge. Bourdon Pierre Marcel (inventor); Michelin et Cie (grantee). Issued 10-27-36.
2,058,989. Gas mask. Isaac Augustin (inventor); Dognin S A (grantee). Issued 10-27-36.
2,061,268. Device for molding the breasts in the contours and form desired. Becker Nicolas (inventor). Issued 11-17-36.
2,061,935. Manufacture of cellulose pulp. Delcroix Pierre (inventor); Papeteries Navarre (grantee). Issued 11-24-36.
2,065,278. Apparatus for lighting cigarettes or cigars. Jorrand Jean Albert (inventor). Issued 12-22-36.
2,065,999. Universal joint. Faure Joanny et al, Chavrier Antoine Pierre (inventors). Issued 12-29-36.
2,067,096. Electric drive for the picking devices for looms. Philly Fernand (inventor). Issued 1-5-37.
2,068,686. Apparatus for silencing the exhaust of internal combustion engines. Lascroux Joseph Louis (inventor). Issued 1-26-37.
2,069,911. Vehicle suspension. Bourdon Pierre Marcel (inventor); Michelin et Cie (grantee). Issued 2-9-37.
2,070,788. Regulatable fuse for projectiles. Girard Paul (inventor). Issued 2-16-37.
2,076,773. Machine for working printing machine cylinders particularly copper cylinders in copperplate printing machines. Goyot Francois Andre (inventor). Issued 4-13-37.
2,079,102. Method of making metal cases from a tubular piece. Biginelli Oreste (inventor). Issued 5-4-37.
2,079,953. Cupric mixtures for agricultural purposes and method for preparing same. Souviron Pierre Francois Joseph (inventor). Issued 5-11-37.
2,084,080. Engine mounting. D Aubarede Paul Charles Albert Marie (inventor). Issued 6-15-37.
2,086,099. Charging and switching device for internal combustion engines. Soulet Auguste (inventor); Magnetos France (grantee). Issued 7-6-37.
2,086,298. Dyeing of elastic fabrics. Isaac Augustin (inventor); Dognin S A (grantee). Issued 7-6-37
2,088,801. Machine for printing designs on fabrics by means of stencils perforated plates and the like. Masson Claudius (inventor); Badoy Jean, Rondelli Desire (grantees). Issued 8-3-37.
2,088,879. Furnace for burning granular fuel and the like. Stouff Louis Marie Joseph (inventor). Issued 8-3-37.
2,089,360. Apparatus for the treatment of hydrocarbons. Guichard Pierre (inventor). Issued 8-10-37.
2,089,361. Apparatus for cracking oil. Guichard Pierre (inventor). Issued 8-10-37.
2,089,399. Plant for the artificial drying of ceramic products and in particular of tiles and bricks. Monnier Jean Baptiste (inventor). Issued 8-10-37.
2,089,912. Apparatus for making metal cases from tubular pieces. Biginelli Oreste (inventor). Issued 8-10-37.
2,090,785. Loom for weaving gauzes. Diederichs Pierre Charles (inventor). Issued 8-24-37.
2,091,566. Carburetor. Portes Eugene Jean Ambroise (inventor). Issued 8-31-37.
2,092,080. Mechanically moved chain grate. Lemaire Edouard Auguste (inventor); S A Ditte La Mure Combustibles et Industrie (grantee). Issued 9-7-37.
2,094,943. Burner for liquid fuel. Gianola Louis Jean (inventor). Issued 10-5-37.
2,095,409. Mechanical winch particularly for dragging fishing nets from the water. Deluchi Jean et al, Cullare Sauveur (inventors). Issued 10-12-37.
2,096,461. Measuring filler for liquids of all kinds. Mane Eugene Maurice et al, Mane Gabriel Pierre (inventors). Issued 10-19-37.

2,097,741. Valve mechanism in internal combustion engines of the opposed piston type. Schmid Ernst (inventor). Issued 11-2-37.
2,099,477. Change speed chain gearing for bicycles and the like. Gruyer Jean Marcel (inventor); Simon Victor (grantee). Issued 11-16-37.
2,101,422. Flexible seat support. Assalit Louis (inventor). Issued 12-7-37.
2,102,950. Mechanical time fuse. Girard Paul (inventor). Issued 12-21-37.
2,105,272. Sleeve valve for a four stroke opposed piston engine. Schmid Ernst (inventor). Issued 1-11-38.
2,107,595. Pressure indicator. Bourdon Pierre Marcel (inventor); Michelin et Cie (grantee). Issued 2-8-38.
2,107,596. Pressure compensating device for multiple gas chambers. Bourdon Pierre Marcel (inventor). Michelin et Cie (grantee). Issued 2-8-38.
2,108,366. Device for transmitting motion. Cassagne Georges Raymond (inventor). Issued 2-15-38.
2,108,706. Cylinder head for internal combustion engines for the prevaporization of light fuel and for cracking of heavy oils. Crillon Marcel Victor (inventor). Issued 2-15-38.
2,111,000. Liquid fuel pump. Moulet Jean Louis Leon Alexandre Albert (inventor); Moulet Martin & Cie (grantee). Issued 3-15-38.
2,111,886. Parachute. Capel Louis Jean Moise (inventor). Issued 3-22-38.
2,113,504. Endless chain. Caute Louis (inventor); Soc Dite Soc de Construction du Tracteur Vigneron Georges Vidal S A (grantee). Issued 4-5-38.
2,113,515. Coupling apparatus. De Montgrand Leon (inventor). Issued 4-5-38.
2,117,952. Inhaling equipment. Gourdou Charles Edouard Pierre (inventor). Issued 5-17-38.
2,118,550. Mounting of radial cylinder engines. D'Aubarede Paul Charles Albert Marie (inventor). Issued 5-24-38.
2,120,063. Tire. Bourdon Pierre Marcel (inventor); Michelin et Cie (grantee). Issued 6-7-38.
2,120,760. Supporting surface of airplanes and the like aircraft. Lumiere Henri (inventor). Issued 6-14-38.
2,122,353. Hydraulic power transmission apparatus. Salerni Piero Mariano (inventor); Salerni Marie Therese Elisabeth (grantee). Issued 6-28-38.
2,122,736. Tire. Bourdon Pierre Marcel (inventor); Michelin & Cie (grantee). Issued 7-5-38.
2,125,897. Apparatus for the thermal treatment of carbonaceous materials. Michot Dupont Georges Francis (inventor). Issued 8-9-38.
2,127,861. Tool for cutting up into slices products having soft and hard parts. Gandriaut Lucien (inventor). Issued 8-23-38.
2,128,830. Safety device for railway vehicles and the like. Lecat Gustave (inventor). Issued 8-30-38.
2,130,143. Dynamo kinematic transformer. Max Pierre (inventor). Issued 9-13-38.
2,130,733. Linen folding machine. Combarette Gervais Benoit (inventor). Issued 9-20-38.
2,134,374. Automatic cutting machine for bricks or the like. Poussel Leopold (inventor); Etablissements Favant (grantee). Issued 10-25-38.
2,136,038. Device for indicating deflation of pneumatic tires. Bourdon Pierre Marcel (inventor); Michelin & Cie (grantee). Issued 11-8-38.
2,138,136. Axle suspension for vehicles. Bourdon Pierre Marcel (inventor). Michelin & Cie (grantee). Issued 11-29-38.
2,138,645. Sorting machine. Rey Emile Jean Francois (inventor); Papeteries Navarre (grantee). Issued 11-29-38.
2,139,068. Transfer sheet for decorating rubber. Bourdon Pierre Marcel (inventor); Michelin et Cie (grantee). Issued 12-6-38.
2,140,740. Measuring apparatus for boot and shoe makers. Giuntini Bruno (inventor). Issued 12-20-38.
2,141,507. Device for automatically controlling the inflation of tires. Bourdon Pierre Marcel (inventor); Michelin et Cie (grantee). Issued 12-27-38.
2,143,534. Seat for vehicles. Assalit Louis (inventor). Issued 1-10-39.
2,143,694. Pneumatic tire casing and process of making same. Hauvette Jacques Maurice Theodore (inventor); Michelin et Cie (grantee). Issued 1-10-39.
2,143,798. Change speed hub for bicycles and the like. Ribe Leon (inventor); Raimond Albert (grantee). Issued 1-10-39.
2,150,393. Means for packing and lubricating rotary shafts. Moulet Jean Louis Leon Alexandre Albert (inventor); Moulet Martin et Cie (grantee). Issued 3-14-39.
2,150,608. Extraction column. Olier Andre (inventor); S A des Etablissements A Olier (grantee). Issued 3-14-39.
2,152,092. Snow plow. Rougier Pierre (inventor). Issued 3-28-39.
2,155,477. Process for the manufacture of salts by base exchange by means of zeolite. Drujon Maxence (inventor). Issued 4-25-39.
2,155,497. Transforming alternating rectilinear movement into continuous rotary movement. Latil Adrien (inventor). Issued 4-25-39.
2,157,764. Internal combustion engine. Langrognet Georges Raymond (inventor). Issued 5-9-39.
2,158,599. Ski attachment. Weber Stephan (inventor). Issued 5-16-39.
2,160,959. Automatic gate. Danel Pierre Francois (inventor); Ateliers Neyret Beylier & Piccard Pictet (grantee). Issued 6-6-39.
2,162,440. Machine for printing designs on fabrics. Masson Claudius (inventor). Issued 6-13-39.
2,163,769. Woven fabric. Terrasse Gustave Joseph Jean (inventor); S A Tissages de Soieries Reunis (grantee). Issued 6-27-39.
2,164,909. System for starting internal combustion engines or the like by means of electric motors. Gachon Albert (inventor); Soc de Paris & du Rhone (grantee). Issued 7-4-39.
2,165,222. Engine and engine compressor. Capdet Henri (inventor). Issued 7-11-39.
2,165,745. Watercraft. Canton Jean Eugene (inventor). Issued 7-11-39.
2,171,138. Automatic locking device. Canepa Ernest (inventor). Issued 8-29-39.
2,172,865. Device for ensuring the automatic regulation of the delivery of hydraulic mains. Danel Pierre Francois (inventor); Ateliers Neyret Beylier and Piccard Pictet (grantee). Issued 9-12-39.
2,173,428. Hydraulic power transmission apparatus. Salerni Piero Mariano (inventor); Salerni Marie Therese Elisabeth (grantee). Issued 9-19-39.
2,181,475. Cable. Bourdon Pierre Marcel (inventor); Michelin et Cie (grantee). Issued 11-28-39.
2,182,104. Underwater goggles. Wilen Charles Henry et al. Kramarenko Alexandre (inventors). Issued 12-5-39.
2,183,637. Production of tubular metal cases such as cartridge cases. Biginelli Oreste (inventor). Issued 12-19-39.
2,186,450. Airport construction. Ducroux Rene (inventor). Issued 1-9-40.
2,192,572 Valve for pneumatic tires. Bourdon Pierre Marcel (inventor); Michelin et Cie (grantee). Issued 3-5-40.
2,194,412. Auxiliary winding for transformers. Trabut Jean Auguste (inventor). Soc Savoisienne de Constructions Electriques (grantee). Issued 3-19-40.
2,198,154. Safety device for the fixation of ski. Duret Marcel (inventor). Issued 4-23-40.
2,199,879. Process for the manufacture of armored electric heating elements. Deroche Andre (inventor). Issued 5-7-40.
2,202,575. Electrical cable and conductor and process for manufacturing the same. Deroche Andre (inventor). Issued 5-28-40.
2,204,683. Device for the simultaneous sterilization of a nursing bottle and its nipple. Lambert Georges (inventor). Issued 6-18-40.
2,207,479. Automatic gate. Danel Pierre Francois (inventor). Issued 7-9-40.
2,209,034. Physical education apparatus. Paul Rene (inventor). Issued 7-23-40.
2,210,779. Strip punching and verifying device. Ruche Edouard Francis (inventor). Issued 8-6-40.
2,213,810. Shock absorber. Faure Roux Charles (inventor); Etablissements Ch. Faure Roux (grantee). Issued 9-3-40.
2,214,293. Universal joint. D Aubarede Paul Charles Albert Marie (inventor). Issued 9-10-40.
2,214,319. Wheel. Bourdon Pierre Marcel (inventor); Michelin et Cie (grantee). Issued 9-10-40.
2,220,514. Engine mounting. D Aubarede Paul Charles Albert Marie (inventor). Issued 11-5-40.
2,220,752. Thermostatic switch. Blanc Aime (inventor). Issued 11-5-40.
2,226,163. Multicolor plate printing tissues or other matters. Dufour Jean Baptiste (inventor). Issued 12-24-40.
2,231,079. Phasing network. Longo Gustave (inventor). Issued 2-11-41.
2,231,808. Elastic thread and elastic fabric. Isaac Augustin (inventor); Dognin S A (grantee). Issued 2-11-41.
2,232,095. Portable bridge for tanks. Coder Joseph (inventor). Issued 2-18-41.
2,232,455. Spectacles or goggles. Hebrard Leon (inventor). Issued 2-18-41.
2,240,542. Tire. Bourdon Pierre Marcel (inventor); Michelin and Cie (grantee). Issued 5-6-41.
2,240,935. Sulphur trioxide. Lepin Maurice (inventor); Soc Rhodiaceta (grantee). Issued 5-6-41.
2,243,624. Thread guiding device for the winding of thread. Gazet Marius Bernard (inventor); Decombe Georges (grantee). Issued 5-27-41.
2,243,761. Sterilization of liquids. Matzka Wincenty (inventor). Issued 5-27-41.
2,247,035. Catalytic heating apparatus. Pravaz Henry (inventor). Issued 6-24-41.
2,247,749. Stabilizing device for terrestrial vehicles. De Venel Georges D Espinassy (inventor). Issued 7-1-41.
2,248,059. Truck mounting for pneumatic tired railway cars. Bourdon Pierre Marcel (inventor); Michelin et Cie (grantee). Issued 7-8-41.
2,265,197. Valve gear for internal combustion engines of the sleeve valve type. Schmid Ernest (inventor). Issued 12-9-41.
2,266,655. Surfacing roller for road facings. Naget Adolphe Leon (inventor). Issued 12-16-41.
2,268,929. Compressor or the like. Dupont Emile (inventor). Issued 1-6-42.
2,271,303. Shaft lubricating and sealing means. Moulet Jean Louis Leon Alexandre Albert (inventor); Moulet Martin and Cie (grantee). Issued 1-27-42.
2,276,686. Welt footwear. Chevalier Henri (inventor); Chaussures Unic Usines Fenestrier S A (grantee). Issued 3-17-42.
2,278,400. Fruit stoning machine. Chapelle Robert Alfred Henri Paul (inventor). Issued 3-31-42.
2,280,509. Means for assembling tubular elements. Cheron Rene Nicolas (inventor). Issued 4-21-42.

2,281,561. Weft control device for weaving looms. Diederichs Emile Charles Robert (inventor). Issued 5-5-42.
2,282,715. Process and apparatus for the decortication of ramie. Faure Andre (inventor). Issued 5-12-42.
2,286,079. Automatic machine for capsuling bottles. Gangloff Rene Louis (inventor). Issued 6-9-42.
2,288,513. Alloy. Canac Louis Henri Francois et al, Segol Emile Auguste Marie Antoine (inventors). Issued 6-30-42.
2,290,863. Gasoline economizer for combustion engines. Casanova Francois (inventor). Issued 7-28-42.
2,293,765. Hydraulic power transmission apparatus. Salerni Piero Mariano (inventor); Salerni Marie Therese Elisabeth (grantee). Issued 8-25-42.
2,293,766. Hydraulic power transmission apparatus. Salerni Piero Mariano (inventor); Salerni Marie Therese Elisabeth (grantee). Issued 8-25-42.
2,293,767. Hydraulic power transmission apparatus. Salerni Piero Mariano (inventor); Salerni Marie Therese Elisabeth (grantee). Issued 8-25-42.

[F. R. Doc. 43-5321; Filed April 5, 1943; 2:10 p. m.]

[Vesting Order 669]

PATENTS OF NATIONALS OF LATVIA

Under the authority of the Trading with the Enemy Act, as amended, and Executive Order No. 9095, as amended, and pursuant to law, the undersigned, after investigation:

1. Finding that the persons identified in Exhibit A attached hereto and made a part hereof as the inventors and grantees of the patents described in said Exhibit A, are residents of Latvia and are nationals of a foreign country (Latvia);

2. Finding that the owner or owners of each patent described in said Exhibit A are one or more of the persons identified therein as inventor or grantee of such patent;

3. Finding, therefore, that the property described as follows:

All right, title and interest, including all accrued royalties and all damages and profits recoverable at law or in equity from any person, firm, corporation or government for past infringement thereof, in and to the patents identified in said Exhibit A,

is property in which nationals of a foreign country (Latvia) have interests;

4. Having made all determinations and taken all action, after appropriate consultation and certification, required by said Executive Order or Act or otherwise; and

5. Deeming it necessary in the national interest;

hereby vests in the Alien Property Custodian the property hereinbefore described in subparagraph 3, to be held, used, administered, liquidated, sold or otherwise dealt with in the interest of and for the benefit of the United States.

Such property, and any or all of the proceeds thereof, shall be held in an appropriate special account or accounts, pending further determination of the Alien Property Custodian. This shall not be deemed to limit the powers of the Alien Property Custodian to return such property or the proceeds thereof, or to indicate that compensation will not be paid in lieu thereof, if and when it should be determined that such return should be made or such compensation should be paid.

Any person, except a national of a designated enemy country, asserting any claim arising as a result of this order may file with the Alien Property Custodian a notice of his claim, together with a request for a hearing thereon, on Form APC-1, within one year from the date hereof, or within such further time as may be allowed by the Alien Property Custodian. Nothing herein contained shall be deemed to constitute an admission of the existence, validity or right to allowance of any such claim.

The terms "national" and "designated enemy country" as used herein shall have the meanings prescribed in Section 10 of said Executive Order.

Executed at Washington, D. C. on January 18, 1943.

[SEAL] LEO T. CROWLEY,
Alien Property Custodian.

EXHIBIT A

1,805,472. Process and device for treating fuel air mixtures for internal combustion engines. Grivin Johann (inventor) Issued 5-19-31.
1,811,321. Aircraft landing and releasing apparatus. Kiwull Woldemar (inventor). Issued 6-23-31.
1,828,251. Device for taking up and setting down floating bodies particularly aircraft on or from platforms such as ships or landing stages. Kiwull Woldemar (inventor). Issued 10-20-31.
1,857,870. Indicating device for automatic balances. Raasche Gerhard (inventor); Raasche Firm Paul (grantee). Issued 5-10-32.
1,859,059. Automatic balance. Raasche Gerzhard (inventor); Raasche Paul Sohne (grantee). Issued 5-17-32.
1,871,166. Regenerator. Fahrbach Harry (inventor). Issued 8-9-32.
1,907,534. Electromagnetic device. Fritcsons Juris (inventor). Issued 5-9-33.
1,913,708. Device for carrying bombs and other heavy bodies on and releasing them from aircraft. Fritcson Juris et al, Viksne Arnold (inventors). Issued 6-13-33.
2,018,147. Safety razor. Pirwitz Emil (inventor). Issued 10-22-35.
2,211,586. Locking means. Schwarz Rudolf (inventor). Issued 8-13-40.
2,278,505. View finder for photographic apparatus. Zapp Walter (inventor); Valsts Elektrotechniska Fabrika (grantee). Issued 4-7-42.

[F. R. Doc. 43-5323; Filed, April 5, 1943; 2:07 p. m.]

[Vesting Order 670]

PATENTS OF NATIONALS OF LUXEMBOURG

Under the authority of the Trading with the Enemy Act, as amended, and Executive Order No. 9095, as amended, and pursuant to law, the undersigned, after investigation:

1. Finding that the owners of the patents and other property related thereto described in subparagraph 3 hereof are either the persons identified in Exhibit A attached hereto and made a part hereof as the grantees of such patents, respectively, or (in the cases only of those patents, if any, in connection with which no grantees are so identified) the persons identified in said Exhibit A as the respective inventors thereof;

2. Finding that each of such owners is a resident of Luxembourg, and therefore is a national of a foreign country (Luxembourg);

3. Finding, therefore, that the property described as follows:

All right, title and interest, including all accrued royalties and all damages and profits recoverable at law or in equity from any person, firm, corporation or government for past infringement thereof, in and to the patents identified in said Exhibit A,

is property of nationals of a foreign country (Luxembourg);

4. Having made all determinations and taken all action, after appropriate consultation and certification, required by said Executive Order or Act or otherwise; and

5. Deeming it necessary in the national interest;

hereby vests in the Alien Property Custodian the property hereinbefore described in subparagraph 3, to be held, used, administered, liquidated, sold or otherwise dealt with in the interest of and for the benefit of the United States.

Such property, and any or all of the proceeds thereof, shall be held in an appropriate special account or accounts, pending further determination of the Alien Property Custodian. This shall not be deemed to limit the powers of the Alien Property Custodian to return such property or the proceeds thereof, or to indicate that compensation will not be paid in lieu thereof, if and when it should be determined that such return should be made or such compensation should be paid.

Any person, except a national of a designated enemy country, asserting any claim arising as a result of this order may file with the Alien Property Custodian a notice of his claim, together with a request for a hearing thereon, on Form APC-1, within one year from the date hereof, or within such further time as may be allowed by the Alien Property Custodian. Nothing herein contained shall be deemed to constitute an admission of the existence, validity or right to allowance of any such claim.

The terms "national" and "designated enemy country" as used herein shall have the meanings prescribed in Section 10 of said Executive Order.

Executed at Washington, D. C., on January 18, 1943.

[SEAL] LEO T. CROWLEY,
Alien Property Custodian.

EXHIBIT A

RE21,374. Gear mechanism. Moineau Rene Joseph Louis (inventor); Soc. D Exploitation des Brevets, Moineau (grantees). Issued 6-29-37.
1,587,353. Brushing apparatus for washing the human body. Pfeufer Joseph (inventor). Issued 6-1-26.
1,757,916. Automobile door latch. Modo Michel (inventor). Issued 5-6-30.
1,770,651. Sheet metal pile unit. Mambourg Mathias (inventor). Issued 7-15-30.
1,806,068. Process for rendering homogeneous finely pulverized materials in large masses. Lepersonne Max et al, Hastert Edouard (inventors); S A des Ciments Luxembourgeois (grantee). Issued 5-19-31.
1,807,257. Process for heating in a gaseous atmosphere particularly in a reducing or oxidizing atmosphere. Schaefer Herbert (inventor). Issued 5-26-31.
1,857,695. Process for preparing resinous wood for digestion by the bisulphite process. Rosen Gotthard (inventor); La Cellulose Rosen S A (grantee). Issued 5-10-32.
1,889,190. Wet gas meter. Brandl Hans et al, Marischka Carl (inventors); Gasmesser B M A G (grantee). Issued 11-29-32.
1,900,787. Coupling or clutch for coaxial shafts. Baugnee Justin (inventor). Issued 3-7-33.

1,916,863. Method and apparatus for agglomerating metalliferous masses. Kroll Adolphe Victor (inventor). Issued 7-4-33.
1,921,961. Apparatus for connecting a source of acoustic waves with several listeners for a suitable time. Baze Maxima (inventor); Holding Internationale S A (grantee). Issued 8-8-33.
1,930,410. Reversing rolling mill. Baugnee Justin (inventor); Hauts Fourneaux & Acieries de Differdange St Ingbert Rurneange, S A Called Hadir (grantees). Issued 10-10-33.
1,930,420. Ingot tilter. De Donato Emile (inventor). Issued 10-10-33.
1,948,235. Electrolytic manufacture of iron and its alloys. Kelsen Ernst (inventor); Kelsen Special Sheet Holding S A (grantee). Issued 2-20-34.
1,956,139. Process for treating argillaceous material. Staufer Richard et al, Konopicky Kamillo (inventors); Alterra A G (grantee). Issued 4-24-34.
1,959,448. Process of extracting the impurities from mineral raw materials. Staufer Richard et al (inventors); Konopicky Kamillo, Alterra A G of Luxemburg (grantee). Issued 5-22-34.
2,077,617. Manufacture of rubber products. Cramer Pieter J S (inventor); Septa S A (grantee). Issued 4-20-37.
2,087,536. Means for coupling garbage pails with the tilting frames of garbage carts. Feidert Joseph (inventor). Issued 7-20-37.
2,107,988. Impulse transmitter. Kardorff Leon (inventor); Inventor Trust S A (grantee). Issued 2-8-38.
2,128,408. Radioactive protective apparatus such as lightning arresters and hail protectors. Grenier Pierre (inventor); International Holding Radial (grantee). Issued 8-30-38.
2,150,330. Automatic buffer coupling. Kurtossy Laszlo (inventor); Union Kupplung A G (grantee). Issued 3-14-39.
2,161,793. Reflector heater with sheathed electric heating elements. Beaucolin Constant (inventor). Issued 6-13-39.
2,166,577. Building suitable for countries liable to earthquakes. Beckius Antoine (inventor). Issued 7-18-39.
2,171,398. Apparatus for homogenizing powdered mixtures. Hastert Edouard (inventor). Issued 8-29-39.
2,187,341. Pneumatic distribution for two stroke internal combustion engines. Breslav Victor (inventor); Interna Holding S A (grantee). Issued 1-16-40.
2,188,716. Apparatus for projecting granular material. Jacobovics Julius (inventor). Issued 1-30-40.
2,189,867. Method of and apparatus for forming internal threads in a workpiece. Hagerman Gilbert H (inventor); Soc D Exploitation des Brevets, Moineau (grantees). Issued 2-13-40.
2,189,868. Apparatus for forming external threads in a workpiece. Hagerman Gilbert H (inventor); Soc D Exploitation des Brevets, Moineau (grantees). Issued 2-13-40.
2,201,071. Method of producing iron girders and very large T section iron. Baugnee Justin (inventor); Hauts Fourneaux & Acieres de Differdange St Ingbert Rumelange S A (grantees). Issued 5-14-40.
2,205,854. Method for manufacturing titanium and alloys thereof. Kroll Wilhelm (inventor). Issued 6-25-40.
2,206,365. Hair dressing comb. Pieper Paul (inventor). Issued 7-2-40.
2,212,921. Potential divider. Koros Laszlo (inventor); Stabilisator A G (grantee). Issued 8-27-40.
2,216,567. Centrifuging electrically heated furnace. Esnault Pelterie Robert (inventor); Spladis Soc Pour l Application d Inventions Scientifiques (grantees). Issued 10-1-40.
2,228,345. Engine cooling system. De Muyser Alfred (inventor); Alliance Industrielle & Financiere, Francaise S A (grantees). Issued 1-14-41.
2,229,376. Process for dehydrating and defatting water and oil containing substances. Fauth Philipp Lorenz et al, Reichert Joseph (inventors); Fauth Patent A G (grantee). Issued 1-21-41.
2,237,011. Simultaneous production of magnesium and low carbon ferroalloys. Pokorny Ernst A (inventor); Electrometal S A (grantee). Issued 4-1-41.
2,238,691. Horizontally sliding sash window frame. Francotte Joseph (inventor); Brevets Francotte Pour Chassis de Fenetres Metalliques S A en Abrege Francochass (grantees). Issued 4-15-41.
2,246,886. Manganese base alloy and method of making and using the same. Kroll William (inventor). Issued 6-24-41.
2,255,207. Treatment of whale blubber skins and the like. Fauth Philipp Lorenz Decd et al, Fauth Wilhelm Admr (inventors); Fauth Patent A G (grantees). Issued 9-9-41.
2,261,851. Iron alloy for cutting tools. Kluger Leo (inventor); Ferror Steel Corp (grantee). Issued 11-4-41.
2,266,064. Thermionic valve circuits. Muller Egon Nicolas (inventor). Issued 12-16-41.
2,266,065. Automatic tuning device for radio receivers. Muller Egon Nicolas (inventor). Issued 12-16-41.
2,274,734. Control apparatus for land marine & aerial vehicles. Esnault Pelterie Robert (inventor); Spladis Soc Pour l Application d Inventions Scientifiques (grantees). Issued 3-3-42.
2,278,147. Aircraft. Moineau Rene Joseph Louis (inventor); Soc d Exploitation des Brevets Moineau S A R L (grantees). Issued 3-31-42.

[F. R. Doc. 43-5324; Filed, April 5, 1943; 2:10 p. m.]

[Vesting Order 671]

Patents of Nationals of the Netherlands

Under the authority of the Trading with the Enemy Act, as amended, and Executive Order No. 9095, as amended, and pursuant to law, the undersigned, after investigation:

1. Finding that the owners of the patents and other property related thereto described in subparagraph 3 hereof are either the persons identified in Exhibit A attached hereto and made a part hereof as the grantees of such patents, respectively, or (in the cases only of those patents, if any, in connection with which no grantees are so identified) the persons identified in said Exhibit A as the respective inventors thereof;

2. Finding that each of such owners is a resident of The Netherlands, and therefore is a national of a foreign country (The Netherlands);

3. Finding, therefore, that the property described as follows:

All right, title and interest, including all accrued royalties and all damages and profits recoverable at law or in equity from any person, firm, corporation or government for past infringement thereof, in and to the patents identified in said Exhibit A,

is property of nationals of a foreign country (The Netherlands);

4. Having made all determinations and taken all action, after appropriate consultation and certification, required by said Executive Order or Act or otherwise; and

5. Deeming it necessary in the national interest;

hereby vests in the Alien Property Custodian the property hereinbefore described in subparagraph 3, to be held, used, administered, liquidated, sold or otherwise dealt with in the interest of and for the benefit of the United States.

Such property, and any or all of the proceeds thereof, shall be held in an appropriate special account or accounts, pending further determination of the Alien Property Custodian. This shall not be deemed to limit the powers of the Alien Property Custodian to return such property or the proceeds thereof, or to indicate that compensation will not be paid in lieu thereof, if and when it should be determined that such return should be made or such compensation should be paid.

Any person, except a national of a designated enemy country, asserting any claim arising as a result of this order may file with the Alien Property Custodian a notice of his claim, together with a request for a hearing thereon, on Form APC–1 within one year from the date hereof, or within such further time as may be allowed by the Alien Property Custodian. Nothing herein contained shall be deemed to constitute an admission of the existence, validity or right to allowance of any such claim.

The terms "national" and "designated enemy country" as used herein shall have the meanings prescribed in Section 10 of said Executive Order.

Executed at Washington, D. C. on January 18, 1943.

[SEAL] Leo T. Crowley,
Alien Property Custodian.

EXHIBIT A

RE18,122. Arrangement for exchanging energy between a current and a body therein. Flettner Anton (inventor); N. V. Instituut Voor Aero en Hydro Dynamiek (grantees). Issued 6-19-28.
RE21,335. Process for extracting ores and the like. Van es Adriaan Cornelis (inventor; N. V. Mij Voor Zwavelzuurbereiding, Voorheen G. T. Ketjen & Co. (grantees). Issued 1-3-39.
DE83,659. X-ray aggregate. Bolydingh Willem Hondius (inventor). Issued 3-17-31.
DE104,076. Design for a radiator cover. Liem See Thie (inventor). Issued 5-13-37.
DE128,496. Design for a vacuum cleaner. Malchus Johannes Andries Christiaan (inventor). Issued 7-29-41.
1,564,450. Davit. Schat Ane P (inventor). Issued 12-8-25.
1,564,913. Mechanism for moving and adjusting forms in typewriters. Van Duyl Hubertus (inventor); N. V. Kamatec (grantee). Issued 12-8-25.
1,565,604. Means for emptying a revolving open top centrifugal separator. Van Der Molen Evert (inventor). Issued 12-15-25.
1,565,605. Apparatus for removing material from the wall of a revolving centrifugal basket suspended from a vertical spindle. Van Der Molen Evert (inventor). Issued 12-15-25.
1,566,136. Shuttle changing mechanism for looms. Auerbach Max (inventor). Issued 12-15-25.
1,566,137. Feeler mechanism. Auerbach Max (inventor). Issued 12-15-25.
1,566,785. Vulcanizing fat substances. Van Der Meulen Johannes Hendrik (inventor). Issued 12-22-25.
1,567,308. Weighing jack for determining the wheel pressure of vehicles. Van Den Heuvell Abraham Van L. (inventor). Issued 12-29-25.

1,567,479. Vulcanizing mold for rubber footwear. Wilhelm I. Dirk Frans (inventor); Vereenigde Nederlandsche, Rubberfabrieken (grantees). Issued 12-29-25.

1,567,879. Loom. Vorster Bastiaan Carel August (inventor); Syndicate Soltman, C. S. (grantee). Issued 12-29-25.

1,568,036. Shuttle drive arrangement. Souczek Ferdinand (inventor); Vereinigde Textiel Mij Mautner (grantee). Issued 12-29-25.

1,569,131. Tourniquet. Nord Julius (inventor). Issued 1-12-26.

1,569,485. Cock provided with electric liquid heating means. Hanson Anton Frans Eduard (inventor); N. V. Fabriek Van Instrumenten En, Electrische Apparaten Inventum (grantees). Issued 1-12-26.

1,569,594. Fountain drawing pen. Van Doorn Anthonius Marinus (inventor). Issued 1-12-26.

1,571,128. Thrashing machine. Lucas Edmund Bernard (inventor). Issued 1-26-26.

1,573,062. Spinning viscose. Hartogs Jacques Coenraad (inventor). Issued 2-16-26.

1,573,196. Apparatus for lowering lifeboats. Schat Ane Pieter (inventor). Issued 2-16-26.

1,574,156. Process for manufacturing photographic glass pictures and the like with colored background. Kiesling Werner (inventor); N. V. H. Mij (grantee). Issued 2-23-26.

1,574,286. Clutch mechanism for sound reproducing machines and the like. Broenebaum Wilhelm (inventor); N. V. Financieele Mij Drievergen (grantee). Issued 2-23-26.

1,574,567. Device for steering aircraft. Flettner Anton (inventor). Issued 2-23-26.

1,574,677. Ejector for the delivery of gas and air in large quantities. Mulder Jakob et al (inventor); Endert Dirk Christiaan (grantee). Issued 2-23-26.

1,574,783. Process and device for regenerating water of aquaria. Beth Evert Willem (inventor). Issued 3-2-26.

1,577,541. Bailer. Rhinelander Harry William (inventor). Issued 3-23-26.

1,577,981. Resistance element. Otto Wolfgang (inventor); Nederlandsche Technische Handel, Mij Giro The (grantees). Issued 3-23-26.

1,578,583. Davit. Ceelen Jan (inventor); Rotterdamsche Machinefabriek Braat (grantee). Issued 3-30-26.

1,578,603. Electric heating apparatus for liquids. Henneman Karel Frederik (inventor); Kerkhoven Pieter (grantee). Issued 3-30-26.

1,579,456. Davit. Schat Ane Pieter (inventor). Issued 4-6-26.

1,579,694. Typewriter type. Fischer Oskar (inventor); N V Machina Mij Voor Handel en Industrie (grantee). Issued 4-6-26.

1,579,761. Gas valve Hackstroh Pieter Augustus et al, Marinus Van Keulen Otto (inventors). Issued 4-6-26.

1,581,114. Apparatus comprising Perkins tubes. Haag Jacobus (inventor). Issued 4-20-26.

1,582,863. Manufacture of artificial silk. Zwartz David Gerard (inventor); N V Nederlansche Kunstzijoefabriek (grantee). Issued 4-27-26.

1,584,380. Weighing device with carrier. Krabbendam Cornelis Adriaan et al, Linn Pieter Hendrik (inventors). Issued 5-11-26.

1,584,660. Ciphering device. Scherbius Arthur (inventor); N V Ingenieursbureau Securitas (grantee). Issued 5-11-26.

1,585,133. Steering device for trailers. Van Der Hof Hermanus (inventor); N V Internationale Truck & Trailer, Cie Internationale Vracht en, Aanhangwagen Mij (grantees). Issued 5-18-26.

1,585,658. Tabulation mechanism of typewriting machines. Fischer Oskar (inventor); N V Machina Mij Vor Handel, En Industrie (grantees). Issued 5-25-26.

1,585,998. Deep printing form and process for preparing same. Levisson Levie (inventor). Issued 5-25-26.

1,587,108. Safety lock. Eras Vincent Joseph Marie (inventor). Issued 6-1-26.

1,587,154. Switch for electric water heating apparatus. Thennemán Karel Frederik (inventor); Kerkhoven Pieter (grantee). Issued 6-1-26.

1,589,039. Gyroscopic apparatus. Anschutz Kaempfe Hermann (inventor); Nederlandsche Technische Handel Mij Gero (grantee). Issued 6-15-26.

1,589,791. Pressure frame for sliding windows. Dannehl Otto (inventor); N V Machinerieen en Apparaten Fabrieken (grantee). Issued 6-22-26.

1,590,153. Coupling device. Brucker Rudolf (inventor). Issued 6-22-26.

1,590,161. Furnace for chemical reactions. Hamburger Looewijk et al, Prins Eugene Charles (inventors); N V Stikstofbindingsindustrie, Nederland (grantee). Issued 6-22-26.

1,590,881. Widthing machine for planks and laths. Brouwer Jacobus (inventor); N. V. Arnold, I. Van Den Bergh, S. Emballage Fabrieken (grantees). Issued 6-29-26.

1,591,005. Apparatus for the mechanical assembling of statistical cards bearing corresponding data. Stuivenberg Cornelis Hendricus (inventor); N. V. Kamatec grantee). Issued 6-29-26.

1,591,151. Manufacture of alkyl halides. Wibaut Johan Pieter (inventor). Issued 7-6-26.

1,592,628. Receiving of wireless signals. Einthoven Willem Frederik (inventor); Nederlandsch Indie (grantee). Issued 7-13-26.

1,593,363. Apparatus for determining the angular position of an object. Schoute Cornelis (inventor). Issued 7-20-26.

1,594,703. Advertising device. Ballerini Fernando (inventor); Van Leer Bernard (grantee). Issued 8-3-26.

1,594,704. Cigarillo manufacturing machine. Bargeboer Adolf (inventor). Issued 8-3-26.

1,596,779. Daylight developing tank for roll films. Van Den Boogaardt Hendricus, et al., Jacobus Johannes, Hagg Leendert Johannes, Franciskus (inventors); Van Den Boogaardt (grantee). Issued 8-17-26.

1,596,780. Package for flat films forming a changer. Van Den Boogaardt Hendricus, Jacobus Johannes (inventors); N. V. Tot Exploitatie, Van Den Boogaardt, S. Octrooi (grantees). Issued 8-17-26.

1,597,170. Process of making objects from unvulcanized rubber and objects from unvulcanized rubber. Van Der Mark Arnold Roedolf, et al., Frans, Kremer Hein (inventors). Issued 8-24-26.

1,597,478. Spraying device for vaporizing plants. Petersen Alfred Otto Hermann (inventor); N. V. Nederlandsche Installatie Mij Therma (grantee). Issued 8-24-26.

1,598,985. Process for removing hydrogen sulphide from gases. Petit Theodorus Petrus Ludovicus (inventor). Issued 9-7-26.

1,599,008. Firearm. Diener Kurt (inventor); N. V. Union Mij Voor Automatische Metaalbewerking (grantee). Issued 9-7-26.

1,599,297. Shuttle checking mechanism for weaving looms. Souczek Ferdinand (inventor); Vereenigde Textiel Maatschappijen Mautner (grantee). Issued 9-7-26.

1,599,502. Centrifugal separator. Thomassen Hermanus (inventor). Issued 9-14-26.

1,601,651. Colored composition particularly suitable for dactyloscopic purposes. Selier Charles Louis Guillaume (inventor). Issued 9-28-26.

1,602,284. Transition coupling device. Perdijk Pieter (inventor). Issued 10-5-26.

1,602,494. Heat transmitting tube of steam generators. Jonker Zeger Jan Hendrik (inventor). Issued 10-12-26.

1,604,137. Steering device for vehicle trains. Van Der Hof Hermanus (inventor); N. V. Internationale Truck & Trailer Cie (grantee). Issued 10-26-26.

1,604,153. Process of recovering iodides from adsorptive charcoal containing iodine. Ellinger Frits (inventor); Bouw Mij (grantee). Issued 10-26-26.

1,604,280. Steam generating and superheating plant. Haag Jacobus (inventor). Issued 10-26-26.

1,604,920. Device for tensioning a trap. Kroon Jacobus Piet Henri (inventor). Issued 10-26-26.

1,606,095. Process for manufacturing stuff pictures. Obelt Maria Antonie Van Heemstede (inventor). Issued 11-9-26.

1,607,630. Heat transmitting tube of steam generators. Jonker Zeger Jan Hendrik (inventor). Issued 11-23-26.

1,608,321. Apparatus for arc welding. Kassteen Willem (inventor). Issued 11-23-26.

1,610,226. Process for the manufacture of dry well preserved rubber from latex. Ali Cohen Eduard Salomon (inventor). Issued 12-14-26.

1,610,997. Fuel pump for internal combustion ngines. Cafferata Domenico Luis Hendrikus (inventor). Issued 12-14-26.

1,613,165. Apparatus for operating fire engines. Gordijn Cornelius, Jr. (inventor); N. V. Kopergieterij Appendage En Pompen Fabriek Van G. Dikkers & Co. (grantee). Issued 1-4-27.

1,613,367. Means for launching ships boats. Vreugdenhil Adrianus (inventor). Issued 1-4-27.

1,615,509. Apparatus for indirectly laying antiaircraft guns. Grotendorst Willem Frederik (inventor). Issued 1-25-27.

1,615,510. Tabular calculating apparatus particularly for use in the laying of ordnance. Grotendorst Willem Frederik (inventor). Issued 1-25-27.

1,615,511. Instrument for correcting the line of fire of ordnance. Grotendorst Willem Frederik (inventor). Issued 1-25-27.

1,615,962. Arrangement to protect running trains. Spanninga Stoffer Aller (inventor). Issued 2-1-27.

1,616,280. Amusement or game device. Prins Anton (inventor). 2-1-27.

1,617,962. Process of and apparatus for macerating sugar containing materials. Nobel Nicolaas (inventor). Issued 2-15-27.

1,618,345. Double acting two stroke internal combustion engine. Kuyken Pieter (inventor). Issued 2-22-27.

1,618,519. Twisting device. De Roysancour Otto George Johan Struycken (inventor). Issued 2-22-27.

1,619,042. Apparatus for treating liquids with decolorizing purifying and filtering agents and for separating undissolved substances from liquids. Sauer Johan Nicolaas Adolf (inventor). Issued 3-1-27.

1,620,967. Electric circuit making and breaking relay. Hase Rudolf (inventor); N. V. Finanzieele Mij Driebergen The (grantee). Issued 3-15-27.

1,621,077. Three roller sugar cane mill with a particularly arranged feed roller. Jan Meesters Abraham Marie (inventor); N. V. Constructie Atelier Der Vorstenlanden (grantee). Issued 3-15-27.

1,621,911. Weighing screw jack for determining the wheel pressure of vehicles. Van Den Heuvell Abraham Van L. (inventor). Issued 3-22-27.

1,622,132. Sash holder. Dannehl Otto (inventor); N. V. Machinerieen En Apparaten Fabrieken (grantee). Issued 3-22-27.

1,622,467. Oil well jack. Rhinelander, Harry W. (inventor). Issued 3-29-27.

1,622,888. Packing device for use with pistons and piston valves. Smits Theodorus (inventor). Issued 3-29-27.

1,624,066. Condensing apparatus. Petersen Alfred Otto Hermann (inventor); N. V. Nederlandsche Installatie Mij Therma (grantee). Issued 4-12-27.

1,625,066. Method of making decorative material from peat. Viersen Tiete (inventor). Issued 4-19-27.

1,625,727. Brake device. Jonkhoff Henri Wouter (inventor). Issued 4-19-27.

1,625,954. Furnace. Van Der Does De Bije Anne Jacobus, Mathys August Ridder (inventors). Issued 4-26-27.

1,627,343. Process of an apparatus for treating liquids with purifying and decolorizing agents. Sauer Johan Nicolaas Adolf (inventor). Issued 5-3-27.

1,627,452. Process for making fatty acids from hydrocarbons. Potaky Walther Cornelius Harry, et al, Wellensteijn Frederik Jan (inventors). Issued 5-3-27.

1,627,773. Frame for typewriting machines. Fischer Oskar (inventor), N. V. Machina Mij Vor Handel En, Industrie (grantees). Issued 5-10-27.

1,628,244. Spoolless twine ball cross wound bobbin or the like. Hoos Willem (inventor), N. V. Vereenigde Touwfabrieken (grantee). Issued 5-10-27.

1,628,677. Device for graphically indicating information on plans, maps, charts, or the like. Morichard Jean Henri Adrien (inventor). Issued 5-17-27.

1,628,806. Diathermy device. Reijnders Franciscus Henricus (inventor), N. V. Nederlandsche Seintoestellen, Fabriek (grantees). Issued 5-17-27.

1,631,564. Valve for making connection between underground main piping and underground branch piping. Van Raalte Diederik Lodewijk Hendrik (inventor). Issued 6-7-27.

1,631,924. Sound damper. De Brey Heinrich Willem Karel (inventor). Issued 6-7-27.

1,632,264. Engine starting device. Avis August (inventor). Issued 6-14-27.

1,632,973. Advertising device. Johanknegt Jan Coenraad (inventor). Issued 6-21-27.

1,633,623. Automatic weighing apparatus with tare weighing. Boulogne Baltus (inventor). Issued 6-28-27.

1,634,002. Composition for impregnating fibrous materials. Tom Willem (inventor). Issued 6-28-27.

1,634,154. Process for treating liquids. Lourens Cornelis (inventor), N. V. Algemeine Norit Mij, known as General Norit Co., Ltd. (grantee). Issued 6-28-27.

1,635,208. Electric arc welding apparatus. Ezendam Jan Hendrik (inventor); N. V. Industrie En H. Mij, V. H. Harms & Co. (grantees). Issued 7-12-27.

1,636,059. Device for launching boats on board of vessels. Jurriaanse Nicolaas Van Wijck (inventor). Issued 7-19-27.

1,636,109. Attaching device. Plomp Hendrik (inventor). Issued 7-19-27.

1,637,412. Safety device for apparatus for forced lubrication in combustion engines. Eilers Jan (inventor); Ie Tjoen Siang (grantee). Issued 8-2-27.

1,638,205. Ash tray with pedestal. Karbus Fernand (inventor); Turmac Turkish Macedonian Tobacco Co. (grantee). Issued 8-9-27.

1,638,896. Hair waving or curling device. Van Dijk Louis Henry Guillaume (inventor). Issued 8-16-27.

1,639,208. Steam trap. Basenau Frederik (inventor). Issued 8-16-27.

1,640,381. Calculating machine. Stuivenberg Cornelis Henricus (inventor); N. V. Kamatec (grantee). Issued 8-30-27.

1,640,629. Central heating installation. Van Der Woude Derk (inventor). Issued 8-30-27.

1,641,053. Process for the manufacture of active carbon. Sauer John Nicolaas Adolf (inventor). Issued 8-30-27.

1,641,394. Exhaust and like silencer. Martin William Hamilton (inventor). Issued 9-6-27.

1,642,346. Change speed gear for rotation in two directions and with direct coupling, neutral position, and brake. Uytjens Hendricus Franciscus Hubertus (inventor). Issued 9-13-27.

1,642,354. Textile machine. Auerbach Max (inventor). Issued 9-13-27.

1,643,059. Method of preparing asphalt slabs and sheets. De Both Franciscus Cornelius Josephus (inventor). Issued 9-20-27.

1,643,633. Open-end wrench of the adjustable jaw type. Van Eck Jacob (inventor). Issued 9-27-27.

1,644,801. Method of treating wood. Van Der Werff Auke Hermannus (inventor); N. V. Mij Ago (grantee). Issued 10-11-27.

1,646,021. Printing apparatus for printing India rubber balloons in an inflated condition. Grosser Hans (inventor); United States Import House Emanuel Van Dam (grantee). Issued 10-18-27.

1,646,688. Automatic door latching device. De Vleeschouwer Camille (inventor). Issued 10-25-27.

1,647,132. Machine for the treatment of cocoa mass and the like. Hillen Johannes Albertus, Vincentius Maria (inventor). Issued 11-1-27.

1,648,382. Apparatus for indicating variations of immersion depth of ships and the weight of ships cargoes. Froger Henricus (inventor); Commanditaire V. Froger S., Electriciteits Mij (grantee). Issued 11-8-27.

1,652,709. Stamping or printing device. De Waart Adrianus Cornelis (inventor). Issued 12-13-27

1,652,888. Automatic lighting device for motor cars. Ter Cock Chris (inventor). Issued 12-13-27.

1,653,138. Process for the manufacture of a textile material from vegetable raw material. Van Diggelen Johannes Glazinus Marie (inventor); N. V. Octrooi Mij Vede Corp (grantee). Issued 12-20-27.

1,653,785. Compressed air brake apparatus for motor vehicles. Sauveur Harry, Kollinek Theodor (inventors); H. Mij et al, H. Albert De Bary & Co. (grantees). Issued 12-27-27.

1,654,211. Lubricating device for vertical electromotors. Hofstede Crull Rento Wolter Hendrik (inventor); N. V. De Vereenigde Ijzerfabrieken De Vijf (grantee). Issued 12-27-27

1,654,407. Automatic weighing apparatus with weighing carrier. Boulogne Baltus (inventor). Issued 12-27-27.

1,654,621. Flying machine landing light. Van Vloten Pieter Van Braam, et al. Kiebert Emil (inventors); N. V. Machinerieen en Apparaten Fabrieken (grantee). Issued 1-3-28.

1,654,814. Common truck for two loading platforms. Jonkhoff Henri Wouter (inventor). Issued 1-3-28.

1,656,089. Ship hatch. Trouwborst Pieter Cornelis, et al, Arts Petrus Johannes, Theddous, Schuurman William Hendrik, Anton Elink (inventors). Issued 1-10-28.

1,656,119. Method of making and spinning derivatives of cellulose and formic acid. Jurling Jan Gerard (inventor); Fabriek Van Chemische Producten (grantee). Issued 1-10-28.

1,657,380. Process of preparing fats of a plastic and lithe consistency. Ersley Knud (inventor). Issued 1-24-28.

1,657,422. Writing machine. Van Beek Hendrik Jean (inventor). Issued 1-24-28.

1,658,100. Pipe joint. Rijns Jacobus Willebrordus (inventor). Issued 2-7-28.

1,658,511. Switch. Bruynis Carel (inventor). Issued 2-7-28.

1,658,537. Stratigraphic measuring instrument. Reinhold Thomas (inventor). Issued 2-7-28.

1,660,913. Rotary pump. Brons Jan (inventor); N. V. Appingedammer (grantee); Bronsmotorenabriek (grantee). Issued 2-28-28.

1,661,139. Stretcher sleeping or sick frame. Mesman George Louis (inventor). Issued 2-28-28.

1,661,140. Process of sterilizing vegetable products. Nell Pieter Johannes Gerardus et al (inventor); Schouten Dirk Jan (grantee). Issued 5-15-28.

1,661,170. Electric driving system. Drukker Jacob (inventor). Issued 3-6-28.

1,662,039. Container for cravats or neckties. Heynen Jan Joseph Antoine (inventor). Issued 3-6-28.

1,663,626. Railway vehicle. De Iongh Johan Hendrik (inventor). Issued 3-27-28.

1,663,638. Scavenging device for double acting two stroke internal combustion engines. Lugt Gerard Johan (inventor); N. V. Nederlandsche Fabriek Van Wertuigen en Spoorwegmaterieel Genaamd Werkspoor (grantees). Issued 3-7-28.

1,663,892. Can body forming machine. Van Haasteren Johannes Martinus (inventor); N V de Komeet (grantee). Issued 3-27-28.

1,664,799. Apparatus for onward movement in swimming attitude in the water. Van Alphen Rudolf Pieter (inventor). Issued 4-3-28.

1,665,931. Distribution of liquors. Noeggerath Jacob Emil (inventor). Issued 4-10-28.

1,666,054. Portable cabinet talking machine. De Brey Heinrich Willem Karel (inventor). Issued 4-10-28.

1,667,368. Apparatus for automatically igniting flash light powder. Bakker Pieter Jan (inventor). Issued 4-24-28.

1,667,426. Gas treating process. Lourens Cornelis (inventor); General Norit Co Ltd (grantee). Issued 4-24-28.

1,667,439. Apparatus for purifying and simultaneously sterilizing water or other liquids or gases. Sauer Johan Nicolaas Adolf (inventor). Issued 4-24-28.

1,669,241. Machine gun. Henneveld Jacobus (inventor). Issued 5-8-28.

1,670,621. Gun support. Henneveld Jacobus. (inventor). Issued 5-22-28.

1,672,459. Process and apparatus for the distillation and cracking of hydrocarbon oils. Jansen Hermanus Johannus (inventor). Issued 6-5-28.

1,672,665. Process and apparatus for the manufacture of artificial silk and other artificial textile products from cellulose solution by the dry or evaporative method. Vles Samuel Isidor et al, Bouman Martinus Petrus Antonius (inventors); N V Nederlandsche Kunstzijdefabriek (grantee). Issued 6-5-28.

1,672,757. Steam boiler cleaning tool. Gabrielse Stefanes (inventor); Handels V Firma Gabrielse and Co (grantee). Issued 6-5-28.

1,674,169. Arrangement for exchanging energy between a current and a body therein. Flettner Anton (inventor); N V Instituut Voor Aeroen Hydro Dynamiek (grantee). Issued 6-19-28.

1,674,179. Process for the manufacture of fuel briquettes. Rudeman Louis (inventor). Issued 6-19-28.

1,674,832. Construction and mounting of the cylinder of a double acting two stroke motor. Lugt Gerard Johan (inventor); N V Nederlandsche Fabriek, Van Werktuigen en Spoor Weg, Materieel Genaamd Werkspoor (grantees). Issued 6-26-28.

1,674,888. Glass grinding and polishing machine. Cleton Johannes Jr (inventor). Issued 6-26-28.

1,677,032. Electrical heating and cooking apparatus. Kaffer Joan Willem Jules (inventor). Issued 7-10-28.

1,678,334. Keyboard for typewriting machines. Fischer Oskar (inventor); N V Machina Mij Vor Handel en Industrie (grantees). Issued 7-24-28.

1,678,752. Insulating cap for the joints of electrical conductors. Van Gelderen Frederik Marinus (inventor). Issued 7-31-28.

1,679,038. Aeroplane with three centers of propulsion arranged in a triangle. Koolhovens Sytse Frederick Willem (inventor). Issued 7-31-28.

1,679,678. Ventilating device for tank vessels. Mulder Jakob et al (inventor); Endert Dirk Christiaan Jr (grantee). Issued 8-7-28.

1,679,830. Liquid fuel burner. Lang Adolf (inventor). Issued 8-7-28.

1,681,600. Process of preparing alkali metal alcoholates of compounds containing alcoholic hydroxyl groups. Van Loon Christiaan (inventor). Issued 8-21-28.

1,683,521. Process of treating water. Bourgognion Julianus et al, Wilhelm Meuser (inventors); Philips Carl Ludwig (grantee). Issued 9-4-28.

1,684,317. Arc welding system. Harms Johannes Frans Karel (inventor); Jonkheer Meester Doctor Jelle, Roelof Clifford Kocq Van Breugel (grantees). Issued 9-11-28.

1,684,364. Method for weaving textile fabrics. Seckel Gerrit Jan (inventor). Issued 9-11-28.

1,687,845. Driving gear for the bucket chains of dredgers. Nachenius Henri Arnold Johannes de Bijll (inventor). Issued 10-16-28.

1,689,262. Planting machine for cabbage and other plants. Van Den Thomas (inventor). Issued 10-30-28.

1,689,675. Furnace burning pulverized fuel. Lulofs Warner (inventor). Issued 10-30-28.

1,689,734. Process of direct reduction of iron ores. Levoz Toussaint (inventor); N V H Mij Feriron (grantee). Issued 10-30-28.

1,690,059. Hard court for tennis and the like. Eilers Gerard Johannes (inventor). Issued 10-30-28.

1,690,640. Manufacture of sulphurized derivatives of phenols. Kraus Emil (inventor); Fabriek Van Chemische Producten Schiedam (grantees). Issued 11-6-28.

1,690,641. Manufacture of new sulphurized derivatives of naphtols. Kraus Emil (inventor); Fabriek Van Chemische Producten Schiedam (grantees). Issued 11-6-28.

1,692,364. Training mechanism for guns. Akemann Walther (inventor); N V. Hazemeyer S Signal Apparaten (grantee). Issued 11-20-28.

1,692,536. Feeding device. Bargeboer Adolf (inventor). Issued 11-20-28.

1,693,496. Automobile brancard. Riemvis Wilhelm Frans (inventor). Issued 11-27-28.

1,694,605. Testing lamp for heavy current installations. Schleper Johannes Franciscus (inventor). Issued 12-11-28.

1,695,620. Computing scale. Van Berkel Cornelis Franciscus Maria (inventor); N V Mij Tot Veraardiging Van, Snijmachines Volgens Van Berkel, Patent En Van Andere Werktuigen (grantees). Issued 12-18-28.

1,695,668. Electrical registering device. Siebers Willibald (inventor). Issued 12-18-28.

1,695,763. Apparatus for machining polygonal parts on ordinary lathes. Hofstee Albert Cornelis (inventor). Issued 12-18-28.

1,698,141. Apparatus for transferring and multiplying on photographic wax images upon printing plates. Mortelmans Franciscus Gomarus et al (inventors); Meijer Willem Johannes (grantee). Issued 1-8-29.

1,698,352. Device for suspending irons from the movable arms of ironing machines. Tol Hermanus Franciscus (inventor). Issued 1-8-29.

1,699,458. Ironing machine. Tol Hermanus Franciscus (inventor); N. V. Machinefabriek Reineveld (grantee). Issued 1-15-29.

1,699,575. Method of granulating molten slag. Spies Friedrich Wilhelm Emil (inventor). Issued 1-22-29.

1,699,909. Machine for sorting fruit vegetables and products of like nature. Olieman Willem (inventor). Issued 1-22-29.

1,700,642. Apparatus for indicating and determining the point of entrance of fluids in bore holes. Meindersma Wigger (inventor). Issued 1-22-29.

1,700,985. Process and device for joining finishing and final insulating wire terminals of electrical conductors. Jasper Christiaan Hendrik (inventor); N. V. Electricitats Mij Electrostoom (grantee). Issued 2-5-29.

1,702,182. Closing sealing of bottles. Van Vlijmen Joannes Maria Bernardus (inventor). Issued 2-12-29.

1,703,085. Measuring apparatus. Ankersmit Otto Arnold (inventor). Issued 2-26-29.

1,704,792. Process and apparatus for splitting coal oils and other hydrocarbons. Debo Arno (inventor); Internationale Bergin Cie Voor Olie, E. N. Kolen Chemie (grantees). Issued 3-12-29.

1,705,214. Apparatus for spraying molten substances. Versteeg Hendrik Johan (inventor); Jung Christiaan Johan (grantee). Issued 3-12-29.

1,706,208. Electric heating element. Blik Jozeph (inventor); N. V. Technisch Handels Bureau Thabur (grantee). Issued 3-19-29.

1,706,216. Apparatus for attaching knife edges to scale parts. D. E. Brouckere Leon (inventor); N V Mij Tot Veraardiging Van Snijmachines Volgens Van Berkel, Patent En Van Andere Werktuigen (grantees). Issued 3-19-29.

1,707,180. Display rack on tray. Tacoma Johannes et al, De Vleeschouwer Camille (inventors). Issued 3-26-29.

1,707,389. Automatic weighing device for liquids. Destree Charles Arent (inventor). Issued 4-2-29.

1,709,175. Process and means for sterilizing liquid substances. Huygen Frederic Constant (inventor). Issued 4-16-29.

1,709,269. Two stroke combustion engine. Kuhnast Oswald (inventor). Issued 4-16-29.

1,709,284. Process for the regeneration or revivification of purifying filtering and decolorizing agents. Sauer Johan Nicolaas et al, Adolf Dec, Tervooren Honore Amand, Pedro Marie Rep (inventors); N. V. Algemeene Norit Mij (grantee). Issued 4-16-29.

1,709,299. Tobacco feeding device. Bargeboer Adolf (inventor). Issued 4-16-29.

1,709,529. Device for preventing the boiling over of liquids which produce foam when boiling. Heynis Dirk (inventor). Issued 4-16-29.

1,710,125. Weighing scale. Van Berkel Cornelis F. M. (inventor); N. V. Mij Tot Vervaardiging Van, Snijmachines Volgens Van Berkel, Patent En Van Andere Werktuigen (grantees). Issued 4-23-29.

1,711,124. Indicating means for compass cards. Otto Wolfgang (inventor); Nederlandsche Technische Handel Miji Giro (grantee). Issued 4-30-29.

1,712,641. Process for extracting metals from their compounds. Aarts Christianus Josephus Godefridus (inventor). Issued 5-14-29.

1,713,681. Process plant and apparatus for the industrial treatment of coconuts and their constituents particularly coconut fibers. Van Der Jagt Barend Gysbertus Hendrikus (inventor); Van Der Bergh Dr Zadok, Van Kuyk Frederick Adrianus Johannes (grantees). Issued 5-21-29.

1,713,910. Apparatus for removing liquid residues from tanks, pipe systems, and the like. Mulder Jakob et al, Endert Dirk Christiaan, Jr (inventors). Issued 5-21-29.

1,713,911. Process for removing liquid residues from tanks and pipe systems. Mulder Jakob et al, Endert Dirk Christiaan Jr (inventors). Issued 5-21-29.

1,713,936. Slicing machine. Van Berkel Johannes Cornelis (inventor); N. V. Mij Tot Veraardiging Van, Snijmachines Volgens Van Berkel, Patent En Van Andere Werktuigen (grantees). Issued 5-21-29.

1,714,452. Self contained automatic tackle. Schat Ane P (inventor). Issued 5-21-29.

1,715,439. Manufacture and use of absorbing agents containing silica. Van Nes Gerhard Elias (inventor). Issued 6-4-29.

1,715,453. Carburetor. Goddyn Johannes (inventor). Issued 6-4-29.

1,716,410. Horsehoe. Austermann Josef Bernard (inventor). Issued 6-11-29.

1,717,173. Refrigerating apparatus. Slager Willem Age (inventor); Kodowa Refrigerator Co Ltd (grantee). Issued 6-11-29.

1,717,266. Process of producing wood pulp. Schouten Frans Karel Louis (inventor). Issued 6-11-29.

1,718,093. Process for extracting theobromine from natural products. Van Dorp Gerhard Carel Adriaan (inventor); N V Soc Voor Chemische Industrie Katwijk (grantee). Issued 6-18-29.

1,719,438. Apparatus for separating the fibers of twisted ropes of crin vegetal and the like material. Meyneken Frederik Adriaan Witlich (inventor). Issued 7-2-29.

1,719,457. Weighing apparatus. Van Duyn Adrianus (inventor); N V Mij Tot Veraardiging Van, Snijmachines Volgens Van Berkel, Patent En Van Andere Werktuigen (grantees). Issued 7-2-29.

1,719,757. Steam or other fluid engine. Wilton Van Reede Adrianus Anthony (inventor). Issued 7-2-29.

1,720,899. Sound reproducing machine. Herklots Johannus G M (inventor). Issued 7-16-29.

1,721,528. Drawing frame. Nigrin Rudolf (inventor); Vereenigde Textiel Mij En, Mautner N V (grantees). Issued 7-23-29.

1,722,185. Prepayment water meter. Van Kleef Jan (inventor). Issued 7-23-29.

1,723,216. Hollow pole. Stam Martinus Joannes (inventor). Issued 8-6-29.

1,724,747. Process of preparing vitrified material. Cochius Petrus M. (inventor); N. V. Glasfabriek Leerdam Voorheen, Jeekel Mijnssen & Co. (grantees). Issued 8-13-29.

1,724,966. Illuminating means for scale indicators. Rienks William (inventor); N. V. Mij. Tot Vervaardiging Van, Smjmachines Volgens Van Berkel S, Patent en Van Andere Werktuigen (grantees). Issued 8-20-29.

1,725,023. Pole footing. Stam Martinus Joannes (inventor). Issued 8-20-29.

1,725,114. Wire stripper. Van Gelderen Frederik Marinus (inventor). Issued 8-20-29.

1,726,087. Camera. Trines Clemens Hubertus (inventor). Issued 8-27-29.

1,726,215. Method of applying or laying asphalt plates. De Both Franciscus C. J. Deco (inventor); De Both Jacobus J. D., Admr. (grantee). Issued 8-27-29.

1,726,451. Process for removing albuminous substances from saccharine juices, including molasses. Pohlmann Jacob et al. Rassers Jacobus Renardus Frederik (inventors). Issued 8-27-29).

1,727,261. Process of manufacturing cyanides. Wiederhold Hermann (inventor); N V Nederlandsche Mijnbouw en H Mij (grantee). Issued 9-3-29.

1,727,738. Purification of liquids containing sugar. Van Nes Gerhard Elias (inventor). Issued 9-10-29.

1,729,676. Device for driving a fin shaped propeller. Meindersma Wigger (inventor); Findriven Syndicaat (grantee). Issued 10-1-29.

1,729,943. Treatment by pressure and heat of heavy mineral oils and carbon material. Hofsass Max (inventor); Internationale Bergin Cie Voor Olieen Kolen Chemie G Gravenhage (grantees). Issued 10-1-29.

1,730,782. Device for preventing and counter acting the warping of woodwork such as doors. Reens Max Alexander (inventor). Issued 10-8-29.

1,731,375. Combined adjustable desk and seat. Engers Arnold (inventor). Issued 10-15-29.

1,731,553. Apparatus for cutting openings in deep well casings. Van Keulen Goderridus Hendrikus Clerkx (inventor). Issued 10-15-29.

1,731,844. Firearm. Diener Kurt (inventor); N. V. Union Mij Voor Automatische Metaalbewerking (grantee). Issued 10-15-29.

1,732,026. Process for the preparation of milk, skimmed milk or buttermilk free of milk sugar. Pohlmann Jacob et al., Rassers Jacobus Renardus Frederik (inventors). Issued 10-15-29.

1,734,781. Alarm circuit system. Snyders Gysbertus Cornelis et al., Gordyn Cornelius, Jr., Van de Kamp Jan, Maitland Charles Edward Adrianus (inventors). Issued 11-5-29.

1,734,839. Brake apparatus for vehicles. Van Leer Alexander Izaak (inventor). Issued 11-5-29.

1,736,124. Machine for spreading granular material. Meijer Johan Hendrik (inventor). Issued 11-19-29.

1,737,501. Apparatus with siphon mechanism for delivering different predetermined quantities of liquid. Kajanoff Philippe (inventor). Issued 11-26-29.

1,738,661. Mowing machine. Michels Johann Mathias (inventor). Issued 12-10-29.

1,739,566. Manufacture from latex of an artificial gutta percha and a nonhygroscopic rubber. Ali Cohen Eduard Salomon (inventor). Issued 12-17-29.

1,739,644. Double acting motor. Lugt Gerard Johan (inventor); N. V. Nederlandsche Fabriek Van, Werktuigen en Spoorwegmaterieel, Genaamd Werkspoor (grantees). Issued 12-17-29.

1,740,123. Alarm circuit system. Snyders Gysbertus Cornelis et al., Gordyn Cornelius, Jr., Van de Kamp Jan, Maitland Charles Edward Adrianus (inventors). Issued 12-17-29.

1,740,320. Weighing scale. Van Duyn Adrianus (inventor); N. V. Mij Tot Veraardiging Van, Snijmachines Volgens Van Berkel S., Patent en Van Andere Werktuigen (grantees). Issued 12-17-29.

1,740,961. Construction of galleries and tunnels for mines and the like. Schaefer Hanns (inventor); N V Montania (grantee). Issued 12-24-29.

1,742,585. Weighing apparatus. De Brouckere Leon et al., Van Duyn Adrianus (inventors); N V Mij Tot Veraardiging Van, Snijmachines Volgens Van Berkel S, Patent en Van Andere Werktuigen (grantees). Issued 1-7-30.

1,743,139. Foot cleaning mat. Hoogeweg Willem Jacob et al., Oven Emanuel Van (inventors). Issued 1-14-30.

1,744,596. Process for the conversion of triglycerides with other esters. Van Loon Christiaan (inventor); N. V. Anton Jurgens Margarinefabrieken (grantee). Issued 1-21-30.

1,744,637. Elastic friction clutch. Jacobs Franciscus Gerardus et al., Schmitz Johan Martinus Maria (inventors). Issued 1-21,30.

1,745,000. Liquid measuring apparatus. Bargeboer Adolf (inventor); N V Mij Voor Nituvndingen Van Dikkers En Bargeboer (grantees). Issued 1-28-30.

1,745,913. Heat measuring apparatus. Rienks William (inventor). Issued 2-4-30.

1,747,082. Nut or screw connection with device to prevent loosening. Reuter Maurice (inventor); Ferdinand Maximiliaan Paul de Ryck, Van der Gracht (grantees). Issued 2-11-30.

1,747,795. Means for handling lifeboats. Schat Ane Pieter (inventor). Issued 2-18-30.

1,748,433. Coin controlled vending machine. Wetzell Carlos et al., Inhoffen Walther (inventors); N V Internationale Automaten Mij La Lange Voorhout (grantee). Issued, 2-25-30.

1,749,815. Propelling mechanism for ships. Hammerstein Simeon (inventor). Issued 3-11-30.

1,749,850. Automatic heat medium control device. Rusche Theodorus Willem Albert (inventor). Issued 3-11-30.

1,752,100. Device for driving and controlling a fin shaped propeller. Meindersma Wigger (inventor); Findriven Syndicaat Bestaande Uit de, Heeren Dr Wigger Meindersma Te, Wassenaar, Rutgers Dr Meine Te S Gravenhage, En Anton Ferdinand Johannes Dijk, Graaf Te Rotterdam Elk (grantees). Issued 3-25-30.

1,752,140. Automatic loom for making real knotted carpets. Banyai Maurus (inventor); Vereenigde Knooplapytindustrie Systeem Banyai (grantees). Issued 3-25-30.

1,752,665. Process for the manufacture of sensitized velvet paper for photographical uses. Friedlander Daniel (inventor); Meursing Messrs A Gratama E J (grantees). Issued 4-1-30.

1,753,678. Regulating device. Bargeboer Adolf (inventor). Issued 4-8-30.

1,754,133. Change over mechanism. Van Der Ploeg Hiode Wibius (inventor). Issued 4-8-30.

1,754,970. Display rack or tray. Takoma Johannes De Vleeschouwer Camille et al (inventors). Issued 4-15-30.

1,755,347. Engine provided with a piston and a connecting rod. Brons Jan (inventor); N. V. Kromhout Motoren Fabriek D Goedkoop Jr De Iongh Johan Hendrik (grantees). Issued 4–22–30.

1,757,341. Screw conveyer. Smit Jan Adriaan Bartel (inventor); N V Internationale Oxygenium Mij Novadel (grantee). Issued 5-6-30.

1,757,344. Laundry ironing machine. Stoffel Simon Henri (inventor); Machinefabriek Reineveld (grantee). Issued 5–6–30.

1,758,878. Apparatus for spraying molten substances. Versteeg Hendrik Johan (inventor); Jung Christiaan Johan (grantee). Issued 5-13-30.

1,759,138. Apparatus for producing active carbon. Sauer Johan Nicolaas et al, Adolf Dec. Tervooren Honore Amand Pedro Marie Rep (inventors), N V Algemeene Norit Mij (grantee). Issued 5–20–30.

1,759,753. Method for working up iron ores in a direct way. Ledeboer Pierre Hugo Dec. et al, Ledeboer Antoinette Eucharis Marie Gerardin admx (inventors); Staalsyndicaat Dr Ledeboer II (grantee). Issued 5-20-30.

1,759,776. Multicyclinder combustion motor. Brons Jan (inventor); N V Appingedammer, Bronsmotorenfabriek (grantee). Issued 5-20-30.

1,759,784. Means for transmitting energy between shafts. Grob Hugo (inventor); N V Machinerieen en Apparaten Fabrieken (grantee). Issued 5-20-30.

1,759,925. Cigar or cigarette extinguisher. Van Gelderen Frederik Marinus (inventor). Issued 5-27-30.

1,762,039. Insulating cap for the joints of electrical conductors and conducive coating for use therein. Van Gelderen Frederik Marinus (inventor). Issued 6-3-30.

1,762,068. Hydraulic actuating mechanism. Mattern Heinrich Maurits Meier Jr (inventor). Issued 6-3-30.

1,763,474. Reversing gear for reciprocating engines with hydraulically operated valves. Mattern Heinrich Maurits Meier Jr (inventor). Issued 6-10-30.

1,765,276. Sound transforming apparatus. Kalmeijer Adrianus Arnolous Marinus Antonius (inventor). Issued 6-17-30.

1,765,894. Coin controlled vending apparatus. Wetzell Carlos et al, Inhoffen Walther (inventors); N V Internationale Automaten Mij la Lange Voorhout (grantees). Issued 6-24-30.

1,770,301. Driving belt. De Bruin Frederik Harko (inventor). Issued 7-8-30.

1,771,224. Metal section for sheet piling. Kohler Willem Coenraad (inventor). Issued 7-22-30.

1,771,663. Gun mount. Stratomeyer Karl (inventor); N V Hollandsche Industrie En H Mij (grantee). Issued 7-29-30.

1,772,119. Helicopter. Van Lammeren Willem Petrus (inventor). Issued 8-5-30.

1,773,563. Automatic regulation of centrifugal pumps. Wijmans Albert Henricus (inventor). Issued 8-19-30.

1,774,206. Device for driving & controling fin shaped propellers. Meindersma Wigger (inventor); Findriven Syndicaat Bestaande Uit de Heeren dr Wigger Meindersma Te Wassenaar Voor Rutgers dr Meine Te S Gravenhage en Anton Ferdinand Johannes Dijkgraaf Te Rotterdam (grantees). Issued 8-26-30.

1,774,447. Sorting or distributing apparatus. Marchand Jean Joseph et al, Martin Lambert, Andriessen Jacobus Cornelis (inventors). Issued 8-26-30.

1,774,460. Balanced stream line rudder. Van Aller Gijsbert (inventor). Issued 8-26-30.

1,775,457. Mixing device. Hansen Magnus (inventor). Issued 9-9-30.

1,775,897. Process for liberating iodine in iodine containing mineral waters. Ellinger Frits (inventor); Mijnbouw En H Mij Wonoh Gedeh (grantee). Issued 9-16-30.

1,776,332. Electric switch mechanism. Nijland Hendrik Arend Hidde (inventor). Issued 9-23-30.

1,777,204. Adjustable spring mounted chair. Korsten Albertus Coenrades et al, De Visser Machiel (inventors). Issued 9-30-30.

1,777,537. Weighing scale. Van Duyn Adrianus (inventor); N V Mij Tot Veraardiging Van Snijmachines Volgens Van Berkel S, Patent En Van Andere Werktuigen (grantees). Issued 10-7-30.

1,779,331. Vehicle splash guard. Pollaert Luddvicus Hendricus (inventor). Issued 10-21-30.

1,779,378. Illuminating device. Van Dooren Josephus, Theodorus Cornelis (inventors). Issued 10-21-30.

1,779,505. Preparation of coconut fibers for spinning and weaving. Van Der Jagt Barend Gysbertus Hendrikus (inventors). Issued 10-28-30.

1,780,507. Method of telegraphing in Morse Code and apparatus therefor. Schoemaker Richard Leonard Arnold (inventor). Issued 11-4-30.

1,780,686. Junction box for high tension electric cables. Proos Cornelis Frederik (inventor); N V Nederlandsche Kabelfabriek (grantee). Issued 11-4-30.

1,782,282. Rotary pump. Bargeboer Adolf (inventor). Issued 11-18-30.

1,782,493. Active carbon & process for making same. Van Loon Johannes (inventor). Issued 11-25-30.

1,782,531. Method & means for filtering fluids. Fokker Anthony H G (inventor). Issued 11-25-30.

1,782,670. Indicating means for weighing apparatus. Van Duyn Adrianus (inventor); N V Mij Tot Veraardiging Van Snijmachines Volgens Van Berkel S, Patent En Van Andere Werktingen (grantees). Issued 11-25-30.

1,782,796. Process for the production of partially hydrolized cellulose acetates. Vles Samuel Isidoor (inventor). Issued 11-25-30.
1,783,145. Device for throwing at will projectiles from aircraft. Van Heijst Franciscus Wilhelmus (inventor); Commanditaire V J & Van Heijst & Zonen (grantees). Issued 11-25-30.
1,783,537. Music time indicator. Goudsmit Maurits Jonas (inventor). Issued 12-2-30.
1,783,691. Submarine boat. Behrmann Georg Joachim Karl (inventor); N V Ingenieurs Kantoor Voor, Scheepsbouw (grantees). Issued 12-2-30.
1,784,128. Shock reducer for vehicles provided with leaf springs. Bernaerts Henricus Franciscus Jozef (inventor); N V Technisch en Handelsbureau, Van Vliet en Zonen (grantees). Issued 12-9-30.
1,784,164. Process for impregnating bricks and like materials. Stoffels Andreas Johannes et al, Maria, Van Der Wissel Herman Tobais (inventors). Issued 12-9-30.
1,784,714. Apparatus for preparing casting molds. Van Der Lande Bernardus et al, Lebuinus Maria, Komen Gerrit (inventors). Issued 12-9-30.
1,786,258. Turntable. Mundt Theodorus Willem (inventor). Issued 12-23-30.
1,786,371. Lighting fixture. Van Dijck Willem Johannes Dominicus (inventor); N V Glasfabriek Leerdam Voorheen, Jeekel Mijnssen & Co. (grantees). Issued 12-23-30.
1,786,559. Process for the production of solid milk and cream preparations. Born Philipp (inventor); N V Nederlandsche Gruyere Blokmelk Fabriek (grantee). Issued 12-30-30.
1,788,289. Means for supplying fuel to furnaces. Gogelein Johannes F et al, Schoonenberg Cornelis J F (inventors). Issued 1-6-31.
1,788,466. Process of treating active carbons for increasing their adsorbing efficiency. Lourens Cornelis (inventor); General Norit Co Ltd (grantee). Issued 1-13-31.
1,788,657. Filter cloth. Caals Cornelis Henri (inventor). Issued 1-13-31.
1,788,902. Coin controlled vending machine. Wetzell Carlos et al, Inhoffen Walther (inventors); N V Internationale Automaten Mij, La Lange Voorhout (grantees). Issued 1-13-31.
1,789,507. Process of making an adsorbent comprising carbon iron and iron oxide. Aarts Christianus Josephus, Godefridus (inventors). Issued 1-20-31.
1,789,641. Carpet and method of manufacturing the same. Straub Gottfried (inventor). Issued 1-20-31.
1,790,032. Mole plow. Visser Maurits Frans (inventor). Issued 1-27-31.
1,790,204. Motor driven machine for harvesting sugar cane. Elias Joan Jacob Mari (inventor). Issued 1-27-31.
1,790,678. Apparatus for washing boreholes. Reinhold Thomas (inventor). Issued 2-3-31.
1,791,399. Device for setting up biscuits cakes and the like. Den Boer Marinus Marius (inventor); N V Bakovenbouw V H H P Den Boer (grantee). Issued 2-3-31.
1,792,443. Method and apparatus for working molding or shaping dough or the like plastic substances. Peters Johannese Philippus (inventor). Issued 2-10-31.
1,793,215. Pressure molding machine. Ebeli Cornelis Gerardus (inventor). Issued 2-17-31.
1,794,126. Method of producing acetyl cellulose. Vles Samuel Isidoor et al, De Hoop Louis (inventors); Algemeene Kunstzijde Unie N V (grantee). Issued 2-24-31.
1,794,190. Musical instrument. Loman Abraham Dirk Jr (inventor). Issued 2-24-31.
1,795,071. Reflecting sign. Beerstecher Willem Karel Cornelis (inventor). Issued 3-3-31.
1,796,351. Grab bucket. Voorwinde Willem (inventor). Issued 3-17-31.
1,796,921. Apparatus for cutting asphalt sheets. De Both Fransiscus C. J. decd (inventor); De Both Johannes Petrus admr, Matheus (grantees). Issued 3-17-31.
1,797,763. Machine for the mechanical extraction of bast from stalks of plants such as ramie jute and mallows. Einstein Max (inventor); N V Delta Mij Voor Commercieele en, Industrieele Financiering Soc de Credit Commercial et Industriel (grantees). Issued 3-24-31.
1,797,770. Submarine mine layer. Gunning Maximiliaan Frederik (inventor); N V Koninklijke Mij de Schelde Scheepsbouw en Werktuigenfabriek (grantees). Issued 3-24-31.
1,798,081. Self disinfecting brush. Gordyn Cornelius Jr et al, Van Der Molen Hindrik (inventors). Issued 3-24-31.
1,798,088. Open glass box shaped building element. Janzen Jetze Willem (inventor); N V Glasfabriek Leerdam Voorheen Jeekel Mijnssen & Co (grantees). Issued 3-24-31.
1,798,312. Electric motor. Crull Rento Wolter Hendrik Hofstede (inventor); N V Internationale Spinpot Exploitatie Mij (grantees). Issued 3-31-31.
1,799,091. Combined rake and tedder. Duyn Jan (inventor). Issued 3-31-31.
1,799,167. Wabbler driving mechanism. Hulsebos Wichert (inventor). Issued 4-7-31.
1,799,186. Apparatus for sorting punched cards with the help of feeler pins. Stuivenberg Cornelis Hendricus (inventor); N V Kamatec (grantee). Issued 4-7-31.
1,800,105. Heating boiler. Rainchon Leon (inventor). Issued 4-7-31.
1,803,224. Device for measuring the speed of vehicles. Waltman Johannes Martinus et al, Sirks Jan Frederik (inventors). Issued 4-28-31.
1,803,562. Cigarette making machine. Roet Isaac (inventor). Issued 5-5-31.
1,806,013. Machine for sawing under water. De Kater Jacobus Groeneveld (inventor). Issued 5-19-31.
1,806,490. Rotary cooling drum. Naumann Hermann Gustav Robert (inventor). Issued 5-19-31.
1,806,522. Metal dowel for wooden beams. De Gruyter Paul Johan (inventor). Issued 5-19-31.
1,806,770. Device for injecting liquid under pressure. Van Weenen Franciscus L (inventor); Van Berkel Cornelis Franciscus Maria (grantee). Issued 5-26-31.
1,807,104. Boat chock. Schat Ane Pieter (inventor). Issued 5-26-31.
1,809,083. Liquid brake or dashpot. Van Duyn Adrianus (inventor); N V Mij Tot Varvaardiging Van Snijmachines Volgens Van Berkel S Patent En Van Andere Werktuigen (grantees). Issued 6-9-31.
1,809,084. Dashpot brake for scales. Van Berkel Cornelis F M et al, Van Duyn Adrianus (inventors); N V Mij Tot Veraardiging Van, Snijmachines Volgens Van Berkel S, Patent En Van Andere Werktuigen (grantees). Issued 6-9-31.
1,809,686. Electrical remote control system. Froger Henricus (inventor). Issued 6-9-31.
1,810,039. Process for obtaining iodine as iodide from iodine containing adsorption carbon. Ellinger Frits (inventor); Mijnbouw En H Mij Wonoh Gedeh (grantee). Issued 6-16-31.
1,810,298. Appliance for the automatic determination of the range factors for combating aircraft with guns having two or three axes and mounted on moving platforms. Schmidt Leopold (inventor); N V Hollandsche Industrieen H Mij (grantee). Issued 6-16-31.
1,811,339. Furnace. Vander Does de Bije Anne J M A (inventor). Issued 6-23-31.
1,811,600. Process for producing cliches for two three or more color prints lantern slides and colored windows and the like. Van Straaten Louis Oscar (inventor). Issued 6-23-31.
1,811,962. Traveling oven. Pelkman Johannes Hermanus Nieulant (inventor); N V Bakovenbouw Voorheen H P Den Boer (grantees). Issued 6-30-31.
1,812,243. Thermic container. Jost Aloys (inventor). Issued 6-30-31.
1,812,814. Propeller. Van Lammeren Willem P (inventor). Issued 6-30-31.
1,816,363. Means for scouring and polishing asphaltic plates. De Both Fransiscus C J Decd (inventor); De Both Johannes Petrus Matheus Admr (grantee). Issued 7-28-31.
1,816,800. Process of manufacturing aromatic and durable butter. Van Niel Cornelis Bernardus (inventor); N V Internationale Octrooi Mij Octropa (grantees). Issued 7-28-31.
1,817,226. Container for gases or liquids under high pressure. Beldimano Alexander (inventor). Issued 8-4-31.
1,823,400. Photographic film copying device. Horst Ludwig (inventor); Sirius Kleurenfilm Mij (grantee). Issued 9-15-31.
1,823,415. Scale. Van Duyn Adrianus (inventor); N V Mij Tot Veraardiging Van Snijmachines Volgens Van Berkel S Patent En Van Andere Werktuigen (grantees). Issued 9-15-31.
1,823,593. Device for preventing the sinking and sticking of the ground rope of townets. De Niet Dirk (inventor). Issued 9-15-31.
1,824,567. Marking and sealing tag. Perquin Joannus Jacobus et al, Francken Henri Jacobus (inventors). Issued 9-22-31.
1,825,937. Device for interconnecting the evaporation elements of evaporation plants. Boulogne Baltus (inventor). Issued 10-6-31.
1,827,140. Apparatus for cleaning bottles and the like. Cupedo Jan Gerardus (inventor). Issued 10-13-31.
1,827,609. Method of joining the ends of high tension electric cables and an improved junction box therefor. Proos Cornelis Frederik (inventor); N V Nederlandsche Kabelfabriek (grantee). Issued 10-13-31.
1,827,681. Centrifugal separator. Van Der Molen Evert (inventor). Issued 10-13-31.
1,828,235. Joint system for tubular framework or similar metal constructions. Van Hattum Arie (inventor). Issued 10-20-31.
1,828,560. Polymerization product of acetylene and process of producing the same. De Liefde Willem Cornelis (inventor); N V Electro Zuurstofen Waterstoffabriek (grantee). Issued 10-20-31.
1,829,315. Weighing apparatus. Van Berkel Cornelis F M (inventor); N V Mij Tot Vervaardiging Van Snijmachines Volgens Van Berkel S Patent En Van Andere Werktuigen (grantees). Issued 10-27-31.
1,829,316. Weighing apparatus. Van Berkel Adrianus Wilhelmus (inventor); N V Mij Tot Vervaardiging Van Snijmachines Volgens Van Berkel S Patent En Van Andere Werktuigen (grantees). Issued 10-27-31.
1,829,679. Cutting sawing slotting and similar apparatus. Schell Johan Hendrik (inventor). Issued 10-27-31.
1,830,696. Apparatus and process for treating oxydic compounds. Gelissen Henri Caspar Joseph Hubert (inventor). Issued 11-3-31.
1,830,890. Winding apparatus for the fall of ships life boats. Schat Ane Pieter (inventor). Issued 11-10-31.
1,831,170. Apparatus for continuous clarification of liquids. Gratama Petrus E J (inventor). Issued 11-10-31.
1,832,395. Binder twine box. Hoos Willem (inventor). Issued 11-17-31.
1,832,782. Dock strut or stay. Leupen Petrus E (inventor); Nederlandsche Dok Mij N V (grantee). Issued 11-17-31.
1,833,248. Plate glass rolling machine. Genenger Richard (inventor); N V Mij Tot Beheer en Exploitatie Van Octrooien (grantee). Issued 11-24-31.
1,833,516. Safety device for locomotives or railway motor vehicles. Buijgers Johannes Theodorus (inventor). 11-24-31.

1,833,589. Turning device for turning off shafts crank shafts and other machine parts on the spot. Polderman Pieter (inventor); Beniest Gerardus Fredericus (grantee). Issued 11-24-31.

1,834,851. Gas heated hot water radiator. Krul Antoni Wilhelm (inventor). Issued 12-1-31.

1,836,303. Process for the production of milk and cream chocolate. Born Philipp (inventor); N V Nederlandsche Gruyere Blokmelk Fabriek (grantee). 12-15-31.

1,836,322. Sunshade umbrella and the like. Haaker Jacobus Dirk (inventor). Issued 12-15-31.

1,836,748. Mechanism. Carley Johan Dirk (inventor). Issued 12-15-31.

1,837,292. Gyroscopic compass. Richter Oskar (inventor); Nederlandsche Technische H Mij Giro (grantee). Issued 12-22-31.

1,837,610. Cleaning machine. Elias Joan Jacob Mari (inventor). Issued 12-22-31.

1,837,771. Device to be applied to cigars. Haakh Otto (inventor). Issued 12-22-31.

1,837,953. Screen particularly wind screen for vehicles. Destree Joseph Constant (inventor). Issued 12-22-31.

1,838,121. Process of preparing artificial textile products with reduced luster from cellulose compounds. Vles Samuel Isidoor (inventor). Issued 12-29-31.

1,838,179. Coin controlled vending machine. Hennemann Albert et al, Inhoffen Walther (inventors); N V Internationale Automaten Mij (grantee). Issued 12-29-31.

1,839,065. Fastening device for writing utensils such as pencils or the like. Van Gasteren Jacobus Paulus (inventor). Issued 12-29-31.

1,840,104. Gyroscopic apparatus for stabilizing bodies. Anschutz Kaempfe Hermann (inventor); Nederlandsche Technische H Mij Giro (grantee). Issued 1-5-32.

1,840,227. Cinematographic photographing apparatus. De Testa Theodorus Marie Erasmus Baron (inventors). Issued 1-5-32.

1,840,969. Automatic electric switching device. Nijland Hendrik Arend Hidde (inventor). Issued 1-12-32.

1,841,996. Feed mechanism for slicing machines. Van Berkel Johannes Cornelis (inventor); N V Mij Tot Veraardiging Van Snijmachines Volgens Van Berkel S Patent En Van Andere Werktuigen Rotterdam Holland (grantees). Issued 1-19-32.

1,842,322. Swash plate mechanism. Hulsebos Wichert (inventor). Issued 1-19-32.

1,843,889. Rail slewer in combination with thrust rails. Ter Voorde Gerrit Lodewijk (inventor). Issued 2-2-32.

1,844,184. Lining construction for mine galleries shaft tunnels and the like. Schaefer Hanns et al Schaefer Heinrich (inventors); N V Montania (grantee). Issued 2-9-32.

1,845,107. Method of preparing dull artificial silk. Zahn Cornellis Warnardus (inventor); N V J A Carp S Garenfabrieken (grantee). Issued 2-16-32.

1,847,797. Crank attachment for door locks. Vernody Reinier (inventor); Van den Berg Johannes Justinus (grantee). Issued 3-1-32.

1,847,833. Apparatus for applying solutions. Horst Ludwig (inventor); Sirius Kleuren Film Mij (grantee). Issued 3-1-32.

1,848,558. Aerial photographic mapping. Boer Izak (inventor). Issued 3-8-32.

1,849,461. Method for knitting pants or like articles of clothing. Kramer Jozephus Antonius Petrus (inventor). Issued 3-15-32.

1,849,503. Process for the manufacture of highly actuated adsorptive carbons. Mommaerts Henry David (inventor); N V Norit Vereeniging Verkoop Centrale (grantee). Issued 3-15-32.

1,849,580. Stop cock with a packing sleeve surrounding the plug of the cock. Klinger Karl (inventor); N V Irma Industrie en Ruwmaterialen Mij (grantee). Issued 3-15-32.

1,851,110. Weighing scale. Pellischek Paul (inventor); Mij Tot Exploitatie van Apparaten en Octrodien Berjo te S Gravenhage (grantee). Issued 3-29-32.

1,851,795. Mercerizing. Zahn Cornelis Warnardus (inventor); N V J A Carp S Garenfabrieken (grantee). Issued 3-29-32.

1,851,856. Extracting means. Loesch Carl Ferdinand (inventor); N V Oliefabriek Alkmaar (grantee). Issued 3-29-32.

1,852,428. Container for distributing or sorting apparatus. Marchand Jean Joseph, et al., Martin Lambert (inventors); Andriessen Jacobus Cornelis (grantee). Issued 4-5-32.

1,852,727. Method for transmitting a plurality of communications. Van der Horst Willem Pieter Cornelis (inventor). Issued 4-5-32.

1,854,678. Weighing apparatus. Van Duyn Adrianus (inventor); N V Mij Tot Vervaardiging Van Snijmachines Bolgens Van Berkel S Patent en Van Andere Werk Tuigen (grantee). Issued 4-19-32.

1,855,158. Treating edible milling products. Van Der Lee Gerrit (inventor); N V Internationale Oxygenium Mij Novadel (grantee). Issued 4-19-32.

1,855,648. Advertising device. Prins Leendert (inventor). Issued 4-26-32.

1,855,652. Flying machine. Sanders Ludwig Adrian (inventor); Sanders Johann Anton, Stoot Frans Lambert (grantees). Issued 4-26-32.

1,856,165. Mail distributing apparatus. Marchand Jean Joseph Martin et al., Lambert (inventors);; Andriessen Jacobus Cornelis. Issued 5-3-32.

1,856,232. Grab. Voorwinde Willem (inventor). Issued 5-3-32.

1,856,299. Scaling device. Van Alphen Johannes Cornelis et al., Ter Haak Pieter, Lechelt Theodor (inventors). Issued 5-3-32.

1,856,343. Apparatus for trimming and spreading grain ore and the like. Kroef Johan Willem (inventor). Issued 5-3-32.

1,856,571. Process for treating liquids with active carbons. Lourens Cornelis (inventor); General Norit Co. Ltd. (grantee). Issued 5-3-32.

1,858,795. Weighing apparatus. Van Duyn Adrianus (inventor); N V Mij Tot Vervaardiging van Snijmachines Volgens van Berkels Patent en van Andere Werktuigen (grantee). Issued 5-17-32.

1,858,808. Biological production of butyl alcohol and acetone. Gerretsen Frederik Charles (inventor). Issued 5-17-32.

1,859,841. Apparatus for the impregnation of hollow articles. Prins Hendrik Jacobus (inventor). Issued 5-24-32.

1,861,121. Closing device for organism culture vessels. Kapsenberg Gerardus (inventor). Issued 5-31-32.

1,861,330. Manufacture of sensitive diazo type layers. Van der Grinten Lodewijk et al., Pieter Frans, Van der Grinten Karel Jan Joseph (inventors); N V Chemische Fabriek L van der Grinten (grantee). Issued 5-31-32.

1,861,673. Process for molding an India rubber gas mask. Wilhelmi Dirk Frans (inventor); Vereenigde N V Nederlandsche Rubberfabrieken (grantee). Issued 6-7-32.

1,863,423. Electric incandescent lamp. Van Eck Jacob et al., Fekkes Fekko (inventors); Fekkes Hendrik (grantee). Issued 6-14-32.

1,863,659. Machine adjusting the timing of a fuse for a projectile. Johenning Franz (inventor); N V Hollandsche Industrie en H Mij (grantee). Issued 6-21-32.

1,863,954. Process for the production of hot vulcanized footwear. Wilhelmi Dirk Frans (inventor). Issued 6-21-32.

1,864,002. Washing machine. Stoffel Simon Henri. Issued 6-21-32.

1,864,105. Process for the manufacture of curtain and similar woven stuff. Van den Bergh Jacob (inventor); N V Gebrs van den Bergh S Industrie en H Mij (grantee). Issued 6-21-32.

1,864,626. Process for the manufacture of continuous sheets or corrugated plates of asbestos cement with insertion or insertions of iron wire netting. Arentsen Arie Hermanus (inventor). Issued 6-28-32.

1,865,430. Current transformer. Borkent Roelof Herman (inventor). Issued 7-5-32.

1,865,982. Analytical filter. Van Doorn Anthonius Marinus (inventor). Issued 7-5-32.

1,866,239. Tone tubes with acoustic actions for sound recording and sound reproducing apparatus. Van Akkeren Antonius Johannes Jacobus (inventor). Issued 7-5-32.

1,866,412. Process for enhancing the action of percompounds which are decomposed by catalyses upon animal or vegetable products. Van der Lee Gerrit (inventor); N V Noury Van der Lande S H Mij (grantee). Issued 7-5-32.

1,866,684. Locking device. Van der Leun Cornelis (inventor). Issued 7-12-32.

1,867,257. Power take off. Esseling Cornelis J. (inventor). Issued 7-12-32.

1,867,689. Sealable padlock. Van Leer Florish H. (inventor); Van Leer B. (grantee). Issued 7-19-32.

1,867,944. Apparatus for indicating the presence of potential or current in a cable or other metallic conductor. Nijland Hendrik Arend Hidde (inventor); N V Electro Apparaten Fabrieken Systeem Coq. (grantee). Issued 7-19-32.

1,867,954. Process for sulphonating fatty acids and fatty acid derivatives. Rozenbroek Meindert Danius (inventor). Issued 7-19-32.

1,867,959. Incandescent cathode for thermionic tubes and method of manufacturing same. Winter Ernst (inventor); N V Splendor Gloeilampenfabriek Splendor Lampworks (grantee). Issued 7-19-32.

1,868,035. Device for trimming coal and like material in ships. Valstar Dirk (inventor). Issued 7-19-32.

1,868,236. Glass building stone tile or like building element. Janzen Jetze Williem (invenor); N V Glasfabrik Leerdam Voorheem Jeekel Mijnssen & Co. (grantee). Issued 7-19-32.

1,868,301. Internal combustion engine. Zeeman Jan (inventor). Issued 7-19-32.

1,868,406. Apparatus for the heat treatment of sugar solutions either completely or partly crystallized. Bonath Richard (inventor); Werkspoor N. V. (grantee). Issued 7-19-32.

1,869,245. Device for handling and emptying glass melting pots. Genenger Richard (inventor); N V Mij Tot Beheer en Exploitatie Van Octrooien (grantees). Issued 7-26-32.

1,869,659. Method of maintaining secrecy in the transmission of wireless telegraphic messages. Broertjes Willem (inventor). Issued 8-2-32.

1,869,723. Weighing scale. Van Duyn Adrianus (inventor); N V Mij Tot Vervaardiging Van Snijmachines Volgens Van Berkel S Patent En Van Andere Werktuigen (grantees). Issued 8-2-32.

1,869,740. Weighing apparatus. De Iongh Johan Hendrik (inventor); N V Mij Tot Vervaardiging Van, Snijmachines Volgens Van Berkel S Patent En Van Andere Werktuigen (grantees). Issued 8-2-32.

1,870,538. Automatic gripper. Voorwinde Willem (inventor). Issued 8-9-32.

1,871,734. Motor car frame. Prins Peter Lourens (inventor); Kan Daniel Maurits, Drieman Franciscus Antonius, Kan Marinus Leonard, Van Schaardenburg Frans Johan Jacob (grantees). Issued 8-16-32.

1,871,735. Six wheel motor chassis. Prins Peter Lourens (inventor). Issued 8-16-32.

1,872,420. Counterbalancing and indicating mechanism for weighing apparatus. De Iongh Johan Hendrik (inventor); N V Mij Tot Vervaardiging Van Snijmachines Volgens Van Berkel S Patent En Van Andere Werktuigen (grantees). Issued 8-16-32.

1,872,851. Weighing apparatus. Van Weenen Franciscus Lambertus (inventor); N V Mij Tot Veraardiging Van Snijmachines Volgens Van Berkel S Patent en Van Andere Werktuigen (grantees). Issued 8-23-32.

1,873,513. Process for converting neutral or nearly neutral triglycerides mutually or with other esters. Van Loon Christiaan (inventor); N V Anton Jurgens Margarinefabrieken (grantee). Issued 8-23-32.

1,876,595. Generating electric power by means of wind. Beldimano Alexander (inventor). Issued 9-13-32.

1,877,073. Device far cutting the cables of submarine mines. Solkesz Jan Hajo (inventor). Issued 9-13-32.

1,878,071. Slice deflector. Van Berkel Johannes (inventor); N V Mij Tot Veraardiging Van Snijmachines Volgens Van Berkel S Patent En Van Andre Werktuigen (grantees). Issued 9-20-32.

1,873,585. Machine for shaping figures from fat or butter dough or other plastic material. Kalmeijer Arnolous, Cornelis Adrianus (inventors). Issued 9-20-32.

1,878,832. Price scales. Egger Hansen, Simon Siegfried (inventors); Egger Hansen S N V Tot Exploitatie Van Octrooien (grantees). Issued 9-20-32.

1,878,919. Driving system for loudspeakers. Van Dam Hendrik et al, (inventor); Van Dam Dirk Hermanus (grantee). Issued 9-20-32.

1,880,302. Propeller for helicopters. Van Lammeren Willem Petrus (inventor). Issued 10-4-32.

1,884,656. Process for obtaining phosphorus halogen compounds. Gelissen Henri Caspar, Joseph Hubert (inventors); N V Electrochemische Industrie (grantee). Issued 10-25-32.

1,885,770. Thermionic transmitter & receiver. Schotel Gerrit (inventor). Issued 11-1-32.

1,886,745. Lining for underground works. Schaefer Hanns (inventor); N V Montania (grantee). Issued 11-8-32.

1,887,684. Bidding apparatus. Huizinga Marten Johann (inventor). Issued 11-15-32.

1,887,796. Clod cutter. Boere Kornelis (inventor). Issued 11-15-32.

1,888,979. Weighing apparatus. De Iongh Johan Hendrik (inventor); N V Mij Tot Vervaardiging Van Snijmachines Volgens Van Berkel S Patent En Van Andere Werktuigen (grantees). Issued 11-29-32.

1,889,046. Apparatus for decorticating timber. Foss Per (inventor). Issued 11-29-32.

1,889,627. Method of and apparatus for making photophonograms. Berglund Sven A Son (inventor); N V Kuchenmeisters Internationale Mij Voor Sprekende Films (grantees). Issued 11-29-32.

1,890,021. Flying boat. Sanders Ludwig Adrian (inventor); Sanders Johann Anton, Stoot Frans Lambert (grantees). Issued 12-6-32.

1,890,476. Process for the production of flexible floor wall and like covers. Van Der Willigen Paul Christiaan (inventor); N V Nederlandsche Linoleumfabriek (grantees). Issued 12-13-32.

1,890,610. Air moistening apparatus for incubators. Karthaus Leonardus Julius George (inventor). Issued 12-13-32.

1,892,820. Passenger ship. Visser Jan Blokland (inventor); N V Koninklijke Mij De Schelde Scheeps Bouw En Werktuigenfabriek (grantees). Issued 1-3-33.

1,894,286. Guide block pulley block and the like. Van Der Schans Martien et al, Hilgers Gerrit (inventors); Stinis Wed C The Firm (grantee). Issued 1-17-33.

1,895,409. Register or index. Drucker Rudolf (inventor). Issued 1-4-33.

1,895,628. Gyroscopic instrument. Anschutz Kaempfe Hermann (inventor); Nederlandsche Technische Handel Mij Giro (grantees). Issued 1-31-33.

1,898,156. Controlled plural batch weighing machine. Van Der Lande Petrus L M (inventor). Issued 2-21-33.

1,898,926. Method of making bore holes. Aarts Christianus Josephus et al, Godefridus, Mekel Johannes Antonius Alphonsus (inventors); Baars Walter Franciscus Cornelis (grantee). Issued 2-21-33.

1,899,232. Shorthand typewriting or stenographic machine. Den Outer Marius (inventor). Issued 2-28-33.

1,902,739. Apparatus for separating water from dredged material. Verstoep Dirk (inventor). Issued 3-21-33.

1,903,551. Fin propeller. Meindersma Wigger (inventor). Issued 4-11-33.

1,903,572. Machine for working molding and shaping dough. Schroder Johannes Numan (inventor). Issued 4-11-33.

1,903,691. Ironing machine. Tol Hermanus Franciscus (inventor); N V Vennootschap Tot Exploitatie Van Strijken Permachine Octrooien V E S P O (grantee). Issued 4-11-33.

1,903,709. Tightening composition. Schoen Murk Jan (inventor). Issued 4-11-33.

1,903,727. Leaf turner. Bartels Ernst (inventor). Issued 4-11-33.

1,904,944. Record strip for sound reproducing machines. Herklots Johannus G. M. (inventor). Issued 4-18-33.

1,906,719. Gyro pendulum. Richter Oskar, (inventor); Nederlandsche Technische H. Mij Giro in Den Haag (grantees). Issued 5-2-33.

1,907,622. Device for injecting liquid under pressure. Van Weenen Franciscus L. (inventor); Van Berkel Cornelis F M (grantee). Issued 5-9-33.

1,909,557. Nitrosyl sulphuric acid in finely divided dry and stabilized condition and process for its manufacture. Van Hasselt Johan Francois Barthold (inventor); Chemische Industrie Van Hasselt, Kleijn Adrianus (grantees). Issued 5-16-33.

1,909,558. Treatment of meal flour or milling products. Van Hasselt Johan Francois Barthold (inventor); Chemische Industrie Van Hasselt, Kleijn Adrianus (grantees). Issued 5-16-33.

1,909,578. Pump. Franke John Coard (inventor); N V Octrooi Mij Hermes (grantee). Issued 5-16-33.

1,909,801. Variable speed gear. Basart Antonius Hendrikus Marie (inventor). Issued 5-16-33.

1,910,573. Photographic printing by phosphorescent plates. Tal Elias T (inventor). Issued 5-23-33.

1,910,967. Manufacture of baked articles. Ruckdeschel Wilhelm (inventor); N V Handelscie Alhaco (grantee). Issued 5-23-33.

1,911,657. Process of preparing partially hydrolyzed cellulose acetates. Vles Samuel Isidoor (inventor); Algemeene Kunstzijde Unie N V (grantee). Issued 5-30-33.

1,912,390. Slicing machine. Van Derkel Johannes C (inventor); N V Mij Tot Veraardiging Van Snijmachines Volgens Van Berkel S, Patent en Van Andere Werktuigen (grantees). Issued 6-6-33.

1,912,391. Slicing machine. Van Berkel Johannes C (inventor); N V Mij Tot Veraardiging Van Snijmachines Volgens Van Berkel S, Patent en Van Andere Werktuigen (grantees). Issued 6-6-33.

1,913,012. Slicing machine. Van Berkel Johannes C (inventor); N V Mij Tot Veraardiging Van Snijmachines Volgens Van Berkel S Patent en Van Andere Werktuigen (grantees). Issued 6-6-33.

1,913,013. Slicing machine. Van Berkel Johannes C (inventor); N V Mij Tot Veraardiging Van Snijmachines Volgens Van Berkel S, Patent en Van Andere Werktuigen (grantees). Issued 6-6-33.

1,913,775. Preparation of organic peroxides. Straub Jan (inventor). Issued 6-13-33.

1,913,776. Bleaching of flour. Straub Jan (inventor). Issued 6-13-33.

1,914,613. Rod grab for heapable material. Neffendorf Paul Gen Gaertner (inventor); N V Havenbedrijf Vlaardingen Oost (grantee). Issued 6-20-33.

1,915,510. Apparatus for the manufacture of corrugated reenforced asbestos sheets or plates. Arentsen Arie Hermanus (inventor). Issued 6-27-33.

1,918,558. Method for the treatment of plants, parts of plants, and raw fibers. Plant Hendricus (inventor). Issued 7-18-33.

1,918,622. Process of preparing iodides. Van Der Meulen Johannes Hendrik (inventor). Issued 7-18-33.

1,918,995. Loud speaker. Ten Pas Fransiscus Johannes (inventor). Issued 7-18-33.

1,919,518. Machine for winding paper belts. Kruimel Joan Herman Anne (inventor). Issued 7-25-33.

1,920,527. Dirigible headlight. Schulmayer Johannes Carel (inventor). Issued 8-1-33.

1,920,569. Device for keeping constant the terminal voltage of sources of current. Koros Ladislaus (inventor); N V Stabilovolt (grantee). Issued 8-1-33.

1,921,359. Traffic signal. Huizinga Willem (inventor). Issued 8-8-33.

1,921,549. Apparatus for manufacturing ice in plates. Spaan Henri Jacobus (inventor). Issued 8-8-33.

1,922,717. Mechanism for feeding fragile objects to machines. Smitt Hermanus Mattheus (inventor). Issued 8-15-33.

1,922,976. Course indicator for reproducing the indication of a gyrocompass. Otto Wolfgang (inventor); Nederlandsche technische H Mij Giro (grantee). Issued 8-15-33.

1,923,822. Mine storing means in submarines of the single hull type. Gunning Maximiliaan Frederik (inventor); N V Koninklijke Mij de Schelde Scheepsbouw en Werktuigenfabrick (grantee). Issued 8-22-33.

1,924,667. Slicing machine. Van Berkel Johannes Cornelis (inventor); N V Mij Tot Veraardiging Van Snijmachines Volgens Van Berkel S Patent en Van Andere Werktuigen (grantees). Issued 8-29-33.

1,924,688. Gyroscopic compass. Anschutz Kaempfe Hermann (inventor); Nederlandsche Technische H Mij Giro (grantee). Issued 8-29-33.

1,925,061. Washing machine. Stoffel Simon Henri (inventor); N V Machinefabriek Reineveld (grantee). Issued 8-29-33.

1,925,548. Process for the production and manufacture of emulsions of oxidized drying oils, varnishes and lacquers. Van Der Willigen Paul Christiaan (inventor). Issued 9-5-33.

1,925,650. Measuring appliance for the delivery of separated quantities of material in powder form. Becker Henri Louis et al., Kleijn Adrianus (inventors). Issued 9-5-33.

1,926,251. Angle measuring device. Von Mayrhauser Kurt (inventor); Nederlandschen Technischen H Mij Giro (grantee). Issued 9-12-33.

1,926,322. Fixing of images obtained by a negative diazotype process. Van Der Grinten Karel Jan et al, Joseph (inventor); Van Der Grinten Lodewijk Pieter Frans, N V Chemische Fabriek L Van Der Grinten (grantees). Issued 9-12-33.

1,926,504. Process for reducing the liquid contents of materials which have many capillary spaces. Ten Bosch Abraham (inventor). Issued 9-12-33.

1,927,224. Milk boiling apparatus. Van Buuren Theodoor (inventor). Issued 9-19-33.

1,927,235. Universal time clock. Heimann Emil (inventor). Issued 9-19-33.

1,928,858. Connecting arrangement for discharging devices. Koros Ladislaus (inventor); N V Stabilovolt (grantee). Issued 10-3-33.

1,929,566. Airplane. Sanders Ludwig Adrian (inventor); Sanders Johann Anton, Stoot Frans Lambert (grantees). Issued 10-10-33.

1,929,691. Process for drying oleaginous seeds and fruits. Hutteman Hermanus Jansen (inventor). Issued 10-10-33.

1,930,403. Gas or vapor pump. Van Der Does de Bije Anne J M A (inventor). Issued 10-10-33.

1,933,555. Device for joining insulating wire terminals of electrical conductors. Jasper Christiaan Hendrik (inventor); N V Electriciteits Mij Electrostoom (grantees). Issued 11-7-33.

1,934,174. Heat insulation for air spaces. Dyckerhoff Eduard (inventor); N V Internationale Alfol Mij (grantee). Issued 11-7-33.

1,934,595. Thermal meter. Fischer Johannes (inventor); N V Instrumentfabriek en Handel Voorheen P J Kipp en Zonen (grantees). Issued 11-7-33.

1,935,255. Incandescent electric lamp. Van Eck Jacob et al. (inventors); Fekkes Fekko (inventors). Issued 11-14-33.

1,935,336. Wall plug. Sluyter Nicolaas (inventor). Issued 11-14-33.

1,936,490. Process and the apparatus for preparing sheet rubber and the product obtained by it. Van Harpen Nicolaas Hendrik (inventor); Algemeene Vereeniging Van Rubberplanters ter Oostkust Sumatra (grantees). Issued 11-21-33.

1,937,437. Apparatus for determining the specific gravity of gases and vapors. Romp Hendrik Arnold (inventor). Issued 11-28-33.

1,938,110. Machine for cutting and shaping cakes and biscuits. Neutelings Theodoor Renier (inventor). Issued 12-5-33.

1,945,886. Conveying device for use in bakeries. Den Boer Hendrik Pieter (inventor); N V Bakovenbouw Voorheen H P Den Boer (grantees). Issued 2-6-34.

1,947,754. Reenforced wire netting. Bolger Johan (inventor). Issued 2-20-34.

1,948,700. Carburetor. De Roysancour Otto George Johan, Struycken (inventors). Issued 2-27-34.

1,949,035. Hospital or invalid bed. Beurschgens Lambertus (inventor); N V Morpheus (grantee). Issued 2-27-34.

1,949,225. Rotary internal combustion engine. Van Lammeren Willem P (inventor). Issued 2-27-34.

1,951,993. Take off roll for glass tubing and cane. Pond Leander N (inventor); N V Mij Tot Beheer en Exploitatie, Van Octrooien (grantees). Issued 3-20-34.

1,952,298. Card index. Thieme Erna Geboren Overhoff (inventor). Issued 3-27-34.

1,952,539. Sound reproducing apparatus. Douw Jacobus Cornelis (inventor); Hein Johan Willem Vlielander, Henny Christiaan Henri, Henny Max Adolf (grantees). Issued 3-27-34.

1,952,564. Elastic coupling for coaxial rotary parts. Prins Peter Lourens (inventor). Issued 3-27-34.

1,954,955. Electrical recording device. Siebers Johannes Hubertus Willibald (inventor). Issued 4-17-34.

1,955,016. Process for obtaining substances in purified condition by a special treatment with miscible liquids of different solvent power & volatility. Prins Eugene Charles et al, Lemmens Jan Frederik (inventors). Issued 4-17-34.

1,955,629. Incandescent lamp cap for Edison holders. Ghysen Huibert Cornelis (inventor); N V The Vitrite Works (grantee). Issued 4-17-34.

1,956,079. Grab for heapable material. Neffendorf Paul Gen Gaertner (inventor); N V Havenbedrijf Vlaardingen Oost (grantee). Issued 4-24-34.

1,959,510. Package for flower bulbs. Van Waveren Theodorus (inventor). Issued 5-22-34.

1,960,382. Inserting machine. Koning Johan Marinus Hatersel (inventor); Evers Leonard, Kars Jaap (grantees). Issued 5-29-34.

1,962,074. Means for protecting conduits for explosive gas mixtures. Hausmeister Paul (inventor); Firma Vlessing & Co (grantee). Issued 6-5-34.

1,962,749. Gyroscopic compass. Otto Wolfgang et al, Richter Oskar (inventors); Nederlandsche Technische H Mij Giro (grantee). Issued 6-12-34.

1,965,474. Method for the manufacture of fabrics and device for carrying out said method. Slot Cornelis Johannes (inventor). Issued 7-3-34.

1,965,514. Collar stud. Tolk Cornelis (inventor). Issued 7-3-34.

1,967,761. Leer. Von Reis Lambert (inventor); N V Mij Tot Beheer en Exploitatie Van Octrooien (grantee). Issued 7-24-34.

1,967,793. Cylindrical drying apparatus. Van Kuyk Gerrit Jan Hermanus (inventor). Issued 7-24-34.

1,968,180. Screw press. Ten Bosch Abraham (inventor); N V Mij Tot Exploitatie Van Ten Bosch Octrooien N V (grantee). Issued 7-31-34.

1,968,725. Cartridge belt. Valkenburg Simon (inventor). Issued 7-31-34.

1,970,163. Art of treating seeds. Brandus Ernst (inventor); N V Noord West Orion Handel Mij (grantee). Issued 8-14-34.

1,970,217. Telephone system and the like. Bergmann Stephan et al, Charwat Josef (inventors); Elin N V Nederlandsche Mij Voor Electrische Industrie (grantee). Issued 8-14-34.

1,970,239. Shock absorber for motor vehicles and the like. Landeweer Klaas (inventor). Issued 8-14-34.

1,970,351. Pivotable window construction. Wiersma Gerrit Durks et al, Wiersma Oouwe Durks (inventors); N V Technische H Mij Voor Raamconstructies (grantee). Issued 8-14-34.

1,970,732. Apparatus for crystallizing solutions by evaporation or cooling. Bonath Richard (inventor); Werkspoor N V (grantee). Issued 8-21-34.

1,971,009. Process for the preparation of alkali cyanates. Konig Hermann Theodor Joseph (inventor); N V Stikstofbindingsindustrie Nederland (grantee). Issued 8-21-34.

1,971,806. Liquid level indicator. Bargeboer Adolf (inventor); N V Machinefabriek G Dikkers & Co, Lulofs Warner (grantees). Issued 8-28-34.

1,973,669. Rotary pump. Spoor Willem Lodewijk Joost (inventor). Issued 9-11-34.

1,974,114. Actuating mechanism for bascule bridges. Kuyk Egbert (inventor); Werkspoor N V (grantee). Issued 9-18-34.

1,974,697. Filter. Ten Bosch Abraham (inventor); N V Mij Tot Exploitatie Van Ten Bosch Octroolen N V (grantee). Issued 9-25-34.

1,974,705. Means for turning stationary vehicles. De Vaal Roelof (inventor); Brinkers Hubertus Cornelis (grantee). Issued 9-25-34.

1,974,709. Apparatus for making sound & picture records on films. Freund Berthold (inventor); Internationale Tobis Mij N V (grantee). Issued 9-25-34.

1,974,710. Method of making sound records. Freund Berthold (inventor); Internationale Tobis Mij N V (grantee). Issued 9-25-34.

1,975,226. Power factor measurements in high tension cables. De Zoeten Gijsbertus (inventor); N V Tot Keuring Van, Electrotechnische Materialen (grantees). Issued 10-2-34.

1,975,490. Eyeglasses. Hubar Guillaume Marie Louis Van Hellenberg (inventors). Issued 5-16-33.

1,975,642. Hydraulic shock absorber. Landeweer Klaas (inventor). Issued 5-16-33.

1,975,737. Prevention of air bubbles in glass. Sanchez Vello Leopoldo (inventor); Mij Tot Beheer en Exploitatie Van Octrooien (grantee). Issued 5-16-33.

1,978,238. Tumbler. Van Hasselt Charles H (inventor); N V Gemeenschappelyke Mynbouwmaatschappy Billiton (grantee). Issued 10-23-34.

1,978,534. Wireless receiving system. Schotanus A Steringa Idzerda Hanzo Henricus (inventors). Issued 10-30-34.

1,978,558. Automatic weighing machine. Von Pritzelwitz Van Der Horst Ernst C (inventor). Issued 10-30-34.

1,979,508. Clamping member for clamping the one end of a cord which is fixedly fastened to the clamping member with the other end. Van Den Bel Jacobus Gerardus (inventor). Issued 11-6-34.

1,981,691. Rubber manufacture. Yssel De Schepper Adam Joan Adriaan (inventor). Issued 11-20-34.

1,981,827. Controlling system. Otto Wolfgang (inventor); Nederlandsche Technische H Mij Giro (grantee). Issued 11-20-34.

1,982,508. Apparatus for treatment of the body with sprayed applications and the like. Frank Paul (inventor). Issued 11-27-34.

1,982,509. Apparatus for applying treatment media to the living body. Frank Paul (inventor). Issued 11-27-34.

1,982,978. Apparatus for crystallizing solutions by evaporation or cooling. Bonath Richard (inventor); Werkspoor N V (grantee). Issued 12-4-34.

1,982,992. Process for purifying used mineral lubricating oils. Karthaus Ferdinand Joseph Friedrich (inventor). Issued 12-4-34.

1,984,556. Automatic change speed gear mechanism. Vetter Johan Machiel (inventor). Issued 12-18-34.

1,985,010. Apparatus for bringing liquids & gases into intimate contact. Berkhuijsen Eric Henri (inventor). Issued 12-18-34.

1,985,352. Circuit arrangement for electrical amplifiers. Numans Johannes Jacques (inventor). Issued 12-25-34.

1,986,554. Direct coupled amplifier. Ten Brink Barend Albert Jan (inventor); De Brey Heinrich Willem Karel (grantee). Issued 1-1-35.

1,987,542. Locker for clothes and the like. Van Westrum Leonard Schade Jr (inventor). Issued 1-8-35.

1,988,047. Apparatus for molding, shaping and elongating dough rolls. Peters Johannes Philippus (inventor). Issued 1-15-35.

1,988,059. Making per salts by electrolysis. Van Loon Johannes (inventor). Issued 1-15-35.

1,988,897. Siphon. Gurck Arnoldus Johannes (inventor). Issued 1-22-35.

1,988,987. High frequency amplifier. Stoet Hindrik et al, Van Harrevelt Louis Henri (inventors); Technisch Handelsbureau Runo (grantee). Issued 1-22-35.

1,989,310. Safety device to prevent film burning. Fritz Max H (inventor); Vereenigde Internationale Agenturen Mij (grantee). Issued 1-29-35.

1,990,433. Manufacture of highly esterified soluble mixed cellulose esters. Jurling Jan Gerard (inventor); N V Fabriek Van Chemische Producten (grantee). Issued 2-5-35.

1,991,141. Process of preparing cellulose solutions. De Nooij Jan Cornelis et al, Gerritsen Dirk Jan (inventors). Issued 2-12-35.

1,991,266. Liquid dispensing apparatus. Van Meeuwen Robert (inventor); Miller G S Co S Automotief Producten N V (grantee). Issued 2-12-35.

1,991,919. Process and machine for laying a drain conduit. Bruins Jan (inventor). Issued 2-19-35.

1,991,996. Process for ornamenting surfaces with a relief pattern. Bakker Lodewijk (inventor); N V Vernis Verf en Japanlakfabrieken, Hermann A Schreuder & Co (grantees). Issued 2-19-35.

1,992,703. Percussive tool. Lechelt Theodor (inventor). Issued 2-26-35.

1,993,641. Method of making bore holes. Aarts Christianus Josephus Godefridus et al, Mekel Johannes Antonius Alphonsus (inventors); N V Smeltboring (grantee). Issued 3-5-35.

1,993,642. Apparatus for making bore holes. Aarts Christianus Josephus Godefridus et al, Mekel Johannes Antonius Alphonsus (inventors); N V Smeltboring (grantee). Issued 3-5-35.

1,994,799. Apparatus for resharpening safety razor blades. Vis Daniel Marinus Jr (inventor). Issued 3-19-35.

1,994,948. Rotary cooling drum. Grasso Hendricus A M (inventor). Issued 3-19-35.

1,995,569. Cupboard with drawers. Janzen Jetze Willem (inventor). Issued 3-26-35.

1,997,819. Power transmitting mechanism. Freund Berthold (inventor); Internationale Tobis Mij N V (grantee). Issued 4-16-35.

1,998,598. Electric cigar lighter. Van Tiene Nicolaas Willem (inventor). Issued 4-23-35.

1,998,857. Illuminated sign for day & night display. Wolff Hendrik (inventor). Issued 4-23-35.

1,999,589. Apparatus for separation of solid combustion residues from combustion gases. Frey Mendel (inventor). Issued 4-30-35.

1,999,681. Excavator. Bakker Frederik Hendrik (inventor). Issued 4-30-35.

1,999,682. Excavator. Bakker Frederik Hendrik (inventor). Issued 4-30-35.

2,000,308. Volume metering apparatus. Von Schutz Friedrich (inventor); N V Machinerieen en Apparaten Fabrieken Meaf (grantee). Issued 5-7-35.

2,001,353. Transfer of liquified gases. Salnikoff Wadim (inventor); N V Machinerieen en Apparaten Fabrieken Meaf (grantee). Issued 5-14-35.

2,001,616. Packing plate with screen lining and process for manufacturing same. Klinger Karl (inventor); N V Irma Industrie en Ruwmaterialen Mij (grantee). Issued 5-14-35.

2,002,252. Apparatus for the converting of milky liquids solutions dispersions and emulsions into powder form by drying. Stam Martinus Joannes (inventor). Issued 5-21-35.

2,003,252. Track shifting device. De Lange Hendrik Bernardus Marie (inventor). Issued 5-28-35.

2,004,840. Apparatus for dispersing liquids and mixtures. Van Suchtelen Eduard Ferdinand (inventor). Issued 6-11-35.

2,006,101. Reversing mechanism for dry gas meters, Holm Waldemar (inventor); N V Machinerieen en Apparaten, Fabrieken Meaf (grantees). Issued 6-25-35.

2,006,677. Gas meter casing. Holm Waldemar (inventor); N V Machinerieen en Apparaten Fabrieken Meaf (grantee). Issued 7-2-35.

2,007,104. Machine for pressing poultry food and other plastic mixtures. Zwart Herman (inventor). Issued 7-2-35.

2,007,316. Production of corrected color selection positives for color photography & multicolor printing. Van Straaten Louis Oscar Decd (inventor); Van Straaten Sara Jacoba Born, Agelink Van Rentergem Excx (grantees). Issued 7-9-35.

2,007,405. Process for making coffee free from caffein. Meijer Frans Marinus (inventor); Levelt Wilhelmus Henricus (grantee). Issued 7-9-35.

2,007,419. Process for manufacturing a nitrogen fertilizer. Berkhoff Gerrit Jr (inventor); De Directie Van de Staatsmijnen in Limburg (grantees). Issued 7-9-35.

2,008,284. Method of obtaining crystallized sugar from wood sugar solutions. Koch Friedrich et al, Koch Hugo (inventors); N V Internationale Suiker, en Alcohol Cie (grantees). Issued 7-16-35.

2,008,297. Carrier for rolls of toilet paper and like rolls. Van Berkel Cornelis Franciscus Maria (inventor); Eras Vincent Joseph Maria (grantee). Issued 7-16-35.

2,008,805. Milk boiling apparatus. Van Buuren Theodoor (inventor). Issued 7-23-35.

2,008,851. Top. Canter Barend Alexander (inventor). Issued 7-23-35.

2,009,326. Manufacture of glass tubing and cane. Sanchez Vello Leopoldo (inventor); Mij Tot Beheer en Exploitatie van Octrooien (grantee). Issued 7-23-35.

2,009,491. Machine for laying a knot. Goldberger Franz (inventor); Groot Gerardus Hermanus (grantee). Issued 7-30-35.

2,009,495. Wabbler engine. Hulsebos Wichert (inventor). Issued 7-30-35.

2,009,531. Apparatus for spray drying rubber latex and other solutions dispersions or emulsions. Stam Martinus Joannes (inventor). Issued 7-30-35.

2,009,793. Process for the manufacture of glass tubes and automatic apparatus embodying the same. Sanchez Vello Leopoldo (inventor); Mattschappy Tot Beheer en, Exploitatie van Octrooien (grantees). Issued 7-30-35.

2,010,178. Flash eliminator for guns. De Bruin Gerrit (inventor); N V Nederlandsche, Springstoffenfabrieken (grantee). Issued 8-6-35.

2,012,341. Doorlatch. Eras Vincent Joseph Marie (inventor). Issued 8-27-35.

2,012,352. Motion picture camera. Rusting Hendrik et al, Rusting Nicolaas Jr (inventors). Issued 8-27-35.

2,012,366. Nonskid mechanism. Wevers Hendrik (inventor). Issued 8-27-35.

2,012,374. Process for removing gases from porous materials. Ten Bosch Abraham (inventor); N V Mij Tot Exploitatie van Ten, Bosch Octrooien N V (grantees). Issued 8-27-35.

2,013,149. Lavatory cistern. Gurck Arnoldus J (inventor). Issued 9-3-35.

2,014,056. Plug socket. Van Noorden Jan Willem (inventor). Issued 9-10-35.

2,015,200. Rotary pump. Spoor Willem Lodewijk Joost (inventor). Issued 9-24-35.

2,015,817. Heat insulation for wall structures. Schmidt Ernst (inventor); N V Internationale Alfol M IJ (grantee). Issued 10-1-35.

2,015,885. Method of producing a source of light. Dallenbach Walter (inventor); N V Machinerieen en Apparaten, Fabrieken Meaf (grantees). Issued 10-1-35.

2,016,632. Power transmission system. Frank Benjamin (inventor). Issued 10-8-35.

2,016,838. Installation for handling a lifeboat. Schat Ane Pieter (inventor). Issued 10-8-35.

2,017,605. Apparatus for mechanically folding over the side flaps of a sheet of dough. Peters Johannes Philippus (inventor). Issued 10-15-35.

2,017,626. Pipe coupling for scaffolds and the like. Kohnke Johan Friedrich (inventor). Issued 10-15-35.

2,018,135. Process for the production of high percentage alkali cyanides free from sulphides and chlorides. Konig Hermann Theodor Joseph (inventor); N V Stikstofbindings Industrie Nederland (grantee). Issued 10-22-35.

2,018,579. Life boat. Schat Ane Pieter (inventor). Issued 10-22-35.

2,018,984. Paper blank forming postcards. Van Mackelenbergh Jan (inventor). Issued 10-29-35.

2,020,232. Refrigerating apparatus. Bikkers Alexander (inventor); N V N V Athano (grantee). Issued 11-5-35.

2,020,763. Refrigerating apparatus. Bikkers Alexander (inventor); N V N V Athano (grantee). Issued 11-12-35.

2,022,014. Method for making reflex copies. Van der Grinten Lodewijk, Pieter Frans (inventors); N V Chemische Fabriek, L Van der Grinten (grantees). Issued 11-26-35.

2,022,236. Woven fabric. Graafstal Keimpe Tamme (inventor). Issued 11-26-35.

2,023,818. Coated steel electrode for arc welding. Muller Fritz (inventor); N V Machinerieen en Apparaten, Fabrieken Meaf (grantees). Issued 12-10-35.

2,025,646. Apparatus for the manufacture of cigar fillers. Colle Theodorus (inventor); Adriaan Marie Johan Dresselhuijs (grantee). Issued 12-24-35.

2,026,292. Copying of opaque originals by contact printing. Van der Grinten Lodewijk Pieter Frans (inventor); N V Chemische Fabriek, L Van der Grinten (grantees). Issued 12-31-35.

2,027,686. Coating compositions and the process for their production. Friedrich Paul (inventor); Trustkantoor Amstelland N V (grantee). Issued 1-14-36.

2,027,709. Safety device for protecting motor cars against fire after collision. Slebos Dirk (inventor). Issued 1-14-36.

2,027,904. Method of polymerizing monosaccharides. Farber Eduard (inventor); N V Internationale Suiker en Alcohol, Cie International Sugar and Alcohol, Company Isaco (grantees). Issued 1-14-36.

2,028,424. Door closing device. Van Dilien Albert (inventor). Issued 1-21-36.

2,030,548. Truck or tractor with two rear axles. Smeets Herman Rene Marie Gerard (inventor). Issued 2-11-36.

2,031,467. Device for continuous spinning and or twisting of textile fibers. De Roysancour Otto George Johan Struycken (inventors). Issued 2-18-36.

2,031,992. Stable gyroplane aircraft. Van Poelvoorde Pieter Jacobus (inventor). Issued 2-25-36.

,033,730. Electrode. Muller Fritz (inventor); N V Machinerieen en Apparaten, Fabrieken Meaf (grantee). Issued 3-10-36.

2,033,805. Method of and machine for the manufacture of continuous sheets of asbestos cement reenforced with wire netting. Arentsen Arie Hermanus (inventor); N V Handel en Exploitatie Mij in, Octrooien Van Gewapende Asbestcement, Producten Ferrocal (grantees). Issued 3-10-36.

2,033,902. Lens stereoscope. Van Albada Lieuwe E W (inventor). Issued 3-10-36.

2,034,320. Freewheel hub for cycles. Wilmink Gerrit (inventor). Issued 3-17-36.

2,034,452. Broiler. De Bije Anne J M A Van Der Does (inventor). Issued 3-17-36.

2,035,030. Process for obtaining alkali cyanides. Van Seters Arnoud Willy (inventor); N V Stikstofbindingsindustrie Nederland (grantee). Issued 3-24-36.

2,035,148. Process of preparing homogeneous solutions of cellulose in acids and of preparing artificial products therefrom. De Nooij Jan Cornelis et al, Gerritsen Dirk Jan (inventors). Issued 3-24-36.

2,035,162. Feed gear. Holm Waldemar (inventor); N V Machinerieen en Apparaten Fabrieken Meaf (grantee). Issued 3-24-36.

2,035,437. Process for preparing pulveriform rubber by spraying latex in a drying atmosphere. Stam Martinus Joannes (inventor). Issued 3-24-36.

2,035,470. Winding for direct current dynamo armatures having more than two superimposed coil sides per slot. Grob Hugo (inventor); N V Machinerieen en Apparaten Fabrieken Meaf (grantee). Issued 3-31-36.

2,037,356. Multiplying gear. Von Schütz Friedrich (inventor); N V Machinerieen en Apparaten Fabrieken Meaf (grantee). Issued 4-14-36.

2,037,605. Sorting machine for punched cards. Stuivenberg Cornelis Hendricus (inventor); N V Kamatec (grantee). Issued 4-14-36.

2,038,563. Gramophone record. Hermann Willy O (inventor); Van Raap Alfred (grantee). Issued 4-28-36.

2,039,048. Latch fastening for doors, windows and the like. Agterberg Gustaaf Adolf (inventor); Van Den Berg Simon Johannes (grantee). Issued 4-28-36.

2,039,262. Process for the manufacture of threads strings bands films and the like. Schulte Wilhelm (inventor); N V Koninklijke Pharmaceutische, Fabrieken V H Brocades Stheeman & Pharmacia (grantees). Issued 4-28-36.

2,039,263. Process for the manufacture of bands threads and the like. Schulte Wilhelm (inventor); N V Koninklijke Pharmaceutische, Fabrieken V H Brocades Stheeman & Pharmacia (grantees). Issued 4-28-36.

2,039,692. Dust collector. Van Tongeren Hermannus (inventor). Issued 5-5-36.

2,039,897. Radio receiver for ultra short waves. Gerhard Ernst (inventor); N V Machinerieen en Apparaten Fabrieken Meaf (grantees). Issued 5-5-36.

2,040,383. Means for joining electric current conductors. Jasper Christiaan Hendrik (inventor). Issued 5-12-36.

2,040,453. Internal combustion engine. Weber Jacobus Ludwich Wilhelm (inventor). Issued 5-12-36.

2,041,305. Process for the preparation of a plastic vulcanizable material from rubber gutta percha balata and the like. Stam Martinus Joannes (inventor). Issued 5-19-36.

2,042,894. Fuel briquette and method for the production of same. Hazelzet Leendert Johannes Jacobus (inventor). Issued 6-2-36.

2,043,131. Horizontal centrifuge. Van Riel Pieter (inventor); N V Machinefabriek Reineveld (grantee). Issued 6-2-36.

2,043,601. Electric cooking oven. Windemuller Jan Hendrik (inventor); Mij Van Berkel S Patent N V (grantee). Issued 6-9-36.

2,043,940. Apparatus for the manufacture of yeast. Van Thiel Emile (inventor); N V Industrieele Mij, Voorheen Noury and Van Der Lande (grantees). Issued 6-9-36.

2,044,194. Process of preparing dry powder from emulsions and solutions. Visser Johan Marie (inventor). Issued 6-16-36.

2,044,403. Means for handling a ship's lifeboat. Schat Ane Pieter (inventor). Issued 6-16-36.

2,045,222. Safety razor and blade. Ern Robert (inventor). Issued 6-23-36.

2,045,224. Duplex communication system. Gerhard Ernst (inventor); N V Machinerieen en Apparaten Fabrieken Meaf (grantee). Issued 6-23-36.

2,046,527. Shock absorber for vehicles. Morgenroth Henri (inventor); N V De Schelde (grantee). Issued 7-7-36.

2,047,299. Cooling vessel for preserving food products and the like. Van Swijndregt Hubertus et al, Hendrik Montauban, De Bruyn Gerrit Johannes (inventors). Issued 7-14-36.

2,047,377. Display figure. Liwschutz Georg (inventor); N V Adverteerings Mij (grantee). Issued 7-14-36.

2,047,494. Means for handling life boats on board a vessel. Schat Ane Pieter (inventor). Issued 7-14-36.

2,047,588. Centrifugal casting machine. Ledeboer Jeremias H (inventor); Koninklijke Nederlandsche, Hoogovens en Staalfabrieken N V (grantees). Issued 7-14-36.

2,047,922. Gyroscope controlled apparatus. Seligmann Johannes (inventor); Nederlandische Technische H Mij Giro (grantee). Issued 7-14-36.

2,051,582. Method for producing copies by reflectography. Van Der Grinten Lodewijk Pieter Frans (inventor); N V Chemische Fabriek L Van Der Grinten (grantee). Issued 8-18-36.

2,051,583. Method for making reflex copies. Van Der Grinten Lodewijk Pieter Frans (inventor); N V Chemische Fabriek L Van Der Grinten (grantee). Issued 8-18-36.

2,051,584. Method of making copies with reduced screen structure. Van Der Grinten Lodewijk Pieter Frans (inventor); N V Chemische Fabriek L Van Der Grinten (grantee). Issued 8-18-36.

2,051,585. Process of making reflex copies. Van Der Grinten Lodewijk Pieter Frans (inventor); N V Chemische Fabriek L Van Der Grinten (grantee). Issued 8-18-36.

2,051,586. Method of making irradiation subdividing screens. Van Der Grinten Lodewijk Pieter Frans (inventor); N V Chemische Fabriek L Van Der Grinten (grantee). Issued 8-18-36.

2,052,265. Tuning scale. Wiegand Josef Artur (inventor); Weenink Petrus Reinier (grantee). Issued 8-25-36.

2,052,339. Ultra short wave apparatus. Dallenbach Walter (inventor); N V Machinerieen en Apparaten Fabrieken Meaf (grantee). Issued 8-25-36.

2,052,938. Impregnating device. Neuhold Walter (inventor); N V Machinerieen en Apparaten Fabrieken Meaf (grantee). Issued 9-1-36.

2,053,012. Process of preparing soluble starch. Van Der Meulen Johannes Hendrik (inventor). Issued 9-1-36.

2,053,013. Process of preparing starch products. Van Der Meulen Johannes Hendrik (inventor). Issued 9-1-36.

2,054,895. Short wave radiation. Dallenbach Walter (inventor); N V Machinerieen en Apparaten Fabrieken Meaf (grantee). Issued 9-22-36.

2,054,896. Reflector system for ultrashort electric waves. Dallenbach Walter (inventor); N V Machinerieen en Apparaten Fabrieken Meaf (grantee). Issued 9-22-36.

2,054,902. Compound winding. Grob Hugo (inventor); N V Machinerieen en Apparaten Fabrieken Meaf (grantee). Issued 9-22-36.

2,055,559. Substitute for handkerchiefs. Roet Isaac (inventor). Issued 9-29-36.

2,055,693. Capsule for containers. Lewin Falk (inventor). Issued 9-29-36.

2,058,238. Combination garment or so-called overalls. Kayser Gerhard Herman (inventor). Issued 10-20-36.

2,058,835. Process for the manufacture of threads, strings, bands, films, and the like. Schulte Wilhelm (inventor); N V Koninklijke Pharmaceutische Fabrieken, V H Brocades Stheeman, and Pharmacia (grantee). Issued 10-27-36.

2,059,030. Resilient vehicle wheel. Ravestein Willem, dec., et al, Ravestein Maria Anna Philippina, excx (inventors); N V Handelsvereenizing V H FA Bessel KOK (grantee). Issued 10-27-36.

2,059,319. Adjustable door handle coupling. De Vries Abraham (inventor); N V Ijzerhandel I M De Vries (grantee). Issued 11-3-36.

2,060,029. Top with a hollow stem and a rotatably connected object. Canter Barend Alexander (inventor). Issued 11-10-36.

2,060,397. Process for reenforcing of furs. Kleine Josephus Antonius (inventor). Issued 11-10-36.

2,060,433. Control device for one or more machines. Van Cappellen Johan Hendrik (inventor). Issued 11-10-36.

2,060,934. Radio communication with very short waves. Gerhard Ernst (inventor); N V Machinerieen en Apparaten Fabrieken Meaf (grantee). Issued 11-17-36.

2,060,935. Arrangement for improving the commutation in direct current machines. Grob Hugo (inventor); N V Machinerieen en Apparaten Fabrieken Meaf (grantee). Issued 11-17-36.

2,061,508. Ultra short wave apparatus. Dallenbach Walter (inventor); N V Machinerieen en Appaarten Fabrieken Meaf (grantee). Issued 11-17-36.

2,061,877. Manicuring implement. Naundorf Wilhelm (inventor). Issued 11-24-36.

2,062,719. Regulating transformer. Leischner Georg (inventor); N V Machinerieen en Apparaten Fabrieken Meaf (grantee). Issued 12-1-36.

2,062,720. Regulating transformer. Leischner Georg (inventor); N V Machinerieen en Apparaten Fabrieken Meaf (grantee). Issued 12-1-36.

2,063,166. Device for boiling sugar juices to crystals. Jansse Hermanus Andreus Ditmar (inventor). Issued 12-8-36.

2,063,273. Supporting and advertising or display device for persons standing in public vehicles. Singer Leopold (inventor); N V Textima Textielnijverheid en H Mij (grantee). Issued 12-8-36.

2,064,242. Radio receiving set for ultra short waves. Dallenbach Walter (inventor); N V Machinerieen en Apparaten Fabrieken Meaf (grantee). Issued 12-15-36.

2,064,359. Microbiological preparation of 2 3 butylene glycol. Scheffer Marinus Adrianus (inventor); N V Nederlandsche Gist en Spiritusfabriek (grantee). Issued 12-15-36.

2,065,317. Suspension device for electric light fittings. Knotschke Carl August Rudolph (inventor). Issued 12-22-36.

2,065,473. Apparatus for operating movable members. Liwschutz Georg (inventor); N V Adverteerings Mij (grantee). Issued 12-22-36.

2,065,968. Rubber tire for self propelled road vehicles. Goltstein Ewald (inventor). Issued 12-29-36.

2,066,125. Process of manufacturing mixed ethers of higher alcohols with polar groups and application of the same for textile purposes. Rozenbroek Meindert Danius (inventor). Issued 12-29-36.

2,067,342. Method for making electrically welded chain links. Rauwenhoff Frans Christiaan (inventor); N V Koninklijke Nederlandsche Grofsmederij (grantee). Issued 1-12-37.

2,068,737. Locking device for two relatively disconnectable parts. De Vries Abraham (inventor); N V Ijzerhandel I M de Vries (grantee). Issued 1-26-37.

2,068,792. Screw propeller turbine rotor and like device. Dekker Adriaan Jan (inventor). Issued 1-26-37.

2,068,826. Belt fastener. Timmerbeil Alfred (inventor). Issued 1-26-37.

2,069,587. Means for starting an internal combustion engine. Mattern Heinrich Maurits Meier (inventor); Werkspoor N V (grantee). Issued 2-2-37.

2,069,958. Implement for conditioning lawns. Diemer Kool Alexander Anthon (inventor). 2-9-37.

2,070,108. Adjusting device. Bargeboer Adolf (inventor). 2-9-37.

2,070,701. Electrical sound emitting apparatus. Wilckens Ernst (inventor); N V Machinerieen en Apparaten Fabrieken Meaf (grantee). Issued 2-16-37.

2,070,727. Elastic pad for springless hernia bandages. Hamann Friedrich Albert (inventor). Issued 2-16-37.

2,070,923. Gyroscopic compass. Richter Oskar (inventor); N V Nederlandsche Technische H Mij Giro (grantee). Issued 2-16-37.

2,072,390. Apparatus for taking photographs of the upper and lower jaws. Van Hartingsvelt Hendrik (inventor). Issued 3-2-37.

2,072,483. Bathing cap. Naundorf Wilhelm Karl (inventor). Issued 3-2-37.

2,073,431. Discharge tube. Trenzen Carl (inventor). Issued 3-9-37.

2,073,445. Weighing machine comprising means for operating a valve a counter or another device. De Iongh Johan Hendrik (inventor). Issued 3-9-37.

2,074,253. Ultrashort wave tube. Dallenbach Walter (inventor); N V Machinerieen en Apparaten Fabrieken Meaf (grantee). Issued 3-16-37.

2,076,335. Selecting device. Dallenbach Walter (inventor); N. V. Machinerieen en Apparaten Fabrieken Meaf (grantee). Issued 4-6-37.

2,076,891. Gas producer. Hillebrand Hermann (inventor); N V Machinerieen en Apparaten Fabrieken Meaf (grantee). Issued 4-13-37.

2,076,913. Device for rendering visible reference points in geodetic surveying. Muller Paul (inventor); N V Machinerieen en Apparaten Fabrieken Meaf (grantee). Issued 4-13-37.

2,078,169. Gas oven. Windemuller Jan Hendrik (inventor); Mij Van Berkels Patent N V (grantee). Issued 4-20-37.

2,078,832. Process and a device for manufacturing briquettes by compression. Bolk Willem (inventor); N V Mij Tot Exploitatie Van Ten Bosch Octrooien N V (grantee). Issued 4-27-37.

2,079,300. Printing press for printing on reels & similar rotatory bodies. Nunnikhoven Johannes (inventor); Carp S J A Garenfabrieken N V (grantee). Issued 5-4-37.

2,079,430. Oil burner device. Bargeboer Adolf (inventor). Issued 5-4-37.

2,079,843. Transformer. Dallenbach Walter et al, Leischner Georg (inventors); N Y Machienerieen en Apparaten Fabrieken Meaf (grantee). Issued 5-11-37.

2,079,951. Binding agent for paints lacquers and varnishes. Rinse Jacobus (inventor); N V Tot Voortzetting Der Zaken Van Pieter Schoen & Zoon (grantee). Issued 5-11-37.

2,080,656. Knob attachment. De Vries Abraham (inventor); N V Ijzerhandel I M De Vries (grantee). Issued 5-18-37.

2,081,097. Manufacture of hydrogen peroxide. Reinders Willem (inventor); N V Industrieele Mij Voorheen Noury and Van Der Lande (grantee). Issued 5-18-37.

2,081,517. Conducting rubber and its application. Van Hoffen Hendrik Adriaan Marius, N V Hollandsche Draad en Kabelfabriek (grantee). Issued 5-25-37.

2,082,304. Manufacture of rubber products. Stam Martinus Joannes (inventor). Issued 6-1-37.

2,082,370. Shorthand writing machine. Vonck Gerhard Hendrik Clement (inventor). Issued 6-1-37.

2,083,317. Device controlled by radiated energy. Dallenbach Walter (inventor); N V Machinerieen en Apparaten Fabrieken Meaf (grantee). Issued 6-8-37.

2,084,663. Rope cutting device. Zwaal Paul Johan (inventor). Issued 6-22-37.

2,084,725. Gas filled discharge tube. Dallenbach Walter (inventor); N V Machinerieen en Apparaten Fabrieken Meaf (grantee). Issued 6-22-37.

2,085,358. Tin with a jamming slip on cover. Gunzel Rudolf (inventor); Sippell Wilhelm Valentin (grantee). Issued 6-29-37.

2,085,484. Meat cutting machine. Van Lammeren Willem P (inventor). Issued 6-29-37.

2,086,372. Drift sight indicator. Van Albada Lieuwe E W (inventor). Issued 7-6-37.

2,086,423. Reception of ultra short waves. Kohl Karl (inventor); N V Machinerieen en Apparaten Fabrieken Meaf (grantee). Issued 7-6-37.

2,086,449. Method of assembling hooks and spacing strips for belt fasteners. Timmerbeil Alfred (inventor). Issued 7-6-37.

2,086,452. Automatic regulating device in air heating plants for railway vehicles. Von Schutz Friedrich (inventor); N V Machinerieen en Apparaten Fabrieken Meaf (grantee). Issued 7-6-37.

2,088,284. Device for conveying articles in continuous furnaces. Bertrand Pierre (inventor); N V Mij Tot Beheer en Exploitatie Van Octrooien (grantee). Issued 7-27-37.

2,088,320. Fastening. De Vries Abraham (inventor); N V Yzerhandel I M De Vries (grantee). Issued 7-27-37.

2,088,788. Valve especially for pneumatic tires. Hage David (inventor). Issued 8-3-37.

2,088,842. Ultra short wave generator. Dallenbach Walter (inventor); N V Machinerieen en Apparaten Fabrieken Meaf (grantee). Issued 8-3-37.

2,089,070. Blanket fabric. Regout Jules Willem Marie Hubert (inventor). Issued 8-3-37.

2,089,757. Drawing apparatus. Nieuwkamp Jan (inventor). Issued 8-10-37.

2,089,933. Driving device for a centrifugal spinning machine. Hofstede Crull Rento Wolter Hendrik (inventor); N V Internationale Spinpot Exploitatie Mij I S E M (grantee). Issued 8-17-37.

2,090,033. Short wave discharge tube. Dallenbach Walter (inventor); N V Machinerieen en Apparaten, Fabrieken Meaf (grantee). Issued 8-17-37.

2,090,062. Headlight for motor vehicles. Muller Paul (inventor); N V Machinerieen en Apparaten Fabrieken Meaf (grantee). Issued 8-17-37.

2,090,920. Device for the adjustment of members especially of the types in machines operating with punched cards. Stuivenberg Cornelis Hendricus (inventor); N V Kamatec (grantee). Issued 8-24-37.

2,091,857. Light buoy and method for feeding same. Jaedicke Friedrich (inventor); N V Machinerieen en Apparaten Fabrieken Meaf (grantee). Issued 8-31-37.

2,092,332. Production of mixtures of bituminous substances with rubber. Plaizier Johan Aart et al, Fol Jean Gerard (inventors); Internationale Vereeniging Voor de Rubber en Andere Cultures in Nederlandsch Indie (grantee). Issued 9-7-37.

2,092,341. Means for securing articles to walls and the like. De Vries Abraham (inventor). Issued 9-7-37.

2,092,740. Rotary pump. Bargeboer Adolf (inventor); Machinefabriek Gebr Stork & Co N V (grantee). Issued 9-7-37.

2,092,844. Apparatus for counterbalancing a force. Hoekstra Hendrik Arius (inventor). Issued 9-14-37.

2,093,028. Apparatus for imparti g a given density to substances in powder form and for filling up limited spaces with controllable quantities of the said substances. Bolk Willem (inventor); N V Mij Tot Exploitatie Van Ten Bosch Octrooien N V (grantees). Issued 9-14-37.

2,093,029. Pressing mold for the manufacture of briquettes from fine grained materials in powder form and the like. Bolk Willem (inventor); N V Mij Tot Exploitatie Van Ten Bosch Octrooien N V (grantees). Issued 9-14-37.

2,093,047. Process of manufacturing stable humus products. Hudig Joost et al, Van Reesema Nikolaas Hendrick Siewertsz (inventors). Issued 9-14-37.

2,093,052. Mop. Muckenhirn Ottilie (inventor); Peco Holding Mij N V (grantee). Issued 9-14-37.

2,093,708. Curtain rail. Breuer Karl (inventor). Issued 9-21-37.

2,094,067. Hair waving process. Gyrath Johannes Hendrikus (inventor). Issued 9-28-37.

2,097,009. Sound emitting apparatus. Wilckens Ernst (inventor); N V Machinerieen en Apparaten Fabrieken Meaf (grantees). Issued 10-26-37.

2,097,079. Metal seal. Perquin Joannes Jacobus (inventor). Issued 10-26-37.

2,097,108. Device for connecting the ends of belts straps and the like. Timmerbeil Alfred (inventor). Issued 10-26-37.

2,097,759. Corrective sole. Ehrlich Edward (inventor). Issued 11-2-37.

2,097,770. Transformer. Morelisse Jan (inventor). Issued 11-2-37.

2,097,831. Surface printing plate more particularly offset printing plate and the process for printing therewith. Boekelman Willem Anthonius et al, Elfers Alberthus (inventors). Issued 11-2-37.

2,098,152. Treatment of sewage and other waste liquors. Kessener Herman Joseph Nicolaas Hubert (inventor). Issued 11-2-37.

2,098,868. Door handle and like fastening. Grimmond Robert (inventor). Issued 11-9-37.

2,098,894. Rear wheel support for a motor vehicle. Van Doorne Hubertus Josephus et al, Van Der Trappen Pieter Herman (inventors). Issued 11-9-37.

2,099,874. Method of evacuating vessels more particularly lamps. Trenzen Carl (inventor). Issued 11-23-37.

2,100,635. Snap fastener. De Vries Abraham (inventor). Issued 11-30-37.

2,101,376. Percussive boring tool. Voigtlander Hermann (inventor); N V Wallramit Handel Mij (grantees). Issued 12-7-37.

2,101,610. Electric discharge tube. Dallenbach Walter (inventor); N V Machinerieen en Apparaten Fabrieken Meaf (grantees). Issued 12-7-37.

2,101,726. Manufacture of molds used for casting metal pipes & the like by the centrifugal method. Van Zijp Antonius J (inventor); Koninklijke Nederlandsche Hoogovens En Staalfabrieken N V (grantees). Issued 12-7-37.

2,102,107. Production of ammonium sulphate. Berkhoff Gerrit Jr. (inventor); De Directie Van De Staatsmijnen In Limburg (grantees). Issued 12-14-37.

2,102,999. Fastener. De Vries Abraham (inventor); N V Ijzerhandel I M De Vries (grantee). Issued 12-21-37.

2,103,010. Wall connecter. Kohnke Johan Friedrich (inventor). Issued 12-21-37.

2,103,802. Apparatus for separating in one operation hollow bricks from a clay rod or the like and for closing said bricks. Ullrich Alfred Heinrich (inventor). Issued 12-28-37.

2,104,034. Coin controlled vending apparatus for ice cream packages. Hamel Wilhelm (inventor); Carp S Handelsbureau voor Aviatiek en Scheepszaken N V (grantees). Issued 1-4-38.

2,104,890. Process of separating from pig iron the vanadium contained therein. Wark Nicolaus (inventor). Issued 1-11-38.

2,104,968. Process of preparing purified glycyrrhizine. Bertram Simon Hendrik. (inventor). Issued 1-11-38.

2,105,026. Electron tube. Dallenbach Walter (inventor); N V Machinerieen en Apparaten Fabrieken Meaf (grantees). Issued 1-11-38.

2,105,052. Process for manufacturing paper. Oltmans Johan (inventor). Issued 1-11-38.

2,104,438. Process and apparatus for producing percompounds. Hartman Hermanus (inventor); N V Industrielle Mij Voorheen Noury & Van Der Lande (grantees). Issued 1-11-38.

2,106,952. Process of producing anhydrous alkali metal sulphides. Konig Hermann Theodor Joseph (inventor); N V Stikstofbindingsindustrie Nederland (grantees). Issued 2-1-38.

2,107,808. Kite. Van Ittersum Willem H A G (inventor). Issued 2-8-38.

2,110,046. Broadcasting with reduced band width. Koomans Nicolaas (inventor). Issued 3-1-38.

2,110,531. Railway rail joint. Scheffers Petrus P H G (inventor); Mesters Jan A H (grantee). Issued 3-8-38.

2,110,660. Heating thermal insulation. Doczekal Rudolf (inventor); N V Internationale Alfol Mij (grantee). Issued 3-8-38.

2,111,757. Vacuum discharge vessel. Dallenvach Walter (inventor); N V Machinerieen en Apparaten Fabrieken Meaf (grantees). Issued 3-22-38.

2,111,878. Means for draining moisture from steam in steam turbines. Van Tongeren Hermannus (inventor). Issued 3-22-38.

2,112,334. Supporting device for the front part of a semitrailer. Van Doorne Hubertus Josephus (inventor). Issued 3-29-38.

2,113,901. Releasable handle fastening device on tools. Pion Max (inventor); Peco Holding Mij N V (grantee). Issued 4-12-38.

2,114,106. Grinding device. Geveke William (inventor). Issued 4-12-38.

2,114,232. Searchlight. Muller Paul (inventor); N V Machinerieen en Apparaten Fabrieken Meaf (grantees). Issued 4-12-38.

2,114,468. Processes for copying on positive diazotype layers. Van der Grinten Lodewijk, Pieter Frans (inventors); N V Chemische Fabriek L Van der Grinten (grantees). Issued 4-19-38.

2,116,085. Vacuum cleaning apparatus. Van Berkel Wilhelmus Adrianus (inventor); Mij Van Berkel S Patent N V (grantee). Issued 5-3-38.

2,116,252. Alloys for electrical contacts and electrodes. Schwarzkopf Hans Heinrich (inventor); N V Molybdenum Comp (grantee). Issued 5-3-38.

2,116,638. Advertising device. Prins Leendert (inventor). Issued 5-10-38.

2,117,155. Calculating device. Dussel Cornelis Jan (inventor); Jelier Cornelis Adrianus (grantee). Issued 8-8-39.

2,117,255. Resins and process of making same. Priester Remmet (inventor); N V Industrieele Mij Voorheen Noury and van der Lande (grantees). Issued 8-8-39.

2,117,830. Process for making heat exchangers and the like. Van der Beyl Willem Fredrik (inventor); N V Martens Brandkastenfabriek (grantees). Issued 5-17-38.

2,118,903. Process for the manufacture of nitrogen trichloride. Staudt Erich (inventor). Issued 5-31-38.

2,118,904. Process for the manufacture of chloro amines. Staudt Erich et al, van der Lee Gerrit (inventors). Issued 5-31-38.

2,119,153. Regulation of state values. Dallenbach Walter (inventor). N V Machinerieen en Apparaten Fabrieken Meaf (grantees). Issued 5-31-38.

2,119,188. Process for aerating liquids in the production of yeast. Van Der Lande Bernardus et al, Lebuinus Maria, Van Thiel Emile (inventors); N V Indusrieele Mij Voorheen Noury and van der Lande (grantees). Issued 5-31-38.

2,119,932. Process for the manufacture of rubber dust. Stam Martinus Joannes (inventor). Issued 6-7-38.

2,119,965. Alloy. Schwarzkopf, Hans Heinrich (inventor); N V Molybdenum Comp (grantee). Issued 6-7-38.

2,120,343. Artificial resins. Wolf Isidore George (inventor). Issued 6-14-38.

2,120,387. Device for burning atomized liquid fuel. Bargeboer Adolf (inventor). Issued 6-14-38.

2,120,388. Atomizer for hydrocarbons. Bargeboer Adolf (inventor). Issued 6-14-38.

2,120,441. Process for applying silver halide colloid layers without distortion on future printing forms. Leiber Ferdinand (inventor); N V Nederlandsch Laboratorium de Spaarnestad (grantees). Issued 6-14-38.

2,120,489. Process of preparing food products from papaya fruit. De Neve Theodoor Alexander (inventor). Issued 6-14-38.

2,120,637. Coupler for trailing ordnance and the like. Van Doorne Hubertus Josephus (inventor). Issued 6-14-38.

2,121,455. Universal coupling. Ten Broek Alexander Petrus Antonius (inventor). Issued 6-21-38.

2,122,338. Shuttle for looms. Cohen Abraham (inventor). Issued 6-28-38.

2,122,523. Device for severing measured portions from a bar of ice cream. Hulskamp Bernardus (inventor). Issued 7-5-38.

2,123,070. Device for use in connecting wire ends. van Viersen Jacob Hendrick (inventor); Thabur Industrieele en Technische, Hmij N V (grantees). Issued 7-5-38.

2,123,297. Process of preparing perforated metal articles. Beynen Laurens Rynhart et al, van Dorp Bernard Marie, van de pol Willem (inventors). Issued 7-12-38.

2,123,773. Buckle and like ornament for personal wear. Eppink Albert Jan (inventor). Issued 7-12-38.

2,124,701. Gramophone record. Herrmann Willy O (inventor); van Raap Alfred (grantee). Issued 7-26-38.

2,124,858. Device for guiding and stacking letters and similar papers in letter sorting apparatus. Marchand Jean Joseph Martin Lambert (inventor). Issued 7-26-38.

2,124,968. Torsion balance. Ahrndt Emil Adolf et al, Sondagh Hermanus Wilhelmus (inventors); N V Vereenigde Draadfabrieken (grantee). Issued 7-26-38.

2,126,899. Development process and developer for producing hardened images upon exposed silver halide colloid emulsions. Leiber Ferdinand (inventor); N V Nederlandsch Laboratorium de Spaarnestad (grantees). Issued 8-16-38.

2,127,079. Inlet manifold for internal combustion engines. Barkeij Jean A H (inventor); Barkeij F A H (grantee). Issued 8-16-38.

2,127,123. Cushioning of automobiles or like vehicles. Liem See Thie (inventor). Issued 8-16-38.

2,128,231. High frequency oscillator tube. Dallenbach Walter (inventor); N V Machinerieen en Apparaten Fabrieken Meaf (grantees). Issued 8-30-38.

2,128,232. Electron tube. Dallenbach Walter (inventor); N V Machinerieen en Apparaten Fabrieken Meaf (grantees). Issued 8-30-38.

2,128,233. Electron tube. Dallenbach Walter (inventor); N V Machinerieen en Apparaten Fabrieken Meaf (grantees). Issued 8-30-38.

2,128,234. Electron tube. Dallenbach Walter (inventor); N V Machinerieen en Apparaten Fabrieken Meaf (grantees). Issued 8-30-38.

2,128,235. Vacuum discharge tube. Dallenbach Walter (inventor); N V Machinerieen en Apparaten Fabrieken Meaf (grantees). Issued 8-30-38.

2,128,236. Vacuum discharge tube. Dallenbach Walter (inventor); N V Machinerieen en Apparaten Fabrieken Meaf (grantees). Issued 8-30-38.

2,128,626. Hydraulic shock absorber. Visser Regnerus Josephus Ignatius (inventor). Issued 8-30-38.

2,128,732. Process for manufacturing driers. Priester Remmet (inventor); N V Industrieele Mij Voorheen, Noury & van der Lande (grantees). Issued 8-30-38.

2,129,108. Clutch. Ten Broek Alexander P A (inventor). Issued 9-6-38.

2,131,022. Process of manufacturing artificial compositions. Ten Cate Steven Jan Blaupot (inventor). Issued 9-27-38.

2,132,186. Electric accumulator. Ramakers Eduard Willem Louis (inventor). Issued 10-4-38.

2,132,588. Diaromatic peroxide. Straub Jan (inventor); Oosterhuis Albert Gerrit (grantee). Issued 10-11-38.

2,133,675. Method of manufacturing briquettes. Ten Bosch Abraham (inventor); N V Mij Tot Exploitatie Van Ten Bosch Octrooien N V (grantees). Issued 10-18-38.

2,134,460. Jet device injector or ejector. van den Honert August (inventor). Issued 10-25-38.

2,134,996. Refrigerating machine of the absorption type. Bikkers Alexander (inventor); Poel Willem Frederik (grantee). Issued 11-1-38.

2,135,009. Process of separating hydrocarbon mixtures into fractions. Landau Max (inventor); N V Machinerieen en Apparaten Fabrieken Meaf (grantees). Issued 11-1-38.

2,135,163. Electric connecter. Boon Anthonie Adrianus et al, Barknowitz Hans, Uitermark Gerard Martin (inventors); de Jong Louis (grantee). Issued 11-1-38.

2,137,429. Money carrier. Voss Walter Christian (inventor). Issued 11-22-38.

2,138,417. Arrangement for avoiding the disturbances attendant on the transformer potential in alternating current collector motors. Dallenbach Walter et al, Leischner George (inventors); N V Machinerieen en Apparaten Fabrieken Meaf (grantee). Issued 11-29-38.

2,139,047. Process and apparatus for cleaning coals and other materials. Tromp Klaas F (inventor). Issued 12-6-38.

2,139,605. Block for pulley tackles. Schat Ane Pieter (inventor). Issued 12-6-38.

2,139,782. Film holder for stereoscopic pictures. Van Alboada Lieuwe E W. (inventor). Issued 12-13-38.

2,140,882. Wetting cleaning bleaching foaming and dispersive agents for textile purposes and the like and applicatian of the same. Rozenbroek Meindert Danius (inventor); N V Chemische Fabriek Servo (grantee). Issued 12-20-38.

2,141,340. Safety hair cutting appliance. Baumgarten Henri George (inventor); N V Eau de Colognefabriek Johann, Maria Farina (grantees). Issued 12-27-38.

2,141,452. Means for launching lifeboats. Schat Ane Pieter (inventor). Issued 12-27-38.

2,142,265. Process of manufacturing crystalline substances. Diekmann Joseph Johannes (inventor); N V Chemische Fabriek Gembo (grantee). Issued 1-3-39.

2,142,292. Process for manufacturing artificial leather. Ten Cate Steven Jan Blaupot (inventor). Issued 1-3-39.

2,142,625. High tension cable. Zoethout Daniel Allard Coert (inventor); N V Hollandsche Draad En Kabelfabriek (grantees). Issued 1-3-39.

2,142,926. Process for extracting ores and the like. Van Es Adriaan Cornelis (inventor); N V Mij Voor Zwavelzuurbereiding, Voorheen G T Ketjen & Co (grantees). Issued 1-3-39.

2,143,611. Railway track aligning device. Nijenhuis Hendrik Jan (inventor). Issued 1-10-39.

2,145,626. Two stroke internal combustion engine. Kuhnast Oswald (inventor). Issued 1-31-39.

2,145,635. Method of making slippers. Rosenberg Walter (inventor). Isued 1-31-39.

2,146,326. Process for obtaining alcohol by fermentation of liquids containing carbohydrate. Bergius Friedrich et al, Koch Hugo, Zimmerman Herman (inventors); N V Internationale Suiker En Alcohol Cie International Sugar and Alcohol Co Isaco grantee). Issued 2-7-39.

2,146,342. Air screw. Koyemann Alfred (inventor); N V Derde Nederlandsche, Patenten Mij D N P M (grantees). Issued 2-7-39.

2,146,662. Sighting instrument. Van Albada Lieuwe E W (inventor). Issued 2-7-39.

2,147,104. Process of manufacturing cold swelling starch. Moller Frederik Andre (inventor); N V W A Scholten S Chemische Fabrieken (grantees). Issued 2-14-39.

2,147,222. Process for the gradual separation of mixtures according to the countercurrent principle. Treub Jacobus Petrus (inventor); N V Vereenigde Fabrieken Van Stearine Kaarsen en Chemische Producten (grantees). Issued 2-14-39.

2,148,945. Plug. Hoedemaker Meijlom (inventor). Issued 2-28-39.

2,149,682. Process of improving the baking strength of flour. Jorgensen Holger (inventor); N V Noury and Van Der Lande S Exploitatie Mij (grantees). Issued 3-7-39.

2,150,508. Appliance for use in the teaching of arithmetic. Kuiper Cornelis (inventor); Iddink Johannes (grantee). Issued 3-14-39.

2,152,113. Hydraulic power transmission. Van Lammeren Willem Petrus (inventor). Issued 3-28-39.

2,152,114. Dust separator. Van Tongeren Hermannus (inventor). Issued 3-28-39.

2,152,115. Dust collector. Van Tongeren Hermannus (inventor). Issued 3-28-39.

2,152,269. Tube plate for multitubular boilers. Huygen Frederic C (inventor); N V Machinefabriek Breda V H Backer and Rueb (grantees). Issued 3-28-39.

2,152,891. Pipe support. Kohnke Johan Friedrich (inventor). Issued 4-4-39.

2,154,577. Keyboard for a shorthand or stenographic typewriting machine. Den Outer Marius (inventor); N V Velotype Systeem Den Outer (grantee). Issued 4-18-39.

2,154,684. Shirt. Kool Samuel (inventor). Issued 4-18-39.

2,155,914. Process for the preparation of a bleaching and sterilizing agent. Van Der Lee Gerrit (inventor); N V Industrieele Mij Voorheen Noury & Van Der Lande (grantees). Issued 4-25-39.

2,156,737. Process of preparing octadecadiene acid. Priester Remmet (inventor); N V Noury & Van Der Lande S Exploitatiemij (grantees). Issued 5-2-39.

2,157,197. Apparatus for measuring predetermined quantities by weighing. Van Duyn Adrianus (inventor). Issued 5-9-39.

2,157,456. Method of uniting sprayed metal to wood. Koyemann Alfred (inventor); N V Derde Nederlandsche Patentenmij D N P M (grantees). Issued 5-9-39.

2,158,248. Electrical amplifying system and method of operation. Numans Johannes Jacques (inventor). Issued 5-16-39.

2,158,411. Method for restraining or preventing the action of proteolytic enzymes. Elion Leonard (inventor). Issued 5-16-39.

2,158,491. Coke oven door. Beimann Wilhelm Decd et al, Beimann Elizabeth Admx. (inventors); Otto Wilputte Ovenbouw Mij N V (grantee). Issued 5-16-39.

2,158,557. Turbine. Van Lammeren Willem Petrus (inventor). Issued 5-16-39.

2,158,666. Chamber oven. Otto Carl (inventor); Otto Wilputte Ovenbouw Mij Otto Wilputte Construction Co N V (grantees). Issued 5-16-39.

2,159,270. Device for laying cloths about pre pressed cakes in oil pressing apparatus. Honig Adriaan Nicolaas (inventor); N V Oliefabrieken Het Hart en de Zwaan Voorheen Adriaan Honig (grantees). Issued 5-23-39.

2,159,359. Under fired coke oven. Philipsen Nikolaus M (inventor); Otto Wilputte Ovenbouw Mij Otto Wilputte Oven Construction Co N V (grantees). Issued 5-23-39.

2,160,533. Apparatus for continuously crystallizing solutions by evaporation or cooling. Bonath Richard (inventor); Werkspoor N V (grantee). Issued 5-30-39.

2,160,582 Control device. Brugma Antoine Johan (inventor). Issued 5-30-39.

2,161,644. Method and means for measuring radiant energy. Van der Grinten Lodewijk Pieter Frans (inventor); N V Chemische Fabriek L Van Der Grinten (grantee). Issued 6-6-39.

2,161,731. Process for preparing a concentrated rubber dispersion from latex and product. Van Harpen Nicolaas Hendrik (inventor); Albemeene Vereeniging Van, Rubber Planters Ter Oostkust Van, Sumatra (grantees). Issued 6-6-39.

2,163,737. Automatic diaphragm working by means of a photoelectric cell a light sensitive element or the like. Prinsen Frederik Berthus Archibald (inventor). Issued 6-27-39.

2,163,839. Device for conveying and stripping press cakes. Honig Adriaan Nicolaas (inventor); N V Oliefabrieken het hart en de, Zwaan Voorheen Adriaan Honig (grantees). Issued 6-27-39.

2,163,898. Process for the production of hydrogen peroxide. Van Der Lande Johannes Antonius, Lebuinus (inventors); N V Industrieele Mij Voorheen, Noury & Van Der Lande (grantees). Issued 6-27-39.

2,164,732. Stay for windows or similar closures. De Vries Abraham (inventor). Issued 7-4-39.

2,165,530. Fat hardening process. Bertram Simon Hendrik (inventor); N V Industrieele Exploitatie Mij (grantee). Issued 7-11-39.

2,165,738. Electric conducting element. Van Hoffen Hendrik Adriaan Marius (inventor); N V Hollandsche Draad En, Kabelfabriek (grantees). Issued 7-11-39.

2,166,590. Electric circuit breaker. Hidde Nijland Hendrik A (inventor). Issued 7-18-39.

2,166,659. Process for the treatment of beryllium ores. Gardner Daniel (inventor); Mij Voor Thermo Chemie N V (grantee). Issued 7-18-39.

2,166,881. Igniter with liquid fuel. Voss Walter (inventor). Issued 7-18-39.

2,167,315. Ship. Schat Ane Pieter (inventor). Issued 7-25-39.

2,168,022. Flexible screen. Drager Johan (inventor). Issued 8-1-39.

2,168,542. Process for extracting ores and the like. Van Es Adriaan Cornelis (inventor); N V Mij Voor Zwavelzuurbereiding, Voorheen G T Ketjen & Co (grantees). Issued 8-8-39.

2,168,993. Expanding device for tubular envelopes. Joseph Alex (inventor). Issued 8-8-39.

2,169,117. Self leveling head support. Utermohlen Gerhard P (inventor); Nederlandsche Mij Sogedio N V (grantee). Issued 8-8-39.

2,169,415. Toilet sheet. Giese Willi (inventor). Issued 8-15-39.

2,170,028. Transmitting and receiving device for ultra short waves. Kohl Karl (inventor); N V Machinerieen en Apparaten, Fabrieken Meaf (grantees). Issued 8-22-39.

2,171,248. Vacuum cleaning apparatus. Van Berkel Wilhelmus Adrianus (inventor); Mij Van Berkel S Patent N V (grantee). Issued 8-29-39.

2,171,389. Process of applying a coating of lacquer to flexible materials. Ten Cate Steven Jan Blaupot (inventor). Issued 8-29-39.

2,171,408. Active carbonaceous materials. Smit Pieter (inventor); N V Octrooien Mij Activit (grantee). Issued 8-29-39.

2,171,839. Discharger for centrifugal machines. Van Riel Pieter (inventor); N V Machinefabriek Reineveld (grantee). Issued 9-5-39.

2,172,438. Motion picture camera. De Heer Jacob (inventor). Issued 9-12-39.

2,173,294. Continuous absorption refrigeration machine. Bikkers Alexander (inventor); Poel Willem Frederik (grantee). Issued 9-19-39.

2,173,404. Machine for raising the pile of pile fabrics. Ubbink Johan Bernard (inventor). Issued 9-19-39.

2,173,411. Process for sterilizing liquids by heating. De Jonge Leonardus (inventor); Syndicate Jozi Johoff (grantee). Issued 9-19-39.

2,173,421. Davit. Krzeminsky Valentin (inventor); Schat Ane Pieter (grantee). Issued 9-19-39.

2,173,632. Dough coiling device. Peters Hendrik Herman Christiaan (inventor). Issued 9-19-39.

2,173,638. Process for manufacturing textile agents. Rozenbroek Meindert Danius (inventor). Issued 9-19-39.

2,174,372. Dyeing fibrous materials with vat dyestuffs. Zahn Cornelis Warnardus (inventor); Carp S J A Garenfabrieken N V (grantee). Issued 9-26-39.

2,174,825. Recovery of aluminum compounds. Freling Lucian et al, Dorren Jules (inventors). Issued 10-3-39.

2,177,329. Dough folding device. Peters Hendrik Herman Christiaan (inventor). Issued 10-24-39.

2,177,378. Means for manufacturing starch products. Schorn Helmut et al, Daumas Carl Victor (inventors); N V Agratherm (grantee). Issued 10-24-39.

2,177,562. Wire tensioning device. Eggink Gerrit (inventor.) Issued 10-24-39.

2,177,899. Closure cap for receptacles. Lewin Herman (inventor). Issued 10-31-39.

2,177,910. Apparatus for the continuous mixing and homogenizing of substances. Smit Pieter (inventor); N V Octrooien Mij Activit (grantee). Issued 10-31-39.

2,178,057. System of lenses. Van Heel Abraham Cornelis Sebastien (inventor); Associated Acoustics N V (grantee). Issued 10-31-39.

2,178,299. Conductor line for ultra short electromagnetic waves. Dallenbach Walter (inventor); N V Machinerieen en Apparaten, Fabrieken Meaf (grantees). Issued 10-31-39.

2,178,488. Spinning or twisting spindle. Ter Mors Henni (inventor); N V Spinnerij Oosterveld (grantee). Issued 10-31-39.

2,180,968. Process and means for drying starch. Schorn Helmut et al, Daumas Carl Victor (inventors); N V Agratherm (grantee). Issued 11-21-39.

2,182,437. Steerable bogie for vehicles. Jonkhoff Henri Wouter (inventor). Issued 12-5-39.

2,183,048. Lamp construction comprising a reflector. Schneider Frans Lambert Gerard (inventor); Holland Electro N V (grantee). Issued 12-12-39.

2,183,141. Method of fermenting whey to produce alcohol. Kauffmann Willem et al, Van Der Lee Pieter Johannis (inventors). Issued 12-12-39.

2,183,757. Flue tube for steam boilers. Van Der Graaf George A (inventor); Van De Does Anne J M A De Bije (grantee). Issued 12-19-39.

2,185,933. Apparatus for recording and reproducing sound. Tieland Johannes Hendrik (inventor). Issued 1-2-40.

2,185,967. Linoxin like material and process of manufacture. Priester Remmet (inventor); N V Industrieele Mij Voorheen Noury and Van Der Lande (grantees). Issued 1-2-40.

2,186,064. Rotary propeller and the like device. Dekker Adriaan Jan (inventor); N V Stroomlyn Tot Exploitatie Van Octrooien (grantee). Issued 1-9-40.

2,186,157. Method and device for the manufacturing of sound films. Van Leer Jacques Oscar (inventor). Issued 1-9-40.

2,186,963. Device for use in connecting. wire ends. Meyer Wilhelm Albert Rudolph (inventor); Thabur Industrieele en Technische, H MIJ N V (grantees). Issued 1-16-40.

2,189,070. Pipe joint. Kohnke Johan Friedrich (inventor). Issued 2-6-40.

2,189,870. Resilient suspension device. Sluyter Nicolaas (inventor). Issued 2-13-40.

2,191,063. Manufacturing of absorbent & ion exchanging materials. Smit Pieter (inventor); N V Octrooien Mij Activit (grantee). Issued 2-20-40.

2,191,118. Pyelographic preparation. Salomon Arnold (inventor); N V Orgachemia (grantee). Issued 2-20-40.

2,192,246. Highway construction. Strube Hendrik Lodewijk (inventor); N V Industrieele en, Bouwmaterialen H Mij Iboma (grantees). Issued 3-5-40.

2,192,555. Electrical control system. Morelisse Jan (inventor). Issued 3-5-40.

2,192,842. Winch. Schat Ane Pieter et al, Smirnoff Vsevolod (inventors); Schat Ane Pieter (grantee). Issued 3-5-40.

2,194,147. Packing of a sealing cap for the sealing and tightening of container closures especially bung closures. Mauser Alfons (inventor); N V Serlox (grantee). Issued 3-19-40.

2,194,286. Electrical driving device for a rapidly rotating member such as a spinning pot for artificial silk. Lubberhuizen Jan Willem (inventor); N V Internationale Spinpot, Exploitatie Mij Sem (grantee). Issued 3-19-40.

2,195,225. Process for the manufacture of drying oil from castor oil. Priester Remmet (inventor); N V Industrieele Mij Voorheen Noury and Van Der Lande (grantees). Issued 3-26-40.

2,195,346. Machine for making loaves. Verheij Hendrik (inventor). Issued 3-26-40.

2,195,453. Electric furnace. Gardner Daniel (inventor); Mij Voor Thermo Chemie N V (grantee). Issued 4-2-40.

2,195,466. Operating coke ovens. Otto Carl (inventor); Otto Wilputte Ovenbouw Mij N V (grantee.) Issued 4-2-40.

2,195, 469. Process for the treatment of liquid or semisolid foods and foodstuffs. Richter Karl (inventor); Metra Mij Voor Verduurzaming Van, Zuivelproducten N V (grantees). Issued 4-2-40.

2,196,843. Process of recovering carbon disulphide in the manufacture of artificial silk. Van Deinse Hendrikus (inventor); N V Kunstzi Jdespinneri J Nyma (grantee). Issued 4-9-40.

2,197,761. Sheet metal structure. Johanns Martinus Jacobus Charles (inventor). Issued 4-23-40.

2,197,843. Process of impermeabilizing, tightening or consolidating grounds and other earthy and stony masses and structures. Van Leeuwen Gerrit Hendrik (inventor). Issued 4-23-40.

2,198,165. Preparation containing calcium compounds. Hamburger Lodewijk (inventor). Issued 4-23-40.

2,198,278. Apparatus for measuring accelerations and retardations. Van Der Heiden Gerard Willem Peter (inventor). Issued 4-23-40.

2,198,295. Antirolling device for ships. Rosingh Wilhelm H C E (inventor); N V Wilton S Machinefabriek en, Scheepswerf Mij Voor Scheeps en, Werktuigbouw Fijenoord N V (grantees). Issued 4-23-40.

2,198,393. Purification of liquid matter. Smit Pieter (inventor); N V Octrooien Mij Activit (grantee). Issued 4-23-40.

2,198,440. Bundle tying machine. Marchand Jean Joseph Martin Lambert (inventor); N V Transorma Bundel Sluit, Machine B S M (grantees). Issued 4-23-40.

2,198,893. Aircraft. Van Waveren Theodorus (inventor.) Issued 4-30-40.

2,198,905. Coupling device of vacuum cleaners. Content Klara (inventor); Thabur Industrieele en Technische, H Mij N V (grantees.) Issued 4-30-40.

2,199,276. Intake manifold for internal combustion engines. Barkeij Jean A H (inventor); Barkeij F A H (grantee). Issued 4-30-40.

2,199,513. Underfired regenerative coke oven. Stackel Walter (inventor); Otto Wilputte Ovenbouw Mij Otto, Wilputte Oven Construction Co. N V (grantees). Issued 5-7-40.

2,199,925. Method of improving the stability of alkaline solutions of phenolic azo dyestuff components. Sanders Theodorus Petrus et al, Wilhelmus Van Rensen Jacob (inventors); N V Chemische Fabriek L Van Der, Grinten (grantees). Issued 5-7-40.

2,199,942. Process for producing nitrogen trichloride. Staudt Erich (inventor); N V Industrieele Mij Voorheen, Noury and Van Der Lande (grantees). Issued 5-7-40.

2,200,158. Concealed fastening. Clarke Frederick Arthur (inventor); N. V. Yzerhandel, I M De Vries (grantees). Issued 5-7-40.

2,202,202. Apparatus for exercising the fingers in the movements required for playing musical instruments. Hesse Guillaume (inventor). Issued 5-28-40.

2,202,257. Color photography. Klaver Luite (inventor). Issued 5-28-40.

2,202,446. Pipe grip. Esseling Cornelis J (inventor); N V Gebr Stork and Co. S. Fabriek Van Hijschwerktuigen (grantees). Issued 5-28-40.

2,202,457. Luffing davit. Le Geu Marinus C (inventor); Schat Ane Pieter (grantee). Issued 5-28-40.

2,202,566. Tampons and other porous articles and process for producing same. Schulte Wilhelm (inventor); N V Koninklijke Pharmaceutische Fabrieken V. H. Brocades Stheeman and Pharmacia (grantees). Issued 5-28-40.

2,203,188. Treatment of air. Beer Henri Bernard (inventor). Issued 6-4-40.

2,203,648. Internal combustion engine. Dons Franciscus Cornelis (inventor). Issued 6-4-40.

2,203,649. Acid solution. Felkers Pieter Frederik (inventor); Stikstofbindingsindustrie Nederland N V (grantee). Issued 6-4-40.

2,203,726. Bag of paper or like material and the manufacture thereof. Hellema Jan Cornelis (inventor); N V Papierwarenfabrik Voorheen Gebrs Hellema (grantees). Issued 6-11-40.

2,203,887. Transparent stamp pocked for album mounting. Zimmer Paul (inventor). Issued 6-11-40.

2,204,219. Cigar banding machine. Jahne Ernst Hermann et al, Schlechahn Rudolph Erich (inventors); Muller J C N V (grantees). Issued 6-11-40.

2,205,635. Method of changing the character of solutions by base exchange. Smit Pieter (inventor); N V Octrodien Mij Activit (grantee). Issued 6-25-40.

2,205,966. Dust collecting plant. Van Tongeren Hermannus (inventor). Issued 6-25-40.

2,207,646. Means for supplying reduced pressure steam to heat exchanging apparatus. Van Der Ploeg Jelle (inventor). Issued 7-9-40.

2,208,033. Production of sodium cyanate. Konig Hermann Theodor Josef (inventor); Stikstofbindings Industrie Nederland N V (grantees). Issued 7-16-40.

2,215,530. Depolarizer for electric primary cells and process of making the same. Nossen Ernst (inventor). Issued 9-24-40.

2,216,667. Bung bush. Holzkamper David (inventor); N V Serlox (grantee). Issued 10-1-40.

2,220,223. Device for removing plaster casts or bandages. Eerhard Johannes Maarten et al, Eerhard Casper, Aandewiel Cornelis Johan (inventors); H V Onder de Firma Eerhard Aandewiel (grantee). Issued 11-5-40.

2,221,502. Process of forming screens. Van De Pol Willem (inventor). Issued 11-12-40.

2,221,640. Apparatus for testing the quality of grain and flour. Kleijn Adrianus (inventor). Issued 11-12-40.

2,221,683. Process for the purifying of liquids with the aid of active carbonaceous colloids. Smit Pieter (inventor); N V Octrooien Mij Activit (grantee). Issued 11-12-40.

2,222,140. Weighing apparatus. De Iongh Johan H (inventor). Issued 11-19-40.

2,222,690. Apparatus for and method of applying cigar bands. Jahne Ernst Hermann (inventor); Muller J C N V (grantee). Issued 11-26-40.

2,224,054. Press. Kass Walter Eduard (inventor). Issued 12-3-40.

2,224,294. Tobacco transferring machine. Herrmann Paul Johannes (inventor); Muller J C N V (grantee). Issued 12-10-40.

2,224,355. Process of dissolving solid substances in liquids. Moller Fredrik Andre (inventor); N V W A Scholten S Chemische Fabrieken (grantee). Issued 12-10-40.

2,224,360. Process of manufacturing washing cleansing wetting & emulsifying agents. Rozenbroek Meindert Danius (inventor); N V Chemische Fabriek Servo (grantee). Issued 12-10-40.

2,224,489. Process of improving fibrous materials. Rozenbroek Meindert Danius (inventor). Issued 12-10-40.

2,225,808. Coal fired water tube boiler. Van Tongeren Hermannus (inventor). Issued 12-24-40.

2,226,026. Frequency transposer or converter and circuit therefor. Stieltjes Frederik Hendrik (inventor). Issued 12-24-40.

2,226,830. Process for the manufacture of drying oils. Priester Remmet (inventor); N V Industrieele Mij Voorheen Noury & Van Der Lande (grantee). Issued 12-31-40.

2,226,831. Process for the manufacture of drying oils. Priester Remmet (inventor); N V Industrieele Mij Voorheen Noury & Van Der Lande (grantee). Issued 12-31-40.

2,228,026. Process for cleaning metal parts of combustion motors especially parts made of aluminum or alloys of aluminum. Abrahams Johan Piet (inventor); Koninklijke Zwavelzuurfabrieken Voorheen Ketjen N V (grantee). Issued 1-7-41.

2,228,154. Drying oil & process of making same. Priester Remmet (inventor); N V Industrieele Mij Voorheen Noury and Van Der Lande (grantee). Issued 1-7-41.

2,228,621. Rolling blind. Zwart Jan Sjoerd (inventor). Issued 1-14-41.

2,228,739. Means for distributing and mixing liquids. Tromp Klaas F (inventor). Issued 1-14-41.

2,230,839. Swash plate and wobbler mechanism. Hulsebos Wichert (inventor); N V Hulsemo (grantee). Issued 2-4-41.

2,231,611. Halogenated phenanthrolines. Boeseken Jacob et al, Bijlsma Ulbe Gerrit (inventors). Issued 2-11-41.

2,231,612. Phenanthroline derivative. Boeseken Jacob et al, Bijlsma Ulbe Gerrit (inventors). Issued 2-11-41.

2,232,573. Air outlet device. Teves Hendrik Lodewijk (inventor) Issued 2-18-41.

2,233,298. Method for treating paper insulation material in the manufacture of paper insulated electric cables. Proos Cornelis Frederik (inventor). Issued 2-25-41.

2,233,452. Cigar wrapping machine. Jahne Ernst Hermann (inventor); Muller J C N V (grantee). Issued 3-4-41.

2,233,464. Apparatus for applying revenue duty labels or like strips to the narrow sides of packages by means of adhesive. Zimniak Edmund (inventor); Muller J C N V (grantee). Issued 3-4-41.

2,234,886. Spring device for vehicles. Van Dillen Albert (inventor). Issued 3-11-41.

2,236,237. Piston for wobbler engines. Hulsebos Wichert (inventor); N V Hulsemo (grantee). Issued 3-25-41.

2,236,470. Device for sterilizing and cooling liquids De Jonge Leonardus (inventor); Syndicate Jozijdhoff (grantee). Issued 3-25-41.

2,236,651. Cigar making machine. Rober Constantin Friedrich et al, Rothig Ernst (inventors); Muller J C N V (grantee). Issued 4-1-41.

2,236,932. Apparatus for continuously manufacturing corrugated construction boards. Arentsen Gerrit Jan (inventor). Issued 4-1-41.

2,236,948. Plywood. Maurer Gottfried (inventor); N V Halbertsma S Fabrieken Voor Houtbewerking (grantee). Issued 4-1-41.

2,236,956. Motor and dynamo. Van der Heem Leonardus Wilhelmus (inventor); N V Radiofabriek en Ingenieursbureau Voorheen Van Der Heem & Bloemsma (grantees). Issued 4-1-41.

2,237,033. Cigarette manufacturing machine. Herrmann Paul Johannes (inventor); Muller J C N V (grantee). Issued 4-1-41.

2,238,422. Glareproof blind made of paper or similar material. Marcin Victor Wilhelmus (inventor); Exploitatie Mij Marcin & Co N V (grantee). Issued 4-15-41.

2,238,979. Tobacco guiding machine. Korber Kurt Adolf (inventor); Muller J C N V (grantee). Issued 4-22-41.

2,239,238. Screw type closure. Liem See Thie (inventor); Torringa Dr Henri Francois (grantee). Issued 4-22-41.

2,239,253. Gravity davit. Schat Ane P (inventor). Issued 4-22-41.

2,241,072. Apparatus for use in connection with manufacture of cigarettes. Raschke Fritz Otto et al, Kochta Johann Paul (inventors); Muller J C N V (grantee). Issued 5-6-41.

2,241,104. Process and apparatus for the treatment of photographic coatings. Van Der Grinten Lodewijk Pieter Frans (inventor); N V Chemische Fabriek, L Van Der Grinten (grantee). Issued 5-6-41.

2,241,155. Method and means for launching and landing aircraft. Plesman Albert (inventor); Koninklijke Luchtvaart Mij Voor Nederland en Kolonien N V (grantees). Issued 5-6-41.

2,242,163. Vacuum cleaner and the like apparatus. Bargeboer Adolf (inventor); N V Dikkers & Bargeboer (grantee). Issued 5-13-41.

2,242,354. Method of cleaning coal fired boiler installations. Hagemans Karel L (inventor); Van Tongeren Hermannus (grantee). Issued 5-20-41.

2,242,849. Catalyst and process of preparing the same. De Roos Jan Louis (inventor). Issued 5-20-41.

2,243,050. Process of producing spinnable fibers and cellulose from plants. Plant Hendricus (inventor); N V Exploitatie Mij Voor Chemische Uitvindingen E C U (grantees). Issued 5-20-41.

2,243,366. Centrifugal machine. Van Riel Pieter (inventor); N V Machinefabriek Reineveld (grantee). Issued 5-27-41.

2,243,703. Tobacco rod forming machine. Herrmann Paul Johannes (inventor); Muller J C N V (grantee). Issued 5-27-41.

2,244,034. Purification of oil in a centrifugal separator. Van Riel Pieter (inventor); N V Machinefabriek Reineveld (grantee). Issued 6-3-41.

2,246,190. Method and means for straightening the flanges of lids of boxes. Schmiedel Johannes et al, Jorke Karl Ernst Paul (inventors); Muller J C N V (grantee). Issued 6-17-41.

2,246,635. Process for preparing irreversible starch derivatives. Moller Fredrik Andre (inventor); N V W A Scholten S Chemische Fabrieken (grantees). Issued 6-24-41.

2,246,734. Apparatus for charging a current of air with a volatile substance. Kleijn Adrianus (inventor). Issued 6-24-41.

2,247,719. Cutting tool for slitting purposes. Van Unen Jacob (inventor); Werkspoor N V (grantee). Issued 7-1-41.

2,248,650. Process for producing nitrogen trichloride. Van Der Lee Gerrit (inventor); N V Industrieele Mij Voorheen Noury and Van Der Land (grantees). Issued 7-8-41.

2,248,725. Tobacco feed regulating device. Stelzer Franz Heinrich Benno et al, Kasper Herbert Rudolf (inventors); Muller J C N V (grantee). Issued 7-8-41.

2,249,890. Process of making porcelain dental appliances. Droge Gerard George Johan (inventor). Issued 7-22-41.

2,251,379. Vehicle brake mechanism. Van Der Hof Hermanus (inventor). Issued 8-5-41.

2,251,518. Belt guide for cigarette machines. Herrmann Paul Johannes (inventor); Muller J C N V (grantee). Issued 8-5-41.

2,251,526. Quinine solution. Salomon Arnold (inventor); Orgachemia N V (grantee). Issued 8-5-41.

2,251,543. Wabbler engine. Hulsebos Wichert (inventor); N V Hulsemo (grantee). Issued 8-5-41.

2,252,113. Ironing board. Moes Markus (inventor). Issued 8-12-41.

2,252,263. Method and arrangement for the transmission of images. Kremer Pieter (inventor). Issued 8-12-41.

2,253,050. Apparatus for feeding compression molds for cigar fillers. Rober Constantin Friedrich (inventor); Muller J C N V (grantee). Issued 8-19-41.

2,253,853. Superheterodyne receiving circuit. Haantjes Johan et al, Tellegen Bernardus Dominicus Hubertus (inventors). Issued 8-26-41.

2,253,868. Apparatus for cleaning the suction surface on a suction head carrying wrappers in cigar machines. Rober Constantin Friedrich (inventor); Muller J C N V (grantee). Issued 8-26-41.

2,254,561. Framework for metallic vessels. Benthem Emond Jozua (inventor). Issued 9-2-41.

2,254,985. Apparatus for emptying centrifuges. Van Riel, Pieter (inventor); Machinefabriek Reineveld N V (grantee). Issued 9-2-41.

2,256,951. Horizontal Centrifugal machine. Van Riel Pieter (inventor); N V Machinefabriek Reineveld (grantee). Issued 9-23-41.

2,257,258. Nonjamming rolling surface for wobbler mechanisms. Hulsebos Wichert (inventor); N V Hulsemo (grantee). Issued 9-30-41.

2,257,410. Process and apparatus for continuously manufacturing armored construction boards. Arentsen Gerrit Jan (inventor). Issued 9-30-41.

2,258,909. Joint for articles of furniture. Reens Max Alexander (inventor). Issued 10-14-41.

2,260,263. Detachable face plate for suction heads. Rober Constantin Friedrich (inventor); Muller J C N V (grantee). Issued 10-21-41.

2,263,704. Process for continuously crystallizing sugar solution. Platte Johannes Anthonius et al, De Vries Gerbertus Hendrik (inventors). Issued 11-25-41.

2,263,913. Installation for burning liquid fuel. Bargeboer Adolf (inventor). Issued 11-25-41.

2,264,240. Tobacco rod. Hohn Max Paul Ernst (inventor); Muller J C N V (grantee). Issued 11-25-41.

2,264,448. Process for removing suspended emulsified or coloidally dissolved materials from water. Moller Fredrik Andre (inventor); N V W A Scholten S Chemische Fabrieken (grantee). Issued 12-2-41.

2,264,655. Valve. Brackmann Willem (inventor); N V Bureau Voor Economische Stoomproductie (grantees). Issued 12-2-41.

2,265,091. Dust collector. Van Tongeren Hermannus (inventor). Issued 12-2-41.

2,267,326. Air separator for comminuted tobacco. Eissmann Oswald Erich (inventor); Muller J C N V (grantee). Issued 12-23-41.

2,269,116. Device for the formation of tobacco layers. Lehmann Ernst Curt (inventor); Muller J C N V (grantee). Issued 1-6-42.

2,270,104. Communication system. Bevoort Cornelis (inventor). Issued 1-13-42.

2,270,147. Apparatus for feeding filler tobacco to cigar machines. Stelzer Franz Heinrich Benno (inventor); Muller J C N V (grantee). Issued 1-13-42.

2,271,710. Process for treating tubers to destroy parasites. De Mol Willem Eduard (inventor). Issued 1-27-42.

2,271,982. Homogenization of liquid matter. Van Kreveld Arnold (inventor); Coop Condensfabriek Friesland (grantee). Issued 2-3-42.

2,272,001. Protective face shield for masks. Goode Heendrik, Sr. (inventor). Issued 2-3-42.

2,272,663. Method of pretreating cereals. Graumann Hermann (inventor); Wessanen S Koninklijke Fabrieken N V (grantees). Issued 2-10-42.

2,273,672. Stretcher. Van Gasselt Antonius Johannes Mathijs (inventor). Issued 2-17-42.

2,276,854. Process and apparatus for cutting and folding fabric strips. Margadant Frans Gerard Carel (inventor); Stoombandfabriek N V Van Engelen and Evers (grantees). Issued 3-17-42.

2,277,142. Cabinet locking mechanism. Van Osselen Willem (inventor); Gispen S. Fabriek Voor Metaalbewerking N V (grantees). Issued 3-24-42.

2,278,772. Centrifugal filling means for compression molds. Duden Gustav (inventor); N V Mij Tot Exploitatie Van Ten Bosch Octrooien N V (grantee). Issued 4-7-42.

2,278,775. Stress transmitting device. Fiorentino Aldo (inventor); Cohen Willem Looewijk (grantee). Issued 4-7-42.

2,279,353. Telegraph system. Van Duuren Hendrik C. A. (inventor); Kingdom of the Netherlands Post Office Administration (grantees). Issued 4-14-42.

2,279,513. Valve. Hage David (inventor). Issued 4-14-42.

2,279,596. Lantern. Schipper Adrian J (inventor Issued 4-1-42.

2,280,082. Manufacture of drying oils. Priester Remmet (inventor); N V Industrieele Mij Voorheen Noury and Van Der Lande (grantees). Issued 4-21-42.

2,280,335. Cigarette box packing device. Zimniak Edmund (inventor); Muller N V (grantee). Issued 4-21-42.

2,281,431. Boiler. Groenema Jan J et al, Van Tongeren Hermannus (inventors). Issued 4-28-42.

2,281,962. Dust sampler. Van Tongeren Hermannus (inventor). Issued 5-5-42.

2,281,963. Sound deadener. Van Tongeren Hermannus (inventor). Issued 5-5-42.

2,282,501. Centrifugal castings. Suijk Koenraad et al, Suijk Jacob (inventors). Issued 5-12-42.

2,285,317. Perforated sheet. Van Den Biggelaar Martinus Josephus (inventor). Issued 6-2-42.

2,285,372. Push pull mixing circuit for ultra short waves. Strutt Maximiliaan Julius et al, Otto Knol Kornel Is Swier Van Der Ziel Aldert (inventors). Issued 6-2-42.

2,286,935. Glare shield. Schendeler Paulus A (inventor). Issued 6-16-42.

2,287,652. Spark arrester. Van Tongeren Hermannus (inventor). Issued 6-23-42.

2,289,436. Process for producing gas currents carrying predetermined quantities of nitrogen trichloride. Kleijn Adrianus (inventor). Issued 7-14-42.

2,290,313. Process for separating nickel and cobalt in solutions. Caron Martinus H (inventor). Issued 7-21-42.

2,290,553. Negative feedback circuit arrangement. Haantjes Johan (inventor). Issued 7-21-42.

2,291,990. Electric circuit controller. Spitzer Hans (inventor). Issued 8-4-42.

2,292,127. Protector for boots and shoes. Joosten Johannes Theodorus (inventor). Issued 8-4-42.
2,292,835. Electronic generator. Hepp Gerard (inventor). Issued 8-11-42.
2,293,414. High frequency amplifier circuit. Strutt Maximiliaan Julius Otto et al, Van Der Ziel Aldert (inventors). Issued 8-18-42.
2,293,415. High frequency amplifier circuit. Strutt Maximiliaan Julius Otto et al, Van Der Ziel Aldert (inventors). Issued 8-18-42.
2,295,256. Process and device for fractional distillation of liquid mixtures more particularly petroleum. Brugma Antoine Johan (inventor). Issued 9-8-42.
2,295,632. Process for the production of screen reflex copies. Buskes Willem Marie (inventor); N V Chemische Fabriek L Van Der Grinten (grantees). Issued 9-15-42.
2,297,713. High tension insulator. Nelis Jacobus R (inventor). Issued 10-6-42.

[F. R. Doc. 43-5325; Filed, April 5, 1943; 2:11 p. m.]

[Vesting Order 672]

PATENTS OF NATIONALS OF NORWAY

Under the authority of the Trading with the Enemy Act, as amended, and Executive Order No. 9095, as amended, and pursuant to law, the undersigned, after investigation:

1. Finding that the owners of the patents and other property related thereto described in subparagraph 3 hereof are either the persons identified in Exhibit A attached hereto and made a part hereof as the grantees of such patents, respectively, or (in the cases only of those patents, if any, in connection with which no grantees are so identified) the persons identified in said Exhibit A as the respective inventors thereof;

2. Finding that each of such owners is a resident of Norway, and therefore is a national of a foreign country (Norway);

3. Finding, therefore, that the property described as follows:

All right, title and interest, including all accrued royalties and all damages and profits recoverable at law or in equity from any person, firm, corporation or government for past infringement thereof, in and to the patents identified in said Exhibit A,

is property of nationals of a foreign country (Norway);

4. Having made all determinations and taken all action, after appropriate consultation and certification, required by said Executive Order or Act or otherwise; and

5. Deeming it necessary in the national interest;

hereby vests in the Alien Property Custodian the property hereinbefore described in subparagraph 3, to be held, used, administered, liquidated, sold or otherwise dealt with in the interest of and for the benefit of the United States.

Such property, and any or all of the proceeds thereof, shall be held in an appropriate special account or accounts, pending further determination of the Alien Property Custodian. This shall not be deemed to limit the powers of the Alien Property Custodian to return such property or the proceeds thereof, or to indicate that compensation will not be paid in lieu thereof, if and when it should be determined that such return should be made or such compensation should be paid.

Any person, except a national of a designated enemy country, asserting any claim arising as a result of this order may file with the Alien Property Custodian a notice of his claim, together with a request for a hearing thereon, on Form APC-1, within one year from the date hereof, or within such further time as may be allowed by the Alien Property Custodian. Nothing herein contained shall be deemed to constitute an admission of the existence, validity or right to allowance of any such claim.

The terms "national" and "designated enemy country" as used herein shall have the meanings prescribed in section 10 of said Executive Order.

Executed at Washington, D. C. on January 18, 1943.

[SEAL] LEO T. CROWLEY,
Alien Property Custodian.

EXHIBIT A

RE17,045. Refrigerating plant. Amundsen Ivar (inventor); A S Amundsen Refrigerator Co. (grantee). Issued 11-1-27.
RE18,845. Bottom Sieve for wood pulp digesters. Morterud Einar (inventor). Issued 11-24-31.
RE21,732. Adjustable candlestick. Ager Wick Emil (inventor). Issued 6-20-39.
DE122,566. Design for a game board. Cabral Jorge Kirchhofer (inventor). Issued 9-17-40.
1,563,698. Spreading apparatus for artificial manures. Finne Jacob Von Straten (inventor); A S Sonoaz (grantee). Issued 12-1-25.
1,563,869. Hinge. Larson Anders Gustaf (inventor). Issued 12-1-25.
1,566,339. Method and apparatus for digesting pulp in rotating digestors. Morterud Einar (inventor). Issued 12-22-25.
1,566,929. Screen for wood pulp etc. Thune Sverre (inventor). Issued 12-22-25.
1,567,408. Process of treating fertilizers. Axelsen Peter Tomy (inventor); Norsk Hydro Elektrisk Kvaelstof A S (grantees). Issued 12-29-25.
1,568,368. Valve mechanism for compressed air brakes. Drolshammer Ivar (inventor). Issued 1-5-26.
1,569,272. Manufacture of artificial wood. Forster Adolf (inventor). Issued 1-12-26.
1,569,856. Automatic pistol. Eriksen Johan Emil (inventor). Issued 1-19-26.
1,570,333. Process for the production of catalyzers for the synthesis of ammonia. Cederberg Ivar Walfrid (inventor); Norsk Hydro Elektrisk Kvaelsto A S (grantee). Issued 1-19-26.
1,570,458. Manacles handcuffs and the like. Cederlof Borge (inventor). Issued 1-19-26.
1,570,548. Profilograph. Berge David (inventor). Issued 1-19-26.
1,571,382. Method of production of alloyed steel and iron with chromium manganese etc. Stig Torsten Georg et al, Stig Josef Einar Leonard (inventors). Issued 2-2-26.
1,573,716. Suspension vessel. Isaachsen Isak (inventor). A S Krystal (grantee). Issued 2-16-26.
1,573,950. Automatic scale. Torgersen Carl (inventor). Issued 2-23-26.
1,574,382. Process for the dry reduction of iron ore. Farup Peder (inventor); Norsk Hydro Elektrisk Kvaelstof A S (grantee). Issued 2-23-26.
1,575,160. Separation of metals. Giertsen Sigurd (inventor); Kristiansands Nikkelraffineringsverk (grantee). Issued 3-2-26.
1,575,634. Process of purifying aluminum nitrate. Mejdell Thor et al, Ravner Oystein (inventors); Norsk Hydro Elektrisk Kvaelstof A S (grantee). Issued 3-9-26.
1,577,762. Magazine wood pulp grinder. Schaanning Peder Christian (inventor). Issued 3-23-26.
1,579,340. Method of operation in metallurgical and like processes. Tharaldsen Filip (inventor). 4-6-26.
1,579,786. Cutting up continuous paper webs into single sheets. Ryberg Anders Emil (inventor). Issued 4-6-26.
1,579,840. Rotating hammer. Rasch Ludvik (inventor); A S Fjeldbor (grantee). Issued 4-6-26.
1,579,970. Device for charging metallurgical and like furnaces. Tharaldsen Filip (inventor). Issued 4-6-26.
1,580,038. Process for the production of ammonia from gases containing cyanide of hydrogen. Halvorsen Birger Fjeld (inventor); Norsk Hydroelektrisk Kvaelstof A S (grantee). Issued 4-6-26.
1,585,043. Thread and method for manufacturing impregnated fabric. Meier Erling (inventor); Daae Lorentz Segelcke (grantee). Issued 5-18-26.
1,585,794. Vibrating sieve. Sorensen Georg Rudolf Behrens (inventor). Issued 5-25-26.
1,586,338. Advertising device. Store Johan Nicolai (inventor). 5-25-26.
1,588,466. Benzoyl ecgonine ester and process of producing the same. Poulsson Edvard (inventor). Issued 6-15-26.
1,588,579. Electrode for electrolytic decomposition apparatus. Holmboe Carl Fredrik (inventor); De Nordiske Fabriker De No Fa (grantee). Issued 6-15-26.
1,589,334. Balance rudder. Kittelsen Erling (inventor); Lloyd Propulsion Ltd (grantee). Issued 6-15-26.
1,589,682. Catalyst for synthesis of ammonia. Cederberg Ivar Walfrid et al, Fjellanger Mikal, Gruner Vilhelm (inventors); Norsk Hydro Elektrisk Kvaelstof A S (grantee). Issued 6-22-26.
1,589,685. Hoe plow for potato planting. Gaalaas Torger O (inventor). Issued 6-22-26.
1,591,645. Process for the treatment of liquids contained in closed vessels. Rafn Robert (inventor). Issued 7-6-26.
1,591,801. Magazine grinding apparatus with power driven feeding device. Andresen Otto (inventor). Issued 7-6-26.
1,593,985. Socket and plug connection for electric circuits. Nielsen Alfred (inventor); Eliktricitets Firmaet Francis Sonnichsen & Co (grantee). Issued 7-27-26.
1,596,775. Combined suction and pressure drum for pulp cellulose and the like. Stephansen Julius (inventor). Issued 8-17-26.
1,596,967. Machine for marking or canceling letters and other postal matters. Hansen Gustav Adolf (inventor). Issued 8-24-26.
1,597,996. Draft regulator. Moss Oivind (inventor). Issued 8-31-26.
1,598,176. Process for the electrothermic production of zinc. Tharaldsen Filip (inventor). Issued 8-31-26.
1,598,199. Timber connecter. Johansson Jacob et al, Solberg Leif (inventors). Issued 8-31-26.
1,599,997. Letter canceling machine. Hansen Gustav Adolf (inventor). Issued 9-14-26.
1,600,547. Process for the concentration of diluted nitrous gases. Johnsen Henry (inventor); Norsk Hydro Elektrisk Kvaelstof A S (grantee). Issued 9-21-26.
1,600,635. Steering device for trail cars for automobiles. Isachsen Ludvik (inventor). Issued 9-21-26.
1,600,643. Stamping machine. Petersen Kristian Marcntius (inventor). Issued 9-21-26.
1,600,919. Mounting for the suspension of pictures and other objects. Baalsrud Sigurd et al, Baalsrud Nils (inventors). Issued 9-21-26.
1,602,621. Collapsible music rack. Lillelien Sverre (inventor). Issued 10-12-26.
1,602,656. Compressed air brake. Drolshammer Ivar (inventor). Issued 10-12-26.
1,607,719. Dirigible headlight. Bjorhuus Knut (inventor). Issued 11-23-26.

1,610,678. Guide apparatus for propellers. Hiorth Jens Br (inventor). Issued 12-14-26.

1,613,212. Self baking electrode. Westly Jens (inventor); Det Norske assignee for Elektrokemisk Industri of Norway (grantee). Issued 1-4-27.

1,616,213. Recording taximeter. Blikstad Martin et al, Martin Thorleif (inventors). Issued 2-1-27.

1,616,501. Locking mechanism of hammerless shotguns and rifles. Larsen Johan (inventor). Issued 2-8-27.

1,617,136. Electrode device for electric furnaces. Sandvold Ole et al, Rye Olaf, Platou Olaf (inventors); Norsk Hydro Elektrisk Kvaelstof A S (grantee). Issued 2-8-27.

1,618,316. Process of electric smelting. Tharaldsen Filip (inventor). Issued 2-22-27.

1,619,036. Clarifying and purifying liquids and waste waters. Ravnestad Andreas Johan (inventor). Issued 3-1-27.

1,621,366. Centrifugal friction coupling. Hals Jorgen Michelet (inventor); Hals J M & Co A S (grantee). Issued 3-15-27.

1,622,367. Blotter. Bull Cornelius (inventor). Issued 3-29-27.

1,622,474. Process of effecting agglomeration in paper pulp and other suspensions and mixtures. Sveen Karl (inventor). Issued 3-29-27.

1,626,521. Ski tie. Eriksen Emil Marius (inventor). Issued 4-26-27.

1,628,163. Purifying composition for counteracting the formation of scale in boilers. Lillejord Hans (inventor); A S Norsk Kjelerensningsmiddel Ideal (grantee). Issued 5-10-27.

1,628,972. Rotatable block housing. Hansen Lorentz Emil (inventor). Issued 5-17-27.

1,629,619. Primary strainer for cellulose wood pulp etc. Hansen Christian Martin (inventor); A S Thunes Mek Verksted (grantee). Issued 5-24-27.

1,630,033. Mowing and reaping machine. Rudland Johannes (inventor); Interessentskapet Johs Rudlands Selvbinder (grantee). Issued 5-24-27.

1,630,430. Sieve plate for screw presses. Holter Kristian et al, Qviller Olaf (inventors). Issued 5-31-27.

1,631,699. Sand heating apparatus for building purposes. Selmer Fredrik (inventor). Issued 6-7-27.

1,632,184. Cooling arrangement for electrolytic cells. Holmboe Carl Fredrik (inventor); De Nordiske Fabriker De No Fa A S (grantee). Issued 6-14-27.

1,632,387. Refrigerating machine of the absorption type. Amundsen Ivar (inventor). Issued 6-14-27.

1,633,112. Scaffold. Kulbeck Niels (inventor). Issued 6-21-27.

1,634,855. Printing apparatus. Sivertzen Oscar (inventor). Issued 7-5-27.

1,635,624. Writing implement. Imset Otto (inventor). Issued 7-12-27.

1,638,684. Reduction process using circulating reducing gases. Edwin Emil (inventor); A S Norsk Staal Elektrisk Gas Reduktion (grantee). Issued 8-9-27.

1,638,961. Airship. Richardsen Severin (inventor). Issued 8-16-27.

1,639,007. Process of building up self baking electrodes. Sem Mathias Ovrom (inventor); Det Norske A S for Elektrokemisk Industri of Norway (grantee). Issued 8-16-27.

1,640,735. Process of making channeled continuous electrodes. Soderberg Carl Wilhelm (inventor); Det Norske A S for Elektrokemisk Industrie (grantee). Issued 8-30-27.

1,641,054. Can opener. Schanning Anton Martin Schweigard (inventor). Issued 8-30-27.

1,646,454. Method of separating two or more substances from a solution. Isaachsen Isak (inventor); A S Krystal (grantee). Issued 10-25-27.

1,647,208. Refrigerating plant. Amundsen Ivar (inventor). Issued 11-1-27.

1,647,381. Process for making liquid zinc from blue powder. Tharaldsen Filip (inventor). Issued 11-1-27.

1,647,682. Magazine grinder. Andresen Otto (inventor). Issued 11-1-27.

1,650,100. Dewatering apparatus for pulp. Stephansen Julius (inventor). Issued 11-22-27.

1,650,201. Centrifugal friction coupling. Elling Jens William Aegidius et al, Heger Bjorn (inventors). Issued 11-22-27.

1,650,536. Lifting jack. Pierce Maurice (inventor). Issued 11-22-27.

1,650,537. Lifting jack. Pierce Maurice (inventor). Issued 11-22-27.

1,651,776. Mold for casting concrete poles and masts in upright position. Meeg Larssen Rolf et al, Bu Aamund (inventors). Issued 12-6-27.

1,652,119. Process for the production of alumina from aluminum nitrates. Halvorsen Birger Fjeld et al, Falck Hans Joachim, Ravner Oystein (inventors); Norsk Hydroelektrisk Kvalestof A S (grantee). Issued 12-6-27.

1,653,343. Wing pump. Christensen Christen Henrik (inventor). Issued 12-20-27.

1,653,663. Rock cutting tool. Rolfsen Ole (inventor). Issued 12-27-27.

1,653,744. Arrangement for indication of the position or direction of the steering wheels in vehicles. Stensaeter Kristoffer (inventor). Issued 12-27-27.

1,653,842. Brake valve. Drolshammer Ivar Olaf Georg (inventor). Issued 12-27-27.

1,654,272. Ski binding. Seeberg Christen (inventor). Issued 12-27-27.

1,656,999. Electric sorting machine for perforated cards. Bull Fredrik Rosing (inventor). Issued 1-24-28.

1,657,589. Advertising device. Rossler Emil Rudolph (inventor). Issued 1-31-28.

1,657,948. Process in the employment of self baking electrodes. Westly Jens (inventor); Norske Det A S for Elektrokemisk Industri of Norway (grantee). Issued 1-31-28.

1,659,883. Belt fastener. Lorentz John (inventor). Issued 2-21-28.

1,661,615. Lubricating device for motors and the like. Larsen Waldemar (inventor). Issued 3-6-28.

1,662,930. Bactericidal preparation. Laland Per (inventor); Nyegaard & Co A S (grantee). Issued 3-20-28.

1,663,699. Splint catcher. Hansen Arthur et al, Gaarder Leif (inventors). Issued 3-27-28.

1,666,563. Instrument for setting up profiles. Hagen Sigurd (inventor). Issued 4-17-28.

1,667,968. Process for separating compounds of potassium from compounds of aluminum. Falck Hans Joachim (inventor); Norsk Hydro Elektrisk Kvaelstof A S (grantee). Issued 5-1-28.

1,670,052. Electrode mass for self baking electrodes. Soderberg Carl Wilhelm (inventor); Det Norske A S for Electrokemisk Industri of Norway (grantee). Issued 5-15-28.

1,672,065. Machine for distributing artificial manure and the like. Hoy Johan Arnt Hansen (inventor). Issued 6-5-28.

1,673,957. Propelling system. Thrane Victor (inventor). Issued 6-19-28.

1,675,969. Automatic printing machine. Bull Fredrik Rosing Dec (inventor); Hilditch Ernst Excr, Strom Ulrich Excr (grantees). Issued 7-3-28.

1,676,409. Removable contrapropeller. Overgaard Olav (inventor); Star Contra Propeller Ltd A S (grantee). Issued 7-10-28.

1,678,515. Permanent dam and weir. Hoyer Sigurd (inventor). Issued 7-24-28.

1,678,731. Lubricator. Klauset Nikolai Kastberg (inventor). Issued 7-31-28.

1,679,284. Process for production of self baking electrodes. Westly Jens (inventor); Det Norske A S for Elektrokemisk Industri of Norway (grantee). Issued 7-31-28.

1,679,391. Instrument for administering medicines to animals. Aas Nils (inventor). Issued 8-7-28.

1,682,270. Apparatus for regulating speed variations in power engines exposed to varying load. Eriksen Jehan Emil (inventor). Issued 8-28-28.

1,682,784. Dental drilling apparatus. Gythfeldt Trygve (inventor). Issued 9-4-28.

1,683,534. Method of using high tension electric arcs for treatment of gases. Edwin Emil (inventor); A S Norsk Staal Elektrisk Gas Reduktion (grantee). Issued 9-4-28.

1,684,648. Hair undulating tongs. Tingberg Anders (inventor). Issued 9-18-28.

1,686,075. Process of making synthetic pig iron. Edin Emil (inventor); A S Norsk Staal Elektrisk Gas Reduktion (grantee). Issued 10-2-28.

1,686,302. Distance handling of electrodes. Walther Martin (inventor); Det Norske A S for Elektrokemisk Industri of Norway (grantee). Issued 10-2-28.

1,686,474. Self baking electrode. Soderberg Carl Wilhelm (inventor); Det Norske A S for Elektrokemisk Industri of Norway (grantee). Issued 10-2-28.

1,686,586. Arrangement for weighing goods in a hanging position. Wahl Lars Gunstein (inventor). Issued 10-9-28.

1,687,093. Stone dressing tool. Holm Erling Thune (inventor). Issued 10-9-28.

1,688,795. Teat cannula. Aas Nils (inventor). Issued 10-23-28.

1,691,208. Heating stove. Pedersen Carl Emil (inventor). Issued 11-13-28.

1,691,505. Electrode. Walther Martin (inventor); Det Norske A S for Elektrokemisk Industri (grantee). Issued 11-13-28.

1,691,512. Fastening device for adjustible ski ears. Berge Rasmus (inventor); Gresvig A (grantee). Issued 11-13-28.

1,691,534. Machine for the manufacture of fishhooks. Topp Mathias (inventor); Mustad O & Son (grantee). Issued 11-13-28.

1,692,343. Potato digger and separator. Moller Carl Fredrik (inventor). Issued 31-20-28.

1,692,735. Electromotor. Heger Bjorn (inventor). Issued 11-20-28.

1,693,786. Process for the crystallization of solid substances in a coarse granular form from solutions. Isaachsen Isak (inventor); A S Krystal (grantee). Issued 12-4-28.

1,694,594. Process for the purification of gases to be used in the production of ammonia. Halvorsen Birger Fjeld (inventor); Norsk Hydro Elektrisk Kvaelstof A S (grantee). Issued 12-11-28.

1,694,710. Process for the recovery of zinc from zinc bearing solutions. Lenander Nils Erik (inventor); Orkla Grubeaktiebolag (grantee). Issued 12-11-28.

1,699,316. Washing implement. Sokka Andreas Ellingsen (inventor). Issued 1-15-29.

1,699,938. Whale oil refinery vessel. Andvig Jens (inventor). Issued 1-22-29.

1,700,685. Manufacture of horseshoe nails. Moeller Adolf (inventor); Mustad O & Son (grantee). Issued 1-29-29.

1,702,330. Ski tie. With Bror (inventor). Issued 2-19-29.

1,703,745. Operation of pulp digesters. Morterud Einar (inventor). Issued 2-26-29.

1,704,611. Method of precipitating solid substances in coarse granular condition from solutions. Jeremiassen Finn (inventor); A S Krystal (grantee). Issued 3-5-29.

1,706,146. Regulating device for electrode boilers. Davidsen Soren (inventor). Issued 3-19-29.
1,707,232. Apparatus for cleaning centrifugal separators. Naess Hallvard (inventor). Issued 4-2-29.
1,707,892. Refrigeration plant of the intermittent absorption type. Amundsen Ivar et al, Stephansen Erik (inventors); Amundsen Ivar (grantee). Issued 4-2-29.
1,708403. Apparatus for making liquid zinc from blue powder. Tharaldsen Filip (inventor). Issued 4-9-29.
1,710,783. Valve for resilient tubes. Nernaess Gustav (inventor). Issued 4-30-29.
1,713,220. Plural row cinematographic camera. Eriksen Erling et al, Braastad Albert (inventors). Issued 5-14-29.
1,714,222. Method of impregnating paper for bag tubes. Holter Alfred (inventor). Issued 5-21-29.
1,715,945. Process of producing vitamine preparations. Owe Aage Willand (inventor). Issued 6-4-29.
1,715,960. Condenser for zinc vapors from electric furnaces. Tharaldsen Filip (inventor). Issued 6-4-29.
1,717,582. Slate fastener. Riesterer Celestin (inventor). Issued 6-18-29.
1,717,853. Vacuum tank for liquid fuels. Ruud Otto Severin (inventor). Issued 6-18-29.
1,717,939. Lubricant oil. Rolfsen Ole (inventor). Issued 6-18-29.
1,718,292. Process for the production of alkali metal silicates that are soluble in water. Halvorsen Birger Fjeld (inventor); Norsk Hydro Elektrisk Kvaelstof A S (grantee). Issued 6-25-29.
1,718,399. Method and apparatus for removing knots from mechanical and chemical wood pulp. Andersen Axel Christian et al, Schie Arne (inventors). Issued 6-25-29.
1,721,230. Centrifugal separator. Molbach Elias Bernhard (inventor). Issued 7-16-29.
1,723,582. Electrode for electric furnaces. Sem Mathias Ovrom (inventor); Det Norske A S for Elektrokemisk Industri of Norway (grantee). Issued 8-6-29.
1,723,693. Steering device for skis. Froholm Gabriel (inventor). Issued 8-6-29.
1,723,772. Process of making gaseous mixtures of nitrogen and hydrogen. Edwin Emile (inventor). Issued 8-6-29.
1,726,923. Rotating tool for working in earth rock metal wood and the like. Rolfsen Ole (inventor). Issued 9-3-29.
1,727,786. Airship. Richardsen Severin (inventor). Issued 9-10-29.
1,728,840. Relay. Stavostrand Harald (inventor). Issued 9-17-29.
1,729,931. Valve mechanism for compressed air brakes. Drolshammer Ivar (inventor). Issued 10-1-29.
1,729,945. Wire clamp. Holm Carl Julianus (inventor). Issued 10-1-29.
1,730,076. Device for extension of the distance between an automobile and its trailer. Isachsen Ludvik (inventor). Issued 10-1-29.
1,730,077. Coupling attachment for vehicle trailers. Isachsen Ludvik (inventor). Issued 10-1-29.
1,731,146. Apparatus for the evaporation of liquids. Morterud Einar (inventor). Issued 10-8-29.
1,732,492. Sugar product & method of making same. Andresen Viggo Valdemar Julius (inventor). Issued 10-22-29.
1,733,224. Brake testing device for vehicle wheels. Hovde Albert (inventor). Issued 10-29-29.
1,733,316. Machine for cutting off bands. Rovig Henrik Olsen (inventor). Issued 10-29-29.
1,735,902. Dispensing apparatus for soap powder and the like. Johansen Leif Hartvig (inventor). Issued 11-19-29.
1,735,936. Process in the manufacture of electrodes. Sem Mathias Ovrom et al, Soderberg Carl Wilhelm (inventors); Det Norske A S for Elektrokemisk Industri of Norway (grantee). Issued 11-19-29.
1,738,258. Centrifugal separator. Naess Hallvard (inventor). Issued 12-3-29.
1,740,012. Process of bleaching fatty acids. Godal Arne (inventor). Issued 12-17-29.
1,741,552. Drinking fountain. Bohn Olaf Martinius (inventor). Issued 12-31-29.
1,742,666. Process of recovering oil from fish livers and other similar materials. Owe Aage W (inventor). Issued 1-7-30.
1,746,370. Electrical switch. Strand Knut Madsen (inventor). Issued 2-11-30.
1,746,755. Boat canoe and other craft aeroplane body and the like and method of manufacturing same. Andersen Anders Nicolay (inventor). Issued 2-11-30.
1,749,669. Hanger for air cables. Gronberg Otto Angell (inventor). Issued 3-4-30.
1,751,084. Automatic emergency control. Hoff Waldemar (inventor). Issued 3-18-30.
1,751,177. Process in the manufacture of self baking electrodes. Sem Mathias Ovrom et al, Soderberg Carl Wilhelm (inventors); Det Norske A S for Elektrokemisk Industri of Norway (grantee). Issued 3-18-30.
1,751,740. Process of separately recovering soluble substances in a coarse granular condition. Jeremiassen Finn (inventor); A S Krystal (grantee). Issued 3-25-30.
1,751,756. Tank ship. Paulsen Reginald (inventor). Issued 3-25-30.
1,751,956. Work holder especially for knitting machines for mending knitted woven or similar articles. Torgersen Dag (inventor). Issued 3-25-30.
1,752,243. Wad for whale guns and the like. Engberg Karl Emil Hjalmar (inventor). Issued 3-25-30.
1,752,766. Calculating apparatus. Vethe Anders Eirikson (inventor). Issued 4-1-30.
1,753,073. Bucket and equipment for carrying same. Troften Einar (inventor). Issued 4-1-30.
1,753,123. Cell for electrolyzing solutions of Alkali chlorides. Kress Edouard (inventor). Issued 4-1-30.
1,753,969. Rock cutting tool. Rolfsen Ole (inventor). Issued 4-8-30.
1,753,970. Hammer head for rotating rock cutting tools. Rolfsen Ole (inventor). Issued 4-8-30.
1,754,975. Nonreturn valve. Andersen Georg (inventor). Issued 4-15-30.
1,755,398. Ski fastening. Jordell Johannes Olsen (inventor). Issued 4-22-30.
1,756,398. Float valve. Steensen Sverre Johan (inventor). Issued 4-29-30.
1,756,754. Method of manufacturing thick webs of wood pulp cellulose and similar materials. Jensen Harald (inventor). Issued 4-29-30.
1,756,786. Ceramic material and binding agent as well as a process for producing such material. Goldschmidt Victor Mortiz et al, Knudsen Rolf (inventors); Borgestad Fabrikker (grantee). Issued 4-29-30.
1,756,849. Exhibition and advertisement stand. Braastad Marius Andersen (inventor). Issued 4-29-30.
1,757,695. Electrode. Westly Jens (inventor); Det Norske Aktieselskab for Elektrokemisk Industri of Norway (grantee). Issued 5-6-30.
1,759,456. Process of extracting useful elements from their ores by the aid of gases. Hofseth Bjarne (inventor). Issued 5-20-30.
1,760,395. Electrode holder. Brock Heinrich (inventor); Det Norske A S for Elektrokemisk Industri of Norway (grantee). Issued 5-27-30.
1,761,442. Furnace for the production of aluminum. Froland Peder Eliasen (inventor). Issued 6-3-30.
1,764,639. Display sign. Nathansohn Henry (inventor). Issued 6-17-30.
1,764,961. Planet gearing. Kittilsen Coom (inventor). Issued 6-17-30.
1,766,886. Gas turbine unit. Elling Jens William Aegidius (inventor). Issued 6-24-30.
1,768,876. Pneumatic vehicle wheel. Andersen Felix Fridtjov (inventor). Issued 7-1-30.
1,770,320. Heat transmitting apparatus. Morterud Einar (inventor). Issued 7-8-30.
1,770,573. Gelatin product and the process for manufacturing same. Haavardsholm Olav (inventor). Issued 7-15-30.
1,771,559. Web forming apparatus. Diesen Sverre (inventor). Issued 7-29-30.
1,771,810. Utilization of waste steam from evaporation apparatus in pulp digesting plants. Morterud Einar (inventor). Issued 7-29-30.
1,772,998. Pasteurizing apparatus. Holte Halvor (inventor). Issued 8-12-30.
1,773,408. Rotating tool for working in earth rock metal wood and the like. Rolfsen Ole (inventor). Issued 8-19-30.
1,774,674. Electrode. Sem Mathias Ovrom (inventor); Det Norske A S for Elektrokemisk Industri (grantee). Issued 9-2-30.
1,776,744. Refrigerating plant. Amundsen Ivar (inventor). Issued 9-23-30.
1,776,745. Refrigerating plant. Amundsen Ivar (inventor). Issued 9-23-30.
1,776,761. Method for blowing out pulp digesters. Morterud Einar (inventor). Issued 9-23-30.
1,777,217. Pulp digester. Morterud Einar (inventor). Issued 9-30-30.
1,777,913. Process and apparatus for producing cooling liquids. Dahl Nekolai (inventor). Issued 10-7-30.
1,778,101. Exhaust silencer for aircraft motors and the like. Bie Ole Solberg (inventor). Issued 10-14-30.
1,779,283. Circulation system for pulp digesters. Morterud Einar (inventor). Issued 10-21-30.
1,779,568. Barking Drum. Strindlund John (inventor). Issued 10-28-30.
1,780,511. Ski tie. With Bror (inventor). Issued 11-4-30.
1,782,295. Manufacture of ceramic products. Goldschmidt Victor Moritz (inventor). Issued 11-18-30.
1,783,046. Process for the separation of cobalt and iron from solutions rich in iron as obtained by lixiviating roasted pyrites. Lenander Nils Erik (inventor); Orkla Grube Aktiebolag (grantee). Issued 11-25-30.
1,785,591. Digester for sulphite wood pulp. Morterud Einar (inventor). Issued 12-16-30.
1,786,245. Method and means for manufacturing drainpipes from veneer. Honningstad Amund et al, Arneson Arne, Norheim Alfred (inventors). Issued 12-23-30.
1,789,210. Bow guide for violins and the like stringed musical instruments. Auensen Peder Konrad (inventor). Issued 1-13-31.
1,789,212. Apparatus for producing luminous pictures in space. Bergve Einar (inventor). Issued 1-13-31.
1,789,791. Casting of concrete walls for buildings dams and other articles made of concrete. Tonnessen Stefan Due et al., Knudsen Alfred Theodor (inventors). Issued 1-20-31.
1,791,412. Paper machine in order to prevent breakage of the paper on the couch press or wire cloth. Jacobsen Nils Andor (inventor). Issued 2-3-31.
1,792,556. Device for the manufacture of fishhooks. Topp Mathias (inventor); Mustad O & Son (grantee). Issued 2-17-31.
1,794,083. Combined drill transport and connecting trolley. Lund Christopher Henrik Hoelfeldt (inventor); A. S. Hoeleng (grantee). Issued 2-24-31.

1,795,396. Travelers toilet casket. Holter Alfred (inventor). Issued 3-10-31.
1,797,700. Process for smelting sulphide ores to metal matte and slag. Skappel Harald (inventor). Issued 3-24-31.
1,797,807. Core for electric transformers. Swendsen Johan Walfred (inventor). Issued 3-24-31.
1,798,653. High pressure steam boiler. Bjering Hans Christian (inventor). Issued 3-31-31.
1,798,844. Pulley block. Johansson Carl Alfred (inventor). Issued 3-31-31.
1,800,156. Method and means for the atomizing or distribution of liquid or semiliquid materials. Rotheim Erik (inventor). Issued 4-7-31.
1,802,266. Pulp digester with interior circulation. Morterud Einar (inventor). Issued 4-21-31.
1,805,593. Process of producing vitamine preparations. Owe Aage Willand (inventor). Issued 5-19-31.
1,806,255. Arch dam. Groner Christian Fredrik et al, Kloumann Sigurd (inventors). Issued 5-19-31.
1,807,544. Directly heated pulp digester. Morterud Einar (inventor). Issued 5-26-31.
1,808,122. Manufacture of tubes and pipes. Sonnichsen Francis et al, Frisch Francis Adolf, Nicolaysen Herman Arthur (inventors). Issued 6-2-31.
1,810,845. Top screen for wood pulp digesters or the like. Morterud Einar (inventor). Issued 6-16-31.
1,812,759. Device for releasing shells in aircraft. Slinde Per (inventor). Issued 6-30-31.
1,813,937. Sail mast and rig for sailing boats and sailing vessels. Krussand Daniel (inventor). Issued 7-14-31.
1,814,509. Dam. Groner Christian Fredrik (inventor). Issued 7-14-31.
1,814,952. Manufacture of horseshoe nails. Mustad Hans Clarin Hovind (inventor); Mustad O and Son (grantee). Issued 7-14-31.
1,815,961. Refrigerator of the adsorption type. Amundsen Ivar (inventor). Issued 7-28-31.
1,816,132. Rotary dewatering sieve. Strindlund John (inventor). Issued 7-28-31.
1,816,285. Process of converting phosphate rock into soluble compounds and of separating its content of lime and phosphoric acid. Johnson Erling (inventor); Odda Smelteverk A S (grantee). Issued 7-28-31.
1,816,402. Device for regulating the size of the combustion chamber in combustion motors. Rudd Otto Severin (inventor). Issued 7-28-31.
1,816,739. Process for the manufacture of cellulose. Nielsen Albert Elias (inventor). Issued 7-28-31.
1,819,963. Process for treatment of wood pulp by percolation. Morterud Einar (inventor). Issued 8-18-31.
1,821,309. Process of manufacturing compound fertilizers. Johnson Erling (inventor); Odda Smelteverk A S (grantee). Issued 9-1-31.
1,821,605. Apparatus for measuring the contents of moisture in chemical and mechanical wood pulp. Andersen Axel Christian (inventor). Issued 9-1-31.
1,822,055. Gas pedal. Naesheim Albert (inventor). Issued 9-8-31.
1,825,186. Horseshoe. Harsem Peter Andreas (inventor); Imperator Hestesko A S (grantee). Issued 9-29-31.
1,827,446. Process of making refractory linings. Westberg Sigurd (inventor). Issued 10-13-31.
1,828,591. Process of treating fatty material to obtain fats or oils therefrom. Bull Henrik (inventor). Issued 10-20-31.
1,828,792. Valve for internal combustion engines and the like. Tverbakk Hakon Aksel Pedersen (inventor). Issued 10-27-31.
1,829,268. Shaft furnace for treating solid materials with gases. Edwin Emil (inventor); Norsk Staal Elektrisk Gas Reduktion (grantee). Issued 10-27-31.
1,829,379. Computing machine. Vethe Anders (inventor). Issued 10-27-31.
1,829,686. Induction motor. Swendsen Johan Walfred (inventor). Issued 10-27-31.
1,829,921. Hinge seat cutter. Bruun Lars (inventor). Issued 11-3-31.
1,831,176. Manufacture of seed blocks. Holm Hansen Birger (inventor); International Skogplantningsmetode A S. Issued 11-10-31.
1,831,748. Arrangement for the circulation of digesting liquor in wood pulp digesters. Morterud Einar (inventor). Issued 11-10-31.
1,833,848. Bottom sieve for wood pulp digesters. Morterud Einar (inventor). Issued 11-24-31.
1,834,454. Manufacture of fertilizers. Johnson Erling (inventor); Odda Smelteverk A S. Issued 12-1-31.
1,834,455. Process of manufacturing phosphoric acid and soluble phosphates. Johnson Erling (inventor); Odda Smelteverk (assignee). Issued 12-1-31.
1,834,788. Process for the production of a sugar solution. Langfeldt Einar (inventor). Issued 12-1-31.
1,836,296. Machine for mending knitted woven or similar articles. Torgersen Dag (inventor). Issued 12-15-31.
1,836,774. Combined collecting and money changing apparatus. Samuelsen Hjalmar, et al (inventor); Kielland Jakob de Rytter (inventors). Issued 12-15-31.
1,836,862. Process of removing liquor from wood pulp digesters. Morterud Einar (inventor). Issued 12-15-31.
1,836,880. Electrode. Sem Mathias Ovrom (inventor); Det Norske A S for Elektrokemisk Industri of Norway (grantees). Issued 12-15-31.
1,837,868. Apparatus to control hearing. Ingebrigtsen Brvnjulf Hay (inventor). Issued 12-22-31.
1,837,985. Pulp digester with forced circulation. Morterud Einar (inventor). Issued 12-22-31.
1,841,652. Record and index card system. Tollefsen Carl Thorleif (inventor). Issued 1-19-32.
1,841,874. Method of loading boreholes with explosives and means for working said method. Borchgrevink Otto Fredrik (inventor). Orkla Grube Aktiebolag (grantee). Issued 1-19-32.
1,842,131. Record and index card system. Tollefsen Thorleif (inventor). Issued 1-19-32.
1,843,408. Dam. Trumpy Casper (inventor). Issued 2-2-32.
1,849,459. Apparatus for turning of leaves of music. Klaussen Leif Bjarne (inventor). Issued 3-15-32.
1,850,476. Propeller. Riis Hans Martinius (inventor). Issued 3-22-32.
1,850,638. Collapsible and transportable house. Schioler Helge (inventor). Issued 3-22-32.
1,851,254. Ditching machine. Karlsen Henry (inventor); Hanneborg Aurora (grantee). Issued 3-29-32.
1,852,510. Process of treating titaniferous materials with acid. Farup Peder (inventor); Titan Co A S. Issued 4-5-32.
1,852,669. Divan sleeping chair and the like. Nordby Birger (inventor). Issued 4-5-32.
1,854,080. Lock arrangement for safe doors, etc. Tonnessen Adolph (inventor). Issued 4-12-32.
1,854,537. Pneumatic tire for vehicles. Andersen Felix Fridtjov (inventor). Issued 4-19-32.
1,854,899. Process of making refractory insulating material. Goldschmidt Victor Moritz (inventor). Issued 4-19-32.
1,855,073. Electric induction motor. Swendsen Johan Walfred (inventor). Issued 4-19-32.
1,856,187. Process of producing calcium nitrate and ammonium salts from phosphate rock and like phosphate material. Johnson Erling (inventor); Odda Smelteverk A S (grantee). Issued 5-3-32.
1,857,725. Roasting apparatus. Lassen Hans Karl Andreas (inventor). Issued 5-10-32.
1,858,326. Arrangement for securing elastic articles to rigid supports. Harsem Peter Andreas (inventor); Imperator Hestesko A S (grantee). Issued 5-17-32.
1,859,738. Process of manufacturing fertilizers. Johnson Erling (inventor); Odda Smelteverk A S (grantee). Issued 5-24-32.
1,860,741. Crystallization apparatus. Jeremiassen Finn (inventor). Issued 5-31-32.
1,861,695. Elastic horseshoe with metal reenforcements. Harsem Peter (inventor); Imperator Hestesko A S (grantee). Issued 6-7-32.
1,862,808. Checking apparatus. Solheim Peter (inventor). Issued 6-14-32.
1,863,113. Potato harvesting machine. Hanstad Kaare (inventor). Issued 6-14-32.
1,863,984. Working & loading platform for gallery work in tunnels. Hoelfeldt Lund Cristopher Henrik (inventor); A. S. Hoeleng (grantee). Issued 6-21-32.
1,865,768. Method of treating mechanical wood pulp. Klem Per (inventor). Issued 7-5-32.
1,867,235. Rotary valve. Thorkildsen Johan (inventor). Issued 7-12-32.
1,867,436. Method and apparatus for concentrating pulp water. Andresen Otto (inventor). Issued 7-12-32.
1,868,386. Ski fastening device. Gresvig Aksel Johan (inventor). Issued 7-19-32.
1,868,415. Method of manufacturing screws with one or two appending washers. Gundersen Einar et al, Lahn Harald (inventors). Issued 7-19-32.
1,869,270. Steam intake sleeve for sulphite pulp digesters. Morterud Einar (inventor). Issued 7-26-32.
1,869,462. Stretching and fastening device for ropes. Burheim Olav (inventor). Issued 8-2-32.
1,871,575. Machine for molding and pressing oil seed cakes or the like. Aarskog Alv et al, Svendsen Karsten, Ebel Peter (inventors); A S Lilleborg Fabriker (grantee). Issued 8-16-32.
1,873,527. Electrical switch. Anfinnsen Arnfinn Schancke et al, Oftedal Jakob (inventors). Issued 8-23-32.
1,875,182. Fishhook. Southwell Frank (inventor); Mustad O and Son (grantee). Issued 8-30-32.
1,875,576. Wooden Plank House. Een Johannes Benjamin (inventor). Issued 9-6-32.
1,875,634. Steamship with the main boiler mounted on a deck or platform at some height above the bottom of the ship or the tank top. Meldahl Knud Georg (inventor). Issued 9-6-32.
1,876,501. Process of manufacturing concentrated fertilizers. Johnson Erling (inventor); Odda Smelteverk A S (grantee). Issued 9-6-32.
1,877,441. Advertising device. Andvig Hans (inventor). Issued 9-13-32.
1,880,167. Folding baby carriage. Baerulfsen Karl Magnus (inventor). Issued 9-27-32.
1,882,188. Vehicle lamp. Makaroff Sergei (inventor). Issued 10-11-32.
1,882,391. Apparatus for digesting wood pulp. Morterud Einar (inventor). Issued 10-11-32.
1,886,755. Screw press and the like. Strindlund John (inventor). Issued 11-8-32.
1,888,455. Ski. Eriksen Emil Marius (inventor). Issued 11-22-32.
1,892,120. Automatic machinery for making fishhooks. Topp Mathias (inventor); Mustad O and Son (grantee). Issued 12-27-32.
1,892,750. Method and apparatus for atomizing materials. Rotheim Erik (inventor). Issued 1-3-33.

1,893,112. An induction motor with short circuited secondary. Swendsen Johan Walfred (inventor). Issued 1-3-33.
1,895,011. Boat launching gear. Smith Christen (inventor). Issued 1-24-33.
1,895,266. Wood pulp digester with internal circulation conduit. Morterud Einar (inventor). Issued 1-24-33.
1,898,749. Induction motor with short circuited secondary. Swendsen Johan Walfred (inventor). Issued 2-21-33.
1,898,962. Dividing card for cigarette boxes. Hvistendahl Georg (inventor). Issued 2-21-33.
1,900,287. Process of producing alumina and phosphorus or phosphoric acid. Johnson Erlin (inventor); Odda Smelteverk A S (grantee). Issued 3-7-33.
1,900,848. Rudder for sea going vessels. Vadset Johan Gundersen (inventor). Issued 3-7-33.
1,900,982. Typewriter and like machine. Dreyer Paul (inventor). Issued 3-14-33.
1,901,263. Internal combustion engine. Ruud Otto Severin (inventor). Issued 3-14-33.
1,901,862. Pneumatic tire. Andersen Felix Fridtjov (inventor). Issued 3-21-33.
1,903,770. Process for preparation of a product containing all opium alkaloids. Aagaard Thorvald Bernhart et al, Samdahl Bjarne, Hopstock Frantz Philip (inventors); A S Farmakon (grantee). Issued 4-18-33.
1,904,894. Process and apparatus for the manufacture of cellulose. Westad Daniel (inventor). Issued 4-18-33.
1,904,937. Barking drum. Strindlund John (inventor). Issued 4-18-33.
1,906,632. Heating apparatus. Langberg Christian et al, Wathne Campbell (inventors). Issued 5-2-33.
1,907,269. Dishwashing machine. Selmer Curt (inventor). Issued 5-2-33.
1,909,052. Pump for the conveyance of thick fluid pulps. Froisland Amunder (inventor). Issued 5-16-33.
1,909,704. Method for the manufacture of rib piping. Morseth Leif (inventor); A S Per Kure Norsk Motor & Dynamofabrik (grantee). Issued 5-16-33.
1,909,712. Indicating device with two electrically operated signals. Oppegaard Karl Fredrik (inventor). Issued 5-16-33.
1,910,709. Electrode for geophysical surveys. Mortenson Magne (inventor). Issued 5-23-33.
1,913,624. Means for cooling perishable food products. Bennetter Sigvart Johan (inventor). Issued 6-13-33.
1,916,801. Machine for sorting perforated cards. Knutsen Knut Andreas (inventor). Issued 7-4-33.
1,917,373. Spring for cars. Jakobsen Svend Older (inventor). Issued 7-11-33.
1,917,592. List or fillet for crevices. Lund Adolf Ingvald (inventor). Issued 7-11-33.
1,918,913. Admission of air to the induction pipes of internal combustion engines. Isdahl Einar (inventor). Issued 7-18-33.
1,919,425. Process for dissolving titaniferous materials in acids. Farup Peder (inventor); Titan Co A S (grantee). Issued 7-25-33.
1,920,165. Mouth cleansing device. Andvig Hans (inventor). Issued 8-1-33.
1,920,765. Percussion tool. Rasch Ludvik (inventor). Issued 8-1-33.
1,922,955. Ski fastener. Jensen Hans (inventor). Issued 8-15-33.
1,923,612. Torpedo for launching from a flying machine. Bull Johan Andreas (inventor). Issued 8-22-33.
1,924,041. Process of manufacturing a product containing ammonium nitrate and calcium carbonate. Johnson Erling (inventor); Odda Smelteverk A S (grantee). Issued 8-22-33.
1,925,330. Combined casing and press for tennis rackets. Leisner Rolf William (inventor). Issued 9-5-33.
1,925,489. Method for the extraction of emulsified suspended or dissolved substances from liquids by means of volatile solvents. Langfeldt Einar et al, Hellerud Ragnvald (inventors). Issued 9-5-33.
1,926,023. Vertical index cabinet. Aagaard Birger (inventor). Issued 9-12-33.
1,926,494. Heating device. Morterud Knut Kristoffer (inventor). Issued 9-12-33.
1,926,591. Electrodialyzer. Loddesol Aasuly (inventor). Issued 9-12-33.
1,928,854. Electrode suspension means. Grolee Jean (inventor); Det Norske A S for Elektrokemisk Industri (grantee). Issued 10-3-33.
1,930,880. Electrical heating apparatus. Lokke Ole Odolf (inventor); A S Elektrisk Bureau (grantee). Issued 10-17-33.
1,933,223. Air pump. Skui Einar Borgvald (inventor). Issued 10-31-33.
1,933,678. Packing box with circulating cooling water. Morterud Knut (inventor). Issued 11-7-33.
1,933,813. Electric washing machine for cleaning fabric or other woven material. Lehmkuhl Joachim (inventor). Issued 11-7-33.
1,938,422. Means for producing proofs from the cast lines of type bar casting machines. Gjaeder Asbjorn (inventor). Issued 12-5-33.
1,939,225. Agitating tank for cellulose pulp and similar substances. Qviller Olaf (inventor); A S Thunes Mek Vaerksted (grantee). Issued 12-12-33.
1,939,351. Process of dissolving phosphate rock and of separating its content of lime and phosphoric acid. Johnson Erling (inventor); Odda Smelteverk A S (grantee). Issued 12-12-33.
1,941,243. Manufacture of artificial cream. Bergsvik Arne et al, Hellerud Ragnvald (inventors). Issued 12-26-33.
1,941,261. Milk product and the manufacture thereof. Hellerud Ragnvald (inventor). 12-26-33.
1,945,998. Coating composition. Rotheim Erik (inventor). Issued 2-6-34.
1,946,636. Horseshoe of rubber or similar material. Nygaard Egil (inventor). Issued 2-13-34.
1,946,860. Self locking thread system. Kielland Jakob de Rytter (inventor). Issued 2-13-34.
1,947,635. Process of manufacturing an acid toothpaste. Bergve Einar (inventor). Issued 2-20-34.
1,949,985. Apparatus for killing animals by electricity. Weber Karl Albert (inventor). Issued 3-6-34.
1,954,699. Painting brush. Gorgas Johan Fredrik (inventor). Issued 4-10-34.
1,956,697. Method for preparing sowing and planting in forest and field ground. Rognerud Truls (inventor). Issued 5-1-34.
1,961,868. Means for the automatic manufacture of threaded nuts. Staubo Rolf (inventor). Issued 6-5-34.
1,962,073. Metal reenforcement structure for horseshoes of elastic material. Harsem Oistein (inventor); Imperator Hestesko Aktieselskap (grantee). Issued 6-5-34.
1,970,002 Device for relieving manifold vacuum. Ericsson Anders (inventor). Issued 8-14-34.
1,971,815. Treatment of sulphurous iron ores. Halvorsen Birger Fjeld (inventor). Issued 8-28-34.
1,971,858. Printing device for tabulating machines for perforated cards. Knutsen Knut Andreas (inventor). Issued 8-28-34.
1,972,849. Safety device for electrodes. Wisdom Stuart A (inventor); Det Norske assignee for Elektrokemisk Industri (grantees). Issued 9-4-34.
1,973,343. Ski. Hansen Karl Johan (inventor). Issued 9-11-34.
1,973,354. Holder for paper rolls. Nedberg Sverre (inventor). Issued 9-11-34.
1,973,444. Toe iron for ski ties. Proyme Reinar (inventor). Issued 9-11-34.
1,974,125. Process for generating gaseous fuels. Soelberg Jens Mork Friis (inventor). Issued 9-18-34.
1,975,299. Ski binding. Tappe Frank Georg (inventor). Issued 10-2-34.
1,975,923. Rope construction. Christiansen Christian et al, Rusch Gustav Otte Karl (inventors). Issued 10-9-34.
1,976,283. Method of treating solutions of phosphate rock in nitric acid. Johnson Erling (inventor); Smelteverk A S Odda (grantee). Issued 10-9-34.
1,977,529. Safety razor appliance. Schaanning Kristofer Hassel (inventor). Issued 10-16-34.
1,982,549. Process for the manufacture of nitrate of lime in globular form. Stephansen Nicolai et al, Eyer Carl, Meder Georg (inventors); Norsk Hydro Elektrisk Kvaelstof A S (grantee). Issued 11-27-34.
1,983,024. Treatment of crude phosphates. Foss Antonius (inventor); Norsk Hydro Elektrisk Kvaelstof A S (grantee). Issued 12-4-34.
1,983,544. Arrangement for supply of current to electrothermic melting furnaces. Ingelsrud Hildor (inventor); Det Norske A S for Elektrokemisk Industrie (grantees). Issued 12-11-34.
1,984,130. Device for battening down hatches. Halvorsen Daniel Wilhelm (inventor). Issued 12-11-34.
1,987,414. Apparatus for pressure cooking and subsequent cooling of hermetically sealed cans. Omsted Kaare (inventor). Issued 1-8-35.
1,989,332. Propeller log. Munster Paul Lovenorn et al, Thelin Oscar Albin (inventors). Issued 1-29-35.
1,992,102. Method of making nuts. Syversen Sverre Georg (inventor). Issued 2-19-35.
1,992,571. Tuning system for pianos. Groven Eivind (inventor). Issued 2-26-35.
1,993,636. Ski. Ullevoldsaeter Bjorn (inventor); Ostbye Peter Schou (grantee). Issued 3-5-35.
1,994,070. Process for treating raw phosphates. Foss Antonius (inventor); Norsk Hydro Elektrisk Kvaelstof A S (grantees). Issued 3-12-35.
1,994,198. Heating device for wood pulp digesters. Morterud Einar (inventor). Issued 3-12-35.
1,995,011. Machine for removing water from wood pulp cellulose and the like. Qviller Olaf (inventor). Issued 3-19-35.
1,995,457. Alternating current alarm Kvaal Albert (inventor); A S Elektrisk Bureau (grantee). Issued 3-26-35.
1,995,576. Method of manufacturing bricks. Nielsen Henrik (inventor). Issued 3-26-35.
1,998,582. Machine for twisting metal wires. Jensen Karl Johan (inventor); Whist Gunnar Larsen (grantee). Issued 4-23-35.
1,998,879. Ski binding device. L Abee Lund Johan Henrik (inventor); L Abee Lund Aktieselskap (grantee). Issued 4-23-35.
2,001,141. Transmission for transmitting power at different speed ratios from a driver shaft to a driven shaft. Kittilsen Coom (inventor). Issued 5-14-35.
2,002,609. Ring shuttle reel for sewing machines. Mygland Arne (inventor). Issued 5-28-35.
2,003,066. Firearm of the gas reloading type. Brondby Fridtjof Nielsen (inventor). Issued 5-28-35.
2,004,553. Armed wooden plate and armature bar for the same. Een Johannes Brynjulvsen (inventor). Issued 6-11-35.
2,005,407. Method of manufacturing impregnated textile belting. Abrahamsen Alfred et al, Hansen Johannes Eugen (inventors). Issued 6-18-35.
2,006,288. Vertical card index cabinet. Aagaard Birger (inventor). Issued 6-25-35.
2,006,289. Teeth cleaning appliance. Andvig Hans (inventor). Issued 6-25-35.
2,010,484. Construction of Subaqueous Tunnels. Gundersen August (inventor). Issued 8-6-35.

2,010,902. Process and apparatus for converting liquid substances into the form of granules. Stephansen Nicolai (inventor); Norsk Hydro Elektrisk Kvaelstof A S (grantee). Issued 8-13-35.
2,011,175. Rudder mechanism. Hiorth Jens Brodersen (inventor). Issued 8-13-35.
2,012,521. Mobile apparatus for burning and heating purposes. Rognerud Truls (inventor). Issued 8-27-35.
2,012,868. Safety razor with continuous blade. Eckbo Eivind Jensen (inventor). Issued 8-27-35.
2,016,007. Radiator. Hellen Jacob Ludvig (inventor). Issued 10-1-35.
2,017,400. Massaging apparatus. Hoyer Sigurd (inventor). Issued 10-15-35.
2,019,931. Rotary hammer tool. Rasch Ludvik (inventor). Issued 11-5-35.
2,019,975. Means for spreading or removing materials. Hoyer Frederick Lewis Maitland (inventor). Issued 11-5-35.
2,021,552. Process of improving the taste of hydrogenated oils. Hildisch Dietrich (inventor). Issued 11-19-35.
2,022,944. Coin inserting mechanism for coin controlled vending apparatus. Sjuve Ole (inventor). Issued 12-3-35.
2,023,709. Dishwashing machine. Steensen Sverre Johan (inventor). Issued 12-10-35.
2,028,470. Rolling machine. Nordby Emil (inventor). Issued 1-21-36.
2,030,265. Water tube boiler. Nygaard Johan Olsen (inventor). Issued 2-11-36.
2,031,150. Ski edge protector. Eriksen Emil Marius (inventor). Issued 2-18-36.
2,032,984. Holder for lip sticks or cosmetic sticks. Hanssen Ragnar Zeuthen (inventor). Issued 3-3-36.
2,035,955. Process for the production of ferrochromium free of carbon. Foss Antonius (inventor); Norsk Hydro Elektrisk Kvaelstofaktieselskab (grantee). Issued 3-31-36.
2,038,484. New uric acid dissolving remedies and a process for their production. Gaathaug Jon (inventor). Issued 4-21-36.
2,039,199. Device for regulating the air gap between the stator and rotor in dynamo machines having annular elements. Swendsen Johan Walfred (inventor). Issued 4-28-36.
2,039,807. Separation of the individual fibers in fibrous material. Kristoffersen Olaf (inventor). Issued 5-5-36.
2,042,661. Crystallization apparatus. Jeremiassen Finn (inventor); A S Krystal (grantee). Issued 6-2-36.
2,045,206. Coin controlled vending apparatus. Sjuve Ole (inventor). Issued 6-23-36.
2,045,734. Induction motor with disk wound stator and rotor. Swendsen Johan Walfred (inventor). Issued 6-30-36.
2,047,595. Mixing tank for fibrous material suspended in liquid. Richter Johan Cristoffer Fredrik Carl (inventor). Issued 7-14-36.
2,048,251. Safety razor with continuous blade. Fougner Nicolay Knudtzon (inventor). Issued 7-21-36.
2,049,015. Value printing machine. Moller Johan Georg Christian (inventor); Krag Maskin Fabrik A S (grantee). Issued 7-28-36.
2,049,232. Device for indicating magnetic directions. Sydnes Kolbein (inventor). Issued 7-28-36.
2,050,237. Arrangement of boilers in seagoing vessels. Meldahl Knud Georg (inventor). Issued 8-4-36.
2,050,238. Arrangement of marine boilers. Meldahl Knud Georg (inventor). Issued 8-4-36.
2,051,933. Siphon apparatus for impregnating liquids with carbonic acid. Andvig Hans (inventor). Issued 8-25-36.
2,052,460. Feeding device for foxes poultry or other animals confined in cages or similar rooms. Gilbo Einar (inventor). Issued 8-25-36.
2,054,000. Method for vulcanizing belts plates and the like of vulcanizable materials. Neerbye Willy (inventor); A S Den Norske Remfabrik (grantee). Issued 9-8-36.
2,054,385. Registering card index tray. Meier Erling (inventor); A S Elektrisk Bureau (grantee). Issued 9-15-36.
2,055,821. Process for manufacturing cord composed of textile threads and rubber. Hansen Caspar Fredrik et al, Meier Erling (inventors). Issued 9-29-36.
2,056,293. Mechanical Hammer. Rasch Ludvik (inventor). Issued 10-6-36.
2,056,490. Means for indicating the contents of silo bins storage tanks and like containers. Skaraas Bernt et al, Danielsson Erik (inventors). Issued 10-6-36.
2,056,576. Manufacture of yeast. Jansen Sigurd (inventor). Issued 10-6-36.
2,057,317. Driving mechanism for windshield wipers. Ruud Otto Severin (inventor). Issued 10-13-36.
2,061,191. Treatment of raw phosphates. Foss Antonius et al, Jensen Olaf, Lunde Odd Herbert (inventors); Norsk Hydro Elektrisk Kvaelstofaktieselskab (grantee). Issued 11-17-36.
2,062,280. Sticking of strips. Aanesen Finn et al, Lindboe Theodor (inventors). Issued 12-1-36.
2,064,755. Pressure lubrication pump. Jakobsen Svend Older (inventor). Issued 12-15-36.
2,065,179. Ski. Fosse Nils Olsen (inventor). Issued 12-22-36.
2,066,955. Distance relay for the protection of electric plants. Wideroe Rolf (inventor). Issued 1-5-37.
2,069,483. Dust separator. Skajaa Torleiv (inventor); Det Norske A S for Elektrokemisk Industri (grantee). Issued 2-2-37.
2,070,846. Paying and money changing device. Samuelsen Hjalmar et al, Kielland Jacob De Rytter (inventors). Issued 2-16-37.
2,073,356. Electrode suspension. Torchet Pierre (inventor); Det Norske A S for Elektrokemisk Industri (grantee). Issued 3-9-37.
2,075,723. Insole for ski boots. Jacobsen Einar et al., Carlsson Johannes (inventors); A S Ostfold Skofabrik (grantee). Issued 3-30-37.
2,076,095. Device for observing the operation of press rolls. Rolls Oscar (inventor). Issued 4-6-37.
2,077,837. Process for the refining of sperm oil or wax. Holwech Wilhelm (inventor). Issued 4-20-37.
2,078,810. Apparatus for continuous treatment of wood pulp and the like with chemicals. Richter Johan Cristoffer Fredrik Carl et al, Rosen Karl Wilhelm (inventors); Aktb Kamyr (grantee). Issued 4-27-37.
2,082,460. Apparatus for sterilizing and subsequently cooling food in closed containers. Omsted Kaare (inventor). Issued 6-1-37.
2,083,738. Process for preserving edible material. Nygaard Johan Olsen (inventor). Issued 6-15-37.
2,086,082. Apparatus for regulation of flow of fluid material. Imset Otto (inventor). Issued 7-6-37.
2,086,804. V belt and grooved pulley for the same. Hjartsater Jacob Johansson (inventor). Issued 7-13-37.
2,089,531. Tooth paste. Bergve Einar (inventor); A S Si Ko (grantee). Issued 8-10-37.
2,090,449. Arrangement for securing of the bowl liner of cone crushers. Knudtzen Johan Jentoft (inventor); A S Sydvaranger (grantee). Issued 8-17-37.
2,091,096. Ski binding. Gresvig Aksel (inventor). Issued 8-24-37.
2,093,044. Ski binding. Gresvig Aksel (inventor). Issued 9-14-37.
2,095,074. Process for the production of sulphate of ammonium. Falck Muus Thor (inventor); Norsk Hydro Elektrisk Kvaelstof A S (grantee). Issued 10-5-37.
2,095,583. Filing cabinet. Wigeland Amund Ragnvald et al, Tandberg Aksel Ottar (inventors). Issued 10-12-37.
2,097,682. Container. Andersen Gustav E (inventor). Issued 11-2-37.
2,100,146. Manufacture of soap from marine oils. Schmidt Nielsen Sigval et al, Flood Arne (inventors). Issued 11-23-37.
2,100,149. Method and arrangement for filtering waste water back water from paper cellulose and wood pulp factories etc. Qviller Olaf (inventor); A S Thunes Mekaniske Vaerksted (grantee). Issued 11-23-37.
2,100,415. Wood joining article. Theodorsen Olav Trygve (inventor). Issued 11-30-37.
2,100,927. Continuous anode for electrolytic cells for the production of aluminium. Trematore Raffaele (inventor); Det Norske A S for Elektrokemisk Industri (grantees). Issued 11-30-37.
2,101,513. Coin sorting device. Samuelsen Hjalmar et al, Kielland Jakob de Rytter (inventors). Issued 12-7-37.
2,103,675. Bridge foot piece for stringed musical instruments. Johannessen Jim (inventor); Gylden Tone A S (grantee). Issued 12-28-37.
2,103,737. Means for attaching skates to shoes. Tappe Frank Georg (inventor). Issued 12-28-37.
2,104,197. Screw press. Johansen Michal Arnt (inventor). Issued 1-4-38.
2,104,486. Carrying fixture especially for knapsacks. Johansen Rolf Hjorth (inventor). Issued 1-4-38.
2,105,943. Refractories. Goldschmidt Victor Moritz (inventor). Issued 1-18-38.
2,106,117. Method for making concrete roads. Holter Alfred (inventor). Issued 1-18-38.
2,107,831. Machine for the manufacture of ribbed piping. Morseth Leif (inventor); A S per Kure Norsk Motor & Dynamofabrik (grantees). Issued 2-8-38.
2,108,263. Compass. L Abee Lund Johan Henrik (inventor); L Abee Lund A S (grantee). Issued 2-15-38.
2,108,474. Device for threading the needle in sewing machines. Brun Arne et al, Honne Jacob Andersen (inventors); Honne Isak Andersen (grantee). Issued 2-15-38.
2,112,183. Ski. Ullevoldsaeter Bjorn (inventor). Issued 3-22-38.
2,116,007. Apparatus for the treatment of plastic explosives for the production of ribbon or rod shaped pieces. Bille Henrich (inventor); Norsk Spraengstof Industri A S (grantee). Issued 5-3-38.
2,116,022. Rotating valve for internal combustion engines. Gross Court (inventor); Motor (assignee) (grantee). Issued 5-3-38.
2,117,795. Process for producing designs in imitation of paintings. Eriksen Leif (inventor). Issued 5-17-38.
2,119,162. Screw press. Hartner Hans Andreas (inventor). Issued 5-31-38.
2,119,916. Revolving drying oven. Huse Ingebrigt Elias Paulsen (inventor). Issued 6-7-38.
2,120,765. Infrared ray viewing means. Orvin Lars Jorgen (inventor). Issued 6-14-38.
2,122,215. Electrically illuminated fish lure. Saelen Erling Johan Olsen (inventor). Issued 6-28-38.
2,126,430. Method of treating ships tanks and other large containers to protect their interior surfaces against corrosion. Unger Theodor Broch (inventor). Issued 8-9-38.
2,127,157. Hemp breaking machine. Christiansen Christian et al, Rusch Gustav Otto Karl (inventors). Issued 8-16-38.
2,128,156. Value stamping machine. Moller Johan Georg Christian (inventor); Hekla A S (grantee). Issued 8-23-38.

2,128,433. Insecticidal composition. Rotheim Erik (inventor). Issued 8-30-38.
2,129,325. Method for producing dilation slots in concrete road surfaces. Holter Alfred (inventor). Issued 9-6-38.
2,130,573. Three phase power direction indicating means. Wideroe Rolf (inventor). Issued 9-20-38.
2,132,149. Producing metals. Edwin Emil (inventor). Issued 10-4-38.
2,134,256. Process of producing and refining organ extracts. Laland Per et al, Klem Aage (inventors); Nyegaard & Co A S (grantee). Issued 10-25-38.
2,135,104. Method for the treatment of dried cassava roots to obtain starch. Heltne Laurits Pedersen (inventor). Issued 11-1-38.
2,136,124. Drying & or smoking oven. Berger Thorlief (inventor). Issued 11-8-38.
2,136,562. Ship's hull. Paulsen Reginald (inventor). Issued 11-15-38.
2,137,048. Ski binding. Holm Sverre (inventor). Issued 11-15-38.
2,137,370. Method of coating iron and steel surfaces. Unger Theodor Broch (inventor). Issued 11-22-38.
2,138,180. Ventilator of the louver type. Lehmkuhl Joakim (inventor). Issued 11-29-38.
2,145,153. Harpoon and like line or rope. Christiansen Christian et al, Rusch Gustav Otto Karl (inventors). Issued 1-24-39.
2,147,167. Means for the mounting of the cutting or grinding ribs or teeth in mills of any type. Kristoffersen Olaf (inventor). Issued 2-14-39.
2,151,368. Arrangement in sail sheets. Andresen Halvor Tobias Heyerdahl (inventor). Issued 3-21-39.
2,151,848. Compressor pump & the like. Grunert Kurt (inventor). Issued 3-28-39.
2,154,962. Device intended preferably to indicate the immediate contents in containers. Skaraas Bernt et al, Danielsson Erik (inventors). Issued 4-18-39.
2,159,183. Self baking electrode. Sem Mathias Ovrom (inventor); Det Norske A S for Electrokemisk Industri (grantees). Issued 5-23-39.
2,160,727. Safety razor with ribbon shaped blade. Fougner Nicolay Knudtzon (inventor); Eckbo Eivind Jensen (grantee). Issued 5-30-39.
2,161,097. Closure for bottles and the like. Schroder Nielsen Thorolf (inventor). Issued 6-6-39.
2,162,304. Internally cooled valve for combustion engines. Gross Court (inventor); Motor A S A V 1935 (grantee). Issued 6-13-39.
2,163,137. Adjustable candlestick. Ager Wick Emil (inventor). Issued 6-20-39.
2,164,111. Apparatus and method for treating granular materials with flowing liquids. Jeremiassen Finn (inventor); A S Krystal (grantee). Issued 6-27-39.
2,164,112. Crystallization process. Jeremiassen Finn (inventor); A S Krystal (grantee). Issued 6-27-39.
2,164,727. Process for the production of low carbon steel. Westberg Sigard (inventor). Issued 7-4-39.
2,165,720. Lid for hermetically sealed cans or boxes. Norland Torvald (inventor). Issued 7-11-39.
2,165,749. Arrangement for controlling the start in race courses. Engholm Trygve Henry et al, Hernes Guttorm (inventors); Jacobsens N Elektriske Vaerksted A S (grantee). Issued 7-11-39.
2,168,957. Machine for the winding of the electrical coils on a ring formed dynamo core. Kursteiner Ernst (inventor). Issued 8-8-39.
2,169,563. Electrode and its suspension. Legeron Jean Louis (inventor); Det Norske A S for Electrokemisk Industri (grantee). Issued 8-15-39.
2,170,404. Artillery type wheel for vehicles. Greaker Josef (inventor). Issued 8-22-39.
2,171,099. Electrical control apparatus for heating plants. Hartmann Riis Petter (inventor). Issued 8-29-39.
2,172,038. Method and apparatus for carrying out respiration analyses. Scholander per Fredrik (inventor). Issued 9-5-39.
2,173,013. Apparatus for the combustion of waste materials. Frenger Gunnar (inventor). Issued 9-12-39.
2,173,420. Nut locking arrangement. Kielland Jakob de Rytter (inventor). Issued 9-19-39.
2,179,796. Circulation system for wood pulp digesters. Morterud Einar (inventor). Issued 11-14-39.
2,181,794. Ski binding. Schlytter Thomas (inventor). Issued 11-28-39.
2,182,009. Method of reducing ore particularly iron ore. Wiberg Frans Martin (inventor); Det Norske A S for Elektrokemisk Industri (grantee). Issued 12-5-39.
2,183,171. Ski binding. Refsdal Anfinn (inventor). Issued 12-12-39.
2,184,711. Arrangement of main boilers for steamships. Damsleth Olaf (inventor); Kaldnes Mek Versted A S (grantee). Issued 12-26-39.
2,185,567. Emptying apparatus for diffusers pulp bins and the like for the manufacture of cellulose and paper. Qviller Olaf (inventor). Issued 1-2-40.
2,185,912. Nautical course corrector. Fladmark Thor (inventor). Issued 1-2-40.
2,187,537. Combined tour and slalom binding. Bruun Jacob Wessel (inventor). Issued 1-16-40.
2,189,372. Combination dresser mounting. Stangebye Olaf Kristian (inventor). Issued 2-6-40.
2,191,567. Calculating machine. Gard Rolf Hofgaard Brate (inventor). Issued 2-27-40.
2,192,974. Pressure lubricator. Jakobsen Svend Older (inventor). Issued 3-12-40.
2,193,434. Electrode with slide contacts. Sem Mathias Ovrom (inventor); Det Norske A S for Elektrokemisk Industri (grantee). Issued 3-12-40.
2,193,698. Draft sintering apparatus. Rolfsen Ole (inventor). Issued 3-12-40.
2,194,504. Steam plant. Kielland Kaspar Kruse (inventor); Ruthsaccumulator A S (grantee). Issued 3-26-40.
2,195,680. Apparatus for continuous treatment of wood pulp cellulose and similar material with bleaching liquid alkali or other chemicals. Richter Johan Christoffer Fredrik Carl (inventor); A B Kamyr (grantee). Issued 4-2-40.
2,195,792. Machine for actuating fluid. Straatveit Nils Nilsen (inventor). Issued 4-2-40.
2,196,619. Machine for making closures. Andresen Halvor Tobias Heyerdahl (inventor). Issued 4-9-40.
2,200,425. Machine for punching and coiling dynamo core ribbons. Kursteiner Ernst (inventor). Issued 5-14-40.
2,201,528. Apparatus for adding extracts or the like to shower baths. Freng Johannes (inventor). Issued 5-21-40.
2,207,950. Periodical absorption refrigerating plant. Steensen Sverre Johan (inventor). Issued 7-16-40.
2,208,716. Refrigerating apparatus and method. Amundsen Ivar (inventor). Issued 7-23-40.
2,210,862. Device for drying the inside of shoes and boots. Tronstad Leif Hans Larsen (inventor). Issued 8-6-40.
2,216,813. Metal cased refractory. Goldschmidt Victor Moritz (inventor). Issued 10-8-40.
2,216,836. Rotating sleeve valve for combustion motors. Gross Court (inventor); Motor A S AV 1935 (grantee). Issued 10-8-40.
2,219,633. Process for the treatment of sulphide ores. Pande John (inventor). Issued 10-29-40.
2,223,671. Gas operated automatic firearm. Brondby Fridtjof Nielsen (inventor). Issued 12-3-40.
2,224,648. Sound deadening supporting element for fastening machine members. Haadem Ivar Loken (inventor). Issued 12-10-40.
2,224,739. Continuous electrode and method of supply current thereto. Manfredini Luigi (inventor); Det Norske for Elektrokemisk Industri (grantee). Issued 12-10-40.
2,226,747. Means for supply of current to electric furnaces. Sem Mathias Ovrom (inventor); Det Norske A S for Elektrokemisk Industrie (grantee). Issued 12-31-40.
2,227,165. Evaporator for periodical absorption refrigerating plants. Steensen Sverre Johan (inventor). Issued 12-31-40.
2,228,693. Wear resisting edge for skis. Deans George Sherriffs (inventor). Issued 1-14-41.
2,231,130. Self locking nut. Lehre Frithjof (inventor). Issued 2-11-41.
2,231,309. Process of treating gases from aluminum furnaces. Weber Julius (inventor); Det Norske A S for Elektrokemisk Industri (grantee). Issued 2-11-41.
2,233,505. Hot liquid accumulator. Amundsen Ivar (inventor). Issued 3-4-41.
2,233,517. Rope especially harpoon line. Christiansen Christian et al, Rusch Gustav Otto Karl (inventors). Issued 3-4-41.
2,233,856. Sideways adjustable shoe fastening means for sporting appliances as skis skates or the like. Tappe Frank Georg (inventor). Issued 3-4-41.
2,234,612. Silencer for internal combustion engines. Wold Wilhelm Petersen (inventor); Wold Wilhelm Petersen, Eger Adolf (grantees). Issued 3-11-41.
2,235,601. Method of shaping the skin planking of vessels. Andreassen Martin Berg (inventor). Issued 3-18-41.
2,237,859. Mixing and kneading machine particularly for plastic explosives or the like. Bille Henrich (inventor); Norsk Spraengstof Industrie A S (grantee). Issued 4-8-41.
2,238,528. Trouser hanger. Knudsen Leif (inventor). Issued 4-15-41.
2,238,673. Process for the treatment of titanium containing iron ores. Asak Ragnvald (inventor); Christiania Spigerverk (grantee). Issued 4-15-41.
2,238,835. Door lock or locking device for doors windows and the like. Tveten Finn (inventor). Issued 4-15-41.
2,240,878. Arrangement in sail sheets. Andresen Halvor Tobias Heyerdahl (inventor). Issued 5-6-41.
2,240,896. Apparatus for electric welding. Sonnichsen Francis (inventor). Issued 5-6-41.
2,242,479. Tractor driven plow. Panengen Oscar (inventor). Issued 5-20-41.
2,248,037. Cooking apparatus. Olsen Fredrik (inventor). Issued 7-1-41.
2,251,037. Bomb harpoon. Corneliussen Carl et al, Corneliussen Erling (inventors). Issued 7-29-41.
2,252,317. Refractory building material. Goldschmidt Victor Moritz (inventor). Issued 8-12-41.
2,254,559. Device for closing of containers coupling of tubes, etc. Andresen Halvor Tobias Heyerdahl (inventor). Issued 9-2-41.
2,254,809. Metal melting furnace. Tharaldsen Filip (inventor). Issued 9-2-41.
2,254,963. Airplane. Hovland Abraham Nilsen (inventor). Issued 9-2-41.
2,255,704. Means for counting portioning and packing matter as tablets pills and the like. Hansen Morten (inventor). Issued 9-9-41.

2,258,381. Process for the recovery of potassium salts from solutions. Fleischer Wilhelm et al, Kielland Jacob (inventors); Norsk Hydro Elektrisk Kvaelstof A S (grantee). Issued 10-7-41.
2,258,385. Temperature control in oil fired central heat plants. Hartmann Riis Petter (inventor). Issued 10-7-41.
2,259,684. One way brake arrangement in motor driven vehicles. Ellingsen Haakon (inventor). Issued 10-21-41.
2,261,115. Keyboard of calculating machines. Hofgaard Rolf (inventor). Issued 11-4-41.
2,263,888. Pulp thickening and washing apparatus. Richter Johan Christoffer Fredrik Carl (inventor); Aktb Kamyr (grantee). Issued 11-25-41.
2,266,131. Process for smoking foodstuffs. Thon Christian (inventor). Issued 12-16-41.
2,271,267. Self locking nut. Lehre Frithjof (inventor). Issued 1-27-42.
2,271,272. Process for the manufacture of keepable fish products. Minde Hjalmar (inventor); Heen Eirik (grantee). Issued 1-27-42.
2,271,276. Process for producing cement. Rolfsen Ole (inventor). Issued 1-27-42.
2,274,073. Compass. L Abee Lund Johan Henrik (inventor); L Abee Lund A S (grantee). Issued 2-24-42.
2,274,804. Garment stretcher clamp. Nygaard Olaf Ludvik et al, Eikvang Erling Kristian (inventors). Issued 3-3-42.
2,275,304. Hand mirror. Maurud Oystein (inventor). Issued 3-3-42.
2,275,330. Ski stick. Tveten Finn (inventor). Issued 3-3-42.
2,276,877. Paper machine. Rolls Oscar (inventor). Issued 3-17-42.
2,279,597. Controlling means for hoists and winches. Selmer Johan Fredrik (inventor). Issued 4-14-42.
2,283,250. Manufacture of refractory materials. Goldschmidt Victor Moritz et al, (inventor); Stenvik Kristoffer Johannes (grantee). Issued 5-19-42.
2,289,398. Wire twisting machine. Whist Gunnar L (inventor). Issued 7-14-42.
2,291,198. Electric counting device. Alnaes Ingvald Julius (inventor); Alnaes I A S Ingeniorforretningen Atlas A S (grantees). Issued 7-28-42.

[F. R. Doc. 43-5326; Filed, April 5, 1943; 2:12 p. m.]

[Vesting Order 673]

Patents of Nationals of Poland

Under the authority of the Trading with the Enemy Act, as amended, and Executive Order No. 9095, as amended, and pursuant to law, the undersigned, after investigation:

1. Finding that the persons identified in Exhibit A attached hereto and made a part hereof as the inventors and grantees of the patents described in said Exhibit A, are residents of Poland and are nationals of a foreign country (Poland);

2. Finding that the owner or owners of each patent described in said Exhibit A are one or more of the persons identified therein as inventor or grantee of such patent;

2. Finding, therefore, that the property described as follows:

All right, title and interest, including all accrued royalties and all damages and profits recoverable at law or in equity from any person, firm, corporation or government for past infringement thereof, in and to the patents identified in said Exhibit A,

is property in which nationals of a foreign country (Poland) have interests;

4. Having made all determinations and taken all action, after appropriate consultation and certification, required by said Executive Order or Act or otherwise; and

5. Deeming it necessary in the national interest;

hereby vests in the Alien Property Custodian the property hereinbefore described in subparagraph 3, to be held, used, administered, liquidated, sold or otherwise dealt with in the interest of and for the benefit of the United States.

Such property, and any or all of the proceeds thereof, shall be held in an appropriate special account or accounts, pending further determination of the Alien Property Custodian. This shall not be deemed to limit the powers of the Alien Property Custodian to return such property or the proceeds thereof, or to indicate that compensation will not be paid in lieu thereof, if and when it should be determined that such return should be made or such compensation should be paid.

Any person, except a national of a designated enemy country, asserting any claim arising as a result of this order may file with the Alien Property Custodian a notice of his claim, together with a request for a hearing thereon, on Form APC-1, within one year from the date hereof, or within such further time as may be allowed by the Alien Property Custodian. Nothing herein contained shall be deemed to constitute an admission of the existence, validity or right to allowance of any such claim.

The terms "national" and "designated enemy country" as used herein shall have the meanings prescribed in section 10 of said Executive Order.

Executed at Washington, D. C. on January 18, 1943.

[SEAL] LEO T. CROWLEY,
Alien Property Custodian.

EXHIBIT A

1,585,997. Disintegrating machine. Kutaszewicz Feliks (inventor); Spolka Lidowiecka Handlowo Przemyslowa Sp Z O O (grantees). Issued 5-25-26.
1,597,165. Dry cell. Markiewicz Marjan et al, Romer Waldemar (inventors). Issued 8-24-26.
1,599,102. Combined logarithmic calculating device and writing implement. Schauer Joachim (inventor). Issued 9-7-26.
1,603,442. Zinc blende roasting kiln. Balz Georg (inventor). Issued 10-19-26.
1,612,025. Water wheel. Jankowski Julijan (inventor). Issued 12-28-26.
1,623,893. Device for dropping bombs from aircraft. Swiatecki Wladyslaw (inventor). Issued 4-5-27.
1,658,519. Process for the preparation of nitrates and a dry mixture of chlorine and nitrosyl chloride. Dominik Walenty (inventor). Issued 2-7-28.
1,658,701. Spindle driving arrangement for spinning machines. Berlinerblau Joseph (inventor). Issued 2-7-28.
1,660,875. Press plate for rail fishplates. Klosowski Zenon (inventor). Issued 2-28-28.
1,663,576. Apparatus for hot working metal. Von Kossowksi Waclaw (inventor). Issued 3-27-28.
1,668,034. Bore hole apparatus. Zaluski Tadeusz (inventor). Issued 5-1-28.
1,693,483. Gas producer. Jaworski Paul (inventor); Bismarckhutte Bismarckhutte Polnisch Oberschlesien (grantees). Issued 11-27-28.
1,697,728. Automatic railroad crossing gate and signal. Kwiatowski Jan et al, Skapski Sylwester (inventors). Issued 1-1-29.
1,708,399. Sifting antenna. Plebanski Josef (inventor). Issued 4-9-29.
1,708,400. Directive antenna system. Plebanski Josef (inventor). Issued 4-9-29.
1,710,374. Process of & apparatus for dewatering oil emulsions. Moscicki Ignacy (inventor). Issued 4-23-29.
1,713,933. Airplane. Szymanski Michael A (inventor). Issued 5-21-29.
1,730,370. Target practice testing device. Jarzabkiewicz Roman et al, Wojdatt Edward (inventors). Issued 10-8-29.
1,730,375. Lock. Matuch Karol (inventor). Issued 10-8-29.
1,732,954. Paper punching device. Suda Roman (inventor). Issued 10-22-29.
1,751,822. Snowplow for engines. Kudzia Ludwik (inventor). Issued 3-25-30.
1,763,545. Discharging means for open railway wagons. Willimek Gustaw et al, Skarbek Kozietulski Wladyslaw (inventors). Issued 6-10-30.
1,765,161. Cask barrel or like container. Kaempf Roman et al, Lankoff Antoni (inventors). Issued 6-17-30.
1,773,242. Shoe with interchangeable sole and heel. Siekacz Antoni (inventor). Issued 8-19-30.
1,773,656. Shelter or shed for aircraft. Wasilkowski Franciszek (inventor). Issued 8-19-30.
1,777,205. Machine for treating materials. Kutaszewicz Felix (inventor). Issued 9-30-30.
1,782,834. Apparatus for rendering displays visible from all sides. Wlodarski Franciszek (inventor). Issued 11-25-30.
1,784,719. Means for driving spindles in textile spinning machines. Berlinerblau Joseph (inventor). Issued 12-9-30.
1,796,925. Method of making screw dies. Folman Jozef (inventor). Issued 3-17-31.
1,805,377. Device for raising fluids from boreholes. Schweiger Bruno (inventor). Issued 5-12-31.
1,808,307. Device for mining coal and the like. Kalla Franz (inventor). Issued 6-2-31.
1,817,484. Grate. Goebel Tadeusz (inventor). Issued 8-4-31.
1,820,161. Plant for treating gas. Rzeczkowski Bronislaw (inventor). Issued 8-25-31.
1,825,472. Means for drinving spindles in textile spinning machines. Berlinerblau Joseph (inventor). Issued 9-29-31.
1,827,816. Heat transmitting support for cooking utensils. Ilnicki Klemens (inventor). Issued 10-20-31.
1,829,834. Potato digger. Kochanowski Stanislaus Zygmunt (inventor). Issued 11-3-31.
1,839,941. Centrifugal separator. Zelezniak Wladyslaw (inventor). Issued 1-5-32.
1,846,783. Apparatus for the grading of flour. Berbeka Karol (inventor). Issued 2-23-32.
1,847,517. Wheeled plow. Kopycinski Aleksander (inventor). Issued 3-1-32.
1,849,851. Adjustable oar for rowboats. Salcman Sabin Karol (inventor). Issued 3-15-32.
1,860,397. Method and apparatus for the determination of the concentration of blood milk and other suspensions by means of electric current. Slawinski Alexander (inventor). Issued 5-31-32.
1,860,763. Device for making orthogonal diagrams. Adamiecki Karol (inventor). Issued 5-31-32.
1,863,978. Coupling for pipes with threaded ends. Foucault Jacques (inventor). Issued 6-21-32.
1,869,231 Process for preparing valuable compounds from the refining wastes of cracked products particularly cracked benzines. Von Piotrowski Waclaw et al, Winkler Jozef (inventors); Galicyjskie Towarzstwo Naftowe Galicja S A (grantee). Issued 7-26-32.
1,869,516. Agricultural implement. Siemienski Waclaw (inventor). Issued 8-2-32.
1,872,166. Screw. Muhlig Ludwik (inventor). Issued 8-16-32.

1,881,617. Impregnation of wood and other vegetable substances. Iwanowski Waclaw et al, Turski Jozef (inventors). Issued 10-11-32.
1,889,462. Method of producing smokeless gunpowder. Bazylewicz Kniazykowski Eugeniusz et al, Partyka Kazimierz (inventors). Issued 11-29-32.
1,899,041. Means for regulating the super heater temperature of the steam in locomotive engines. Madeyski Juljan (inventor); Warszawska Spolka Akcyjna Budowy Parowozow (grantee). Issued 2-28-33.
1,899,924. Arched roof. Broda Jan (inventor). Issued 3-7-33.
1,906,883. Boat. Pietrzykowsi Jozef (inventor). Issued 5-2-33.
1,914,269. Method of applying metal coatings. Liban Tadeusz (inventor). Issued 6-13-33.
1,918,882. Means for regulating crankless motor compressors. Witkiewicz Roman et al, Wicinski Adam (inventors). Issued 7-18-33.
1,922,463. Process of dyeing and the dyed materials produced. Turski Joseph Felix (inventor). Issued 8-15-33.
1,928,088. Optical rectifier. Bledowski Jan (inventor). Issued 9-26-33.
1,930,786. Crankless motor compressor. Witkiewicz Roman et al, Wicinski Adam (inventors). Issued 10-17-33.
1,933,070. Process for the production of sulphonic acids. Pilat Stanislaw et al, Sereda Jaroslaw (inventors). Issued 10-31-33.
1,933,811. Apparatus for guiding endless track vehicles on railway tracks. Kossakowski Tadeusz (inventor). Issued 11-7-33.
1,944,960. Crankless motor compressor. Witkiewicz Roman et al, Wicinski Adam (inventors). Issued 1-30-34.
1,959,479. Firing device. Kielczewski Jerry (inventor); Lignoza Spolka Akcyjna (grantee). Issued 5-22-34.
1,963,204. Grinding machine for all kinds of materials. Kutaszewicz Eugenjusz (inventor). Issued 6-19-34.
1,964,639. Coal distillation apparatus. Kropiwnicki Edmund (inventor). Issued 6-26-34.
1,975,045. Method of making pipe bends. Kossowski Waclaw (inventor). Issued 9-25-34.
1,976,874. Loud speaker. Brzeski Henryk (inventor). Issued 10-16-34.
1,977,101. Treatment of gas. Von Piotrowski Waclaw et al, Winkler Josef (inventors). Issued 10-16-34.
1,991,922. Apparatus for removing boiler impurities and for preventing boiler scale. Czeczott Albert (inventor). Issued 2-19-35.
1,996,692. Process of preparing valuable compounds from the waste products obtained in the refining of cracked mineral oils. Von Piotrowski Waclaw et al, Winkler Jozef (inventors). Issued 4-2-35.
1,997,526. Locking device. Lejbowicz Ferdinand Josef (inventor). Issued 4-9-35.
2,007,708. Valve gear for internal combustion engines. Eberman Ludwik (inventor). Issued 7-9-35.
2,009,270. Apparatus for treating patients by bodily movements. Mayer Karol (inventor). Issued 7-23-35.
2,014,769. Carriage for transporting endless track vehicles on roads & railway tracks. Kossakowski Tadeusz (inventor). Issued 9-17-35.
2,017,045. Rocking blotting paper holder. Granholm Vera Gunhild (inventor). Issued 10-15-35.
2,022,579. 2 3 hydroxy naphthoic acid arylamide. Turski Joseph Felix (inventor). Issued 11-26-35.
2,023,717. Electric battery cell. Willimek Gustaw (inventor). Issued 12-10-35.
2,024,747. Manufacture of spur and bevel wheels. Samek Franciszek Kacper (inventor). Issued 12-17-35.
2,027,755. Synchronizing device for machine guns on aircraft. Szal Jan (inventor). Issued 1-14-36.
2,042,259. Method of purifying aminoarseno benzenes. Kielbasinski Stanislaw (inventor). Issued 5-26-36.
2,044,355. Process for producing polysubstituted derivatives of urea. Kardaszewicz Jerzy (inventor); Panstowowe Wytwornie Prochu (grantee). Issued 6-16-36.
2,044,534. Locking device. Lejbowicz Ferdinand Josef (inventor). Issued 6-16-36.
2,044,537. Safety device for gas conduits. Dunin Markiewicz Stanislaw et al, Sudlitz Czeslaw, Smisniewicz Tadeusz (inventors); Panstwowa Wytwornia Prochu (grantee). Issued 6-16-36.
2,048,356. Weaving loom. Schwabe Kurt (inventor). Issued 7-21-36.
2,065,003. Means for building deep foundations. Widugier Edward (inventor). Issued 12-22-36.
2,065,104. Lavatories bidets etc. Stamberger Pinkus (inventor). Issued 12-22-36.
2,067,567. Appliance for setting and bandaging forearm fractures. Gruca Adam (inventor). Issued 1-12-37.
2,068,687. Method of applying metallic coatings. Liban Tadeusz (inventor). Issued 1-26-37.
2,076,283. Displaceable rudder for aircraft. Teisseyre Jerzy et al, Zdaniewski August (inventors). Issued 4-6-37.
2,085,241. Door for airship hangars. Wasilkowski Franciszek (inventor). Issued 6-29-37.
2,089,671. Automatic firearm. Stecke Edward (inventor). Issued 8-10-37.
2,090,382. Can opener. Zaremba Tadeusz (inventor). Issued 8-17-37.
2,095,607. Locking device. Lejbowicz Ferdinand Josef (inventor). Issued 10-12-37.
2,096,111. Electric motor or machine. Kozlowski Henryk Stanislaw (inventor). Issued 10-19-37.
2,097,058. Apparatus for whetting little shaving knives. Bylicki Stanislaw (inventor). Issued 10-26-37.
2,103,692. Process for the production of secondary and tertiary Alkyl monochlorides. Piotrowski Waclaw Junosza et al, Winkler Jozef (inventors). Issued 12-28-37.
2,111,719. Ignition mixtures for percussion caps of all kinds small munitions and primers. Zielinski Bronislaw (inventor). Issued 3-22-38.
2,112,095. Roller. Hoffmann Fritz (inventor). Issued 3-22-38.
2,115,809. Means for automatically moving a rotating blade in axial direction. Goldman Bronislaw (inventor). Issued 5-3-38.
2,123,239. Reinforcing member for reinforced concrete structures. Griffel Henryk (inventor). Issued 7-12-38.
2,130,006. Periscope for armored vehicles. Gundlach Rudolf (inventor). Issued 9-13-38.
2,139,208. Milk distribution apparatus and a can for use with the said apparatus. Rindl Adolf et al, Rindl Honorata (inventors). Issued 12-6-38.
2,142,592. Process for refining the dark colored kinds of colophony. Waligora Aleksander (inventor). Issued 1-3-39.
2,148,915. Telephone system. Trechcinski Roman (inventor). Issued 2-28-39.
2,151,147. Process for obtaining organic compounds from acid sludge from refining of mineral oils. V Piotrowski Waclaw Junosza et al, Winkler Jozef (inventors). Issued 3-21-39.
2,152,889. Telephone system. Jedrychowski Jerzy (inventor); Panstwowe Zaklady Tele I Radjotechniczne W. Warszawie (grantees). Issued 4-4-39.
2,153,654. System of tone signaling and impulsing. Trechcinski Roman (inventor); Panstwowe Zaklady Tele I Radjotechniczne W Warszawie (grantees). Issued 4-11-39.
2,156,437. Fire alarm. Slusarz Tadeusz (inventor). Issued 5-2-39.
2,159,714. Tube. Serog Leopold (inventor). Issued 5-23-39.
2,163,365. Chair bedstead. Terschmann Karl Richard (inventor). Issued 6-20-39.
2,172,784. Process for obtaining valuable organic compounds from the acid sludge of mineral oil refining processes. Bauer Karl et al, Poitrowski Waclaw Junosza V, Burstin Hugo, Winkler Jozef (inventors). Issued 9-12-39.
2,174,890. Door lock. Lipiner Edmund (inventor). Issued 10-3-39.
2,203,010. Hydraulic propulsion of ships boats and other floating structures. Diamand Witold (inventor). Issued 6-4-40.
2,219,839. Method of production of diethylene diamine. Grosberg Stanislaw (inventor); Scott and Bowne Spotka Akcyjna Towarzystwo Przemystowo Handlowe Dla Wyrobow Chemiczno Farmaceutycznych (grantees). Issued 10-29-40.
2,220,665. Weft cutter for looms. Schwabe Kurt (inventor). Issued 11-5-40.
2,221,718. Exchangeable heel. Niedworok Pawel (inventor). Issued 11-12-40.
2,245,445. Electrical color selecting device for weaving looms. Schwabe Kurt (inventor). Issued 6-10-41.
2,261,296. Loom. Schwbe Kurt (inventor). Issued 11-4-41.

[F. R. Doc. 43-5327; Filed, April 5, 1943; 2:07 p. m.]

[Vesting Order 674]

PATENTS OF NATIONALS OF YUGOSLAVIA

Under the authority of the Trading with the Enemy Act, as amended, and Executive Order No. 9095, as amended, and pursuant to law, the undersigned, after investigation:

1. Finding that the persons identified in Exhibit A attached hereto and made a part hereof as the inventors and grantees of the patents described in said Exhibit A, are residents of Yugoslavia and are nationals of a foreign country (Yugoslavia);

2. Finding that the owner or owners of each patent described in said Exhibit A are one or more of the persons identified therein as inventor or grantee of such patent;

3. Finding, therefore, that the property described as follows:

All right, title and interest, including all accrued royalties and all damages and profits recoverable at law or in equity from any person, firm, corporation or government for past infringement thereof, in and to the patents identified in said Exhibit A,

is property in which nationals of a foreign country (Yugoslavia) have interests;

4. Having made all determinations and taken all action, after appropriate consultation and certification, required by said Executive Order or Act or otherwise; and

5. Deeming it necessary in the national interest;

hereby vests in the Alien Property Custodian the property hereinbefore described in subparagraph 3, to be held, used, administered, liquidated, sold or otherwise dealt with in the interest of and for the benefit of the United States.

Such property, and any or all of the proceeds thereof, shall be held in an appropriate special account or accounts, pending further determination of the Alien Property Custodian. This shall not be deemed to limit the powers of the Alien Property Custodian to return such property or the proceeds thereof, or to indicate that compensation will not be

paid in lieu thereof, if and when it should be determined that such return should be made or such compensation should be paid.

Any person, except a national of a designated enemy country, asserting any claim arising as a result of this order may file with the Alien Property Custodian a notice of his claim, together with a request for a hearing thereon, on Form APC–1, within one year from the date hereof, or within such further time as may be allowed by the Alien Property Custodian. Nothing herein contained shall be deemed to constitute an admission of the existence, validity or right to allowance of any such claim.

The terms "national" and "designated enemy country" as used herein shall have the meanings prescribed in section 10 of said Executive Order.

Executed at Washington, D. C., on January 18, 1943.

[SEAL] LEO T. CROWLEY,
Alien Property Custodian.

EXHIBIT A

1,571,506. Quick action triple valve. Bozic Dobrivoje (inventor). Issued 2-2-26.
1,622,373. Lamp. Gonyk Ignatz (inventor). Issued 3-29-27.
1,628,589. Scythe. Gonyk Ignatz (inventor). Issued 5-10-27.
1,638,960. Transparent sealing wax. Prikelmayer Joseph (inventor). Issued 8-16-27.
1,670,960. Padlock. Gonyk Ignatz (inventor). Issued 5-22-28.
1,677,441. Automatic lubricating device for hinges of doors and windows. Gonyk Ignatz (inventor). Issued 7-17-28.
1,679,348. Distributor for fluid pressure brakes. Bozic Dobrivoje (inventor). Issued 8-7-28.
1,693,480. Distributing device for solid soap. Gonyk Ignatz (inventor). Issued 11-27-28.
1,711,345. Bolt lock. Gonyk Ignatz (inventor). Issued 4-30-29.
1,716,774. Apparatus for winding cinematographic or photographic film bands. Halla Josip (inventor). Issued 6-11-29.
1,785,623. Bathing shoe. Gorjan Elsa (inventor). Issued 12-16-30.
1,793,148. Carburetor. Warlay Milan (inventor); Galovac Milivoj J (grantee). Issued 2-17-31.
1,879,386. Shoulder rest for violins. Medakovic Mirko (inventor). Issued 9-27-32.
1,891,131. Rocking horse rocking chair and the like. Zivkovic Zaharije (inventor). Issued 12-13-32.
1,942,883. Pneumatic shoe. Schaffer Adolf (inventor). Issued 1-9-34.
1,950,338. Rocking horse rocking chair and the like. Zivkovic Zaharije (inventor). Issued 3-6-34.
1,959,973. Apparatus for the manufacture of superphosphate and like products. Wellisch Dragutin (inventor). Issued 5-22-34.
1,964,704. Means for preventing and removing boiler scale. Erenyi Ljudevit (inventor). Issued 6-26-34.
2,086,182. Method of and apparatus for producing cinematographic pictures. Dvornik Andrija (inventor). Issued 7-6-37.
2,151,720. Orthopedic footwear with foot-supporting plate. Sarcevic Mato (inventor). Issued 3-28-39.
2,156,906. Ashtray with extinguisher for cigarettes or cigars. Vajda Franjo (inventor); Abramovic Dr Josip (grantee). Issued 5-2-39.
2,163,154. Bathtub. Radimsky August (inventor). Issued 6-20-39.
2,167,107. Device for reproducing cinematographic pictures. Dvornik Andrija (inventor). Issued 7-25-39.
2,192,840. Method of preparing quinuclidine and derivatives thereof. Prelog Vlado (inventor). Issued 3-5-40.
2,193,927. Steering gear. Jivkovitch Alexander (inventor). Issued 3-19-40.
2,195,345. Esters of flacourtiacea alcohols. Stefanovic Czren et al, Stefanovic Georg (inventors). Issued 3-26-40.

[F. R. Doc. 43–5328; Filed, April 5, 1943; 2:08 p. m.]

[Vesting Order 675]

PATENTS OF NATIONALS OF BELGIUM

Under the authority of the Trading with the Enemy Act, as amended, and Executive Order No. 9095, as amended, and pursuant to law, the undersigned, after investigation:

1. Finding that the owners of the patents and other property related thereto described in subparagraph 3 hereof are either the persons identified in Exhibit A attached hereto and made a part hereof as the grantees of such patents, respectively, or (in the cases only of those patents, if any, in connection with which no grantees are so identified) the persons identified in said Exhibit A as the respective inventors thereof;

2. Finding that each of such owners is a resident of Belgium, and therefore is a national of a foreign country (Belgium);

3. Finding, therefore, that the property described as follows:

All right, title and interest, including all accrued royalties and all damages and profits recoverable at law or in equity from any person, firm, corporation or government for past infringement thereof, in and to the patents identified in said Exhibit A,

is property of nationals of a foreign country (Belgium);

4. Having made all determinations and taken all action, after appropriate consultation and certification, required by said Executive Order or Act or otherwise; and

5. Deeming it necessary in the national interest;

hereby vests in the Alien Property Custodian the property hereinbefore described in subparagraph 3, to be held, used, administered, liquidated, sold or otherwise dealt with in the interest of and for the benefit of the United States.

Such property, and any or all of the proceeds thereof, shall be held in an appropriate special account or accounts, pending further determination of the Alien Property Custodian. This shall not be deemed to limit the powers of the Alien Property Custodian to return such property or the proceeds thereof, or to indicate that compensation will not be paid in lieu thereof, if and when it should be determined that such return should be made or such compensation should be paid.

Any person, except a national of a designated enemy country, asserting any claim arising as a result of this order may file with the Alien Property Custodian a notice of his claim, together with a request for a hearing thereon, on Form APC–1, within one year from the date hereof, or within such further time as may be allowed by the Alien Property Custodian. Nothing herein contained shall be deemed to constitute an admission of the existence, validity or right to allowance of any such claim.

The terms "national" and "designated enemy country" as used herein shall have the meanings prescribed in section 10 of said Executive Order.

Executed at Washington, D. C., on January 18, 1943.

[SEAL] LEO T. CROWLEY,
Alien Property Custodian.

EXHIBIT A

RE16,724. Power brake. Dewandre Albert (inventor); S A Servofrein Dewandre (grantee). Issued 10-19-26.
RE20,346. Motion picture projector. Callier Andre et al, Heger Fernand (inventors). Issued 1-14-36.
RE20,706. Connector for taps, pipes and the like. Aghnides Elie (inventor). Issued 2-23-37.
DE104,030. Design for a reflector. Gunsbourg Arcadius (inventor). Issued 5-13-37.
DE112,692. Design for a smokers stand. De Meyere Mauris (inventor). Issued 12-27-38.
DE112,693. Design for a smoking stand. De Meyere Mauris (inventor). Issued 12-22-38.
1,563,616. Process and apparatus for roasting ores. Fassotte Adolphe Denis Henri Leon (inventor); Cie Des Metaux Overpeit Lommel S A (grantee). Issued 12-1-25.
1,565,039. Machine for smoothing and resmoothing the matrices of ingot molds and other hollow bodies. Voituron Edmond (inventor); S A D Ougree Marihaye (grantee). Issued 12-8-25.
1,566,181. Sheet glass drawing furnace. Brasseur Georges et al, Andris Aristide (inventors). Issued 12-15-25.
1,566,378. Free wheel clutch. Defordt Jules Frederic (inventor). Issued 12-22-25.
1,567,614. Electropneumatic brake. Pieper Henri (inventor); Cie Internationale des Freins Automatiques S A (grantee). Issued 12-29-25.
1,567,688. Apparatus for sharpening circular knives. Van Damme Victor (inventor); New Elswick Trading Co Ltd The (grantee). Issued 12-29-25.
1,568,046. Telephonic and radiotelephonic message or audition by means of fluid resistance. Bertron Ernest (inventor). Issued 1-5-26.
1,568,866. Heating stove. Barault Georges (inventor). Issued 1-5-26.
1,568,884. Microphone. Darimont Leopold (inventor). Issued 1-5-26.
1,570,011. Mechanism for raising and lowering the window frames in convertible vehicle bodies. Serste Jacques Egide (inventor). Issued 1-19-26.
1,570,210. Stabilizing device for automobile underframes. De Coninck Arthur (inventor). Issued 1-19-26.
1,571,103. Photographic pigmentary printing paper. Sury Joseph (inventor). Issued 1-26-26.
1,571,274. Bogie for rail and tramway cars. Kamp Alphonse (inventor). Issued 2-2-26.
1,572,892. Side blast converter furnace. Levoz Toussaint (inventor). Issued 2-16-26.
1,574,592. Felt for use on the drying portion of paper and pasteboard machines. V Asten Eduard (inventor). Issued 2-23-26.
1,574,593. Wet felt for the paper and pulp industry. V Asten Eduard (inventor). Issued 2-23-26.
1,575,664. Detachable heel for footwear. Van Roy Leopold (inventor). Issued 3-9-26.
1,576,236. Stroboscopic apparatus. Czikan Louis (inventor). Issued 3-9-26.
1,576,933. Centrifugal governor. Romeyn Jean (inventor). Issued 3-16-26.
1,578,718. Method of producing alkali metal sulphides. De Bethune Gaston et al, Vahrenkampf Robert (inventors); Soc Nationale D Industrie Chimique en Belgique S A (grantee). Issued 3-30-26.

1,578,906. Motor cycle. Morel Eugene Marie (inventor); S A des Anciens Etablissements Ch Fondes (grantee). Issued 3-30-26.
1,579,295. Coal washing process and plant. France Antoine (inventor). Issued 4-6-26.
1,579,296. Rotary valve distributing device for compressed air and like engines. Francois Nicolas (inventor). Issued 4-6-26.
1,579,414. Drawing mechanism. Thoma Meinrad F (inventor). Issued 4-6-26.
1,579,993. Apparatus for sorting granular materials of different specific gravities. Andre Paul F A C (inventor); S A des Produits A Flenu (grantee). Issued 4-6-26.
1,580,728. Combined washing & sorting apparatus. Hodeige Ernest (inventor); Evence Coppee & Co (grantee). Issued 4-13-26.
1,581,397. Process and attachment for the combustion, the reduction or the treatment of solid material or of pulverized minerals. De Spirlet Xavier (inventor). Issued 4-20-26.
1,582,132. Method of controlling the temperature of cast glass in the manufacture of sheet glass by vertical drawing. Delacuvellerie Ernest (inventor); S A The Brevets Fourcault (grantee). Issued 4-27-26.
1,583,015. Washer for blocking nuts. Seeger Leopold (inventor). Issued 5-4-26.
1,583,104. Spring fastening for motor cars. Adriaenssens Francois (inventor). Issued 5-4-26.
1,583,673. Method of producing hydrogen from water gas. De Graer Jules Hector (inventor). Issued 5-4-26.
1,587,677. Typewriter. Peeters Henry (inventor). Issued 6-8-26.
1,588,100. Apparatus for rerubbering pneumatic tires. Eymael Arnaud et al, Dall Este Michel A (inventors). Issued 6-8-26.
1,590,684. Mop frame structure. Hendrick Collette Oscar Paul Dominique (inventor). Issued 6-29-26.
1,590,979. Cinematographic or like film. Kuypers Hendrik (inventor); Gevaert Photo Producten N V (grantee). Issued 6-29-26.
1,592,789. Friction clutch. Thiry Maurice (inventor). Issued 7-13-26.
1,598,646. Method of fishplate connection of railway and like rails. Harvengt Roger (inventor). Issued 9-7-26.
1,601,145. Milking cup. Remy Franz (inventor). Issued 9-28-26.
1,603,750. Power brake. Dewandre Albert (inventor); S A Servo Frein Dewandre (grantee). Issued 10-19-26.
1,604,035. Wax seal and apparatus therefor. Goddefroy Ernest Theodore (inventor). Issued 10-19-26.
1,604,565. Purification of gases. Coulier Sylvain (inventor. Issued 10-26-26.
1,605,798. Shock absorber. Van Crombrugge Marcel Charles (inventor). Issued 11-2-26.
1,606,361. Device for the control of brakes. Godeau Fernand Louis Dec et al, Godeau Madame Veuve Fernand Louis nee Josephine Anciaux excx, Tollenaere Madame Leon nee Mariette Raymonde Godeau excx (inventors); S A Du Servofrein Dewandre (grantee). Issued 11-9-26.
1,606,671. Piano action. Smulders Carl (inventor). Issued 11-9-26.
1,606,955. Photographic printing device. Montigny Albert (inventor). Issued 11-16-26.
1,608,203. Servo brake. Dewandre Albert (inventor); S A Servo Frein Dewandre (grantee). Issued 11-23-26.
1,610,545. Apparatus for cleaning the wet felts of paper machines. Asten Eduard V (inventor). Issued 12-14-26.
1,611,696. Machinery for preparing textile fibers. Thoma Meinrad F (inventor). Issued 12-21-26.
1,613,446. Electrical relay switch. Dumont Guillaume (inventor). Issued 1-4-27.
1,613,543. Mechanical converter. Sturbelle Lucien Charles (inventor). Issued 1-4-27.
1,614,981. Apparatus for regulating the speed of continuous firing of automatic weapons. Francart Remy (inventor); S A Etablissements Braekers (grantee). Issued 1-18-27.
1,615,210. Process and device for drying paper and the like fibrous webs. Asten Eduard V (inventor). Issued 1-25-27.
1,615,653. Shock absorber for suspended vehicles. Roelandts Adelson (inventor). Issued 1-25-27.
1,616,322. Vault for baking ovens or kilns. Laurent Jules (inventor). Issued 2-1-27.
1,616,791. Mineral concentrating plant. France Antoine (inventor). Issued 2-8-27.
1,618,040. Axle for tramway railway and other vehicles. Algrain Paul (inventor). Issued 2-15-27.
1,618,987. Variable speed gear. Lescarts Fernand (inventor). Issued 3-1-27.
1,620,325. Combing machine. Corman Jean Joseph Gustave Godfroid (inventor). Issued 3-8-27.
1,621,179. Automatic inflater arranged on and actuated by internal combustion engines. Surlemont Henri (inventor). Issued 3-15-27.
1,622,160. Firing socket or cup for grenades. Mattlet Ernest (inventor); Fabrique Nationale D Armes De Guerre S A (grantees). Issued 3-22-27.
1,622,217. Speed reducing apparatus. Barbier Alfred (inventor). Issued 3-22-27.
1,623,191. Cop winding frame. Lambert Oswald (inventor). Issued 4-5-27.
1,624,020. Loose leaf ledger. Stockmans Charles (inventor). Issued 4-12-27.
1,625,744. Electric traction system for agricultural implements. Remy Franz. (inventor). Issued 4-19-27.
1,625,775. Means for regulating automatically sweeping fire in machine guns. Scheluto Jean, Furnemont Fernand Julien Joseph (inventors); Coene Gaston Emile (grantee). Issued 4-19-27.
1,626,079. Suppository and means for insertion of the same. Gougnard Henri Clement Lambert (inventor); Soc Belge Des Produits Rationnels (grantee). Issued 4-26-27.
1,626,108. Shock absorbing socket for electric filament lamps. Van Bommel Pierre (inventor). Issued 4-26-27.
1,629,184. Foundry ladle crane. Thomas Arthur (inventor); Ateliers de Constructions Electriques de Charleroi S A (grantees). Issued 5-17-27.
1,629,779. Fastener. Degueldre Fernand et al, Demaret Lievine Nee Degueldre (inventors). Issued 5-24-27.
1,629,794. Target practice device. Jacquemin Joseph Elie Theodule et al, Frere Maurice Paschal Celestin (inventors). Issued 5-24-27.
1,630,289. Apparatus for measuring and distributing liquids. Bouffart Maurice (inventor). Issued 5-31-27.
1,634,042. Typewriter. Peeters Henry (inventor). Issued 6-28-27.
1,636,975. Retort oven for low temperature carbonization. Zuyderhoudt Pierre Charles Decd (inventor); Zuyderhoudt Madam Fanny Excr (grantee). Issued 7-26-27.
1,637,276. Heat exchanging apparatus. Forgan Potts John (inventor). Issued 7-26-27.
1,638,186. Machine for the manufacture of footwear. De Vooght Gustave (inventor). Issued 8-9-27.
1,638,721. Asbestos drier felt. Asten Eduard V (inventor). Issued 8-9-27.
1,638,783. Automatic pistol. Philippart Emile (inventor). Issued 8-9-27.
1,638,975. Means for eliminating water from the pulp on the wire of paper making machines. Antoine Victor (inventor. Issued 8-16-27.
1,639,199. Back spacing mechanism for typewriters. Peeters Henry (inventor). Issued 8-16-27.
1,640,251. Cupola furance. Poumay Adolphe (inventor). Issued 8-23-27.
1,640,643. Bottle washing machine. Brusson Joseph (inventor). Issued 8-30-27.
1,642,302. Liquid distributing apparatus. Gouvion Franz (inventor). Issued 9-13-27.
1,643,717. Pneumatic separator for spinning frames. Linon Ivan, et al, Dethier Joseph (inventors). Issued 9-27-27.
1,644,792. Pressure and suction distributing mechanism. Remy Franz (inventor). Issued 10-11-27.
1,645,671. Self scraping hearth for gas generators and other furnaces. Trefois Leon (inventor). Issued 10-18-27.
1,645,895. Process of making files. Coenen Edouard (inventor). Issued 10-18-27.
1,646,066. Transforming machine with symmetrically subdivided flux for the control of traction motors or the like. Riccia Angelo Della (inventor). Issued 10-18-27.
1,646,900. Apparatus for braking railway vehicles. De Lathauwer Arthur (inventor). Issued 10-25-27.
1,647,953. Treatment of hides and skins preliminary to tanning. Botson Rene. Issued 11-1-27.
1,648,164. Checker work. Cousin Arthur Jules Francois Joseph (inventor); S. A. John Cockerill (grantee). Issued 11-8-27.
1,648,379. Railway rail for detaching brake skids. Digna Leon (inventor); Acieries de Haine St. Pierre et Lesquin S A (grantees). Issued 11-8-27.
1,651,646. Boiler furance. Trasenster Gustave (inventor); S A D Ougree Marihaye (grantee). Issued 12-6-27.
1,656,124. Milking machine. Melotte Alfred (inventor). Issued 1-10-28.
1,656,232. Process of stabilization of ferruginous water. Peeters Constant (inventor). Issued 1-17-28.
1,656,581. Two cycle multicylinder internal combustion engine. Hanocq Charles (inventor). Issued 1-17-28.
1,656,860. Spinning or twisting frame. Lambert Oswald (inventor). Issued 1-17-28.
1,657,394. Regulating device for heavy oil engines. Held Georges (inventor). Issued 1-24-28.
1,657,395. Spraying device for heavy oil engines. Held Georges (inventor). Issued 1-24-28.
1,660,418. Method for the concentration of acetic acid. Duclaux Jacques (inventor); Fabrique de Soie Artificielle de Tubize S A (grantees). Issued 2-28-28.
1,660,640. Paper making machine. Asten Eduard V (inventor). Issued 2-28-28.
1,661,316. Scutching machine. Van Steenkiste Joseph et al, Van Maercke Joseph (inventors). Issued 3-6-28.
1,661,621. Brake mechanism. Pieper Henri (inventor); Cie Internationale Des Freins Automatiques S A (grantees). Issued 3-6-28.
1,661,622. Brake system for vehicles running on rails. Pieper Henri (inventor); Cie Internationale Des Freins Automatiques S A (grantees). Issued 3-6-28.
1,661,623. Braking device for vehicles. Pieper Henri (inventor); Cie Internationale Des Freins Automatiques S A (grantees). Issued 3-6-28.
1,661,624. Servo brake. Pieper Henri (inventor); Cie Internationale Des Freins Automatiques S A (grantees). Issued 3-6-28.
1,661,625. Brake device. Pieper Henri (inventor); Cie Internationale Des Freins Automatiques S A (grantees). Issued 3-6-28.
1,663,922. One way driving mechanism. Robin Leo et al, De Ponthiere Philippe (inventors). Issued 3-27-28.
1,664,968. Lathe. Coenen Edouard (inventor). Issued 4-3-28.
1,665,093. Liquid distributing apparatus. Gouvion Franz (inventor). Issued 4-3-28.
1,667,754. Balanced chassis with independent suspension for automobile vehicles and the like. Van Malderghem Yvon (inventor). Issued 5-1-28.

1,668,550. Hooping of the stacks of blast furnaces. Cousin Arthur Jules Francois Joseph (inventor); S A John Cockerill (grantee). Issued 5-8-28.
1,668,968. Charging device for gas producers shaft furnaces and the like. Lambot Joseph (inventor). Issued 5-8-28.
1,670,099. Wind motor. D Asseler Jules (inventor). Issued 5-15-28.
1,670,286. Building block. Steppe Raoul (inventor). Issued 5-15-28.
1,670,976. Fishplate for railway rails. Menschaert Joseph et al, Menschaert Marcel Virgile Joseph (inventors); Acieries de Haine St Pierre et Lesquin S A (grantees). Issued 5-22-28.
1,671,207. Moving footway. Parlongue Edgard Henri Charles Joseph (inventor). Issued 5-29-28.
1,673,528. Brake mechanism. Pigeolet Rene (inventor); S A Cie Internationale Des Freins Automatiques (grantees). Issued 6-12-28.
1,674,571. Two stroke internal combustion engine. Romeyn Jean (inventor). Issued 6-19-28.
1,674,786. Apparatus for acidulating textile and other materials. Molinghen Emile et al, Gaye Jules (inventors). Issued 6-26-28.
1,675,023. Valve mechanism. Dewandre Albert (inventor); Servo Frein Dewandre S A (grantee). Issued 6-26-28.
1,675,217. Process and apparatus for the continuous manufacture of plate glass or sheets of glass. Heuze Charles (inventor). Issued 6-26-28.
1,675,242. Sparking plug for explosion and other engines. Bailly Max (inventor). Issued 6-26-28.
1,675,640. Cooking pot. Charlier Camille et al, Errera Abraham (inventors). Issued 7-3-28.
1,678,294. Lubricating device for axle boxes. Macway Ignace (inventor). Issued 7-24-28.
1,678,552. Method of laying tramway lines. Bouillon Alexandre (inventor). Issued 7-24-28.
1,679,241. Grinding and mixing apparatus. David Michel (inventor). Issued 7-31-28.
1,680,852. Hat. Brotelle Octave (inventor). Issued 8-14-28.
1,681,164. Apparatus for washing and sorting coal and the like. Bascour Firmin (inventor); S A Cribla (grantee). Issued 8-21-28.
1,682,308. Hydraulic brake. Schaede Henri (inventor). Issued 8-28-28.
1,683,309. Tunnel kiln for ceramic industry. Selliez Victor (inventor). Issued 9-4-28.
1,683,442. Process for preparing depilatory substances. Botson Rene (inventor); Soc Industrielle Des Applications Chimiques S A (grantees). Issued 9-4-28.
1,684,221. Respiration gymnastic apparatus. Gougnard Henri (inventor). Soc Belge Des Produits Rationnels S A (grantees). Issued 9-11-28.
1,686,213. Liquid fuel burner. Koudritsky Dimitri (inventor). Issued 10-2-28.
1,688,476. Track clearer for vehicles. Van De Putte Jean (inventor). Issued 10-23-28.
1,689,246. System of vertical differential ventilation. Knapen Achille (inventor). Issued 10-30-28.
1,690,890. Blank cartridge. De Geynst Maurice et al, Lepage Ivan (inventors). Issued 11-6-28.
1,691,841. Process for producing pure lead carbonate from crude lead sulphate. Daloze Rene (inventor). Issued 11-13-28.
1,691,960. Manufacture of alkaline cyanides. Coulier Sylvain (inventor). Issued 11-20-28.
1,692,129. Machine for drying fabrics and papers in an endless web. Lambrette Aubin (inventor). Issued 11-20-28.
1,693,465. Method of securing railway rails to their supports. Ramy Paul (inventor). Issued 11-27-28.
1,693,916. Apparatus for the manufacture of pig iron. De Bethune Gaston (inventor). Issued 12-4-28.
1,694,422. Spring suspension for lorries. Leytens Marcel (inventor). Issued 12-11-28.
1,696,137. Door or the like latching device. Colson Victor (inventor). Issued 12-18-28.
1,696,741. Elastic wheel. Van Bourgonie Constant Adrien (inventor). Issued 12-25-28.
1,696,767. Method of washing coal ores and other similar materials and automatic water current separator for carrying the method into practice. Hoyois Leon (inventor). Issued 12-25-28.
1,696,799. Internal combustion engine of the two stroke type. Held Georges (inventor). Issued 12-25-28.
1,697,023. Race game. Rottenburg Leon M E (inventor). Issued 1-1-29.
1,697,661. Direct electric current regulating transformer. Riccia Angelo Della (inventor). Issued 1-1-29.
1,698,782. Electric current rectifier. De Man Robert Jean (inventor). Issued 1-15-29.
1,699,228. Internal combustion engine. De Graer Jules Hector (inventor). Issued 1-15-29.
1,699,612. Method for the production of unhardened castings in metal molds. Doat Henri (inventor); Cie Generale Des Conduites d Eau S A (grantee). Issued 1-22-29.
1,699,962. Plant for washing minerals by means of liquid streams. France Antoine (inventor). Issued 1-22-29.
1,703,018. Packing device for pipe joints. Stiennon Simon Joseph (inventor). Issued 2-19-29.
1,703,480. Finishing machine for boots or shoes. Devleminck Joseph (inventor). Issued 2-26-29.
1,704,185. Plant for washing coal and other minerals. France Antoine (inventor). Issued 3-5-29.
1,705,453. Process of treating glass plates and the like to prevent moisture affecting their transparency. Demaret Omer (inventor). Issued 3-12-29.
1,707,094. Adding machine. Puttemans Hubert Auguste et al, Perpete Georges Victor Lambert (inventors). Issued 3-26-29.
1,709,150. Brake mechanism. Pieper Henri (inventor). Issued 4-16-29.
1,711,508. Scutching machine. Vansteenkiste Joseph Arthur (inventor). Issued 5-7-29.
1,712,384. Means for securing rails to metal sleepers. Germay Henri Pierre Joseph (inventor). Issued 5-7-29.
1,712,514. Typewriting machine. Nepper Fernand (inventor). Issued 5-14-29.
1,712,857. Boiler. Trasenster Gustave (inventor); S A D Ougree Marihaye The (grantee). Issued 5-14-29.
1,713,032. Apparatus for use in drying and distilling lignite peat noncoking coals and other similar carbonaceous matter. Debauche Hubert (inventor). Issued 5-14-29.
1,713,866. Wind motor. D Asseler Jules (inventor). Issued 5-21-29.
1,713,954. Firearm. Destree Joseph (inventor). Issued 5-21-29.
1,713,955. Automatic firearm. Destree Joseph (inventor). Issued 5-21-29.
1,714,058. Expanded sheet metal. Tirifahy Leon (inventor). Issued 5-21-29.
1,714,767. Process for the reduction of metallic oxides. Cousin Arthur Jules Francois Joseph (inventor); S A John Cockerill The (grantee). Issued 5-28-29.
1,714,889. Digger for beet and other roots planted in lines. Raoult Paul (inventor). Issued 5-28-29.
1,715,264. Rolling stock of railways tramways and road transport vehicles. Algrain Paul (inventor). Issued 5-28-29.
1,715,545. Mobile counterbalanced deflecting baffle. Epstein Felix (inventor). Issued 6-4-29.
1,715,817. Foldable sled. Cuenod Fernand (inventor). Issued 6-4-29.
1,716,122. Driving mechanism for stone sawing machines. Gilmand Ernest (inventor). Issued 6-4-29.
1,716,819. Apparatus for polishing glass. Hueze Charles (inventor). Issued 6-11-29.
1,717,112. Friction shock absorber for suspending vehicles. Masquelier Roger (inventor). Issued 6-11-29.
1,718,007. Weighing machine. Rival Theophile (inventor). Issued 6-18-29.
1,720,063. Window operating apparatus. Serste Jacques Egide (inventor). Issued 7-9-29.
1,720,065. Metal packing. Verdickt Gustaaf (inventor). Issued 7-9-29.
1,723,409. Electrical machine rotor. Cogneau Leopold (inventor); Ateliers de Constructions Electriques de Charleroi (grantees). Issued 8-6-29.
1,723,929. Luminous electric discharge tube. Francotte Regnier (inventor). Issued 8-6-29.
1,724,461. Revolving grate for gas producers. Dienne Gaston (inventor); S A Les Ateliers Mecaniques (grantee). Issued 8-13-29.
1,724,935. Electric transformer. Huet Albert (inventor); Ateliers de Constructions Electriques de Charleroi S A (grantees). Issued 8-20-29.
1,725,890. Float for hydroplanes. Van de Putte Jean (inventor). Issued 8-27-29.
1,726,142. Process for improving cellulosic materials. De Wolf Leon (inventor). Issued 8-27-29.
1,727,441. Process of purifying clay and like materials. Parentani Fernand (inventor). Issued 9-10-29.
1,727,753. Mixer. De Bethune Gaston Sidoine Paul (inventor). Issued 9-10-29.
1,727,865. Process of utilizing carbonic acid. Dehottay Henri (inventor). Issued 9-10-29.
1,728,096. Rolling stock of railways tramways and road transport vehicles. Algrain Paul (inventor). Issued 9-10-29.
1,728,707. Device for preventing doubles in spinning machines. Weber Max (inventor). Issued 9-17-29.
1,728,823. Ejection mechanism for sporting guns. Delu Felix (inventor). Issued 9-17-29.
1,729,052. Agitator. Raick Julien (inventor); Union Miniere du Haut Katanga Soc Congolaise a Responsabilite Limitee (grantees). Issued 9-24-29.
1,729,545. Washing apparatus for separating coal and like materials. Marchant Charles (inventor). Issued 9-24-29.
1,730,178. Process for the manufacture of colors or the like capable of being fixed by heat. Van Cuyck Octave (inventor). Issued 10-1-29.
1,730,755. Coal cutting machine and the like. Black William Christie (inventor); Moore Matthew Smith (grantee). Issued 10-8-29.
1,730,946. Loom for weaving leather sheets. Raskine Anatol (inventor). Issued 10-8-29.
1,731,311. Stove. Marichal Andre (inventor). Issued 10-15-29.
1,731,410. Plant for washing coal and other minerals by means of liquid streams. France Antoine (inventor). Issued 10-15-29.
1,731,888. Cooling jacket of internal combustion motors. De Jong Jacques (inventor). Issued 10-15-29.
1,732,397. Gradometer. Braibant Nestor (inventor). Issued 10-22-29.
1,735,160. Automatic firearm. Destree Joseph (inventor.) Issued 11-12-29.
1,736,690. Rolling stock of railways tramways or road transport. Algrain Paul (inventor). Issued 11-19-29.
1,736,741. Method of purifying crude sodium sulphide and the product thereof. Botson Rene (inventor). Issued 11-19-29.
1,737,167. Belt fastener. Montigny Louis (inventor). Issued 11-26-29.
1,738,591. Process for the continuous manufacture of floor coverings. Lannoye Auguste (inventor). Issued 12-10-29.
1,738,730. Apparatus for grinding smoothing and polishing plates of glass marble or other similar materials. Rowart Eugene (inventor). Issued 12-10-29.

1,740,905. Elevator. Rossien Gustave (inventor). Issued 12-24-29.
1,741,447. Carburetor for internal combustion engines. Antoine Tony (inventor). Issued 12-31-29.
1,742,586. Drying kiln. De Reytere Robert (inventor). Issued 1-7-30.
1,740,767. Method of producing fuel for industrial and domestic purposes. Debauche Hubert (inventor). Issued 2-11-30.
1,747,656. Film protecting method and means. Ausloos Karel Jozef, et al, Eugeen Alfons, Duden Johannes Willem Antoon (inventors); Gevaert Photo Producten N V (grantee). Issued 2-18-30.
1,748,391. Cream separator. Persoons Jules, et al, Persoons Alphonse (inventors). Issued 2-25-30.
1,749,920. Apparatus for removing dust from gases. Modave Andre (inventor); Atellers Hanrez S A (grantee). Issued 3-11-30.
1,750,672. Musical instrument. Cloetens Georges (inventor). Issued 3-11-30.
1,752,869. Spinning machine. Van Den Abeele Joseph (inventor). Issued 4-1-30.
1,753,845. Fabric for technical purposes. Asten Eduard V, et al, Hill Harold Newlin (inventors); Von Asten & Cie Soc en Commandite (grantee). Issued 4-8-30.
1,753,847. Gas and steam producer generator. Bellay Julien (inventor). Issued 4-8-30.
1,754,017. Polyphase commutator dynamo electric machine. Heyland Alexandre (inventor). Issued 4-8-30.
1,754,116. Electrode suitable for arc welding. Meunier Francis (inventor); La Soudure Electrique Autogene S A (grantee). Issued 4-8-30.
1,754,126. Apparatus for separating dust from gases. Stievenart Arthur (inventor). Issued 4-8-30.
1,754,338. Process for removing marks on wool. Steins Guillaume Jean Martin, et al. Steins Richard Henri Martin (inventors). Issued 4-15-30.
1,756,191. Process for dry distillation of vinasses under reduced pressure. Guillissen Joseph (inventor); L Union Chimique Belge S A (grantee). Issued 4-29-30.
1,756,450. Cutter bar for coal cutting machines and the like. Black William Christie (inventor); Moore Matthew Smith (grantee). Issued 4-29-30.
1,757,029. Combination tool. Vivenoy Guillaume Nestor (inventor). Issued 5-6-30.
1,757,902. Manufacture of pure lead hydroxide starting from impure sulphate of lead. Daloze Rene (inventor). Issued 5-6-30.
1,758,035. Process of and apparatus for washing coal and other minerals. France Antoine (inventor). Issued 5-13-30.
1,758,045. Reenforcement for wicker chairs. Huyben Theo (inventor). Issued 5-13-30.
1,759,759. Direct current pressure splitting device. Riccia Angelo Della (inventor). Issued 5-20-30.
1,759,940. Apparatus for washing minerals by means of liquid streams. France Antoine (inventor). Issued 5-27-30.
1,760,777. Electric installation in combination with pressure splitting device. Riccia Angelo Della (inventor). Issued 5-27-30.
1,761,835. Coke oven. Lecocq Eugene (inventor); Soc Generale de Fours a Coke, Systemes Lecocq S A (grantees). Issued 6-3-30.
1,764,948. Method for driving lining tubes for molding concrete piles in the ground. Frankignoul Edgard (inventor); S A Cie Internationale des Pieux, Armes Frankignoul (grantees). Issued 6-17-30.
1,765,249. Multiway liquid pressure distributing pump with return of the liquid to the reservoir after use. Tastenhoye Wynant (inventor). Issued 6-17-30.
1,766,330. Flying machine. De Korwinsokolowski Joseph (inventor). Issued 6-24-30.
1,769,503. Stabilizer for use on motor vehicles. Feyens Francois (inventor); Soc Generale d Etudes Industrielles, General Research Corp S A (grantees). Issued 7-1-30.
1,770,315. Liquid fuel. Laurent Andre (inventor). Issued 7-8-30.
1,770,827. Rolling stock of railways tramways or road transport. Algrain Paul (inventor). Issued 7-15-30.
1,771,081. Plant for washing coal & other minerals. France Antoine (inventor). Issued 7-22-30.
1,771,191. Device for securing railway rails to their sleepers. Ramy Paul (inventor). Issued 7-22-30.
1,771,237. Color combination speed indicator for vehicles. Van Reeth Emile (inventor). Issued 7-22-30.
1,771,424. Fluid actuated compressor. Steurs Arsene (inventor). Issued 7-29-30.
1,772,078. Recovery of nitrogen and acetone from vinasses. Guillissen Joseph (inventor); Union Chimique Belge S A (grantee). Issued 8-5-30.
1,772,782. Art of making cinematographic projections. Noaillon Edmond Henri Victor (inventor). Issued 8-12-30.
1,773,505. Tire signal. Tastenhoye Hubert, et al, Tastenhoye Francois (inventors). Issued 8-19-30.
1,773,655. Lead column pipe or the like. Voituron Edmond (inventor); Soc Belge de L Azote (grantee). Issued 8-19-30.
1,773,906. Grinding mill. Klagsbrunn Josef (inventor); Legrand Paul (grantee). Issued 8-26-30.
1,774,135. Continuous apparatus working with drawn or blown blast or gas. Fassotte Adolphe Denis Henri Leon (inventor). Issued 8-26-30.
1,774,251. Piston engine. Boissiere Adolphe Henri Rene Joseph (inventor). Issued 8-26-30.
1,774,818. Differential pump. Strothmann Friedrich (inventor). Issued 9-2-30.
1,774,831. Planetary transmission mechanism. Henin Rene (inventor). Issued 9-2-30.
1,775,191. Coke oven. Coppee Evence (inventor). Issued 9-9-30.
1,775,192. Coke oven. Coppee Evence (inventor). Issued 9-9-30.
1,776,099. Lifting jack for coal cutting machines and the like. Black William Christie (inventor); Moore Matthew Smith (grantee). Issued 9-16-30.
1,776,486. Mechanical tractor. Bouche Charles (inventor). Issued 9-23-30.
1,778,663. Internal combustion engine. De Monge Gerard (inventor). Issued 10-14-30.
1,778,904. Carburetor for internal combustion engines. Loutz Georges (inventor); Thelma Carburetor Co. S A (grantee). Issued 10-21-30.
1,779,709. Carburetor. Melkman Saul Emmanuel (inventor); Thelma Carburetor Co. S A (grantee). Issued 10-28-30.
1,779,776. Braking mechanism for railway vehicles. Masion Alfred (inventor). Issued 10-28-30.
1,779,893. Expandible valve obturator. Schmitz Charles (inventor). Issued 10-28-30.
1,780,123. Projecting apparatus for cinematography. Florine Nicolas (inventor). Issued 10-28-30.
1,780,843. Propeller for vessels and aircraft. Schul Max (inventor). Issued 11-4-30.
1,781,066. Carburetor. Meunier Paul (inventor). Issued 11-11-30.
1,781,087. Carburetor. Estapelle Joseph (inventor); Meunier Paul (grantee). Issued 11-11-30.
1,781,383. Machine for the manufacture of card clothing. Gohy Jean (inventor); Despa and Fils Soc en Commandite Par Actions (grantee). Issued 11-11-30.
1,783,011. Helicopter. Florine Nicolas (inventor); Soc Nationale Pour L Etude Des Transports Aeriens S A (grantee). Issued 11-25-30.
1,784,658. Apparatus for agglomerating and roasting minerals. De Samsonow Alexandre (inventor); Soc Pour l'Enrichissement et l'Agglomeration Des Minerals S A (grantee). Issued 12-9-30.
1,784,777. Sheet piling. Beaujean Camille (inventor); S A D Ougree Marikaye (grantee). Issued 12-9-30.
1,785,574. Coal cutting machine and the like. Black William Christie (inventor); Moore Matthew Smith (grantee). Issued 12-16-30.
1,785,679. Classifying apparatus. France Antoine (inventor). Issued 12-16-30.
1,787,177. Mold for manufacturing boots shoes & similar articles of rubber or other plastic material. Steppe Hector et al, Steppe Alphonse, Steppe Gustave (inventors). Issued 12-30-30.
1,787,180. Mill for grinding paints inks enamels and other viscous materials. Todd Ernest George (inventor). Issued 12-30-30.
1,787,311. Separating machine for milk. Henrard Fernand (inventor); Ecremeuses Melotte S A (grantee). Issued 12-30-30.
1,788,040. Metal sleeper. Yseboodt Gustave (inventor). Issued 1-6-31.
1,788,061. Spring suspension. Kutsukian Frank (inventor). Issued 1-6-31.
1,788,210. Skill practicing game. Staar Gustave Theophile Louis (inventor). Issued 1-6-31.
1,789,895. Roasting and or sintering of fine ores or other fine materials. Fassotte Adolphe Denis Henri Leon (inventor). Issued 1-20-31.
1,791,656. Sole plate for glass annealing and like furnaces. Brancart Yvon (inventor). Issued 2-10-31.
1,792,576. Apparatus for manipulating plate glass and similar materials. Dryon Paul (inventor). Issued 2-17-31.
1,796,192. Headlight operating mechanism for motor cars and the like. Doms Jules et al, Wolter Hubert, Simon Raoul (inventors). Issued 3-10-31.
1,797,780. Process of and mixture for increasing the durability of linings of furnaces or ovens and the like. Malherbe Felix Joseph (inventor). Issued 3-24-31.
1,797,836. Work holder. Paul Edmond (inventor). Issued 3-24-31.
1,798,385. Finger exercising device. Roth Eugene Louis (inventor). Issued 3-31-31.
1,798,386. Finger exercising device. Roth Eugene Louis (inventor). Issued 3-31-31.
1,798,566. Steam turbine. Van Den Bossche Jean Joseph (inventor). Issued 3-31-31.
1,802,239. Submarine mine and method of anchoring the same. Cuturi Marco (inventor). Issued 4-21-31.
1,802,841. Carburetor. Schobbens Vincent (inventor). Issued 4-28-31.
1,802,887. Rotary compressor. Feyens Francois (inventor); Soc Generale d'Etudes Industrielles, General Research Corporation S A (grantees). Issued 4-28-31.
1,804,058. Screw nut. Micha Leon (inventor). Issued 5-5-31.
1,804,318. Apparatus for swaging dental plates. Charlier Maurice (inventor). Issued 5-5-31.
1,805,383. Automatic pistol. Thiry Leon (inventor). Issued 5-12-31.
1,806,241. Centrifugal separator. Dupuis Fernand (inventor). Issued 5-19-31.
1,806,474. Process for sizing paper. Lecocq Ernest (inventor). Issued 5-19-31.
1,806,684. Mixer. Henrard Fernand (inventor). Issued 5-26-31.
1,807,307. Apparatus for melting finely divided materials. Dawans Adrien (inventor). Issued 5-26-31.
1,808,671. Rotary distribution valve. Luyckx Charles (inventor). Issued 6-2-31.
1,808,948. Percussive hand tool. Fluhr Louis et al, Verhaar Anthony (inventors). Issued 6-9-31.
1,809,387. Carburetor. Melkman Saul Emmanuel (inventor); Thelma Carburetor Co. S A (grantee). Issued 6-9-31.

1,809,512. Electric motor. Defays Victor Jean et al, Lefebvre Paul Joseph (inventors); La Magneto Belge S A (grantee). Issued 6-9-31.

1,809,779. Roller for window shades and window shade sticks. Fromont Louis (inventor). Issued 6-9-31.

1,809,807. Process for the preliminary treatment of raw sugar after products or the like before refining. Berge Julien (inventor); Raffinerie Tirlemontoise S A (grantee). Issued 6-9-31.

1,809,808. Process for desugaring syrups and molasses. Berge Julien (inventor); Raffinerie Tirlemontoise S A (grantee). Issued 6-9-31.

1,809,809. Process of desugaring syrups and molasses. Berge Julien (inventor); Raffinerie Tirlemontoise S A (grantee). Issued 6-9-31.

1,810,254. Hydraulic motor installation. Pieper Henri (inventor). Issued 6-16-31.

1,810,443. Lubricating pad. Steurs Jean Mathieu Marie Arthur (inventor); S A Manufacture d'Appareils Graisseurs (grantee). Issued 6-16-31.

1,811,169. Process for decoloring sugar crystals. Berge Julien (inventor); Raffinerie Tirlemontoise S A (grantee). Issued 6-23-31.

1,812,146. Rotary mixing machine. Forville Constant (inventor). Issued 6-30-31.

1,813,039. Protecting sheath for electric wires. Escol Jules (inventor). Issued 7-7-31.

1,814,297. Change speed device. De Backer Joseph (inventor). Issued 7-14-31.

1,815,090. Device for continuously producing pure hydrogen. Bellay Julien (inventor). Issued 7-21-31.

1,816,116. Milking apparatus. Henrard Fernand (inventor); Ecremeuses Melotte S A (grantee). Issued 7-28-31.

1,816,123. Production of ammonium sulphate. Pallemaerts Frits Adolphe et al, Francois, Lebrun Alphonse Ivan (inventors); Union Chimique Belge S A (grantee). Issued 7-28-31.

1,816,592. Means to recuperate the atmospheric moisture. Knapen Achille (inventor). Issued 7-28-31.

1,817,088. Friction shock absorber for suspending vehicles. Masqueller Roger (inventor). Issued 8-4-31.

1,818,166. Refrigerating machine. Schneider Jacques (inventor). Issued 8-11-31.

1,818,189. Treatment or purification of coal. Bertrand Maurice (inventor). S A D Ougree Marihaye (grantee). Issued 8-11-31.

1,818,238. Propeller for helicopterous aircraft. Mellander Jean (inventor). Issued 8-11-31.

1,818,796. Internal combustion engine. Feyens Francois (inventor); Soc Generale D Etudes Industrielles, General Research Corp S A (grantees). Issued 8-11-31.

1,818,797. Hermetic closure for joints such as those between pump bodies and their plungers. Feyens Francois (inventor); Soc Generale D Etudes Industrielles, General Research Corp S A (grantees). Issued 8-11-31.

1,818,882. Internal combustion rotary engine. Demuynck Alphonse (inventor). Issued 8-11-31.

1,818,892. Steering gear for motor driven vehicles. Holle Alexander Albert (inventor); Soc Internationale Holverta S A (grantee). Issued 8-11-31.

1,818,982. Apparatus for the production of paper glazed and or colored on one face. Antoine Victor (inventor). Issued 8-18-31.

1,819,221. Treatment of cast glass sheets and plates. Brancart Yvon (inventor). Issued 8-18-31.

1,819,222. Device for adjusting the thickness of glass plates and sheets. Brancart Yvon (inventor). Issued 8-18-31.

1,819,223. Glass rolling train. Brancart Yvon (inventor). Issued 8-18-31.

1,819,224. Table for casting glass sheets and plates. Brancart Yvon, Verreries de Fauquez Ronquieres (inventors). Issued 8-18-31.

1,819,670. Process of and apparatus for treating cast glass sheets and plates. Brancart Arthur (inventor). Issued 8-18-31.

1,819,959. Receiving table for cast glass. Locreille Claude (inventor). Issued 8-18-31.

1,819,971. Servo brake. Pieper Henri (inventor); Cie International Des Freins Automatiques S A (grantees). Issued 8-18-31.

1,819,983. Dismounting device for lead columns pipes or the like. Voituron Edmond (inventor). Issued 8-18-31.

1,820,366. Mechanical brick press. Rigaux Gaston (inventor). Issued 8-25-31.

1,820,534. Beacon for luminous signalization. Francotte Jean Regnier Pierre (inventor). Issued 8-25-31.

1,820,800. Method of straining milk and a strainer for separating machines. Henrard Fernand (inventor); S A Ecremeuses Melotte (grantee). Issued 8-25-31.

1,821,372. Coal cutting machine and the like. Black William Christie (inventor); Moore Matthew Smith (grantee). Issued 9-1-31.

1,821,375. Process of treating glass. Brancart Yvon (inventor). Issued 9-1-31.

1,823,089. Alternating current electrical machine. Cornu Maurice (inventor); Ateliers de Constructions, Electriques de Charleroi (grantees). Issued 9-15-31.

1,823,681. Apparatus for converting reciprocating motion into rotary motion or vice versa. Felies Jacques Francois (inventor). Issued 9-15-31.

1,824,667. Rotary propeller. Grumpelt Oskar Fritz Amandus Emil (inventor); Syndicat Vaproc (grantee). Issued 9-22-31.

1,826,039. Wind motor. D Asseler Julius (inventor). Issued 10-6-31.

1,826,497. Process for dephosphorizing iron in the converter and means for carrying out said process. Bicheroux Francois (inventor). Issued 10-6-31.

1,826,722. Process of preparing soda lime to be used in the manufacture of pure hydrogen. Bellay Julien (inventor). Issued 10-13-31.

1,827,138. Process of and apparatus for rolling glass. Brancart Arthur (inventor). Issued 10-13-31.

1,827,155. Apparatus for rolling glass. Locreille Claude (inventor). Issued 10-13-31.

1,828,241. Blende sintering process. Boscheron Louis (inventor); S A La Nouvelle Montagne (grantee). Issued 10-20-31.

1,828,679. Transmission system. Pieper Henri (inventor). Issued 10-20-31.

1,830,651. Device for the production of piles of concrete and the like. Frankignoul Edgard (inventor); Cie Internationale Des Pieux Armes, Frankignoul S A (grantees). Issued 11-3-31.

1,830,856. Process and apparatus for the manufacture of cardboard matches. Satz Edouard Fred (inventor). Issued 11-10-31.

1,830,895. Table feed mechanism for grinding smoothing and polishing apparatus. Werotte Seraphin (inventor). Issued 11-10-31.

1,832,491. Process of manufacturing marbled and multicolored glass. Locreille Claude (inventor). Issued 11-17-31.

1,832,800. Device for the fractional distillation and condensation of complex mixtures. Voituron Edmond (inventor); S A D Ougree Marihaye (grantee). Issued 11-17-31.

1,833,263. Weighing machine. Rival Theophile (inventor). Issued 11-24-31.

1,833,411. Process of swaging dental plates. Charlier Maurice (inventor). Issued 11-24-31.

1,834,020. Cartridge case for firearms. Destree Joseph (inventor). Issued 12-1-31.

1,834,021. Firearm. Destree Joseph (inventor). Issued 12-1-31.

1,834,054. Shock absorber for vehicles. Fremaux Ferdinand (inventor). Issued 12-1-31.

1,836,853. Machine for forming ovals. Laffineur Emile et al, Collin Louis (inventors). Issued 12-15-31.

1,839,299. Alternating current machine. Cornu Maurice (inventor); Ateliers de Constructions, Electriques de Charleroi (grantees). Issued 1-5-32.

1,839,380. Machine for reaping papyrus. Druppel Edouard (inventor); Comptoir Belge de Commerce et, D Industrie S A (grantees). Issued 1-5-32.

1,839,505. Tobacco pipe. Schulz Adolphe (inventor). Issued 1-5-32.

1,839,723. Centrifugal method for treating scums of all kinds. Berge Julien (inventor); Raffinerie Tirlemontoise S A (grantee). Issued 1-5-32.

1,839,954. Servo brake. Dewandre Albert (inventor); Servo Frein Dewandre S A (grantee). Issued 1-5-32.

1,841,013. Device for roasting and agglomerating ores. Dawans Adrien (inventor). Issued 1-12-32.

1,841,014. Device for bookkeeping without reentries. De Wael Robert (inventor). Issued 1-12-32.

1,841,629. Servo motor. Pigeolet Rene (inventor); Cie Internationale des Freins Matiques S A (grantee). Issued 1-19-32.

1,845,602. Method for washing coal ores and other similar material and apparatus for carrying out said method. Hoyois Leon (inventor). Issued 2-16-32.

1,846,317. Motor brake. Dewandre Albert (inventor); Servo Frein Dewandre S A (grantee). Issued 2-23-32.

1,846,984. Apparatus for drawing sheet glass. Arcq Rene (inventor). Issued 2-23-32.

1,846,993. Automatic firearm with gas extraction. Destree Joseph (inventor). Issued 2-23-32.

1,847,005. Machine for smoothing and resmoothing ingot molds and other hollow articles. Henry Raymond (inventor); S A Ougree Marihaye (grantee). Issued 2-23-32.

1,847,472. Differential pressure gauge. Conte Maurice (inventor); S A D Ougree Marihaye (grantee). Issued 3-1-32.

1,849,925. Surfacing device for glass and ceramic articles. Heuze Charles (inventor). Issued 3-15-32.

1,850,163. Rail joint connection. Yseboodt Gustave (inventor). Issued 3-22-32.

1,850,926. Pump for injecting liquid fuel into internal combustion engines. Feyens Francois (inventor); Soc. Generale D Etudes Industrielles General Research Corp S A (grantees). Issued 3-22-32.

1,851,803. Process and apparatus for rolling thick plates of glass. Brancart Yvon (inventor). Issued 3-29-32.

1,851,804. Process and means for rolling glass. Brancart Yvon (inventor). Issued 3-29-32.

1,851,902. Servo motor. Vander Haeghen Paul (inventor). S A Cie Internationale des Freins Automatiques (grantee). Issued 3-29-32.

1,853,464. Internal combustion engine. Serste Jacques Egide (inventor). Issued 4-12-32.

1,853,871. Process of extracting neutral grease from wool scouring water and treating same. Mertens Eugene (inventor). Issued 4-12-32.

1,854,641. Means for adjusting the thickness of glass plates and sheets. Brancart Yvon (inventor). Issued 4-19-32.

1,855,976. Device for the exhaust of the steam from locomotive engines. Lemaitre Maurice (inventor). Issued 4-26-36.

1,856,342. Brake control device. Kratz Franz (inventor); Servo Frein Dewandre S A (grantee). Issued 5-3-32.

1,856,947. Rotary engine. D Auvrain Fernand (inventor). Issued 5-3-32.

1,857,053. Servo mechanism for brakes. Kratz Franz (inventor); Servo Frein Dewandre S A (grantee). Issued 5-3-32.

1,857,839. Apparatus for treating textile materials. Dewitte Charles (inventor). Issued 5-10-32.

1,858,204. Method and device for the production of piles of concrete and the like. Frankignoul Edgard (inventor); Cie Internationale des Pieux Armes Frankignoul S A (grantee). Issued 5-10-32.

1,858,759. Rail joint connection. Yseboodt Gustave (inventor). Issued 5-17-32.

1,859,432. Stove. Chenu Charles Louis Emmanuel (inventor). Issued 5-24-32.

1,859,835. Process for the manufacture of microcosmic salt and other fertilizing material. Mitteau Ferdinand (inventor); Soc D Etudes Scientifiques et D Entreprises Industrielles (grantee). Issued 5-24-32.

1,860,766. Sheet piling. Beaujean Camille (inventor); S A D Ougree Marihaye (grantee). Issued 5-31-32.

1,861,065. Screw propeller for flying machines and other aerodynamics apparatus. Poot Philippe (inventor). Issued 5-31-32.

1,862,265. Process and device for the preparation of sols and their use for concentrating materials suspended in liquid to be clarified. Henry Rene Auguste (inventor). Issued 6-7-32.

1,862,427. Pressure splitting device. Riccia Angelo Della (inventor). Issued 6-7-32.

1,862,542. Carding engine. Laurency Guillaume Clement (inventor). Issued 6-14-32.

1,864,468. Control device for vehicle doors. Pieper Henri (inventor); Cie Internationale des Freins Automatiques S A (grantee). Issued 6-21-32.

1,864,820. Power stop. Heuze Charles (inventor). Issued 6-28-32.

1,864,821. Device for cleaning traveling tables. Heuze Charles (inventor). Issued 6-28-32.

1,864,822. Grinding smoothing and polishing apparatus. Heuze Charles (inventor). Issued 6-28-32.

1,864,823. Grinding smoothing and polishing apparatus. Heuze Charles (inventor). Issued 6-28-32.

1,864,894. Grinding smoothing and polishing apparatus. Dryon Paul (inventor). Issued 6-28-32.

1,864,916. Visible shot concentrating projectile for sporting guns. Gachassin Lafite Marcel (inventor). Issued 6-28-32.

1,865,363. Rotary distributor for internal combustion engines. Feyens Alfred (inventor). Issued 6-28-32.

1,866,755. Brake. Detilloux Francois (inventor). Issued 7-12-32.

1,866,958. Stabilizer for motor vehicles. Wilmart Pierre (inventor). Issued 7-12-32.

1,868,001. Power transmitting mechanism. Defays Victor Jean et al, Lefebvre Paul Joseph (inventors). Issued 7-19-32.

1,868,288. Typewriting machine. Havard Alexandre (inventor); La Mondiale Typolitho Soc Cooperative (grantee). Issued 7-19-32.

1,868,645. Apparatus for simultaneously corrugating and trimming sheets of asbestos cement and the like in a plastic condition. Scheerders Van Kerchove Leon (inventor); Usines Reunies Scheerders Van Kerchove S A (grantee). Issued 7-26-32.

1,869,956. Servo brake. Dewandre Albert (inventor); Servo Frein Dewandre S A (grantee). Issued 8-2-32.

1,870,875. Speed reducing transmission device. Scheuer Prosper (inventor). Issued 8-9-32.

1,871,520. Milking machine. Henrard Fernand (inventor); Ecremeuses Melotte S A (grantee). Issued 8-16-32.

1,871,992. Grinding smoothing and polishing apparatus. Heuze Charles (inventor). Issued 8-16-32.

1,872,635. Method of sinking molding tubes for concrete piles molded in the ground. Frankignoul Edgard (inventor). Issued 8-16-32.

1,874,951. Grenade and lance grenade. Foulon Charles (inventor). Issued 8-30-32.

1,875,226. Power steering gear. Dewandre Albert (inventor); Servo Frein Dewandre S A (grantee). Issued 8-30-32.

1,876,399. Machine fer the manufacture of asbestos cement products and the like. Catala Maurice et al Huart Albert (inventors). Issued 9-6-32.

1,876,868. Method and means for permanently waving hair. De Baerdemaeker Ernest (inventor). Issued 9-13-32.

1,876,977. Two stroke engine block. Laguesse Fernand (inventor). Issued 9-13-32.

1,877,155. Artificial sponge and device for manufacturing same. Abraham Lewis Crowford (inventor). Issued 9-13-32.

1,878,727. Centrifugal variable speed gear. Sturbelle Lucien Charles (inventor). Issued 9-20-32.

1,879,204. Production of ammonium phosphates. Guillissen Joseph (inventor); Union Chimique Belge S A (grantee). Issued 9-27-32.

1,881,248. Mold for manufacturing boots shoes and similar articles of rubber or other plastic material. Steppe Hector et al Steppe Alphonse, Steppe Gustave (inventors). Issued 10-4-32.

1,882,426. Intensifier for photography. Kalix Johannes Alfed (inventor); Union Chimique Belge S A (grantee). Issued 10-11-32.

1,882,487. Axial ventilating device for the stators of electric machines. Dupont Joseph (inventor). Issued 10-11-32.

1,885,271. Process for converting the webs from the carding engines into fine rovings for spinning. Laurency Guillaume Clement (inventor). Issued 11-1-32.

1,885,923. Continuous process for the treatment of iron & other ores. Lambot Maurice (inventor). Issued 11-1-32.

1,885,945. Veterinary appliance for facilitating the parturition of cows in calf. Ransy Ulric (inventor). Issued 11-1-32.

1,887,060. Hydropneumatic suspension and shock absorbing device for vehicles. Lacroix Pierre (inventor). Issued 11-8-32.

1,887,292. Device for distributing the charge in an oven. De Saint Hubert Albert (inventor). Issued 11-8-32.

1,887,630. Method and device for the production of piles of concrete and the like. Frankignoul Edgard (inventor); Cie Internationale Des Pieux Armes, Frankignoul S A (grantees). Issued 11-15-32.

1,887,792. Process for the manufacture of amorphous Carbon. Van Den Driessche Joseph, Vital Ghislain (inventors). Issued 11-15-32.

1,887,834. Apparatus for carbonizing solid fuel. Chabot Armand (inventor). Issued 11-15-32.

1,888,453. Saline coatings and process of making the same. De Pape Ferdinand (inventor); La Soudure Electrique Autogene S A (grantee). Issued 11-22-32.

1,888,569. System for automatically controlling the speed of electric motors. Della Riccia Angelo (inventor). Issued 11-22-32.

1,890,555. Apparatus for manufacturing artificial sponges. Abraham Lewis Crowford (inventor). Issued 12-13-32.

1,890,556. Machine for dyeing textile materials in bundles. Annicq Joseph (inventor). Issued 12-13-32.

1,891,426. Process of manufacturing alkali metal nitrates. Lawarree Henri (inventor). Issued 12-20-32.

1,891,574. Vibrating sifting screen. Pirlot Frederic (inventor). Issued 12-20-32.

1,891,836. Apparatus for dry cooling coke. Piette Olivier (inventor); Union Chimique Belge S A (grantee). Issued 12-20-32.

1,892,036. Helicopter. Campens Denis Remy (inventor). Issued 12-27-32.

1,895,027. Apparatus for raising liquids. De Mees Jean Baptiste (inventor). Issued 1-24-33.

1,895,235. Heat Recuperating apparatus of the cowper type & a brick for the honeycomb structure. Simon Georges (inventor); S A D Ougree Marihaye (grantee). Issued 1-24-33.

1,896,102. Internal combustion engine. Serste Jacques Egide (inventor). Issued 2-7-33.

1,896,197. Stove. Lagneau Victor (inventor). Issued 2-7-33.

1,896,704. Process for manufacturing steel tires and the like by forging and pressing ingots. Dechenne Albert (inventor). Issued 2-7-33.

1,897,825. Internal combustion engine. Serste Jacques Egide (inventor). Issued 2-14-33.

1,898,161. Hinge. Arnold Joseph Mathias (inventor). Issued 2-21-33.

1,898,427. Saline coatings and process of making the same. De Pape Ferdinand (inventor); La Soudure Electrique Autogene S A (grantee). Issued 2-21-33.

1,899,287. Process for the extraction of sugar from sugar juices. Meiro Adam (inventor). Issued 2-28-33.

1,899,462. Polyphase commutator machine. Heyland Alexander (inventor). Issued 2-28-33.

1,901,142. Process for the preliminary treatment of raw sugar and the like. Berge Julien (inventor); Raffinerie Tirlemontoise S A (grantee). Issued 3-14-33.

1,903,585. Device for treating fabrics by means of a circulating bath. Annicq Joseph (inventor). Issued 4-11-33.

1,903,588. Regulator for winding on installations. Dethier Joseph (inventor). Issued 4-11-33.

1,903,718. Process and apparatus for printing glass sheets. Locreille Claude (inventor). Issued 4-11-33.

1,904,018. Coke oven. Verpeaux Paul Etienne (inventor); Union Chimique Belge S A (grantee). Issued 4-18-33.

1,904,570. Apparatus for the ventilation of cooling plants. Thomson Arthur Lindsay (inventor); Altek Cie D Etude et, D Exploitation d Appareils, Frigorifiques Pour le Transport (grantees). Issued 4-18-33.

1,905,618. Metallic packing means for the shafts of centrifugal pumps and other rotary machines. Bodart Jules (inventor); Bodart Fernand (grantee). Issued 4-25-33.

1,906,222. Control device for operating mechanism. Boland Paul (inventor); Servo Frein Dewandre S A (grantee). Issued 5-2-33.

1,911,524. Elastic vehicle wheel. Nalinne Victor Henri (inventor). Issued 5-30-33.

1,911,886. Process for the manufacture of fusible electrodes for electric arc welding of aluminium and the like having a saline coating. De Pape Ferdinand (inventor); La Soudure Electrique Autogene (grantee). Issued 5-30-33.

1,911,906. Vanity case or the like. Lambooy Maria Petronella Johanna (inventor). Issued 5-30-33.

1,912,077. Process and apparatus for the treatment of coals ores and the like mainly composed of particles of small sizes. Hoyois Leon (inventor). Issued 5-30-33.

1,912,113. Water pump. Aghnides Elie (inventor). Issued 5-30-33.

1,912,261. Fluid operated relay brake. Defives Raymond (inventor); Servo Frein Dewandre S A (grantee). Issued 5-30-33.

1,912,974. Distillation of lignite. Debauche Hubert (inventor). Issued 6-6-33.

1,913,264. Turbo alternator. Cornu Maurice (inventor); Ateliers de Constructions Electriques de Charleroi (grantees). Issued 6-6-33.

1,913,916. Controlling apparatus for pneumatic tools and the like. Carlotti Charles (inventor). Issued 6-13-33.

1,914,787. Internal combustion engine. Puurmann Juri (inventor). Issued 6-20-33.

1,915,742. Heat exchange apparatus. Mautsch Robert (inventor); Manufacture Generale Metallurgique S A (grantee). Issued 6-27-33.

1,915,937. Door for coke ovens. Lecocq Eugene (inventor); Soc Generale de Fours a Coke Systems Lecocq S A (grantee). Issued 6-27-33.

1,918,886. Sheet pile. Amand James Eugene (inventor); S A D Ougree Marihye (grantee). Issued 7-18-33.

1,919,699. Refining of copper. Leemans Joseph Pierre (inventor); Soc Generale Metallurgique de Hoboken (grantee). Issued 7-25-33.

1,920,148. Fusible electrode for electric welding. Largrange Daniel et al, De Pape Ferdinand (inventors); La Soudure Electrique Antogene S A (grantee). Issued 7-25-33.

1,920,313. Heat exchange apparatus. Mautsch Robert (inventor); Manufacture Generale Metallurgique S A (grantee). Issued 8-1-33.

1,921,736. Carburetor. Erade Charles Julien (inventor). Issued 8-8-33.

1,922,931. Clutching device. Defays Victor Jean Joseph et al, Lefebvre Paul Joseph Louis (inventors). Issued 8-15-33.

1,924,020. Tight joint for pipings. Bihet Oscar (inventor). Issued 8-22-33.

1,926,296. Hydro pneumatic motor. Merchie Charles (inventor); Cie Internationale Des Freins Automatiques S A (grantee). Issued 9-12-33.

1,926,668. System for automatically controlling the speed of electric motors. Della Riccia Angelo (inventor). Issued 9-12-33.

1,928,537. Low temperature carbonization oven. Honnay Charles (inventor). Issued 9-26-33.

1,928,540. Process for the manufacture of sodium bicarbonate. Lawarree Henri (inventor). Issued 9-26-33.

1,928,974. Carburetor. Erade Charles Julien (inventor). Issued 10-3-33.

1,929,002. Process for the manufacture of sodium nitrate and other fertilizing substances. Mitteau Ferdinand (inventor); Soc d Etudes Scientifiques et d Entreprises Industrielles (grantee). Issued 10-3-33.

1,929,365. Heat exchange apparatus. Mautsch Robert (inventor). Issued 10-3-33.

1,929,485. Apparatus for the transmission at a distance of graphics. Delchef Georges (inventor). Issued 10-10-33.

1,929,735. Process for preserving eggs. Everaert Pierre (inventor). Issued 10-10-33.

1,930,356. Life guard. Hanoul Emile (inventor). Issued 10-10-33.

1,931,964. Process for the manufacture of bands of cellular rubber with closed cells. Raepsaet Maurice Paul Henri Leon (inventor); Soc Belge du Caoutchouc Mousse (grantee). Issued 10-24-33.

1,936,010. Process of manufacturing saline coatings for the electric arc welding of aluminum silicon alloys and the like. De Pape Ferdinand (inventor); La Soudure Electrique Autogene (grantee). Issued 11-21-33.

1,936,017. Table for supporting plate glass and the like in grinding and polishing apparatus. Heuze Charles (inventor). Issued 11-21-33.

1,937,291. Process of recovering neutral grease from wool washing water. Mertens Eugene (inventor). Issued 11-28-33.

1,937,830. Carburetor. Mathieu Andre (inventor). Issued 12-5-33.

1,940,081. Apparatus for controlling the speed of a power driven vehicle. Felies Jacques Francois (inventor). Issued 12-19-33.

1,940,583. Window shutter. Demeulenaere Marcel (inventor). Issued 12-19-33.

1,941,053. Process of manufacturing balls and small articles of closed cell cellular rubber. Raepsaet Maurice Paul Henri Leon (inventor); Soc Belge du Caoutchouc Mousse (grantee). Issued 12-26-33.

1,941,793. Retting process of textile materials. Faut Jules Alexis Marie (inventor); Les Fibres Textiles (grantee). Issued 1-2-34.

1,944,837. Lubricating device. Henrard Fernand (inventor); Ecremeuses Melotte S A (grantee). Issued 1-23-34.

1,945,772. Process of preparing colored photographic pictures. Dassonville Leon Josse (inventor). Issued 2-6-34.

1,947,326. Direct reading radio compass. Braillard Raymond et al, Marique Jean (inventors). Issued 2-13-34.

1,947,849. Device for honing and stropping razor blades. Hazan Alexandre (inventor). Issued 2-20-34.

1,948,046. Process for the manufacture of articles of cellular rubber and ebonite with closed cells. Raepsaet Maurice Paul Henri Leon (inventor); Soc Belge du Caoutchouc Mousse (grantee). Issued 2-20-34.

1,948,411. Endless belt and seam construction therefor. Asten Eduard V (inventor). Issued 2-20-34.

1,949,875. Pulsator for milking machines. Persoons Jules et al, Persoons Alphonse (inventors). Issued 3-6-34.

1,949,959. Pressure regulator for work under compressed air. Frankignoul Edgard et al, Poussin Leon De La Vallee (inventors); Cie Internationale Des Pieux Armes Frankignoul S A (grantees). Issued 3-6-34.

1,951,522. Combined wheel for roads and rails. Nalinne Victor Henri (inventor). Issued 3-20-34.

1,951,538. Activated carbon. Tielens Georges Joseph Laurent (inventor); Maximine S A (grantee). Issued 3-20-34.

1,952,958. Stabilizer for motor vehicles. Wilmart Pierre (inventor). Issued 3-27-34.

1,954,401. Process and means for burning cement slurry. Busch Adolphe (inventor). Issued 4-10-34.

1,955,643. Economizing apparatus for regulating draft. Leys Pierre Celestin (inventor). Issued 4-17-34.

1,957,375. Process of producing a wine. Vingerhoets Georges (inventor); Cie Internationale Oenologique (grantee). Issued 5-1-34.

1,957,384. Multiple chamber tire. Briquet Corneil Guillaume et al, Joseph, Dmitrieff Alexis, Ewdokimovitsch (inventors). Issued 5-1-34.

1,957,954. Process for purifying oils and for converting incombustible oils into homogeneous fuels. Haeck Auguste (inventor); Spiltoir Jean (grantee). Issued 5-8-34.

1,960,892. Long bone fracture clamp. Boever Paul Marie Joseph (inventor); Manufacture Belge de Gembloux S A (grantee). Issued 5-29-34.

1,961,348. Manufacture of photographic printing fabric. Goedtler Louis (inventor). Issued 6-5-34.

1,961,528. Universal faceplate for machine tools. Piron Joseph (inventor). Issued 6-5-34.

1,961,666. Process and apparatus for separating ores. Hoyois Leon (inventor). Issued 6-5-34.

1,962,052. Cherry stemming machine. Buydts Rene (inventor). Issued 6-5-34.

1,963,486. Glass rolling means. Brancart Yoon (inventor). Issued 6-19-34.

1,963,675. Method of obtaining an autoclave closure for vessels of all kinds. Plainevaux Pierre et al, Antoine Joseph (inventors). Issued 6-19-34.

1,964,419. Porous textile fabric. Asten Eduard V (inventor). Issued 6-26-34.

1,965,727. Central heating. Springuel Francois (inventor). Issued 7-10-34.

1,966,540. Transformable carriage body. Decoux Robert (inventor). Issued 7-17-34.

1,966,560. Mold. Raepsaet Maurice Paul Henri Leon (inventor); Soc Belge du Caoutchouc Mousse (grantee). Issued 7-17-34.

1,967,044. Stepmotor. Van Den Eynde Maurice Auguste Victor (inventor). Issued 7-17-34.

1,967,538. Starting and reversing mechanism for internal combustion engines. Romeyn Jean (inventor). Issued 7-24-34.

1,967,566. Automatic binding machine. Tremouroux Charles (inventor). Issued 7-24-34.

1,968,336. Motor brake. Dewandre Albert (inventor); Servo Frein Dewandre S A (grantee). Issued 7-31-34.

1,968,962. Hammer operating with a variation in atmospheric pressure. Schatt Charles (inventor). Issued 8-7-34.

1,969,062. Railway sleeper. De Rossius D Humain Fernand (inventor); S A D Angleur Athus (grantee). Issued 8-7-34.

1,969,442. Decorticating machines for grain rice and similar cereals. Anseele Edouard et al, De Moor Maurice (inventors); S A Les Ateliers Metallurgiques, Reunis (grantees). Issued 8-7-34.

1,970,552. Apparatus for centrifugal separation. Berge Julien (inventor); Raffinerie Tirlemontoise S A (grantee). Issued 8-21-34.

1,970,884. Device for lubrication of engines. Charlier Albert Jean Nicolas (inventor). Issued 8-21-34.

1,971,110. Transferring apparatus for incompletely solidified glass bottles and the like. Lhoest Leon (inventor). Issued 8-21-34.

1,974,270. Cartridge shell. Guignet Leon Auguste (inventor); Cie Royale Asturienne Des Mines (grantee). Issued 9-18-34.

1,975,716. Manufacture of Lithopone. Guillissen Joseph (inventor). Issued 5-16-33.

1,977,025. Rotary valve for internal combustion engines. Vander Elst Jean et al, Backx Joannes Franciscus (inventors). Issued 10-16-34.

1,977,176. Grate for fireplaces. De Reytere Robert (inventor). Issued 10-16-34.

1,979,397. Photographic apparatus. Misonne Leonard (inventor). Issued 11-6-34.

1,979,781. Method of making edible sugar syrup. Van Scherpenberg August L (inventor). Issued 11-6-34.

1,981,082. Musical instrument. Cloetens Georges (inventor). Issued 11-20-34.

1,982,398. Regulating device for dampers for elastic vehicle suspensions. Pieper Henri (inventor). Issued 11-27-34.

1,982,401. Sporting gun. Scholberg Paul (inventor). Issued 11-27-34.

1,982,452. Teat cup for milking machines. Persoons Jules et al, Persoons Alphonse (inventors). Issued 11-27-34.

1,985,347. Treatment of nitrocellulose containing waste material. Hayemal Paul Charles Leon (inventor). Issued 12-25-34.

1,985,566. Heating device for rotary furnaces. Garreau Henri (inventor); Rotary furnaces Ltd (grantee). Issued 12-25-34.

1,986,245. Process and apparatus for centrifuging. Berge Julien (inventor); Raffinerie Tirlemontoise S A (grantee). Issued 1-1-35.

1,987,485. Process for the manufacture of white portland cement in a rotary kiln. Mercelis Jean (inventor). Issued 1-8-35.

1,989,996. Heat exchange unit. Mautsch Robert (inventor); Manufacture Generale Metallurgique S A (grantees). Issued 2-5-35.

1,994,341. Hydropneumatic pump. Fonson Octave et al, Goffin Andre Arthur Emile (inventors); Fonson Octave (grantee). Issued 3-12-35.

1,995,211. Process for the manufacture of ammonium and alkali metal formates. Leroux Andre (inventor); Franco Belge D Ougree (grantee). Issued 3-19-35.

1,995,964. Screens for cinematographic projections and the like. Darimont Leopold (inventor). Issued 3-26-35.

1,997,234. Method of supplying current and apparatus for arc welding. Schmerber Raoul Jean (inventor); La Soudure Electrique Autogene S A (grantee). Issued 4-9-35.

1,997,524. Electrical resistance furnace. Kuntziger Jean et al, Delecourt, Henri, Traison Joseph (inventors). Issued 4-9-35.

1,998,552. Manufacture of gilled tubes. Mautsch Robert (inventor); Manufacture Generale Metallurgique S A (grantees). Issued 4-23-35.
2,003,106. Windscreen. Carlotti Charles Francois (inventor). Issued 5-28-35.
2,003,438. Tool for making cartridge shells. Guignet Leon Auguste (inventor); Cie the Royale Asturienne des Mines (grantee). Issued 6-4-35.
2,006,119. Apparatus for the separation of dry materials. Steinmetzer Joseph Nicholas (inventor). Issued 6-25-35.
2,006,498. Internal combustion engine. Dasset Emile (inventor). Issued 7-2-35.
2,007,734. Device for atomizing liquids. Wergifosse Victor (inventor). Issued 7-9-35.
2,008,170. Process of preparing a rubber essence. Botson Rene et al, Kamp Julien (inventors). Issued 7-16-35.
2,010,273. Brake controlling device. Pieper Henri (inventor). Issued 8-6-35.
2,011,093. Heating by means of solid fuel of very small sizes. Vandevelde Aime (inventor). Issued 8-13-35.
2,011,207. Apparatus for washing drinking glasses and the like articles. Vermeiren Pierre (inventor). Issued 8-13-35.
2,012,376. Ball for playing games. Caro Martin (inventor). Issued 8-27-35.
2,012,479. Device for detecting metals, etc. Planta Giulio Ulivi (inventor). Issued 8-27-35.
2,013,006. Internal combustion engine receiving liquid fuel. Obram Nicolas (inventor). Issued 9-3-35.
2,014,756. Machine for compressing rarefying & transporting liquid or gaseous fluids. Beudels Jean (inventor). Issued 9-17-35.
2,016,449. Carburetor. Moysard Omer (inventor). Issued 10-8-35.
2,016,589. Speed regulator for internal combustion engines. Boudin Edgard (inventor). Issued 10-8-35.
2,016,786. Filter fabric. Lemaire Auguste Gustave (inventor). Issued 10-8-35.
2,017,283. Automatic repeating gun. Laloux Rene (inventor). Issued 10-15-35.
2,017,310. Machine for forging hollow metal blanks. Giacchino Ezio (inventor). Issued 10-15-35.
2,017,375. Hydraulic change speed mechanism. Robin Leo et al, Van Roggen Mathieu (inventors). Issued 10-15-35.
2,017,540. Process of treating zinciferous solutions. Kemp Joseph (inventor). Issued 10-15-35.
2,018,582. Gas burner or the like. Theunissen Herve (inventor). Issued 10-22-35.
2,018,753. Automatic device for closing the cage and well gates of lifts and the like. Wechsler Georges (inventor). Issued 10-29-35.
2,019,161. Valve gear for explosion and internal combustion engines working on any cycle. Serste Jacques Egide (inventor). Issued 10-29-35.
2,019,752. Clutch control mechanism. Windelinckx Maurice (inventor). Issued 11-5-35.
2,021,542. Elastic displaceable link for use in an endless chain for carrying goods. Collette Maurice (inventor). Issued 11-19-35.
2,022,203. Static pressure indicating device. Hughes Albert Thomas (inventor). Issued 11-26-35.
2,024,358. Filtration of slimes. Henry Rene Auguste (inventor). Issued 12-17-35.
2,024,811. Vulcanizer. Van Camp Fernand (inventor); S A des Etablissements J Laroche Lechat (grantee). Issued 12-17-35.
2,024,955. Filtering apparatus. Teatine Dario (inventor). Issued 12-17-35.
2,025,367. Process of manufacturing active carbon. Weerts Victor (inventor). Issued 12-24-35.
2,027,127. One wheeled trailer for automobiles and similar vehicles. Tastenhoye Hubert (inventor). Issued 1-7-36.
2,027,464. Process of cracking tar and bituminous schist oils with recovery of by-products. Boulanger Louis et al, Emsens Ferdinand (inventors). Issued 1-14-36.
2,027,657. Press for dehydrating colloid material. Van Roggen Mathieu et al, Robin Leo (inventors). Issued 1-14-36.
2,027,675. Motion picture projector. Callier Andre et al, Heger Fernand (inventors). Issued 1-14-36.
2,027,720. Wind screen. Carlotti Charles Francois (inventor). Issued 1-14-36.
2,028,853. Method of forming thin metallic films by cathode disintegration. Von Bosse Julius et al, Richter Kurt (inventors); La Dispersion Cathodique (grantee). Issued 1-28-36.
2,029,670. Brake system. Pieper Henri (inventor). Issued 2-4-36.
2,029,813. Guiding vane for fans or the like. De Mey Rene (inventor). Issued 2-4-36.
2,031,199. Coal burner. Adrianoff Alexandre (inventor). Issued 2-18-36.
2,031,788. Linen washing machine. Persoons Jules et al, Persoons Alphonse (inventors). Issued 2-25-36.
2,032,289. Hydraulic shock absorber for vehicles. Lacroix Charles (inventor). Issued 2-25-36.
2,032,446. Automatic charging device for tunnel ovens. Spinette Victor (inventor). Issued 3-3-36.
2,032,461. Grille or guard for bays of windows or doors. Aubert Roger (inventor); Volets et Portes Equilibres S A (grantee). Issued 3-3-36.
2,033,233. Method of making hydraulic cement compositions. Ernotte Maurice (inventor). Issued 3-10-36.
2,033,660. Fished rail joint. Vryens Norbert (inventor). Issued 3-10-36.
2,033,723. Direct reading radiogoniometer. Marique Jean (inventor). Issued 3-10-36.
2,036,439. Apparatus for teaching double entry bookkeeping. Schuster Ulysse (inventor). Issued 4-7-36.
2,038,662. Apparatus for transporting sheets of glass. Laverdisse Edmond (inventor); Les Glaceries de la Sambre S A (grantee). Issued 4-28-36.
2,039,186. Hydraulic servomotor for train controllers and the like. Pieper Henri (inventor). Issued 4-28-36.
2,040,511. Process of manufacturing reconstituted compressed leather and product obtained thereby. Bleyenheuft Charles (inventor); Cie Internationale des Cuirs Comprimes Attila CICCA SA (grantee). Issued 5-12-36.
2,041,643. Voltage regulator. Huet Albert (inventor). Issued 5-19-36.
2,041,644. Selective protection of electric distributing networks having an insulated neutral point. Jonnart Andre (inventor). Issued 5-19-36.
2,041,981. Reaper binder. Tremouroux Constantin Ferdinand et al, Tremouroux Constantin Emile (inventors). Issued 5-26-36.
2,042,392. Braking of vehicles. Dewandre Albert (inventor); S. A. Du Servo Frein Dewandre (grantee). Issued 5-26-36.
2,043,185. Rear axle for automotive vehicles. Miesse Jules (inventor). Issued 6-2-36.
2,046,482. Trolley and the like. Regnac Paille Georges (inventor). Issued 7-7-36.
2,047,178. Folding chair and the like. De Coninck Arthur (inventor). Issued 7-14-36.
2,047,258. Process of dispersing and stabilizing hydrocarbon oils and bituminous compositions. Ernotte Maurice (inventor). Issued 7-14-36.
2,047,350. Cathode distintegration. Alexander Paul (inventor); La Dispersion Cathodique en Abrege Disca S. A. (grantee). Issued 7-14-36.
2,047,351. Cathode disintegration. Alexander Paul (inventor); La Dispersion Cathodique en Abrege, Disca S. A. (grantees). Issued 7-14-36.
2,048,252. Preparatory caisson. Frankignoul Edgard (inventor); Cie Internationale des Pieux Armes Frankignoul S A (grantee). Issued 7-21-36.
2,050,651. Pin and slot driving mechanism. Felies Jacques Francois (inventor). Issued 8-11-36.
2,052,909. Process of dehydrating colloid material. Van Roggen Mathieu, et al., Robin Leo (inventors). Issued 9-1-36.
2,053,058. Separator for electric accumulators. Wuillot Marcel Victor (inventor); Cie Belge d Accumulateurs Dite Cebea S. A. (grantee). Issued 9-1-36.
2,053,836. Igniting plug for hand grenades. Laguesse Fernand (inventor). Issued 9-8-36.
2,056,448. Process for the separation of chlorhydrins from hydrochloric acid solutions. Ferrero Paul, et al., Vandendries Corneille (inventors); Soc. Carbochimique S. A. (grantee). Issued 10-6-36.
2,057,242. Process of making electric conductors. Mautsch Robert (inventor); Manufacture Generale Metallurgique S. A. (grantee). Issued 10-13-36.
2,057,559. Multiple clutch device. De Backer Joseph (inventor). Issued 10-13-36.
2,058,524. Tunnel oven for cooking products by indirect heating. Spinette Victor (inventor). Issued 10-27-36.
2,058,776. Steganographic typewriter. D Auvrain Fernand (inventor). Issued 10-27-36.
2,060,966. Apparatus for the pneumatic separation of materials. Allard Francois (inventor). Issued 11-17-36.
2,061,305. Closing cap for bottles, etc. Heymans Paul (inventor); Sobemi Abreviation de Soc Belge d Emballages Metalliques Industriels S. A. (grantee). Issued 11-17-36.
2,061,867. Automatically variable speed transmission. De Muynck Alphonse (inventor). Issued 11-24-36.
2,062,389. Apparatus for coating fibers. Bleibler Ernst (inventor). Issued 12-1-36.
2,064,889. Device for converting a rotating motion into a rectilinear reciprocating motion. Dirix Emile (inventor). Issued 12-22-36.
2,066,112. Valve. Humblet Joseph (inventor). Issued 12-29-36.
2,070,589. Process of forging hollow metal blanks. Giacchino Ezio, Sr., dec., et al., Giacchino Francesca Teresa Robaldo, Giacchino Aldo, Giacchino Ezio, Jr. (inventors); S. A. Forgeage Electrique Giacchino (grantee). Issued 2-16-37.
2,071,678. Gas generating boiler for central heating. Bellay Julien (inventor). Issued 2-23-37.
2,071,780. Connector for taps, pipes and the like. Aghnides Elie (inventor). Issued 2-23-37.
2,071,799. Rotary engine. Mabille Raoul (inventor). Issued 2-23-37.
2,071,891. Filter. Meura Paul (inventor). Issued 2-23-37.
2,072,572. Impulse transmitting device. Vanheerswynghels Joseph Leon Auguste (inventor). Issued 3-2-37.
2,072,599. Device for covering the steam exhaust pipe of locomotives. Lemaitre Maurice (inventor). Issued 3-2-37.
2,073,423. Drying and seasoning wood and analogous vegetable materials. Lacasse Valentin (inventor). Issued 3-9-37.
2,074,276. Apparatus for arc welding. Schmerber Raoul Jean (inventor); La Soudure Electrique Autogene S. A. (grantee). Issued 3-16-37.
2,074,588. Driving mechanism for control valves of internal combustion engines. Kipfer Paul Fritz (inventor). Issued 3-23-37.

2,078,843. Apparatus for supersaturating with carbon dioxide liquids such as wines. Frolois Pierre (inventor). Issued 4-27-37.
2,079,212. Valve. Humblet Joseph (inventor). Issued 5-4-37.
2,079,938. Seal for string ribbon or the like. Hoornstra Salomon (inventor). Issued 5-11-37.
2,080,332. Wheelbarrow. Palthe Albert Van Wulfften (inventor). Issued 5-11-37.
2,084,229. Process for extracting juice from cut sugar beets and other gas containing substances. Van Maanen Dirk Hendrik Johan (inventor). Issued 6-15-37.
2,084,516. Process of manufacturing textile articles. Van Puymbroeck Julien (inventor). Issued 6-22-37.
2,084,630. Treatment of silicate ores and or the like. Deguide Camille (inventor); Soc de Recherches et d Applications Chimiques Sorac S A (grantee). Issued 6-22-37.
2,085,640. Method of making an asbestos cement agglomerate. Czajko Louis (inventor). Issued 6-29-37.
2,087,493. Clutch control mechanism. Windelinckx Maurice (inventor). Issued 7-20-37.
2,088,265. Dies for the manufacture of metal wheels. Hulin Jules, et al., Ford George (inventors). Issued 7-27-37.
2,088,875. Hydraulic shock absorber for vehicles and other mechanical applications. Serste Jacques Egide (inventor). Issued 8-3-37.
2,088,896. Moving toy. Couvreur Aime (inventor). Issued 8-3-37.
2,089,644. Process for the production of compressed wood or plywood. De Samsonow Alexandre (inventor). Issued 8-10-37.
2,090,887. Heating plant. Garreau Henri (inventor); Rotary Furnaces, Ltd. (grantee). Issued 8-24-37.
2,091,536. Centrifugal drier. Van Impe Faldani (inventor). Issued 8-31-37.
2,091,592. Cream separator. Henrard Ferdinand Jean Joseph Julien (inventor); Ecremeuses Melotte S A (grantee). Issued 8-31-37.
2,093,073. Paint composition. Deguide Camille (inventor); Soc de Recherches et d'Applications Chimiques Sorac S A (grantee). Issued 9-14-37.
2,093,292. Variable speed transmission. Suys Ferdinand (inventor); Soc Pour le Perfectionnement et l'Exploitation des Transmissions Mecaniques S A (grantee). Issued 9-14-37.
2,094,730. Driving device. Vandenput Pierre (inventor). Issued 10-5-37.
2,094,901. Homokinetic cardan joint. Monzee Georges et al, Joskin Joseph Albert (inventors). 10-5-37.
2,097,389. Fan blade or the like. De Mey Rene et al, Havard Paul (inventors). Issued 10-26-37.
2,097,390. Fan and the like. De Mey Rene (inventor). Issued 10-26-37.
2,097,721. Roller skate. Cledina Raphael (inventor). Issued 11-2-37.
2,099,374. Photographic developer and a process of photographic developing. Schwarz Georg (inventor); Gevaert Photo Production N V (grantee). Issued 11-16-37.
2,100,679. Lock. Wassenhove Antoine (inventor). Issued 11-30-37.
2,100,946. Suspension arrangement for screw fan rotors. De Mey Rene (inventor). Issued 11-30-37.
2,101,212. Boiled egg opener. Coppin Camille (inventor). Issued 12-7-37.
2,103,813. Process for the preparation of chlorhydrins. Ferrero Paul et al, Vandendries Corneille (inventors); Soc Carbochimique S A (grantee). Issued 12-28-37.
2,106,376. Fire protecting means. Humblet Joseph (inventor). Issued 1-25-38.
2,106,430. Extinguisher. Humblet Joseph (inventor). Issued 1-25-38.
2,106,659. Photographic apparatus. Rentmeesters Pierre Joseph (inventor). Issued 1-25-38.
2,106,667. Mounting of electric insulators. Thiry Leon (inventor). Issued 1-25-38.
2,108,936. Preparation of glycols from oxides of olefines. Ferrero Paul et al, Vandendries Corneille, Berbe Francois (inventors); Soc Carbochimique S A (grantee). Issued 2-22-38.
2,110,089. Device for operating the trigger and the locking mechanism of a gun. Lempereur Maurice (inventor); Servo Frein Dewandre S A (grantee). Issued 3-1-38.
2,110,298. Apparatus for getting into solution or suspension in a water current a determined and regulatable amount of materials in a mobile fine or powdery condition. Henry Rene Auguste (inventor). Issued 3-8-38.
2,110,388. Porous textile fabric. V Asten Eduard (inventor). Issued 3-8-38.
2,110,778. Centrifugal separator. Teatini Dario (inventor). Issued 3-8-38.
2,111,223. Process of cracking of hydrocarbons such as for the production of high grade so called antiknock motor fuel. Pennrich Henry C (inventor). Issued 3-15-38.
2,112,191. Process for purifying metallic cadmium. Fassotte Adolphe Denis Henri Leon et al, Favre Rene (inventors); Cie des Metaux d'Overpelt Lommel et de Corphalie S A (grantee). Issued 3-22-38.
2,112,913. Valve. Lechene Francois (inventor). Issued 4-5-38.
2,114,570. Shaft coupling. Renaud Constant (inventor); Ateliers de Constructions Electriques de Charleroi (grantee). Issued 4-19-38.
2,115,483. Arrangement for controlling firearms. Defives Raymond (inventor); Servo Frein Dewandre S A (grantee). Issued 4-26-38.
2,115,644. Altitude power regulating device for explosion and combustion motors. Modesse Albert (inventor). Issued 4-26-38.
2,115,861. Machine gun. Laloux Rene (inventor). Issued 5-3-38.
2,116,086. Registering or recording device for weighing apparatus. Van Berkel Wilhelmus Adrianus (inventor). Issued 5-3-38.
2,116,616. Preselective apparatus for gear changing. Chasserieau Gabriel (inventor). Issued 5-10-38.
2,116,696. Thermionic tube compensator for aerials. De Monge Gerard (inventor). Issued 5-10-38.
2,118,071. Process and machine for scutching flax and the like. Decuypere Charles et al, Dujardin Maurice (inventors). Issued 5-24-38.
2,118,890. Control device with predetermined successive positions. Maes Frederic (inventor); Servo Frein Dewandre S A (grantee). Issued 5-31-38.
2,119,116. Treatment of cellulose esters. Schuller Aladar et al, Tritsmans Remi Gustaaf, Hendriex Sergius (inventors); Gevaert Photo Producten N V (grantee). Issued 5-31-38.
2,119,117. Method of treating cellulose. Schuller Aladar et al, Tritsmans Remi Gustaaf (inventors); Gevaert Photo Producten N V (grantee). Issued 5-31-38.
2,121,171. Barrel fastening means. Laloux Rene (inventor). Issued 6-21-38.
2,123,942. Ring shaped element of prismatic section for improving the luminosity of electric lamps. Gunsbourg Arcadius (inventor). Issued 7-19-38.
2,123,960. Method of cracking hydrocarbon oils. Pennrich Henry C (inventor). Issued 7-19-38.
2,124,920. Portable vanity case combined with handbag. Lambooy Maria Petronella Johanna (inventor). Issued 7-26-38.
2,126,155. Incandescent electric lamp. Van Dyck Alexandre (inventor). Issued 8-9-38.
2,127,415. Apparatus and process for determining the position of a moving object. Marique Jean (inventor); S A Internationale de Telegraphie Sans Fils (grantee). Issued 8-16-38.
2,128,002. Lock for house doors. Lebeau Leon (inventor). Issued 8-23-38.
2,128,444. Process for the purification of molten metals. Vroonen Emile (inventor). Issued 8-30-38.
2,130,751. Apparatus for determining the resistance of the ground. Van Der Meer Constant Pierre Jean Marie (inventor). Issued 9-20-38.
2,131,215. Glass tank furnace. Bivort Henri Jacques (inventor). Issued 9-27-38.
2,131,350. Treatment of substances containing tantalum and or niobium. Leemans Joseph Pierre (inventor); Soc Generale Metallurgique de Hoboken (grantee). Issued 9-27-38.
2,131,896. Spinning and like textile frame. Lambert Oswald (inventor). Issued 10-4-38.
2,133,594. Furnace for producting sulphurous gas. Teatini Dario (inventor). Issued 10-18-38.
2,133,677. Air conditioning process. Wautelet Camille Ernest (inventor). Issued 10-18-38.
2,133,866. Spinning and like textile frame. Lambert Oswald (inventor). Issued 10-18-38.
2,134,285. Two stroke internal combustion engine. Kipfer Paul Fritz (inventor). Issued 10-25-38.
2,134,286. Two stroke internal combustion engine. Kipfer Paul Fritz (inventor). Issued 10-25-38.
2,134,440. Propelling device for vehicles. Dumont Hector (inventor). Issued 10-25-38.
2,136,512. Automatic rapid fire gun. Laloux Rene (inventor). Issued 11-15-38.
2,136,992. Heating structure for drying ironing calendering and similar machines. Heynssens Joseph Leon (inventor). Issued 11-15-38.
2,137,056. Bomb. Liegeois Pierre (inventor); Manufacture D Armements et de Munitions Armu S A (grantee). Issued 11-15-38.
2,137,172. Rotary engine. Mabille Raoul (inventor). Issued 11-15-38.
2,137,446. Vehicle head lamp. Despatures Charles Fernand (inventor). Issued 11-12-38.
2,140,011. Process for the heat treatment of milk. Hass Verne (inventor). Issued 12-13-38.
2,140,800. Treatment of substances containing tantalum and or niobium. Leemans Joseph Pierre (inventor); Soc Generale Metallurgique de Hoboken (grantee). Issued 12-20-38.
2,140,801. Treatment of materials containing tantalum and or niobium. Leemans Joseph Pierre (inventor); Soc Generale Metallurgique de Hoboken (grantee). Issued 12-20-38.
2,141,537. Machine gun. Laloux Rene (inventor). Issued 12-27-38.
2,142,090. Refining of cathode copper. Bercovici Leon (inventor); Soc Generale Metallurgique de Hoboken (grantee). Issued 1-3-39.
2,142,307. Mounting of axial flow fans and the like. De Mey Rene et al, Havard Paul (inventors). Issued 1-3-39.
2,142,421. Variable speed transmission device. Suys Ferdinand (inventor); Soc Pour le Perfectionnement et L Exploitation des Transmissions Mecaniques Perfectrans (grantee). Issued 1-3-39.
2,143,303. Screen for cinematographic projections. Darimont Leopold (inventor). Issued 1-10-39.
2,143,738. Rotary engine. Mabille Raoul (inventor). Issued 1-10-39.
2,146,853. Apparatus for stringing tennis rackets and the like. Ryckman Adrien (inventor). Issued 2-14-39.

2,148,918. Pump more particularly beer pump. Weber Stephane (inventor). Issued 2-28-39.
2,149,191. Sculptural architectural and like objects. Stagl Rodolphe (inventor). Issued 2-28-39.
2,149,423. Piston. Corthals Auguste (inventor). Issued 3-7-39.
2,150,055. Remote control apparatus for the successive release of bombs in aircraft. Defives Raymond (inventor); Servo Frein Dewandre S A (grantee). Issued 3-7-39.
2,150,289. Method for the electrolytic production of alkali metals. Moltkehansen Ivar Juel (inventor). Issued 3-14-39.
2,150,555. Treatment of materials containing tantalum and or niobium. Leemans Joseph Pierre (inventor); Soc Generale Metallurgique de Hoboken (grantee). Issued 3-14-39.
2,151,750. Apparatus for transmitting recording graphics. Delchef Georges (inventor). Issued 3-28-39.
2,155,622. Lay figure for displaying fabrics in the form of garments. Spanier Walter (inventor). Issued 4-25-39.
2,157,383. Lead alloy. Cuvelliez Francois (inventor); Soc Generale Metallurgique de Hoboken (grantee). Issued 5-9-39.
2,158,218. Method of closing metal drums. Brouhon Georges (inventor); Solvay & Cie (grantee). Issued 5-16-39.
2,158,224. Typographical single type composing machine. Du Four Jean (inventor). Issued 5-16-39.
2,158,889. Spool support or core for the dyeing and for the treatment of textiles on spools. Annicq Joseph (inventor). Issued 5-16-39.
2,159,169. Electric furnace for melting metals. Mautsch Robert (inventor). Issued 5-23-39.
2,159,584. Fixing electric motors to a vehicle truck. Bikar Marie Edouard Jean Henri (inventor); Acieries de Haine Saint Pierre et Lesquin S A (grantee). Issued 5-23-39.
2,159,879. Pneumatic control apparatus. Dewandre Albert (inventor); Servo Frein Dewandre S A (grantee). Issued 5-23-39.
2,160,616. Haircloth. Gheysens Eugene Aime Constant Alfred et al, Gheysens Paul Constant Louis Andre (inventors). Issued 5-30-39.
2,162,124. Change speed device. Robin Leo et al, Van Roggen Mathieu (inventors). Issued 6-13-39.
2,163,207. Method for the manufacture of porous building material. Missotten Simon (inventor). Issued 6-20-39.
2,164,279. Treatment of substances containing tantalum and niobium. Leemans Joseph Pierre (inventor); Soc Generale Metallurgique de Hoboken (grantee). Issued 6-27-39.
2,165,158. Telescope. Stagl Rodolphe (inventor). Issued 7-4-39.
2,165,739. Cassette for cinematographic cameras. Verkinderen Honore (inventor); Gevaert Photo Producten N V (grantee). Issued 7-11-39.
2,166,241. Dual control device for aircraft. De Wouters D Oplinter Jean Guy Marie Josef (inventor). Issued 7-18-39.
2,166,297. Process for the treatment of gelatin and glue. Jacquet Rene Jules Fernand (inventor); Tannerie & Maroquinerie Belges S A (grantee). Issued 7-18-39.
2,167,096. Three wheel motor car. Van Den Stock Paul Anna Charles Francois (inventor). Issued 7-25-39.
2,167,404. Process for the manufacture of caustic soda. Lawarree Henri (inventor). Issued 7-25-39.
2,167,503. Oven for heat treatment of shales schists sandstones and the like. Gilles Franz Florent Raoul Andre (inventor); Soc Generale de Fours A Coke Systemes Lecocq S A (grantee). Issued 7-25-39.
2,167,732. Photographic material. Verkinderen Honoure (inventor); Gevaert Photo Producten N V (grantee). Issued 8-1-39.
2,167,743. Filter for artesian wells or bore holes. Caluwe Georges (inventor). Issued 8-1-39.
2,168,597. Process and apparatus for the direct production of steel and other metals from ore. Auriol Albert et al, Auriol Andre (inventors). Issued 8-8-39.
2,169,434. Process of dequaternating quaternary ammonium dyestuffs. Schwarz George (inventor); Gevaert Photo Producten N V (grantee). Issued 8-15-39.
2,169,789. Method of constructing foundation piles. Bertrand Raymond (inventor); Cie Internationale Des Pieux Armes Frankignoul S A (grantee). Issued 8-15-39.
2,173,209. Kneading machine. Le Roy Frederic (inventor); Le Roy Dewinter Madam (grantee). Issued 9-19-39.
2,177,885. Machine for composing lithographic prints. Geirnaert Rene Louis Romain Robert (inventor). Issued 10-31-39.
2,178,037. Mechanism for the advancement of the carriage of typewriters and the like. Geirnaert Rene Louis Romain Robert (inventor). Issued 10-31-39.
2,178,049. Electrical heating apparatus of the storage type. Mouton Augustin et al, Huet Albert (inventors). Issued 10-31-39.
2,179,401. Rotary internal combustion engine. Chkliar Jacques (inventor). Issued 11-7-39.
2,179,959. Elastic joint or support. Schroedter Rolf (inventor); Thiry Leon (grantee). Issued 11-14-39.
2,181,819. Gun battery or mounting more particularly for antiaircraft defense. Radelet Fernand et al, Schul Max (inventors. Issued 11-28-39.
2,183,517. Treatment of materials containing tantalum & niobium. Leemans Joseph Pierre (inventor); Soc Generale Metallurgique De Hoboken (grantee). Issued 12-12-39.
2,183,946. Machine for pulling standing flax or other like plants. Soenens Maurice Alois (inventor); Automatic Flax Production Units (grantee). Issued 12-19-39.
2,184,594. Quantitative separation of materials. Hoyois Leon (inventor). Issued 12-26-39.
2,185,798. Photographic emulsion. Stevens Rene (inventor). Issued 1-2-40.
2,185,872. Automatic sales apparatus. Stra Rene (inventor). Issued 1-2-40
2,188,195. Strainer for vegetables and fruits. Vanoenacker Paul Jean Alfred (inventor). Issued 1-23-40.
2,189,371. Drawing device. Stagl Rodolphe (inventor). Issued 2-6-40.
2,190,062. Preselector device for change speed gears. Fournaux Walthere (inventor). Issued 2-13-40.
2,190,238. Hydrocompound braking system. Lepersonne Octave (inventor). Issued 2-13-40.
2,191,565. Multiplex communication system. Henroteau Francois Charles Pierre (inventor). Issued 2-27-40.
2,191,810. Method of sensitizing photographic silver halide emulsions. Stevens Rene (inventor); Gevaert Photo Producten N V (grantee). Issued 2-27-40.
2,192,241. Photographic layer and process or producing same. Robijns Willem Pieter Maria Josef (inventor; Gevaert Photo Production N V (grantee). Issued 3-5-40.
2,193,000. Coke oven. Gilles Franz Florent Raoul Andre (inventor); Soc Generale De Fours a Coke Systemes Lecocq S A (grantee). Issued 3-12-40.
2,196,355. Means for circulating electrolyte in apparatus for the electrodeposition of metals. Cremer Alfred (inventor). Issued 4-9-40.
2,197,311. Color forming developer and process of color development. Merckx Philibert Leopold et al, Jozef Raymond, Korber Willem Karel Antoon (inventors); Gevaert Photo Producten N V. Issued 4-16-40.
2,198,554. Lighting system for use on vehicles to facilitate passing at night. Schuermans Maurice et al, Baret Albert (inventors). Issued 4-23-40.
2,198,678. Art of making stereoscopic projection of pictures. Noaillon Edmond Henri Victor (inventor). Issued 4-30-40.
2,198,679. Internal combustion engine. Radelet Fernand et al, Schul Max (inventors). Issued 4-30-40.
2,198,914. Treatment of materials containing tantalum and niobium. Leemans Joseph Pierre (inventor); Soc Generale metallurgique De Hoboken (grantee). Issued 4-30-40.
2,198,932. Lead alloy. Cuvelliez Francois (inventor); Soc Generale Metallurgique De Hoboken (grantee). Issued 4-30-40.
2,198,958. Change speed gear system. Cahn Joseph (inventor); Feigenbaum Hermann (grantee). Issued 4-30-40.
2,201,738. Process for effecting reducing metallurgical reactions. Neve Pierre (inventor). Issued 5-21-40.
2,202,444. Roasting furnace. De Rey Emmanuel (inventor). Issued 5-28-40.
2,203,449. Internal combustion engine. Tips Maurice (inventor). Issued 6-4-40.
2,206,332. Internal combustion engine. Radelet Fernand et al, Schul Max (inventors); Radelet Fernand (grantee). Issued 7-2-40.
2,207,900. Machine for scutching flax or like plant stalks. Soenens Maurice Alois (inventor); Automatic the Flax Productions Units (grantee). Issued 7-16-40.
2,211,895. Apparatus for the treatments of materials in grains or pieces such as minerals coals and the like. Hoyois Leon (inventor). Issued 8-20-40.
2,211,936. Internal combustion engine. Radelet Fernand et al, Schul Max (inventors); Radelet Fernand (grantee). Issued 8-20-40.
2,213,106. System of metal shelves displaceable for bookcases and similar articles. Liesken Auguste Hubert (inventor). Issued 8-27-40.
2,214,404. Furnace for solid fuels. Coenen Edouard Jean Baptiste (inventor). Issued 9-10-40.
2,214,512. Connection between a propeller and its driving shaft. Thiry Leon (inventor). Issued 9-10-40.
2,214,720. Recording means for weighing machines. De Brouckere Leon (inventor). Issued 9-10-40.
2,214,978. Diffusion apparatus. Teatini Dario (inventor). Issued 9-17-40.
2,219,407. Rotary oven for the heat treatment of coal and other solid materials. Baptist Henri Felix Jean (inventor). Issued 10-29-40.
2,220,171. Apparatus for the continuous distillation of liquids. Noaillon Edmond Henri Victor (inventor); Soc Generale De Fours a Coke Systemes Lecocq S A (grantee). Issued 11-5-40.
2,222,446. Rippling machine for the treatment of textile materials. Soenens Maurice Alois (inventor); Automatic Flax Production Units (grantee). Issued 11-19-40.
2,222,686. Treatment of synthetic resins and materials containing same. Robin Leo et al, Van Roggen Mathieu (inventors). Issued 11-26-40.
2,225,278. Driving device. Robin Leo et al, Van Roggen Mathieu (inventors). Issued 12-17-40.
2,225,685. Process of producing alkaline nitrate and chlorine. Chuffart Robert Charles Henri (inventor); Plucker Henry William (grantee). Issued 12-24-40.
2,230,397. Acoustic apparatus for the deaf. Abraham Lewis Crowford (inventor). Issued 2-4-41.
2,231,857. Glass drawing apparatus. Delacuvellerie Ernest (inventor). Issued 2-11-41.

2,234,127. Process of manufacture of a metallurgical product intended to be melted for forming a metal or an alloy. Mautsch Robert (inventor). Issued 3-4-41.
2,236,182. Means for forming mixtures of fluids and delivering measured quantities of these mixtures. Le Roy Meersmans L (inventor). Issued 3-25-41.
2,237,604. Instantaneous direct reading radiogoniometer. Marique Jean (inventor). Issued 4-8-41.
2,237,930. Gun support. Dewandre Albert (inventor); Servo Frein Dewandre S A (grantee). Issued 4-8-41.
2,238,189. Film reel. Sano Karel (inventor); Gevaert Photo Producten N V (grantee). Issued 4-15-41.
2,238,819. Process for the condensation of zinc vapors. Neve Pierre (inventor). Issued 4-15-41.
2,239,220. Cubing or pelleting machine for feeds. De Permentier Paul Rene (inventor). Issued 4-22-41.
2,239,577. Process for terminating the flow of arc welding current. Serckx Robert Olivier Louis (inventor); La Soudure Electrique Autogene S A (grantee). Issued 4-22-41.
2,241,217. Independent wheel mounting with suspension means accommodated within the wheel. Peeters Desire (inventor). Issued 5-6-41.
2,242,344. Electric resistance element and process of manufacturing same. Cito Camillo (inventor); Manufacture Generale Metallurgique S A (grantee). Issued 5-20-41.
2,243,004. Electric arrangement for transmitting angles. Fourmarier Paul Jr et al, Lempereur Maurice (inventors); Servo Frein Dewandre S A (grantee). Issued 5-20-41.
2,244,216. Power transmitting arrangement for motor driven vehicles. Pieper Henri (inventor). Issued 6-3-41.
2,244,490. Casting machine. Doyen Daniel (inventor). Issued 6-3-41.
2,245,130. Process for the separation of ammonia and sulphureted hydrogen. Guillissen Joseph (inventor); Union Chimique Belge S A (grantee). Issued 6-10-41.
2,245,498. Rotary engine. Pringiers Paul (inventor); Baume & Marpent S A (grantee). Issued 6-10-41.
2,249,306. Centrifugal hydroextractor. Bailly Armand (inventor). Issued 7-15-41.
2,251,965. Color photography and color photograph. Verkinderen Honore (inventor); Gevaert Photo Producten N V (grantee). Issued 8-12-41.
2,252,011. Drafting arrangement for spinning frames and other similar machines. Liebaut Joseph Eugene (inventor); Filature Du Canal S A (grantee). Issued 8-12-41.
2,252,644. Speed controlling device. Robin Leo et al, Van Roggen Mathieu (inventors). Issued 8-12-41.
2,253,647. Cream separator. Persoons Jules et al, Persoons Alphonse (inventors). Issued 8-26-41.
2,255,359. Compressor. Lepersonne Octave (inventor). Issued 9-9-41.
2,257,454. Means for closing metal drums. Brouhon Georges (inventor); Solvay and Cie (grantee). Issued 9-30-41.
2,258,331. Manufacture of golf balls and the like. Miller Ellis (inventor). Issued 10-7-41.
2,258,332. Manufacture of golf balls and the like. Miller Ellis (inventor). Issued 10-7-41.
2,258,333. Manufacture of golf balls and the like. Miller Ellis (inventor). Issued 10-7-41.
2,259,210. Apparatus for drying materials. Modave Andre (inventor). Issued 10-14-41.
2,260,910. Process for purifying and decolorizing oily and fatty materials. Kellens Eugene (inventor). Issued 10-28-41.
2,261,596. Fluid distributor for heat exchangers. Stroobants Gaston Jean (inventor). Issued 11-4-41.
2,262,981. Internal combustion engine. Weber Emile Michel (inventor). Issued 11-18-41.
2,264,357. Machine for the manufacture of hydrated cellulose. Bleibler Ernest (inventor). Issued 12-2-41.
2,264,711. Vibrating machine. Portugaels Alfred (inventor); Vibramat S A (grantee). Issued 12-2-41.
2,265,879. Method of and means for electro magnetically recording and reproducing sound. Thurm Leon (inventor). Issued 12-9-41.
2,268,276. Racket stringing machine. Caro Martin et al, Lambert Gustave (inventors). Issued 12-30-41.
2,269,595. Furnace for heat treatment under high pressure. Miller Ellis (inventor). Issued 1-13-42.
2,277,091. Apparatus for purification of liquids by electro osmosis. Feyens Alfred Hubert (inventor). Issued 3-24-42.
2,277,402. Belt conveyor. Hoeck Henri (inventor). Issued 3-24-42.
2,277,516. Method and apparatus for frequency changing. Henroteau Francois Charles Pierre (inventor). Issued 3-24-42.
2,278,567. Device for identification of vehicles. Schuermans Maurice et al, Baret Albert (inventors). Issued 4-7-42.
2,279,324. Spade or shovel. Julien Joseph Alias Eugene Pallen (inventor). Issued 4-14-42.
2,283,056. Piston packing. Guardiola Louis Sorrino (inventor). Issued 5-12-42.
2,286,595. Apparatus for drying webs of paper regenerated from cellulose derivatives. Bleibler Ernest (inventor). Issued 6-16-42.
2,289,917. Process of continuous carbonization of cellulosic materials. Lambiotte Auguste (inventor). Issued 7-14-42.
2,296,523. Process for the biological and simultaneous purification of waste liquors & their slimes. Henry Rene Auguste (inventor). Issued 9-22-42.
2,297,166. Free wheeling mechanism. Robin Leo et al, Van Roggen Mathieu (inventors). Issued 9-29-42.

[F. R. Doc. 43-5329; Filed, April 5, 1943; 2:12 p. m.]

[Vesting Order 676]

PATENTS OF NATIONALS OF CZECHOSLOVAKIA

Under the authority of the Trading with the Enemy Act, as amended, and Executive Order No. 9095, as amended, and pursuant to law, the undersigned, after investigation:

1. Finding that the owners of the patents and other property related thereto described in subparagraph 3 hereof are either the persons identified in Exhibit A attached hereto and made a part hereof as the grantees of such patents, respectively, or (in the cases only of those patents, if any, in connection with which no grantees are so identified) the persons identified in said Exhibit A as the respective inventors thereof;

2. Finding that each of such owners is a resident of Czechoslovakia, and therefore is a national of a foreign country (Czechoslovakia);

3. Finding, therefore, that the property described as follows:

All right, title and interest, including all accrued royalties and all damages and profits recoverable at law or in equity from any person, firm, corporation or government for past infringement thereof, in and to the patents identified in said Exhibit A,

is property of nationals of a foreign country (Czechoslovakia);

4. Having made all determinations and taken all action, after appropriate consultation and certification, required by said Executive Order or Act or otherwise; and

5. Deeming it necessary in the national interest;

hereby vests in the Alien Property Custodian the property hereinbefore described in subparagraph 3, to be held, used, administered, liquidated, sold or otherwise dealt with in the interest of and for the benefit of the United States.

Such property, and any or all of the proceeds thereof, shall be held in an appropriate special account or accounts, pending further determination of the Alien Property Custodian. This shall not be deemed to limit the powers of the Alien Property Custodian to return such property or the proceeds thereof, or to indicate that compensation will not be paid in lieu thereof, if and when it should be determined that such return should be made or such compensation should be paid.

Any person, except a national of a designated enemy country, asserting any claim arising as a result of this order may file with the Alien Property Custodian a notice of his claim, together with a request for a hearing thereon, on Form APC-1, within one year from the date hereof, or within such further time as may be allowed by the Alien Property Custodian. Nothing herein contained shall be deemed to constitute an admission of the existence, validity or right to allowance of any such claim.

The terms "national" and "designated enemy country" as used herein shall have the meanings prescribed in section 10 of said Executive Order.

Executed at Washington, D. C. on January 18, 1943.

[SEAL] LEO T. CROWLEY,
Alien Property Custodian.

EXHIBIT A

RE17,393. Hair waving appliance and method. Mayer Josef (inventor). Issued 3-29-27.
RE18,202. Casting machine. Polak Josef (inventor). Issued 6-11-29.
DE85,995. Celluloid cover for a mouth harmonica. Schwarz Arnold (inventor). Issued 2-14-46.
DE107,521. Design for a pencil. Kropsch Richard (inventor); Koh I Noor Bleistiftfabrik L & C Hardtmuth (grantee). Issued 12-21-44.
DE108,751. Design for electrically lighted shoe. Micoch Augustin (inventor). Issued 3-8-45.
DE122,823. Design for a photographic enlarger. Kallusch Kamillo (inventor). Issued 10-1-47.
1,563,540. Card saving device for dobby looms. Volech Frantisek (inventor). Issued 12-1-25.
1,564,347. Driving means for the idle rolls of rolling mills. Hein Richard (inventor). Issued 12-8-25.
1,565,711. Machine for topping root crops. Cervinka Jan (inventor). Issued 12-15-25.
1,565,943. Process for the electrolysis of alkali chlorides. Klopstock Heinrich (inventor). Issued 12-15-25.

1,568,034. Steam turbine construction. Losel Franz (inventor). Issued 12-29-25.
1,572,613. High pressure steam generator. Losel Franz (inventor). Issued 2-9-26.
1,573,375. Process for manufacturing colloidal compounds of arsenic. Chwala August (inventor); Oderberger Chemische Werke A G (grantee). Issued 2-16-26.
1,573,894. Change speed gear for motor vehicles. Zima Vaclav (inventor). Issued 2-23-26.
1,574,782. Nonmagnetic steel. Becker Erich (inventor); Poldihutte (grantee). Issued 3-2-26.
1,576,181. Method of manufacturing linoleum. Dubsky Georg (inventor). Issued 3-9-26.
1,576,209. Process for preserving wood. Neubauer Hans (inventor). Issued 3-9-26.
1,577,052. Method and apparatus for comminuting solids and forming colloidal solutions. Auspitzer Otto (inventor). Issued 3-16-26.
1,577,389. Purification of sugar solutions. Urban Karel (inventor); Elbogen Seligman (grantee) Issued 3-16-26.
1,578,300. Typewriter. Vondra Karel (inventor). Issued 3-30-26.
1,578,733. Atomizer or spray nozzle. Hrdina Stefan (inventor). Issued 3-30-26.
1,579,305. Flower bowl or vase. Goldberg Carl (inventor). Issued 4-6-26.
1,579,773. Method of and means for controlling the water circulation in water tube boilers. Losel Franz (inventor). Issued 4-6-26.
1,579,828. Process for producing a preparation for treating arteriosclerosis. Mladejovsky Vladislav (inventor). Issued 4-6-26.
1,579,861. Driving mechanism for straight knitting machines. Eisenschiml Max (inventor). Issued 4-6-26.
1,580,070. Gumming apparatus. Muller Otto (inventor); Hauser Hans (grantee). Issued 4-6-26.
1,580,677. Measuring device operating by means of a continuous liquid flow. Roucka Erich (inventor). Issued 4-13-26.
1,580,678. Flow regulating & measuring device. Roucka Erich (inventor). Issued 4-13-26.
1,580,679. Remote measuring flow meter. Roucka Erich (inventor). Issued 4-13-26.
1,582,054. Lock. Konig Julius (inventor). Issued 4-27-26.
1,582,305. Hand hammer. Reichling Alois (inventor). Issued 4-27-26.
1,583,092. Free wheel coupling mechanism. Pantoflicek Theodor (inventor). Issued 5-4-26.
1,584,472. Process for the manufacture of artificial resins. Regal August (inventor). Issued 5-11-26.
1,584,473. Process for the preparation of artificial resins. Regal August (inventor). Issued 5-11-26.
1,585,027. Means for securing railway rails. Guba Ludvik (inventor). Issued 5-18-26.
1,585,170. Balanced system of control. Roucka Erich (inventor). Issued 5-18-26.
1,585,566. Alternating current centrifuge. Sindl Otto (inventor). Issued 5-18-26.
1,585,686. Fuse for projectiles. Pantofli Cek Bohdan (inventor). Issued 5-25-26.
1,586,150. Rolling machine. Hein Richard (inventor). Issued 5-25-26.
1,586,705. Fluid flow control system. Roucka Erich (inventor). Issued 6-1-26.
1,588,390. Brass and like wind musical instrument. Suchy Paul (inventor). Issued 6-8-26.
1,589,081. Adsorptive charcoal for medicinal purposes. Adler Rudolf (inventor). Issued 6-15-26.
1,589,289. Digging machine. Hejma Vaclav (inventor). Issued 6-15-26.
1,589,935. Egg holder. Branc Ladislav (inventor). Issued 6-22-26.
1,590,297. Lock. Konig Julius (inventor). Issued 6-29-26.
1,590,837. Process for preparation of cheese having an increased or supplemented vitamine content. Liebers Hugo (inventor); Hamburger & Co Gesellschaft Mit Beschrankter Haftung (grantee). Issued 6-29-26.
1,590,961. Process for the manufacture of artificial resins. Singer Rudlof (inventor); Kunstharzfabrik Regal & Co (grantee). Issued 6-29-26.
1,591,862. Box or the like. Rontgen Ernst (inventor). Issued 7-6-26.
1,595,038. Flap valve. Vencl Zdenek et al, Kubat Josef (inventors). Issued 8-3-26.
1,597,010. Process of impregnating wood. Bubla Karl (inventor). Issued 8-24-26.
1,597,103. Process of making artificial marble and product made thereby. Oberherr Hynek (inventor). Issued 8-24-26.
1,597,717. Process of subjecting wood and similar materials to a preliminary treatment for the manufacture of paper board etc. Braunlich Hubert (inventor). Issued 8-31-26.
1,597,828. System for measuring or transmitting variable conditions. Roucka Erich (inventor). Issued 8-31-26.
1,600,065. Process of making fuel briquettes. Plochmann Georg (inventor). Issued 9-14-26.
1,602,111. Sluice gate. Jermar Frantisek (inventor). Issued 10-5-26.
1,602,199. Steam power plant. Losel Franz (inventor). Issued 10-5-26.
1,603,601. Heating apparatus. Hejma Vaclav (inventor). Issued 10-19-26.
1,609,513. Searchlight supporting or suspension device. Jezbera Oldrich (inventor); Cesko Moravska Kolben Akciova Spolecnost (grantee). Issued 12-7-26.
1,611,468. Elastic fluid turbine. Losel Franz (inventor). Issued 12-21-26.
1,611,490. Process & apparatus for pressing together the edges of a tube. Semenov Ivan A (inventor). Issued 12-21-26.
1,611,534. Process & appartus for the manufacture and production of chemically pure sulphuric acid. Krafft Max (inventor. Issued 12-21-26.
1,612,696. Airscrew. Beres Rezso (inventor). Issued 12-28-26.
1,613,150. Device for testing pipes. Zore Anton (inventor). Issued 1-4-27.
1,613,430. Method of preventing the formation of crystals and the deposition of incrustations on metal surfaces. Blass Ludwig (inventor). Issued 1-4-27.
1,614,415. Automatic regulation on arc lamps. Vesely Karel et al, Lustig Karel (inventors). Issued 1-11-27.
1,614,536. Fuse for projectiles. Pantoflicek Bohdan (inventor). Issued 1-18-27.
1,614,537. Centrifugal fuse. Pantoflicek Bohdan (inventor). Issued 1-18-27.
1,614,612. Rolling mill. Hein Richard (inventor). Issued 1-18-27.
1,618,246. Warp Tensioning device for looms. Volech Frantisek (inventor). Issued 2-22-27.
1,618,596. Steam turbine. Losel Franz (inventor). Issued 2-22-27.
1,618,597. Steam turbine. Losel Franz (inventor). Issued 2-22-27.
1,618,850. Fire grate. Stohr Miroslav (inventor). Issued 2-22-27.
1,618,944. Centrifugal fuse. Pantoflicek Bohdan (inventor). Issued 2-22-27.
1,619,794. Permanent hair waving appliance. Mayer Josef (inventor). Issued 3-1-27.
1,619,990. Harness motion for looms. Simmchen Wilhelm (inventor); Ipag international Patent Exploiting Co Ltd (grantee). Issued 3-8-27.
1,620,621. Press for making briquettes. Apfelbeck Hugo (inventor). Issued 3-15-27.
1,621,280. Impulse system of control. Roucka Erich (inventor). Issued 3-15-27.
1,622,524. Drafting device. Kvasnicka Vaclav (inventor). Issued 3-29-27.
1,622,957. Hair waving appliance and method. Mayer Josef (inventor). Issued 3-29-27.
1,623,701. Feeding and discharging apparatus for machines for material treatment. Prokop Josef (inventor). Issued 4-5-27.
1,623,880. Direction indicating device especially for vehicles. Marsik Augustin (inventor). Issued 4-5-27.
1,625,263. Elastic fluid turbine. Losel Franz (inventor). Issued 4-19-27.
1,625,556. Fire grate. Lomshakoff Alexis S (inventor). Issued 4-19-27.
1,625,735. Drafting instrument. Maurer Michael (inventor). Issued 4-19-27.
1,625,741. Steel. Pattermann Otto (inventor); Poldihutte Palackeho Trida (grantee). Issued 4-19-27.
1,626,318. Method of making reenforced building elements. Wettstein Karl (inventor). Issued 4-26-27.
1,627,644. Cutting device for reaping mowing and like machines. Hejma Vaclav (inventor). Issued 5-10-27.
1,627,977. Process for the purification of burner gases and for obtaining chemically pure sulphuric acid. Krafft Max (inventor). Issued 5-10-27.
1,630,314. Automatic regulator. Roucka Erich (inventor). Issued 5-31-27.
1,630,918. Shuttle changing device for looms. Aninger Friedrich (inventor). Issued 5-31-27.
1,632,144. Thermostatic apparatus. Nemec Josef (inventor). Issued 6-14-27.
1,632,448. Stationary guide nozzle construction and assembly for turbines. Losel Franz (inventor). Issued 6-14-27.
1,632,511. Device for separating and straining liquids. Sediva Jarmila (inventor). Issued 6-14-27.
1,632,907. High pressure steam turbine and method of utilizing high pressure steam therein. Losel Franz (inventor). Issued 6-21-27.
1,633,706. X-Ray screen for taking skiagrams. Manni Rudolf (inventor). Issued 6-28-27.
1,633,713. Compound system for transmitting a plurality of values. Roucka Erich (inventor). Issued 6-28-27.
1,636,418. Motor spade. Hejma Wenzel (inventor). Issued 7-19-27.
1,636,489. Cigarette making machine. Semenov Ivan Alexandrovic (inventor). Issued 7-19-27.
1,636,677. Last. Benda Jaroslav (inventor). Issued 7-26-27.
1,637,643. Child's rocking horse. Hofmann Conrad (inventor). Issued 8-2-27.
1,638,100. Measuring system. Roucka Erich (inventor). Issued 8-9-27.
1,638,101. System of measuring by auxiliary energy. Roucka Erich (inventor). Issued 8-9-27.
1,638,102. Measuring system. Roucka Erich (inventor). Issued 8-9-27.
1,638,103. System for transmitting or measuring variable conditions. Roucka Erich (inventor). Issued 8-9-27.
1,638,104. Measuring system. Roucka Erich (inventor). Issued 8-9-27.
1,638,105. System for transmitting variable conditions. Roucka Erich (inventor). Issued 8-9-27.
1,639,422. Adjustable wire mattress. Barna Emanuel Ernst (inventor). Issued 8-16-27.
1,641,195. Measuring system. Roucka Erich (inventor). Issued 9-6-27.
1,641,196. Measuring system. Roucka Erich (inventor). Issued 9-6-27.
1,641,197. System for transmitting variable conditions. Roucka Erich (inventor). Issued 9-6-27.
1,641,198. System for transmitting variable conditions. Roucka Erich (inventor). Issued 9-6-27.
1,641,199. Recording system. Roucka Erich (inventor). Issued 9-6-27.
1,641,200. System of measuring by impulses of auxiliary energy. Roucka Erich (inventor). Issued 9-6-27.
1,642,178. Lap machine. Schorsch Ludwig (inventor). Issued 9-13-27.

1,642,249. Set of toy interfitting building blocks. Ladewig Emil (inventor); Bohmisch Mahrische Malzfabrik and Export Ges Klatscher and Lorenz (grantees). Issued 9-13-27.
1,642,652. Screen or sieve for drying purposes. Gobiet Alfred (inventor). Issued 9-13-27.
1,642,817. Resilient axle mount for motor vehicles. Ledwinka Hans (inventor). Issued 9-20-27.
1,644,576. Tool handle fastening device. Gabriel Raimund (inventor). Issued 10-4-27.
1,644,791. Plotting board. Petschenig Karl (inventor); Goerz C P Optische Anstalt A G Akciova Spolecnost K P Goerz Opticky Ustav (grantees). Issued 10-11-27.
1,645,624. Flow measuring system. Roucka Erich (inventor). Issued 10-18-27.
1,649,322. Spinning apparatus. Perutz Felix (inventor). Issued 11-15-27.
1,649,502. Method of tanning and dyeing furs and leather. Zettlitz Vincenz (inventor); Pfeifer Annie (grantee). Issued 11-15-27.
1,649,538. Means for receiving and sending directional sound rays. Maurer Max et al, Haschek Eduard (inventors); Georz C P Optische Anstalt A G, Akciora Spolecnost K P Goerz Opticky Ustav (grantees). Issued 11-15-27.
1,650,094. Automatic regulator of the rate of combustion in boiler furnaces or groups of furnaces. Roucka Erich (inventor). Issued 11-22-27.
1,651,455. Typewriter. Ihrisky Vojtech (inventor). Issued 12-6-27.
1,652,635. Percussion fuse. Pantoflicek Bohdan (inventor). Issued 12-13-27.
1,653,202. Piston slide valve. Bubla Karl (inventor). Issued 12-20-27.
1,653,959. Process for the preparation of phosphatides. Grun Adolf et al, Limpacher Richard (inventors); Schicht Georg A G (grantee). Issued 12-27-27.
1,654,947. Gearing for transmitting motion from driving members to a plurality of driven members. Sykora Vladislav (inventor). Issued 1-3-28.
1,655,063. Rolling mill with supported working rolls. Kriwan Arnold (inventor). Issued 1-3-28.
1,658,859. Process for the production of roving from cotton and similar fibrous material. Schorsch Ludwig (inventor). Issued 2-14-28.
1,658,860. Process for the manufacture of roving from cotton and similar fiber material. Schorsch Ludwig (inventor). Issued 2-14-28.
1,659,491. Cabinet. Laszlo Ladislaus (inventor). Issued 2-14-28.
1,661,086. Machine for packing boxes. Popov Vladimir (inventor). Issued 2-28-28.
1,661,265. Condensing apparatus. Olbricht Heinrich Max (inventor). Issued 3-6-28.
1,661,296. Steam turbine power plant and system. Losel Franz (inventor). Issued 3-6-28.
1,662,528. X ray screen for taking skiagrams. Manni Rudolf (inventor). Issued 3-13-28.
1,665,890. Synchronous motor specially for driving clocks. Michl Robert (inventor). Issued 4-10-28.
1,666,625. Elastic fluid multistage disk wheel turbine. Losel Franz (inventor). Issued 4-17-28.
1,666,626. Elastic fluid turbine. Losel Franz (inventor). Issued 4-17-28.
1,666,627. High pressure turbine casing or housing. Losel Franz (inventor). Issued 4-17-28.
1,666,628. Method and device for determining the expansion line of steam turbines. Losel Franz (inventor). Issued 4-17-28.
1,667,794. Device for the synchronization of alternating current machines. Michl Robert (inventor). Issued 5-1-28.
1,668,610. Cigarette making machine. Semenov Iwan Alexandrowic (inventor). Issued 5-8-28.
1,669,883. Vehicle tire. Tschochner Karl et al, Kahlhaupt Erich (inventors). Issued 5-15-28.
1,670,557. Reenforced building element. Wettstein Karl (inventor). Issued 5-22-28.
1,671,301. Device for producing oscillatory motion. Maly Josef (inventor). Issued 5-29-28.
1,672,039. Automatic draft regulator. Roucka Erich (inventor). Issued 6-5-28.
1,674,049. Steam plant in connection with turbines. Losel Franz (inventor). Issued 6-19-28.
1,676,361. Apparatus for pressing together the edges of tubes. Semenov Ivan Alexandrovic (inventor). Issued 7-10-28.
1,677,012. Combined lock and latch. Arigi Julius (inventor); Aero Tovarna Ctadel (grantee). Issued 7-10-28.
1,677,987. Evaporating apparatus. Pokorny Ermin (inventor). Issued 7-24-28.
1,678,757. Power transmission mechanism for the driving wheels of motor vehicles. Abramson Alexander (inventor). Issued 7-31-28.
1,679,186. Process for producing citric acid by means of fermentation. Szucs Josef (inventor); Montan und Industrialwerke Vormals Jon Dav Starck (grantees). Issued 7-31-28.
1,679,874. Feeding device for furnaces. Pastrnak Anton (inventor). Issued 8-7-28.
1,680,025. Turbine locomotive. Losel Franz (inventor). Issued 8-7-28.
1,681,007. Method of discharging bombs and for rendering their fuses active. Pantoflicek Bohdan (inventor). Issued 8-14-28.
1,683,765. Horizontal card system. Duspiva Vaclav (inventor). Issued 9-11-28.
1,684,681. Breech sight for ordnance and machine guns. Petschenig Karl (inventor); Goerz C P Optische Anstalt A G, Akciova Spolecnost K P Goerz Opticky Ustav (grantees). Issued 9-18-28.
1,685,004. Method for increasing the usefulness of fodder and food. Mislin Eugen (inventor); Daubek Joseph Franz, Daubek Georg (grantees). Issued 9-18-28.
1,685,717. Tuning device. Muller Leopold (inventor). Issued 9-25-28.
1,687,069. Copying device for photographic purposes. Iser Adalbert (inventor). Issued 10-9-28.
1,687,198. Aerohelicopter. Formanek Frantisek et al, Zeman Ladislav, Zeman Edmund (inventors). Issued 10-9-28.
1,688,933. Multistage disk wheel turbine. Losel Franz (inventor). Issued 10-23-28.
1,689,735. Labyrinth gland construction. Losel Franz (inventor). Issued 10-30-28.
1,691,813. Apparatus for electrically transmitting signals indicating results of observation. Karabetz Hans (inventor); Goerz C P Optische Anstalt A G, Akciova Spolecnost K P Goerz, Opticky Ustav (grantees). Issued 11-13-28.
1,692,522. Hanging sleeping tent. Till Josefine et al, Till Konrad (inventors). Issued 11-20-28.
1,692,531. Power transmission mechanism. Abramson Alexander (inventor). Issued 11-20-28.
1,692,539. Footwear. Benda Jaroslav (inventor). Issued 11-20-28.
1,695,470. Means for regulating combustion. Roucka Erich (inventor). Issued 12-18-28.
1,695,471. Automatic liquid feed regulator. Roucka Erich (inventor). Issued 12-18-28.
1,695,472. Furnace controlling apparatus. Roucka Erich (inventor). Issued 12-18-28.
1,695,975. Revolving cylinder and reciprocating piston pump. Pelich Eduard (inventor). Issued 12-18-28.
1,699,445. Opener for tins or the like containers. Polak Bohumil (inventor). Issued 1-15-29.
1,700,546. Process for the manufacture and production of 2 hydroxy 3 carboxy naphthalene and its metallic salts. Schwenk Erwin (inventor). Issued 1-29-29.
1,700,682. Box opener. Kurpiel Ladislaus (inventor). Issued 1-29-29.
1,703,778. Device for opening containers boxes tins or the like. Polak Bohumil (inventor). Issued 2-26-29.
1,704,296. Motor vehicle. Ledwinka Hans (inventor). Issued 3-5-29.
1,705,444. Support for jewelry. Fischmann Arnost (inventor); Donebauer Alfred (grantee). Issued 3-12-29.
1,708,128. Device for sharpening pencils. Friedezky Ernst (inventor); Rasier Klingenfabrik Rivo Hahn, Richter & Volkmann (grantees). Issued 4-9-29.
1,708,746. Panorama exhibiting apparatus. Von Hofe Christian (inventor); Co Goerz C P Optische Anstalt A G, Akciova Spolecnost K P Goerz, Opticky Ustav (grantees). Issued 4-9-29.
1,714,556. Comb containing sprayer. Grosser Steffi (inventor). Issued 5-28-29.
1,714,771. Sheet metal radiator. Fuchs Alois (inventor). Issued 5-28-29.
1,716,698. Hydrostatic weir shutter. Jermar Frantisek (inventor). Issued 6-11-29.
1,717,252. Lid opener for receptacles. Polak Bohumil (inventor). Issued 6-11-29.
1,717,253. Lid opener for receptacles. Polak Bohumil (inventor). Issued 6-11-29.
1,717,254. Casting machine. Polak Josef (inventor). Issued 6-11-29.
1,717,403. Cigarette packing machine. Popov Vladimir (inventor). Issued 6-18-29.
1,718,071. Range finder. Petschenig Karl (inventor); Goerz C P Optische Anstalt A G, Akciova Spolecmost K P Goerz Opticky Ustav (grantees). Issued 6-18-29.
1,718,099. Power transmission mechanism for the driving wheels of motor vehicles. Abramson Alexander (inventor). Issued 6-18-29.
1,718,882. Dyeing animal fibers. Schwenk Erwin et al, Reichner Karl, Knob Methodius (inventors); Verein Fuer Chemische und Metallurgische Produktion (grantee). Issued 6-25-29.
1,719,138. Regulating apparatus for steam condensers. Roucka Erich (inventor). Issued 7-2-29.
1,719,139. Combustion controlling apparatus. Roucka Erich (inventor). Issued 7-2-29.
1,720,282. Automatic copyholder for adding machines. Ludwig Ferdinand (inventor). Issued 7-9-29.
1,720,977. Safety device for street cars and the like. Szoke Stefan (inventor); Kralicek Jozef (grantee). Issued 7-16-29.
1,721,868. Process for the separation of phosphorus from phosphorus vapors. Mayer Max (inventor). Issued 7-23-29.
1,721,873. Process for obtaining chlorination products from hydrocarbons. Sper Ewald (inventor). Issued 7-23-29.
1,722,006. Draft apparatus for cotton pinning. Nigrin Rudolf et al, Horsak Rudolf (inventors). Issued 7-23-29.
1,722,190. Firearm. Bergmann Karel et al, Ottomansky Josef (inventors). Issued 7-23-29.
1,722,206. Vehicle axle. Gatter Willibald (inventor). Issued 7-23-29.
1,722,343. Liquid for accumulators. Schmaus Gustav (inventor). Issued 7-30-29.
1,723,186. Coffee percolator. Lamplota Hubert (inventor). Issued 8-6-29.
1,723,450. Breech loading gun. Tomiska Alois (inventor). Issued 8-6-29.
1,726,453. Portable electric lamp. Rathmann Paul (inventor); Elektrotechnische Fabrik Schmidt and Co Ges M B H (grantee). Issued 8-27-29.
1,726,630. Actuating mechanism for vibratory apparatus. Seltner Wilhelm (inventor). Issued 9-3-29.
1,727,911. Sowing machine. Schulz Josef (inventor). Issued 9-10-29.
1,728,692. Electric clock drive. Michl Robert (inventor). Issued 9-17-29.

1,730,290. Apparatus for imparting the lateral direction to guns for indirect firing. Petschenig Karl et al, Schier Johann (inventors); Goerz C P Optische Anštalt A G, Akciova Spolecnost K P Goerz Opticky Ustav (grantees). Issued 10-1-29.

1,731,860. Box with cover. Kucera Jan (inventor). Issued 10-15-29.

1,731,871. Grain husking machine. Schon Jindrich (inventor). Issued 10-15-29.

1,733,283. Electric street car motor with overhead conductor and roller gear. Stejskal Karl (inventor). Issued 10-29-29.

1,733,688. Motor vehicle. Ledwinka Han (inventor). Issued 10-29-29.

1,734,877. Device for opening containers boxes tins or the like. Polak Bohumil (inventor). Issued 11-5-29.

1,735,169. Apparatus for heating liquids in tanks. Kozeluh Jaroslav (inventor). Issued 11-12-29.

1,736,411. Steam generating installation. Losel Franz (inventor). Issued 11-19-29.

1,737,140. Process for the recovery of tin and its associated metals from alloys mechanical mixtures and ores. Bischitzky Franz (inventor). Issued 11-26-29.

1,737,311. Weir shutter. Jermar Frantisek (inventor). Issued 11-26-29.

1,740,658. Pressing iron. Kraupner Bohumil (inventor). Issued 12-24-29.

1,741,420. Electric conductor for electric machines and apparatus. Kouba Ludwig (inventor); A. G. Vormals Skodawerke in Pilsen (grantee). Issued 12-31-29.

1,741,923. Screw clamp. Dohnal Jan (inventor). Issued 12-31-29.

1,742,387. Vehicle axle. Gatter Willibald (inventor). Issued 1-7-30.

1,743,739. Blasting cartridge percussion cap detonator detonating fuse and the like. Turek Oldrich (inventor). Issued 1-14-30.

1,744,994. Sighting telescope for ordnance machine guns & the like. Von Hofe Christian, et al, Petschenig Karl, Schier Johann (inventors); Goerz C. P. Optische Anstalt A. G., Akciova Spolecnost K. P. Goerz Opticky Ustav (grantees). Issued 1-28-30.

1,745,727. Apparatus for disintegrating grinding reducing to fibers mixing or felting humid or dry materials. Sterzl Eduard (inventor). Issued 2-4-30.

1,747,546. Machine gun. Janecek Frantisek (inventor). Issued 2-18-30.

1,747,956. High tension switch for X Ray apparatus. Schvacho Stefan (inventor). Issued 2-18-30.

1,750,318. Cable support insulator. Kaiser John (inventor). Issued 3-11-30.

1,750,523. Nut locking device. Kaschtofsky Alois (inventor). Issued 3-11-30.

1,750,561. Sterilizing of water. Adler Oscar, et al., Adler Rudolf (inventors). Issued 3-11-30.

1,751,292. Combination X Ray radiator. Schvacho Stefan (inventor. Issued 3-18-30.

1,754,108. Weir shutter. Jermar Frantisek (inventor). Issued 4-8-30.

1,755,025. Socket for the combination X ray radiators. Schvacho Stefan (inventor). Issued 4-15-30.

1,755,399. Method of producing artificial marble. Kneifl Johann (inventor). Issued 4-22-30.

1,756,169. Footwear. Benda Jaroslav (inventor). Issued 4-29-30.

1,757,829. Pickling of metals. Bertleff Viktor (inventor). Issued 5-6-30.

1,757,874. Apparatus for determining the course of aircraft. Petschenig Karl (inventor); Goerz C. P. Optische Anstalt A. G., Akciova Spolecnost K. P. Goerz, Opticky Ustav (grantees). Issued 5-6-30.

1,758,746. Vehicle headlight. Kellner Anton (inventor). Issued 5-13-30.

1,758,811. Shuttle for looms. Souczek Ferdinand (inventor). Issued 5-13-30.

1,759,121. Coffee percolator. Lamplota Hubert (inventor). Issued 5-20-30.

1,759,633. Shock absorbing shackled suspension for car springs. Smogrovics Eugen (inventor). Issued 5-20-30.

1,760,215. Steam plant. Smekal Josef (inventor). Issued 5-27-30.

1,760,727. Focus water level. Von Hofe Christian (inventor); Goerz C. P. Optische Anstalt A. G., Akciova Spolecnost K. P. Goerz Optisky Ustav (grantees). Issued 5-27-30.

1,762,076. Device for opening containers such as boxes, tins or the like. Polak Bohumil (inventor). Issued 6-3-30.

1,762,102. Sound direction determining apparatus. Von Hofe Christian (inventor); Goerz C. P. Optische Anstalt A. G., Akciova Spolecnost K. P. Goerz Opticky Ustav (grantees). Issued 6-3-30.

1,762,387. Machine and process of manufacture of pottery or ceramic articles. Dengler Josef (inventor). Issued 6-10-30.

1,762,815. Manufacture of reenforced concrete. Gloeser Otto (inventor). Issued 6-10-30.

1,768,106. Device for indicating signals on railway vehicles. Beyermann Karl (inventor). Issued 6-24-30.

1,768,208. Circuit closer to indicate turns of a vehicle. Marsik Augustin (inventor); Ceskomoravska Kolben Danek Akciova Spolesnost (grantees). Issued 6-24-30.

1,768,220. Automatic starter for induction motors. Sousedik Josef (inventor). Issued 6-24-30.

1,768,314. Cleaning of filters. Folta Emanuel (inventor). Issued 6-24-30.

1,770,256. Steam accumulator plant. Smekal Josef (inventor). Issued 7-8-30.

1,770,345. Motor control system. Sousedik Josef (inventor). Issued 7-8-30.

1,771,345. Aiming telescope constructed as a breech sight. Pechan Ignaz (inventor); Czechoslovak Co. C. P. Goerz, Optische Anstalt A. G., Akciova Spolecnost K. P. Goerz Opticky Ustav (grantees). Issued 7-22-30.

1,771,518. Purification of water. Adler Oscar, et al., Adler Rudolf (inventors). Issued 7-29-30.

1,771,907. Variable stroke, pump operating mechanism. Abramson Alexander (inventor). Issued 7-29-30.

1,773,004. Mandrel for use in rolling machines. Keller Emil (inventor). Issued 8-12-30.

1,774,642. Draft excluder. Fuchs Frantisek, et al., Stepan Antonin (inventors). Issued 9-2-30.

1,776,050. Tying means for bags and the like. Szoke Stefan (inventor); Kralicek Josef (grantee). Issued 9-16-30.

1,776,329. Apparatus for massage combined with electrization. Soucek Alois (inventor); Piesen Julius (grantee). Isssued 9-23-30.

1,776,759. Loom for the manufacture of terry fabrics. Hrdina Rudolf (inventor). Issued 9-23-30.

1,777,975. Method of making molds. Klepsch Wilhelm (inventor). Issued 10-7-30.

1,779,001. Process for the production of citric acid by fermentation. Kanhauser Franz (inventor); Montan und Industrial Werke, Vormals Joh Dav Starck (grantees). Issued 10-21-30.

1,779,896. Screw composed of several parts. Winter Alois (inventor). Issued 10-28-30.

1,780,039. Tripod head. Pechan Ignaz (inventor); Czechoslovak Co. The C. P. Goerz, Optische Anstalt A G Akciova Spolecnost K. P. Goerz Opticky Ustav (grantees). Issued 10-28-30.

1,781,080. Cable grip. Ring Josef (inventor). Issued 11-11-30.

1,783,833. Nonslip device for use with skis. Elsner Alois (inventor). Issued 12-2-30.

1,784,170. Fuel pump for internal combustion engines. Benes Josef (inventor). Issued 12-9-30.

1,785,467. Pleasure sled or sleigh. Wels Franz (inventor); Kronig Christian (grantee). Issued 12-16-30.

1,786,536. Firing mechanism for automatic firearms. Holek Emanuel (inventor); Ceskoslovenska Zbrojovka Akciova Spolecnost V Brne (grantees). Issued 12-30-30.

1,786,537. Apparatus for filling magazines for self loading firearms. Holek Vaclav (inventor); Ceskoslovenska Zbrojovka Akciova, Spolecnost V Brne (grantees). Issued 12-30-30.

1,787,195. Circular saw machine. Gopold Hubert (inventor). Issued 12-30-30.

1,787,395. Method for bleaching cellulose of any kind. Rys Ladislav (inventor). Issued 12-30-30.

1,787,661. Cornicle winding machine. Bloch Hugo (inventor). Issued 1-6-31.

1,789,623. Cycle airplane. Franz Johann (inventor). Issued 1-20-31.

1,790,035. Propelling screw for motor sleighs. Wels Franz (inventor); Keonig Christian (grantee). Issued 1-27-31.

1,790,934. Apparatus for finger gymnastics. Lobosicky Karel (inventor). Issued 2-3-31.

1,791,382. Anchored support for mining tools. Schafer Aladar (inventor). Issued 2-3-31.

1,792,017. Pivoted window. Krausz Armin (inventor). Issued 2-10-31.

1,794,578. High draft system for spinning machines. Broch Friedrich (inventor); Tannwalder Baumwoll Spinnfabrik (grantee). Issued 3-3-31.

1,794,853. Apparatus for directing X-rays. Herrnheiser Gustav (inventor). Issued 3-3-31.

1,795,515. Coke oven door. Schwarz Heinrich (inventor). Issued 3-10-31.

1,799,187. Necklace. Wander Heinrich (inventor). Issued 4-7-31.

1,799,981. Firearm. Holek Emanuel (inventor); Ceskoslovenska Zbrojovka Akciova Spolecnost V Brne (grantees). Issued 4-7-31.

1,800,847. Furniture. Schwarz Constantine P (inventor). Issued 4-14-31.

1,802,633. Apparatus for depositing lump and granular material. Doblhoff Otto (inventor). Issued 4-28-31.

1,802,816. Gas pressure regulating device for firearms. Holek Emanuel (inventor); Ceskoslovenska Firm Zbrojovka Akciova Spolecnost V Brne (grantees). Issued 4-28-31.

1,804,696. Dam construction. Kracmer Joseph (inventor). Issued 5-12-31.

1,805,749. Rowing device. Zoglauer Ferdinand (inventor). Issued 5-19-31.

1,806,260. Process for the production of solid alcoholic iodine solutions in pencil form as a substitute for tincture of iodine. Jungmann Karl, Kolbert Oswald et al (inventors). Issued 5-19-31.

1,807,417. Container. Lechner Leopold (inventor). Issued 5-26-31.

1,808,943. Insoles for boots and the like. Benda Jaroslav (inventor). Issued 6-9-31.

1,809,336. Brick kiln for burning of bricks and similar articles. Habla Alois (inventor). Issued 6-9-31.

1,809,469. Driving mechanism for rotating shafts at variable speed. Broch Friedrich (inventor); Tannwalder Baumwoll Spinnfabrik (grantee). Issued 6-9-31.

1,809,792. Device for cutting vegetables. Pokorny Ermin, Nesmerak Josef et al (inventors). Issued 6-9-31.

1,812,252. Dirigible sled or sleigh. Wels Franz (inventor); Kronig Christian (grantee). Issued 6-30-31.

1,813,830. Calculating machine. Weiner Bernhard (inventor). Issued 7-7-31.

1,815,115. Heating insulation. Pfeiffer Wilhelm (inventor); Reiss Kurt (grantee). Issued 7-21-31.

1,816,025. Liquid feeding apparatus. Sablik Ignaz (inventor). Issued 7-28-31.

1,817,827. Lighting plant for air port landing places. Kolar Vaclav (inventor); Ceskomoravska Kolben Danek Co Ltd (grantee). Issued 8-4-31.

1,818,866. Apparatus for polishing grain. Prokop Josepf (inventor). Issued 8-11-31.
1,819,015. Liquid fuel pump for internal combustion engines. Benes Josef (inventor). Issued 8-18-31.
1,819,064. Operation of blast furnaces. Baumgartner Ernst (inventor). Issued 8-18-31.
1,820,157. Transparent flag. Prochazka Vaclav (inventor). Issued 8-25-31.
1,820,619. Process of and arrangement for performing mechanical work. Hubl Franz (inventor). Issued 8-25-31.
1,821,385. Charging device for firearms. Holek Emanuel (inventor); Ceskoslovenska Zbrojovka, Akciova Spolecnost V Brne (grantees). Issued 9-1-31.
1,821,736. Joint connection of the rods in structure girders and the like. Bohac Karel (inventor). Issued 9-1-31.
1,822,223. Construction of ships, boats, and the like. Klinger Johann Rudolf (inventor). Issued 9-8-31.
1,823,022. Bullet for practice cartridges. Blechta Frantisek (inventor). Issued 9-15-31.
1,823,762. Electric reflector lamp. Rathmann Paul (inventor); Elektrotechnische Fabrik Schmidt and Co G m b H (grantees). Issued 9-15-31.
1,823,763. Electric reflector lamp. Rathmann Paul (inventor); Elektrotechnische Fabrik Schmidt and Co G m b H (grantees). Issued 9-15-31.
1,823,862. Device for attaching saving means to sunken submarines. Novotny Johann (inventor). Issued 9-15-31.
1,824,848. Blasting cartridge percussion cap detonator detonating fuse and the like. Turek Oldrich (inventor). Issued 9-29-31.
1,828,511. Method of producing cellulose. Sogerfelt Bror Natanael (inventor). Issued 10-20-31.
1,829,113. Display apparatus. Schreiber August (inventor). Issued 10-27-31.
1,829,614. Vertical and horizontal angle measurer. Schier Johann (inventor); Goerz C P Optische Anstalt A G Akciova Spolecnost K P Goerz Opticky Ustav (grantees). Issued 10-27-31.
1,831,699. Liquid fuel pump for internal combustion engines. Benes Josef (inventor). Issued 11-10-31.
1,832,369. Illuminated advertising device. Engel Josef (inventor). Issued 11-17-31.
1,833,678. High voltage oil switch. Houst Franz (inventor). Issued 11-24-31.
1,834,297. Garage. Vojacek Jan (inventor). Issued 12-1-31.
1,835,088. Fuel feed controlling mechanism. Roucka Erich (inventor). Issued 12-8-31.
1,835,089. Apparatus for controlling fuel feed in furnaces. Roucka Erich (inventor). Issued 12-8-31.
1,835,090. Automatic fuel feeding apparatus. Roucka Erich (inventor). Issued 12-8-31.
1,835,091. Boiler. Roucka Erich (inventor). Issued 12-8-31.
1,835,211. Process and apparatus for knotting pile threads in manufacturing carpets. Eibuschitz Rudolf et al, Schreiber Hubert (inventors). Issued 12-8-31.
1,837,920. Telescope. Pechan Ignaz et al, Schier Johann (inventors); A G C P Goerz Optische Anstalt, Actiova Spolecnost K P Goerz, Opticky Ustav (grantees). Issued 12-22-31.
1,840,413. Method of producing high grade cellulose from wood straw grasses and other vegetal materials. Schmidt Ernst (inventor). Issued 1-12-32.
1,840,473. Alternating current commutator motor. Sousedik Josef (inventor). Issued 1-12-32.
1,843,783. Process for the impregnation or incrustation of hydrolyzed fibrous materials. Regal August (inventor). Issued 2-2-32.
1,845,099. Aviator's garment. Popelakova Marie, Born Burianova (inventor). Issued 2-16-32.
1,846,115. Aeroplane with vertically oscillatable wings. Kern Heinrich (inventor). Issued 2-23-32.
1,848,655. Vacuum thermoelectric battery. Petrik Josef (inventor). Issued 3-8-32.
1,849,506. Focusing device for electric lamps. Rathmann Paul (inventor); Elektrotechnische Fabrik Schmidt Co. G M B H (grantees). Issued 3-15-32.
1,853,734. Electric transmitter for transmitting values of angles. Lang Rudolf (inventor); A G C P Goerz Optische Anstalt, Actiova Spolecnost K P Goerz Opticky Ustav (grantees). Issued 4-12-32.
1,854,428. Method of removing malodorous gases formed in the sulphate and soda pulp manufacture. Segerfelt Bror Natanael (inventor). Issued 4-19-32.
1,854,974. Silencer. Bernat Samuel (inventor). Issued 4-19-32.
1,856,884. Means for the automatic weighing of goods of different kinds. Popov Vladimir Dmitrijevic (inventor). Issued 5-3-32.
1,857,016. Centrifugal force fluid pressure clutch. Gotz Frantisek (inventor). Issued 5-3-32.
1,857,017. Transmission mechanism. Gotz Frantisek (inventor). Issued 5-3-32.
1,857,887. Water separator. Stein Frantisek (inventor). Issued 5-10-32.
1,862,362. Device for starting auxiliary engines for locomotives. Hladik Ladislav (inventor); Limited Co., formerly the Skoda Works (grantee). Issued 6-7-32.
1,864,073. Production of bactericide surfaces. Kohn Kamill et al, Gruschka Theodor (inventors). Issued 6-21-32.
1,865,344. Apparatus for rolling seamless pipes. Urban Rudolf (inventor). Issued 6-28-32.
1,866,266. Hydraulic change speed mechanism. Nettel Jiri (inventor). Issued 7-5-32.
1,866,656. Motor vehicle driving device. Ledwinka Hans (inventor). Issued 7-12-32.
1,868,858. Process for the homogenization of glass flux. Thum Rudolf (inventor); Montan und Industrialwerke Vormals Joh Dav Starck (grantee). Issued 7-26-32.
1,869,417. Range finder. Grunberg Otto (inventor); A G C P Goerz Optische Anstalt, Actiova Spolecnost K P Goerz Opticky Ustav (grantees). Issued 8-2-32.
1,869,502. Apparatus for mechanically solving rectangular triangles. Petschenig Karl (inventor); A G C P Goerz Optische Anstalt, Akciova Spolecnost K P Goerz Opticky Ustav (grantees). Issued 8-2-32.
1,869,505. Sound location device. Raaber Hans et al, Petschenig Karl, Pechan Ignaz, Eichwalder Ernst (inventors); A G C P Goerz Optische Anstalt, Actiova Spolecnost K P Goerz Opticky Ustav (grantees). Issued 8-2-32.
1,869,530. Range finder with an invariable direction of the optical axis of the eyepiece. Von Hofe Christian et al, Schier Johann (inventors); A G C P Goerz Optische Anstalt, Actiova Spolecnost K P Goerz Opticky Ustav (grantees). Issued 8-2-32.
1,869,643. Purification of water. Adler Oscar et al, Adler Rudolf (inventors). Issued 8-2-32.
1,869,922. Luminous signaling device. Soucek George (inventor). Issued 8-2-32.
1,871,389. Electric pocket or hand lamp. Rathmann Paul (inventor); Elektrotechnische Fabrik Schmidt & Co. G M B H (grantees). Issued 8-9-32
1,873,178. Sign holder. Bernstein Emil (inventor). Issued 8-23-32.
1,873,410. Filter insertion. Horak Vaclav (inventor). Issued 8-23-32.
1,876,467. Alloy. Novak Josef et al, Kesselring Roman (inventors). Issued 9-6-32.
1,878,583. Gas chamber for oil switches. Houst Franz (inventor). Issued 9-20-32.
1,878,749. Valve. Abramson Alexander (inventor). Issued 9-20-32.
1,880,138. Arrangement for performing mechanical works. Hubl Franz (inventor). Issued 9-27-32.
1,885,787. Motor sled. Weisser Richard Josef (inventor). Issued 11-1-32.
1,885,881. Safety frame for airplanes. Wolf Gabriel (inventor). Issued 11-1-32.
1,885,882. Hanging chassis. Wolf Gabriel (inventor). Issued 11-1-32.
1,887,265. Weir shutter. Jermar Frantisek (inventor). Issued 11-8-32.
1,887,733. Powdery material feed apparatus. Sablik Ignaz (inventor). Issued 11-15-32.
1,889,151. Aiming telescope. Pechan Ignatz et al, Schier Johann (inventors); A G C P Goerz Optische Anstalt, Actiova Spolecnost K P Goerz Opticky Ustav (grantees). Issued 11-29-32.
1,889,615. Waste combing machine express card. Schorsch Ludwig (inventor). Issued 11-29-32.
1,890,548. Prealloys. Novak Josef et al, Kesselring Roman (inventors). Issued 12-13-32.
1,890,595. Acid proof alloys. Valenta Emanuel (inventor); Firm Ltd Co Formerly Skoda Works (grantee). Issued 12-13-32.
1,891,332. Rontgen diaphragm. Mannl Rudolf (inventor). Issued 12-20-32.
1,891,845. Folding kaiser roll. Spitz Max et al, Srovnal Josef (inventors); Spitz Max (grantee). Issued 12-20-32.
1,892,905. Control means for fare indicators. Rosenberg Edmund (inventor). Issued 1-3-33.
1,894,749. Gamma ferric oxide hydrate and method of making same. Baudisch Oskar (inventor). Issued 1-17-33.
1,894,750. Gamma Ferric Oxide and method of making same. Baudisch Oskar (inventor). Issued 1-17-33.
1,894,899. Method and apparatus for machining rolls such as pilger rolls and the like. Tschochner Hermann (inventor). Issued 1-17-33.
1,895,883. Riveting machine. Hlava Alois (inventor). Issued 1-31-33.
1,896,454. Braking device. Marek Anton (inventor); Ceskoslovenska Zbrojovka Akciova Spolecnost v Brne (grantee). Issued 2-7-33.
1,897,974. Interchangeable rubber tire. Wolf Gabriel (inventor). Issued 2-14-33.
1,899,199. Electrical rat exterminator. Kaiser John (inventor). Issued 2-28-33.
1,899,760. Changeant or opalescent glass. Kreidl Norbert (inventor); Glashuttenwerke Firm Vorm J Schreiber & Neffen (grantee). Issued 2-28-33.
1,901,336. Measuring arrangement for measurement of ratio of transformation and phase angles of voltage and current transformers. Slavik Josef (inventor). Issued 3-14-33.
1,901,942. Device for turning piston rings. Abramson Alexander (inventor). Issued 3-21-33.
1,902,366. Escapement & pendulum mechanism. Jaissle Gottlob (inventor); Uhrenfabrik J Kienzle (grantee). Issued 3-21-33.
1,902,387. Box shaped water level. Von Hofe Christian et al, Schier Johann (inventors); A G C P Goerz Optische Anstalt Actiova Spolecnost K P Goerz Opticky Ustav (grantees). Issued 3-21-33.
1,902,727. Apparatus for determining the position of aircraft not visible with the naked eye. Schier Johann et al, Petschenig Karl, Peinl Anton (inventors); Optische Anstalt C P Goerz A G Akciova Spolecnost K P Goerz Opticky Ustav (grantees). Issued 3-21-33.
1,903,563. Parachute. Hojda Henry (inventor). Issued 4-11-33.
1,903,886. Apparatus for determining the speed of flight of aircraft. Von Hofe Christian et al, Boykow Johann (inventors); A G C P Goerz Optische Anstalt Actiova Spolecnost K P Goerz Opticky Ustav (grantee). Issued 4-18-33.

1,903,889. Process for purifying and sterilizing water. Adler Rudolf (inventor). Issued 4-18-33.
1,904,802. Apparatus for machining rolls for rolling mills and the like. Schimmel Hans (inventor). Issued 4-18-33.
1,904,803. Automatic lubricating device. Schmied Franz (inventor). Issued 4-18-33.
1,905,594. Power driven vehicle. Ledwinka Hans (inventor). Issued 4-25-33.
1,906,595. Riveting apparatus. Hlava Alois (inventor); Ltd Co Formerly Skoda Works (grantee). Issued 5-2-33.
1,906,800. Automatic firearm. Marek Anton (inventor); Ceskoslovenska Zbrojovka Akciova Spolecnost v Brne (grantee). Issued 5-2-33.
1,906,930. Electrically driven automobile vehicle. Ledwinka Hans (inventor). Issued 5-2-33.
1,907,408. Tool carrier for boring and similar machines. Schimmel Hans (inventor). Issued 5-2-33.
1,908,747. Method of manufacturing differently colored marbled veined or streaky sponge rubber. Girg Franz (inventor); Gummi und Balatawerke Matador A G (grantee). Issued 5-16-33.
1,909,225. Apparatus for machining rolls for rolling mills. Schimmel Hans (inventor). Issued 5-16-33.
1,909,226. Method of and apparatus for machining rolls for rolling mills. Schimmel Hans (inventor). Issued 5-16-33.
1,910,308. Apparatus for machining rolls for rolling mills and the like. Schimmel Hans (inventor). Issued 5-23-33.
1,913,294. Method of producing nonalcoholic fruit juices. Schicht Heinrich (inventor). Issued 6-6-33.
1,913,572. Portable tent. Thonet Drechsel Hugo (inventor). Issued 6-13-33.
1,913,793. Aiming telescope. Clementi Antonio et al, Pechan Ignaz (inventors); A G C P Goerz Optische Anstalt Actiova Spolecnost K P Goerz Opticky Ustav (grantee). Issued 6-13-33.
1,917,055. Hydraulic servo motor. Oplusstil Gustav (inventor); Storek Ignaz Firm (grantee). Issued 7-4-33.
1,917,887. Oil switch with rotatable contact bridge. Houst Franz (inventor). Issued 7-11-33.
1,918,138. Apparatus for machining rolls for rolling mills and the like. Schimmel Hans (inventor). Issued 7-11-33.
1,918,139. Method and apparatus for machining rolls for rolling mills. Schimmel Hans (inventor). Issued 7-11-33.
1,919,585. Method of securing synchronism in sound films. Degl Karel (inventor). Issued 7-25-33.
1,919,870. Transmission gear. Wassilieff Viktor et al De Witt Alexei (inventors). Issued 7-25-33.
1,920,959. Apparatus for adjusting aircraft for a predetermined course. Clementi Antonio (inventor); A G C P Goerz Optische Anstalt Actiova Spolecnost K P Goerz Opticky Ustav (grantee). Issued 8-8-33.
1,921,355. Device for the manufacturing of knotted carpets and the like. Goretzky Johann (inventor). Issued 8-8-33.
1,921,750. Centrifugal separator for straining pulpy material such as wood pulp cellulose paper pulp and the like. Heinrich Richard et al, Zipprian Hans (inventors); Nebrich Carl (grantee). Issued 8-8-33.
1,926,816. Automatic gun. Podrabsky Antonin (inventor); Cezkoslovenska Zbrojovka Akciova Spolecnost v Brne (grantee). Issued 9-12-33.
1,926,914. Conveying device. Popov Vladimir Dmitrijevic (inventor). Issued 9-12-33.
1,926,985. Multistamping machine. Podrabsky Antonin (inventor); Cezkoslovenska Zbrojovka Akciova Spolecnost V Brne (grantee). Issued 9-12-33.
1,927,459. Production and reactivation of active charcoal. Krczil Franz (inventor). Issued 9-19-33.
1,928,741. Rolling mill of the pilgrim step type for the manufacture of metallic tubes. Tschulenk Leopold (inventor). Issued 10-3-33.
1,928,982. Nut lock. Rosenbaum Bedrich (inventor); Prager Eisen Industrie Ges (grantee). Issued 10-3-33.
1,929,951. Toilet Appliance. Laufer Franz (inventor). Issued 10-10-33.
1,935,859. Orthopedic appliance. Putz Oskar (inventor). Issued 11-21-33.
1,937,211. Automatic clutch for motor vehicles and the like. Vondra Karel (inventor). Issued 11-28-33.
1,938,520. Grinding wheel. Drapak Karel (inventor). Issued 12-5-33.
1,939,524. Rolling mill. Schimmel Hans (inventor). Issued 12-12-33.
1,939,526. Apparatus for expanding metal tubes. Steinecke Adolf (inventor). Issued 12-12-33.
1,942,536. Apparatus for determining the speed and direction of movement of aircraft and of moving targets. Clementi Antonio (inventor); A G C P Goerz Optische Anstalt Actiova Spolecnost K P Goerz Opticky Ustav (grantee). Issued 1-9-34.
1,942,557. Agricultural implement. Landa Karl (inventor). Issued 1-9-34.
1,943,229. Apparatus for mechanically determining the algebraic sum of angles of rotation and of angular speeds of shafts and for transmitting such sums to other apparatus. Petschenig Karl (inventor); A G C P Goerz Optische Anstalt Actiova Spolecnost K P Goerz Opticky Ustav (grantee). Issued 1-9-34.
1,944,012. Oil pressure actuated switch. Lekner Adolf (inventor). Issued 1-16-34.
1,947,656. Ledeburitic preliminary iron alloy free from graphite. Novak Josef et al, Kesselring Roman (inventors). Issued 2-20-34.
1,947,781. Process for producing colored coatings of glass. Kreidl Norbert (inventor). Issued 2-20-34.
1,950,323. Loom. Ornstein Ernst (inventor). Issued 3-6-34.
1,951,080. Cock grinding machine. Bartos Joseph (inventor); Bartos J & Co (grantee). Issued 3-13-34.
1,951,566. Universal induction regulator. Sousedik Josef (inventor). Issued 3-20-34.
1,953,442. Lifting and turning device. Sorescu Sabin et al, Donath Maximilian, Trauschka Hugo (inventors). Issued 4-3-34.
1,954,012. Manufacture of cellulose and the like. Lemberger Antonin et al, Lemberger Lubomir (inventors). Issued 4-10-34.
1,954,909. Processes for the producing of molecular compounds of the salts of phenyl quinoline carboxylic acids with alkylated prazolones and alkylated amino prazolones. Adler Oscar et al, Adler Rudolf (inventors). Issued 4-17-34.
1,956,810. Device for machining and trimming the side faces of weaving shuttles or the like. Ruckert Josef (inventor). Issued 5-1-34.
1,960,022. Chair. Melder Hugo (inventor). Issued 5-22-34.
1,960,160. Wall and partition. Lousa Antonin (inventor). Issued 5-22-34.
1,960,414. Control device for motor vehicles. Kacer Bohuslav et al, Nohel Max (inventors). Issued 5-29-34.
1,960,913. Self loading firearm. Marek Anton (inventor); Ceskoslovenska Zbrojovka Akciova Spolecnost V Brne (grantee). Issued 5-29-34.
1,963,905. Rolling mill. Huber Karl (inventor). Issued 6-19-34.
1,964,620. Apparatus for preparing combustible mixture. Cernoch Josef (inventor). Issued 6-26-34.
1,965,089. Apparatus for storing and transfusing ignitible liquids. Weingessel Alois (inventor). Issued 7-3-34.
1,965,498. Fuel feed device. Kletetschka Leo (inventor). Issued 7-3-34.
1,965,513. Process for improving coal material. Ruzicka Apollo (inventor). Issued 7-3-34.
1,967,339. Hair waving device. Vacek Josef (inventor). Issued 7-24-34.
1,968,127. Bomb sight. Clementi Antonio (inventor); A G C P Goerz Optische Anstalt Actiova Spolecnost K P Goerz Opticky Ustav (grantee). Issued 7-31-34.
1,970,187. Method of chain looping skeins of rubber thread and warps of rubber thread. Popper Alfred (inventor); Optimit Gumove a Textilni Zavody Akciova Spolecnost (grantee). Issued 8-14-34.
1,974,334. Process of coloring silver images. Kaufhold Robert; Koh I Noor Bleistiftfabrik L & C Hardtmuth (grantee). Issued 9-18-34.
1,975,034. Apparatus for the manufacture of footwear. Bata Jan A (inventor). Issued 9-25-34.
1,975,035. Apparatus for the manufacture of footwear. Bata Jan A (inventor). Issued 9-25-34.
1,975,397. Process for the manufacture of changeant or opalescent glass. Kriedl Norbert (inventor); Glashuttenwerke Vorm J Schreiber & Neffen (grantee). Issued 10-2-34.
1,975,532. Apparatus for the manufacture of footwear. Bata Jan A (inventor). Issued 5-16-34.
1,976,179. Adjusting device for X ray tubes. Manni Rudolf (inventor). Issued 10-9-34.
1,978,612. Liquid tight stator winding for a submersible electric motor. Surjaninoff Michael (inventor); Sigmund Pumpen Bruder Sigmund (grantee). Issued 10-30-34.
1,981,181. Auxiliary engine for steam driven locomotives. Langner Rudolf et al, Hladik Ladislav (inventors). Issued 11-20-34.
1,981,190. Heating apparatus. Pfeiffer Wilhelm (inventor); Reiss Kurt (grantee). Issued 11-20-34.
1,981,805. Driving mechanism. Kacer Bohuslav et al, Nohel Max (inventors). Issued 11-20-34.
1,984,599. Educational device. Safar Josef (inventor). Issued 12-18-34.
1,984,808. Method of conveying cigarettes through cigarette packing machines. Popov Vladimir Dmitrijevic (inventor). Issued 12-18-34.
1,986,706. Labyrinth packing. Beyer Wilhelm (inventor). Issued 1-1-35.
1,988,055. Roller Skate. Stein Siegfried (inventor). Issued 1-15-35.
1,989,512. Process for the utilization of sludge acid. Glaser Willy (inventor). Issued 1-29-35.
1,992,115. Safeguarding of superheaters. Belohlavek Bruno (inventor). Issued 2-19-35.
1,992,562. Front feed device for bookkeeping machines. Zlabek Karel (inventor). Issued 2-26-35.
1,992,801. Can opener. Hacklander Maximilian (inventor); Grodetzky & Polak, Lerk Felix Georg (grantees). Issued 2-26-35.
1,992,872. Stereoscopic apparatus. Mahler Josef (inventor). Issued 2-26-35.
1,994,314. Hydrostatic weir. Jermar Frantisek (inventor). Issued 3-12-35.
1,996,689. Method of and apparatus for manufacturing ropes from noncircular wires. Rohs Adolf (inventor). Issued 4-2-35.
1,997,496. Propelling pencil. Nagy Nandor (inventor); Koh I Noor Bleistiftfabrik L & C Hardtmuth (grantees). Issued 4-9-35.
1,998,904. Apparatus for producing boxes or bags. Popov Vladimir Dmitrijevic (inventor). Issued 4-23-35.
1,999,304. Cigarette or cigar case. Schowanek Hans (inventor). Issued 4-30-35.
2,001,434. Safety closure for letters. Schulze Albert (inventor). Issued 5-14-35.
2,002,130. Fluoranthene dyestuff and process of making same. Sedlmayr Robert et al, Kruta Eerich (inventors). Issued 5-21-35.

2,004,164. Means for producing containers. Hofmann Otto (inventor). Issued 6-11-35.
2,005,406. Suction filter. Zimmer Heinrich (inventor). Issued 6-18-35.
2,005,646. Boiler plant. Brunzel Norbert (inventor). Issued 6-18-35.
2,006,389. Apparatus for coiling compound torsion springs. Fuchs Friedrich (inventor). Issued 7-2-35.
2,007,411. Method of coloring sheeted asbestos cement composition material & the like. Sticha Karel (inventor). Issued 7-9-35.
2,007,424. Process for removing colloidal substances from liquids of vegetable or animal origin. Dedek Jaroslav et al, Vasatko Josef (inventors). Issued 7-9-35.
2,007,429. Process for making neutral calcium hypochlorite which can be satisfactorily filtered. Klopstock Heinrich et al, Wurbs Alfred (inventors). Issued 7-9-35.
2,007,670. Swinging half axle for vehicles. Zubaty Joseph (inventor). Issued 7-9-35.
2,008,339. Manufacture and joining of articles of concrete and the like. Ruml Bohuslav (inventor). Issued 7-16-35.
2,008,449. Device for draining water from auxiliary engines of locomotives. Hladik Ladislav (inventor); Ltd Co. formerly the Skoda Works (grantee). Issued 7-16-35.
2,011,834. Electrical change speed gear. Sousedik Josef (inventor). Issued 8-20-35.
2,012,204. Can opener. Polak Bohumil (inventor); Grodetzky & Polak (grantee). Issued 8-20-35.
2,014,045. Salts of bromine substituted unsaturated fatty acids and process of preparing same. Hermann Siegwart (inventor). Issued 9-10-35.
2,015,182. Controlling device for the drainage of the steam cylinder in an auxiliary plant of a locomotive. Hladik Ladislav (inventor); Ltd Co. formerly Skoda Works (grantee). Issued 9-24-35.
2,017,173. Fastening for packages. Wollner Michl et al, Weber Franz (inventors); Firma Moldaumuhl Bruder Porak Papier und Pappenfabriken A G (grantee). Issued 10-15-35.
2,018,287. Variable speed three phase motor with variable torque. Sousedik Josef (inventor). Issued 10-22-35.
2,020,758. Combined brake and throttle control mechanism. Abramson Alexander et al, Novak Pavel (inventors). Issued 11-12-35.
2,022,987. Steering means. Sustersic Ferdinand (inventor). Issued 12-3-35.
2,023,359. Whey preparation. Sirek Josef (inventor). Issued 12-3-35.
2,023,744. Can opener. Polak Bohumil (inventor); Grodetzky & Polak (grantee). Issued 12-10-35.
2,026,360. Traveling case. Reismann David (inventor). Issued 12-31-35.
2,027,682. Process for making transparent films foils or skins. Eichmann Friedrich et al, Nerad Herbert (inventors). Issued 1-14-36.
2,027,776. Weaving loom. Hrdina Rudolf (inventor). Issued 1-14-36.
2,028,683. Multiple unit control system. Montrose Oster Louis Eugene Widolt (inventor). Issued 1-21-36.
2,033,027. Steel dam. Fultner Jaroslav et al, Krivoshein Gregory Gregorjevitch, Sekla Josef (inventors). Issued 3-3-36.
2,033,696. Process for making blanc fixe of particular softness. Englert Otto et al, Becker Wilhelm, Becker Franz (inventors). Issued 3-10-36.
2,034,444. Tennis racket with pneumatic tightener. Rauch Antonin et al, Smolik Vaclav (inventors). Issued 3-17-36.
2,036,448. Piston. Valasek Adolf et al, Valenta Emanuel (inventors); Ltd Co formerly the Skoda Works (grantee). Issued 4-7-36.
2,037,683. Cap. Hasenberg Franz (inventor). Issued 4-14-36.
2,038,248. Refillable pencil. Steuer Stefan (inventor). Koh I Noor Bleistiftfabrik L & C Hardtmuth (grantees). Issued 4-21-36.
2,039,082. Preparation for protecting and sealing wounds and method of manufacturing the same. Jungmann Karl (inventor). Issued 4-28-36.
2,039,401. Automatic sealing device. Foges Georg (inventor). Issued 5-5-36.
2,040,931. Method for producing activated carbon. Fuchs Walter (inventor). Issued 5-19-36.
2,041,584. Process for the purification of water. Adler Martha (inventor). Issued 5-19-36.
2,042,622. Guide wheel for vehicles. Montrose Oster Louis Eugene Widolt (inventor). Issued 6-2-36.
2,042,623. Pivoted wheel for vehicles. Montrose Oster Louis Eugene Widolt (inventor). Issued 6-2-36.
2,044,402. Production of shuttles. Ruckert Josef (inventor). Issued 6-16-36.
2,044,413. Transmitter and receiver for electromagnetic waves. Weyrich Rudolf (inventor). Issued 6-16-36.
2,044,930. Synchronized driving mechanism. Zubaty Joseph (inventor). Issued 6-23-36.
2,049,012. Apparatus for the production of etched copper printing cylinders. Kindermann Hermann (inventor). Issued 7-28-36.
2,052,252. Printing and furnishing system. Sattler Alexander (inventor). Issued 8-25-36.
2,052,737. Fuel feed mechanism for internal combustion engines. Zubaty Joseph (inventor). Issued 9-1-36.
2,052,845. Bomb releasing guide. Raaber Hans (inventor); A G C P Goerz Optische Anstalt, Actiova Spolecnost K P Goerz Opticky Ustav (grantees). Issued 9-1-36.
2,053,737. Calculating apparatus. Petschenig Karl (inventor); A G C P Goerz Optische Anstalt, Actiova Spolecnost K P Goerz Opticky Ustav (grantees). Issued 9-8-36.
2,054,391. Multiple cylinder web drier. Schmidt Ernst (inventor). Issued 9-15-36.
2,055,331. Coal dust furnace. Bredtschneider Walter (inventor). Issued 9-22-36.
2,055,574. Insole. Hartl Hans (inventor); Muller Josef (grantee). Issued 9-29-36.
2,057,840. Fire extinguisher. Neumann Josef (inventor). Issued 10-20-36.
2,057,906. Artificial skating rink. Murmann Ernst (inventor); Prell Christian (grantee). Issued 10-20-36.
2,058,897. Gas pressure operated gun. Marek Anton (inventor); Ceskoslovenska Zbrojovka, Akciova Spolecnost V Brne (grantees). Issued 10-27-36.
2,061,105. Method and device for reenforcing articles and structures made from concrete and the like. Ruml Bohuslav (inventor). Issued 11-17-36.
2,061,208. Can opener. Polak Bohumil (inventor); Grodetzky and Polak (grantees). Issued 11-17-36.
2,061,257. Rotary drum filter. Sablik Ignaz (inventor). Issued 11-17-36.
2,062,083. Machine for pulling shoes off the last. Bata Jan A (inventor). Issued 11-24-36.
2,062,945. Machine for the wet treatment of materials. Sochor Zdenek (inventor). Issued 12-1-36.
2,063,395. Sand discharging apparatus for vehicles. Montrose Oster Louis Eugene Widolt (inventor). Issued 12-8-36.
2,064,246. Tube system for heat exchange. Dmitrevskij Petr et al, Astrov Dimitrij (inventors). Issued 12-15-36.
2,064,380. Motor vehicle body. Ledwinka Hans (inventor). Issued 12-15-36.
2,064,599. Method of and apparatus for guiding aircraft in landing. Foges Georg (inventor). Issued 12-15-36.
2,065,224. Frictional and positive clutch mechanism. Hladik Ladislav (inventor); Ltd Co, formerly the Skoda Works (grantee). 12-22-36.
2,065,334. Carburetor. Koppe Georg (inventor). Issued 12-22-36.
2,066,884. Mechanisms for the calculation of functions with several variables. Harlas Jiri (inventor). Issued 1-5-37.
2,067,292. Internal combustion engine. Sitar Miroslav (inventor). Issued 1-12-37.
2,067,848. Semiautomatic transmission case for automobiles. Hnizdo Frantisek et al, Obermajer Vladimir (inventors). Issued 1-12-37.
2,068,195. Hair slide. Polak Bohumil (inventor); Grodetzky & Polak (grantees). Issued 1-19-37.
2,072,748. Process of making baker yeast from beer yeast. Fuchs Edmund (inventor). Issued 3-2-37.
2,074,063. Apparatus for producing hollow bricks closed on all sides. Putterlik Jan (inventor). Issued 3-16-37.
2,074,610. Hydrostatic weir shutter. Jermar Frantisek (inventor). Issued 3-23-37.
2,076,198. Typewriter. Honnolke Franz (inventor). Issued 4-6-37.
2,076,653. Internal combustion engine. Ledwinka Hans (inventor). Issued 4-13-37.
2,077,848. Automatic brake operating device for railroad vehicles. Mikulka Frantisek et al, Stecker Alois, Seckar Frank (inventors). Issued 4-20-37.
2,078,029. Carburetor for internal combustion engines. Schorsch Ignaz (inventor). Issued 4-20-37.
2,079,218. Connections of the driving unit to the frame of a motor vehicle. Ledwinka Hans (inventor). Issued 5-4-37.
2,079,318. Esters of 2 phenyl quinoline 4 carboxylic acids. John Hanns (inventor). Issued 5-4-37.
2,079,671. Automobile chassis suspension construction. Zubaty Joseph (inventor). Issued 5-11-37.
2,079,982. Furnace wall furnace gas baffle plate and the like. Belohlavek Bruno (inventor). Issued 5-11-37.
2,080,859. Dovetail milling machine. Drapak Otto et al, Drapak Arnost, Drapak Jindrich (inventors). Issued 5-18-37.
2,083,303. Production of activated carbon. Krczil Franz (inventor). Issued 6-8-37.
2,083,457. Road vehicle. Ledwinka Hans (inventor). Issued 6-8-37.
2,085,885. Permanent way rail joint connection. Zischka Wilhelm (inventor). Issued 7-6-37.
2,086,084. Preparation of alkali nitrate by the reaction of nitric acid with alkali chloride in aqueous solution. Kubelka Paul (inventor). Issued 7-6-37.
2,088,215. Multicylinder two stroke cycle diesel engine. Podrassky Antonin (inventor); Ceskoslovenska Zbrojovka Akciova Spolecnost V Brne (grantees). Issued 7-27-37.
2,089,061. Process of producing large size coke from brown coal. Herglotz Franz (inventor). Issued 8-3-37.
2,089,583. Fluid tight winding for electric motors and method for the manufacture thereof. Sigmund Miroslav (inventor). Issued 8-10-37.
2,089,612. Thixotropic compositions, their preparation and utilization. Kubelka Paul (inventor). Issued 8-10-37.
2,090,435. Packing device. Waldvogel Isidore (inventor). Issued 8-17-37.
2,090,893. Final drive gear for vehicles. Ledwinka Hans (inventor). Issued 8-24-37.
2,092,756. Elastic foraminous sheet material. Grabec Josef (inventor); Leodofsky Adalbert (grantee). Issued 9-14-37.
2,093,169. Automatic firearm in particular machine gun. Holek Vaclav (inventor); Ceskoslovenska Zbrojovka Akciova, Spolecnost V Brne (grantees). Issued 9-14-37.
2,093,701. Fountain pen. Zahel Jaroslav (inventor). Issued 9-21-37.

2,095,522. Fluid meter. Hejduk Frantisek et al, Neumann Jan (inventors). Issued 10-12-37.

2,096,355. Driving system for motor vehicles. Fischer Stefan (inventor). Issued 10-19-37.

2,099,315. Track sanding device. Prochazka Karel (inventor). Issued 11-16-37.

2,100,052. Meter for measuring and registering liquid volumes received and delivered. Hejduk Frantisek et al, Neumann Jan (inventors). Issued 11-23-37.

2,100,155. Electrical purification of gases. Beran Vojtech (inventor). Issued 11-23-37.

2,101,954. Bicycle lighting generator. Rathmann Paul (inventor); Elektrotechnische Fabrik Schmidt and Co Gesellschaft M B H (grantees). Issued 12-14-37.

2,104,315. Carburetor for combustion engines. Abramson Alexander (inventor). Issued 1-4-38.

2,104,320. Freewheeling clutch. Fischer Stefan (inventor). Issued 1-4-38.

2,104,499. Resilient suspension means for motor vehicles. Svoboda Jaroslav et al, Svoboda Ladislav, Bilek Karel (inventors). Issued 1-4-38.

2,105,153. Motor vehicle chassis. Ledwinka Hans (inventor). Issued 1-11-38.

2,105,863. Steam baking oven. Pfeiffer Wilhelm (inventor). Issued 1-18-38.

2,106,281. Wind musical instrument. Sattler Johann (inventor). Issued 1-25-38.

2,107,803. Adjusting mechanism for firearms. Rolcik Miroslav (inventor); Ceskoslovenska Zbrojovka A S Brno (grantee). Issued 2-8-38.

2,107,818. Textile drafting apparatus. Elzer Johann (inventor). Issued 2-8-38.

2,107,824. Gun carriage. Holek Frantisek (inventor); Ceskoslovenska Zbrojovka A S Brno (grantee). Issued 2-8-38.

2,110,468. Steam collecting device especially for high pressure steam. Metzner Otto (inventor). Issued 3-8-38.

2,110,683. Method and means for affixing advertising seals to newspapers and other printed matter. Scholer Wilhelm (inventor). Issued 3-8-38.

2,111,010. Apparatus for cooling or heating and mixing. Sochor Zdenek (inventor). Issued 3-15-38.

2,111,328. Hair slide. Polak Bohumil (inventor). Issued 3-15-38.

2,113,199. Bomb sight. Baaber Hans (inventor); A G C P Goerz Optische Anstalt, Actiova Spolecnost K P Goerz, Opticky Ustav (grantees). Issued 4-5-38.

2,113,209. Gun breech. Hasek Jaroslav (inventor); Ltd Co formerly the Skoda Works (grantee). Issued 4-5-38.

2,115,522. Frictional transmission gearing. Gotz Frantisek (inventor); Ltd Co formerly the Skoda Works (grantee). Issued 4-26-38.

2,115,526. Automatic firearm. Holek Vaclav (inventor); Ceskoslovenska Zbrojovka A S (grantee). Issued 4-26-38.

2,116,265. Multipiston meter. Hejduk Frantisek et al, Neumann Jan (inventors). Issued 5-3-38.

2,116,819. Shoe and boot making machine. Bata Jan A (inventor). Issued 5-10-38.

2,116,837. Combination lock. Kittler Antonin (inventor). Issued 8-8-39.

2,117,337. Evaporator. Lobl Karel et al, Ksir Karel (inventors). Issued 5-17-38.

2,117,885. Firearm. Hasek Jaroslav (inventor). Issued 5-17-38.

2,118,404. Hydrostatic weir shutter. Jermar Frantisek (inventor). Issued 5-24-38.

2,119,643. Pressure operated diffuser of toilet liquids. Mendl Viktor (inventor). Issued 6-7-38.

2,121,508. Governor means. Ohnrich Alfons (inventor). Issued 6-21-38.

2,121,889. Automatic friction brake. Sousedik Josef (inventor). Issued 6-28-38.

2,123,577. Fluid measurement apparatus. Pelich Eduard (inventor). Issued 7-12-38.

2,124,254. Method of high pressure steam generation. Ledinegg Max (inventor). Issued 7-19-38.

2,127,409. Body for rear engine motor vehicles. Klavik Milos (inventor). Issued 8-16-38.

2,127,411. Motor vehicle. Ledwinka Hans (inventor). Issued 8-16-38.

2,128,413. Variable ratio gearing. Hejduk Frantisek et al, Neumann Jan (inventors). Issued 8-30-38.

2,128,793. Address card or the like. Bey Edmund T Bondy (inventor). Issued 8-30-38.

2,131,527. Vehicle transmission control. Sousedik Josef (inventor). Issued 9-27-38.

2,133,541. Bomb or hand grenade. Janecek Rudolf (inventor). Issued 10-18-38.

2,134,476. Breech packing for firearms. Hasek Jaroslav (inventor). Issued 10-25-38.

2,134,897. Automatic mixing and fine grinding mill for chocolate colors, etc. Theiner Leo (inventor). Issued 11-1-38.

2,136,161. Button in two parts. Vesely Karel (inventor). Issued 11-8-38.

2,137,496. Waste fitting for baths and the like. Klein Felix (inventor). Issued 11-22-38.

2,139,457. Internal combustion engine. Patchett George William (inventor). Issued 12-6-38.

2,140,825. Method for roasting pencil leads. Zuckert Richard (inventor); Koh I Noor Tuzkarna, L & C Hardtmuth Ces (grantees). Issued 12-20-38.

2,140,876. Arrangement and mounting of the axle gear in motor vehicles. Klavik Milos (inventor). Issued 12-20-38.

2,142,610. Cylinder lock. Kittler Antonin (inventor). Issued 1-3-39.

2,142,770. Sliding fastener. Wied Ernst Georg (inventor). Issued 1-3-39.

2,143,704. Pivot door plate. Kufner Frantisek (inventor). Issued 1-10-39.

2,143,889. Power vehicle. Ledwinka Hans (inventor). Issued 1-17-39.

2,144,066. Apparatus for the photographic production of outlines for engraved rollers used in textile printing. Kindermann Hermann (inventor). Issued 1-17-39.

2,144,740. Process for producing lumpy water resistant bodies consisting substantially of magnesium oxide and calcium compounds. Pollak Arthur (inventor). Issued 1-24-39.

2,145,183. Final drive gear for vehicles with swinging half axles. Ledwinka Hans (inventor). 1-24-39.

2,146,185. Automatic firearm. Holek Vaclav (inventor); Ceskoslovenska Zbrojovka A. S. Brunn (grantee). Issued 2-7-39.

2,146,340. Automatic calendar. Jiskra Zdenek (inventor). Issued 2-7-39.

2,149,905. Lead for pencils, color pencils, copying pencils, or the like and the process for manufacturing the same. Zuckert Richard (inventor); Koh I. Noor Tuzkarna L. and C. Hardtmuth (grantee). Issued 3-7-39.

2,150,081. Carburetor for internal combustion engines. Schorsch Ignaz (inventor). Issued 3-7-39.

2,151,988. Water tube boiler. Pokorny Ermin (inventor). Issued 3-28-39.

2,153,025. Packing ring for sealing the pistons and piston rods. Rais Josef (inventor); Ltd. Co. formerly the Skoda Works Pilsen (grantee). Issued 4-4-39.

2,154,326. Machine tool. Dorin Anatol (inventor). Issued 4-11-39.

2,154,915. Lathe. Ohera Albin (inventor). Issued 4-18-39.

2,156,852. Gas mask. Horak Vaclav (inventor). Issued 5-2-39.

2,157,189. Roofing. Schlosinger Josef (inventor); A. G. Fur Glass Industrie Vorm Friedr Siemens (grantee). Issued 5-9-39.

2,157,828. Sliding clasp fastener. Kuna Josef (inventor). Issued 5-9-39.

2,158,931. Safety and signaling apparatus in particular for railway crossings. Fryba Josef (inventor). Issued 5-16-39.

2,159,981. Production of thermosetting molding compositions and molded articles from natural horn. Bakonyi Stefan (inventor); Kraus O. (grantee). Issued 5-30-39.

2,161,726. Ager for treating printed and like fabrics. Sochor Zdenek, et al., Kvasnicka Alfred, Morch Slava (inventors); Sochor Zdenek (grantee). Issued 6-6-39.

2,161,727. Weft feeler mechanism for looms. Sochor Zdenek (inventor). Issued 6-6-39.

2,163,144. Firearm. Holek Vaclav (inventor); Ceskoslovenska Zbrojovka (assignee) (grantee). Issued 6-20-39.

2,164,516. Frictional transmission gearing. Gotz Frantisek (inventor); Ltd. Co. formerly the Skoda Works (grantee). Issued 7-4-39.

2,164,690. Plug insert for bore holes for cushion blasting in gaseous mines. Struzik Frantisek (inventor); Dvorak Josef, Pokorny Karel (grantees). Issued 7-4-39.

2,164,940. Hair clip. Polak Bohumil (inventor). Issued 7-4-39.

2,165,827. Manufacture of a multicolor lead. Zuckert Richard (inventor); Koh I. Noor Tuzkarna L, and C. Hardtmuth (grantees). Issued 7-11-39.

2,166,482. Device for working on the soles of footwear. Bata Jan Antonin (inventor). Issued 7-18-39.

2,168,098. Transfer copying material. Groak Josef (inventor). Issued 8-1-39.

2,169,665. Production of pressed articles having a pattern extending right through them from materials in powder form. Skolaude Heinrich (inventor). Issued 8-15-39.

2,171,091. Streamline body for motor vehicles with air cooled rear engines. Klavik Milos (inventor). Issued 8-29-39.

2,171,092. Streamline body for motor vehicles with air cooled rear engines. Klavik Milos (inventor). Issued 8-29-39.

2,171,463. Hammer crusher with adjustable resilient feed grate. Tschauner Leo (inventor); Ltd. Co. formerly the Skoda Works Pilzen (grantee). Issued 8-29-39.

2,171,675. Paint box. Travnitschek Rudolf (inventor). Issued 9-5-39.

2,172,298. Electrical transmission gear in particular for traction machines. Sousedik Josef (inventor). Issued 9-5-39.

2,175,527. Rear engine motor vehicle. Klavik Milos (inventor). Issued 10-10-39.

2,175,528. Rear part of automobiles with rear engines. Klavik Milos (inventor). Issued 10-10-39.

2,175,529. Supplying cooling air to the engines of automobiles. Klavik Milos (inventor). Issued 10-10-39.

2,175,533. Air cooled internal combustion engine. Ledwinka Hans (inventor). Issued 10-10-39.

2,182,039. Winding machine for making large soft cops. Stiassni Ernst (inventor). Issued 12-5-39.

2,186,065. Springing system of vehicles. Fischer Stefan (inventor); Selig Alex (grantee). Issued 1-9-40.

2,188,046. Firing mechanism for automatic firearms. Holek Vaclav (inventor); Ceskoslovenska Zbrojovka (assignee) (grantee). Issued 1-23-40.

2,188,460. Blowlamp. Levit Leopold (inventor). Issued 1-30-40.

2,190,507. Pencil having a multicolored lead. Zuckert Richard (inventor); Koh I. Noor Tuzkarna L. and C. Hardtmuth (grantees). Issued 2-13-40.

2,190,508. Lead for black lead colored and copying pencils and the like. Zuckert Richard (inventor); Koh I. Noor Tuzkarna L. and C. Hardtmuth (grantees). Issued 2-13-40.

2,192,824. Absorption refrigeration system. Bloch Rudolf, et al., Goldberger Franz (inventors). Issued 3-5-40.

2,194,394. Air cooling arrangement for automobiles. Klavik Milos (inventor). Issued 3-19-40.
2,194,395. Spring suspension of automobiles. Klavik Milos (inventor). Issued 3-19-40.
2,194,396. Air supply device for air cooled rear engined automobiles. Klavik Milos (inventor). Issued 3-19-40.
2,194,397. Front wheel suspension for automobiles. Klavik Milos (inventor). Issued 3-19-40.
2,194,398. Ventilation of the motor compartment in streamlined automobiles. Klavik Milos (inventor). Issued 3-19-40.
2,195,472. Device for the application of rouging lacquer medical appliances and the like. Szucs Ladislaus et al, Stecklmacher Erwin, now known as Erwin Steel (inventors). Issued 4-2-40.
2,196,440. Manufacture of cartons. Hoza John (inventor). Issued 4-9-40.
2,198,020. Nonballooning spindle for spinning machines. Weinberger Jan (inventor). Issued 4-23-40.
2,198,169. Negative carrier especially suitable for projection apparatus and enlarging apparatus. Kallusch Kamillo (inventor). Optikotechna Spolecnost S R O Prerov (grantee). Issued 4-23-40.
2,198,308. Machine for performing nailing and like fastening operations. Hoza John (inventor). Issued 4-23-40.
2,198,671. Apparatus for the exchange of heat. Kulka Vilem (inventor). Issued 4-30-40.
2,198,778. High pressure steam generator. Ledinegg Maximilian (inventor). Issued 4-30-40.
2,198,788. Automatic weighing apparatus. Popov Vladimir Dmitrijevic (inventor). Issued 4-30-40.
2,199,315. Body for vehicles. Klavik Milos (inventor). Issued 4-30-40.
2,199,316. Air cooling of automobiles. Klavik Milos (inventor). Issued 4-30-40.
2,199,317. Ventilation of the motor compartment of automobiles. Klavik Milos (inventor). Issued 4-30-40.
2,200,177. Mounting of axle springs in automobiles. Klavik Milos (inventor). Issued 5-7-40.
2,202,455. Blower arrangement in air cooled motors. Klavik Milos (inventor). Issued 5-28-40.
2,202,456. Automobile body. Klavik Milos (inventor). Issued 5-28-40.
2,202,507. High pressure steam generator. Swietochowski Olivier (inventor). Issued 5-28-40.
2,204,993. Machine for the ornamentation of welts. Hoza John (inventor). Issued 6-18-40.
2,205,806. Pressure device for hydraulic brakes. Belenkij Jiri (inventor). Issued 6-25-40.
2,207,145. Method of activating natural earths. Doht Richard (inventor). A G Dynamit Nobel (grantee). Issued 7-9-40.
2,207,494. Process and apparatus for the hydrogenation of carbonaceous materials. Viktora Vaclav (inventor); Ceskoslovenske Tovarny Na Dusikate, Latky Akc Spon Czechoslovakian Nitrogen Works Co Ltd (grantee). Issued 7-9-40.
2,207,730. Method of making appliances for mechanical cosmetic treatment. Gottlieb Herbert (inventor). Issued 7-16-40.
2,209,354. Potash cartridge for oxygen respirators and lifesaving apparatus. Schmidt Heinz et al, Jezek Jan (inventors); Spolek Prd Chemickou a Hutni Vyrobu usti nad Labem (grantees). Issued 7-30-40.
2,209,485. Apparatus for determining the velocity of a target especially aircraft. Tichy Josef (inventor); Ceskoslovenska Zbrojovka A S Brno (grantees). Issued 7-30-40.
2,214,308. Means for controlling hydraulically operated working cylinders. Polak Josef (inventor). Issued 9-10-40.

2,216,412. Firing mechanism for automatic firearms. Holek Vaclav (inventor). Ceskoslovenska Zbrojovka A S (grantees). Issued 10-1-40.
2,216,669. Air cooling the engines of rear engined automobiles. Klavik Milos (inventor). Issued 10-1-40.
2,216,670. Floor for automobiles. Klavik Milos (inventor). Issued 10-1-40.
2,221,196. Front axle of rear motored automobiles. Klavik Milos (inventor). Issued 11-12-40.
2,221,664. Safety lock. Susser Hans (inventor). Issued 11-12-40.
2,221,742. Rubber molding press. Hoza John (inventor). Issued 11-12-40.
2,223,004. Automatic firearm. Holek Vaclav (inventor); Ceskoslovenska Zbrojovka A S (grantees). Issued 11-26-40.
2,223,705. Pressure gauge with barometric correction. Roudnicky Rudolf (inventor). Issued 12-3-40.
2,225,012. Portable device adapted for daylight projection. Kallusch Kamillo (inventor); Optikotechna Spolecnost S R D Prerov (grantees). Issued 12-17-40.
2,228,628. Treatment of sulphite waste liquor. Hahn Ludwig (inventor); Bohmisch Krumauer Maschinenpapier Fabriken Ignaz Spiro et Sohne A G (grantees). Issued 1-14-41.
2,228,973. Die casting machine. Polak Josef (inventor). Issued 1-14-41.
2,229,085. Vulcanizing apparatus. Hoza John (inventor). Issued 1-21-41.
2,233,316. Body for motor vehicles. Klavik Milos (inventor). Issued 2-25-41.
2,234,644. Method of and apparatus for briquetting fine grained pulverulent or dust fine material. Herglotz Franz (inventor). Issued 3-11-41.
2,236,404. Process of working up pit coal. Herglotz Franz (inventor). Issued 3-25-41.
2,236,408. Resilient mounting for the driving unit in automobiles. Klavik Milos (inventor). Issued 3-25-41.
2,237,601. Shoulder controlled firearm. Holek Frantisek (inventor); Ceskoslovenska Zbrojovka A S (grantees). Issued 4-8-41.
2,241,036. Chassis of rear engined motor vehicles. Klavik Milos (inventor). Issued 5-6-41.
2,241,037. Vehicle having air cooled engines at the rear thereof. Klavik Milos (inventor). Issued 5-6-41.
2,241,038. Chassis of rear engined vehicles. Klavik Milos (inventor). Issued 5-6-41.
2,241,306. Process for obtaining a tanning agent from waste sulphite liquor. Honig Max Dec et al, Honig Henrich legal rep (inventors); Feith Wilhelm (grantee). Issued 5-6-41.
2,241,599. Process for making shoes. Hoza John (inventor). Issued 5-13-41.
2,243,072. Method & apparatus for the application of aerating air to carburetors for internal combustion engines. Abramson Alexander (inventor). Issued 5-27-41.
2,245,789. Frame for automobiles. Klavik Milos (inventor). Issued 6-17-41.
2,247,299. Two cylinder two stroke engine. Klavik Milos (inventor). Issued 6-24-41.
2,247,300. Driving unit for automobiles. Klavik Milos (inventor). Issued 6-24-41.
2,248,272. Magnetizing of annular magnets. Jurak Ladislav (inventor). Issued 7-8-41.
2,250,355. Packing for insulators in sparking plugs. Bruck Josef (inventor). Issued 7-22-41.
2,250,382. Motor vehicle having air cooled rear engine. Klavik Milos (inventor). Issued 7-22-41.
2,256,788. Copper zinc alloy. Muller Wolf Johannes et al, Niessner Moritz (inventors). (assignee) Dynamit Nobel (grantee). Issued 9-23-41.
2,257,964. Arrangement for fans for air cooled rear engines. Klavik Milos (inventor). Issued 10-7-41.
2,258,014. Illuminating device for enlarging or projecting apparatus. Kallusch Kamillo (inventor); Optikotechna Spolecnost S R O (grantee). Issued 10-7-41.
2,259,078. Copper zinc alloy. Muller Wolf Johannes et al, Niessner Mortiz (inventors). (assignee) Dynamit Nobel (grantee). Issued 10-14-41.
2,260,691. Weighing apparatus. Popov Vladimir Dimitrijevic (inventor). Issued 10-28-41.
2,262,347. Two layer card for being written on both sides. Sturc Ludevit (inventor). Issued 11-11-41.
2,263,545. Hollow body and process of producing same. Waldvogel Isidor (inventor). Issued 11-18-41.
2,267,501. Automatic firearm. Holek Vaclav (inventor); Ceskoslovenska Zbrojovka (assignee) (grantee). Issued 12-23-41.
2,267,828. Arrangement for cooling motors by air. Klavik Milos (inventor). Issued 12-30-41.
2,270,221. Sliding member of sliding clasp fasteners. Puc Vojtech (inventor). Issued 1-13-42.
2,270,683. Automatic firearm. Janecek Frantisek (inventor). Issued 1-20-42.
2,271,066. Process of manufacturing hollow bodies. Ehrenhaft Viktor (inventor). Issued 1-27-42.
2,274,070. Short circuited winding for induction machines. Kauders Vilem (inventor). Issued 2-24-42.
2,275,425. Composite distensible sheet material. Grabec Josef (inventor); Ledofsky Adalbert (grantee). Issued 3-10-42.
2,276,399. Method of making hollow glassware. Hrdina Vaclav (inventor). Issued 3-17-42.
2,276,789. Apparatus for grinding diamonds and the like. Nagy Arpad (inventor). Issued 3-17-42.
2,277,088. Advertising straphanger. Ehrenhaft Viktor (inventor). Issued 3-24-42.
2,285,119. Air cooled motor. Klavik Milos (inventor). Issued 6-2-42.
2,297,920. Shaped brick. Schwarzbart Julius (inventor); Zeisel Heinz (grantee). Issued 10-6-42.

[F. R. Doc. 43-5330; Filed, April 5, 1943; 2:12 p. m.]

[Vesting Order 666]

Patents of Nationals of France

Under the authority of the Trading with the Enemy Act, as amended, and Executive Order No. 9095, as amended, and pursuant to law, the undersigned, after investigation:

1. Finding that the owners of the patents and other property related thereto described in subparagraph 3 hereof are either the persons identified in Exhibit A attached hereto and made a part hereof as the grantees of such patents, respectively, or (in the cases only of those patents, if any, in connection with which no grantees are so identified) the persons identified in said Exhibit A as the respective inventors thereof;

2. Finding that each of such owners is a resident of France, and therefore is a national of a foreign country (France);

3. Finding, therefore, that the property described as follows:

All right, title and interest, including all accrued royalties and all damages and profits recoverable at law or in equity from any person, firm, corporation or government for past infringement thereof, in and to the patents identified in said Exhibit A,

is property of nationals of a foreign country (France);

4. Having made all determinations and taken all action, after appropriate consultation and certification, required by said Executive Order or Act or otherwise; and

5. Deeming it necessary in the national interest;

hereby vests in the Alien Property Custodian the property hereinbefore described in subparagraph 3, to be held, used, administered, liquidated, sold or otherwise dealt with in the interest of and for the benefit of the United States.

Such property, and any or all of the proceeds thereof, shall be held in an appropriate special account or accounts, pending further determination of the Alien Property Custodian. This shall not be deemed to limit the powers of the Alien Property Custodian to return such property or the proceeds thereof, or to indicate that compensation will not be paid in lieu thereof, if and when it should be determined that such return should be made or such compensation should be paid.

Any person, except a national of a designated enemy country, asserting any claim arising as a result of this order may file with the Alien Property Custodian a notice of his claim, together with a request for a hearing thereon, on Form APC–1, within one year from the date hereof, or within such further time as may be allowed by the Alien Property Custodian. Nothing herein contained shall be deemed to constitute an admission of the existence, validity or right to allowance of any such claim.

The terms "national" and "designated enemy country" as used herein shall have the meanings prescribed in Section 10 of said Executive Order.

Executed at Washington, D. C., on January 18, 1943.

[SEAL] LEO T. CROWLEY,
Alien Property Custodian.

EXHIBIT A

RE16,734. Apparatus for controlling the firing against aerial objectives. Schneider Eugene (inventor); Routin Joseph Louis, Schneider and Cit et al (grantees). Issued 3-9-26.

RE17,287. Automatic recording meter for liquids. Carbonaro Marius Clement (inventor); Soc Hardoll (grantee). Issued 12-28-26.

RE17,385. Aluminum alloy and method of manufacturing the same. Berthelemy Pierre et al, De Montby Henry (inventors). Issued 9-14-26.

RE17,878. Resinous condensation product. Durr Andre Henri Victor (inventor); Cie Nationale De Matieres Colorantes Et Manufacturers De Produits Chimiques Du Nord Reunies Etablissements Kuhlmann (grantees). Issued 12-10-29.

RE18,124. Apparatus for and process of congelation. Reeh Johannes Emmerick Wolff (inventor); S A De Conservation Industrielle Du Poisson (grantees). Issued 2-11-30.

RE18,696. Pneumatic suspension for airplanes. Messier George Louis Rene Jean (inventor). Issued 12-20-32.

RE18,885. Suspension for vehicles. Dubonnet Andre (inventor). Issued 1-3-33.

RE18,957. Propeller. Gobereau Robert Richard et al, Maujole Lucien Edouard Decd, Chardin Alphonse Jules Admr (inventors); Gobereau Robert Richard (grantee). Issued 10-27-31.

RE19,395. Means for annulling the effect of stray fields on radio receiving systems. Loth William Arthur (inventor); Soc Industrielle Des Procedes, W. A. Loth (grantees). Issued 4-8-30.

RE19,699. Ice machine. Velut Rene (inventor). Issued 9-5-33.

RE19,728. Thermastatic radiator control. Dintilhac Jean Georges (inventor); Soc Yacco S A F (grantee). Issued 2-27-34.

RE20,044. Electric circuit breaker with compressed gas blow out. Clerc Andre (inventor); Soc Ateliers de Constructions Electriques De Delle (grantee). Issued 1-23-34.

RE20,766. Lead sheathed cable and method of protecting the lead against corrosion. Benit Henri (inventor); Cie Generale D. Electricite (grantee). Issued 1-23-34.

RE20,810. Fluidtight coupling. Tailleferre Henri (inventor). Issued 6-9-36.

RE20,834. Drawing instrument. Rabe Karl (inventor); Rosenberger Adolf (grantee). Issued 3-22-38.

RE21,168. Process and apparatus for the continuous extraction or treatment of liquids. Coutor Charles (inventor); Soc Etablissements Lambiotte Freres (grantee). Issued 4-7-36.

RE21,285. Decorative wall covering. Desagnat Gaston (inventor). Issued 10-16-29.

RE21,313. Decorative wall covering. Desagnat Gaston (inventor). Issued 10-17-33.

RE21,828. Progressive clutch control for automatic gear shifting systems. Fleischel Gaston (inventor). Issued 1-10-33.

RE21,903. Strapping material for binding or securing boxes bales parcels and other packages and process for manufacturing the same. Brenneisen Hermann (inventor). Issued 7-5-38.

DE79,460. Bottle. Failliot Jacques (inventor). Issued 9-24-29.

DE83,201. Bottle. Lalique Rene (inventor). Issued 2-3-31.

DE84,991. Cover glass lens for headlights. Lamblin Parent Gustave, Alphonse Marie (inventors). Issued 9-1-31.

DE84,993. Cover glass lens for headlights. Lamblin Parent Gustave, Alphonse Marie (inventors). Issued 9-1-31.

DE84,994. Cover glass lens for headlights. Lamblin Parent Gustave, Alphonse Marie (inventors). Issued 9-1-31.

DE86,448. Lady's Collar. Ezbelent Georges (inventor). Issued 3-8-32.

DE87,641. Box covering. Melin Andre (inventor). Issued 8-23-32.

DE88,067. Fancy bottle. Bergaud Felicie Eugenie Amelie Wanpouille (inventors). Issued 10-25-32.

DE88,068. Box. Bergaud Felicie Eugenie Amelie Wanpouille (inventors). Issued 10-25-32.

DE88,069. Medallion for containers stoppers or the like. Bergaud Felicie Eugenie Amelie Wanpouille (inventors). Issued 10-25-32.

DE89,944. Lip stick container or the like. Bergaud Felicie Eugenie Amelie Wanpouille (inventors). Issued 5-23-33.

DE89,985. Vanity case or the like. Bergaud Felicie Eugenie Amelie Wanpouille (inventor). Issued 5-23-33.

DE92,483. Design for a lid of a box or the like. Melin Andre (inventor); Parfumerie Roger Et Gallet S A. (grantee). Issued 6-12-34.

DE93,089. Design for a tray. Bode Emile (inventor). Issued 8-21-34.

DE97,216. Design for a multicellular receptacle. Vernin Louis Marie Paul Charles (inventor); Laboratoires Galeniques Vernin (grantee). Issued 10-15-35.

DE97,318. Design for sheet glass. Galliano Marc A. M. J. (inventor). Issued 10-22-35.

DE97,926. Design for a combination bottle stopper and stand. Desprez Jean (inventor); S. A. Parfumerie Millot (grantee). Issued 12-24-35.

DE98,455. Design for a bottle. De Mascolo Marie Rose (inventor); S A Scherick (grantee). Issued 2-4-36.

DE99,982. Design for a ring. Arpels Salomon Dit Charles (inventor); Soc Van Cleef & Arpels (grantee). Issued 6-16-36.

DE102,111. Design for a handbag or similar article. Konelsky Ernest (inventor). Issued 11-24-36.

DE102,172. Design for a bottle. Schiaparelli Elsa (inventor); S A Schiaparelli (grantee). Issued 12-1-36.

DE102,409. Design for a mirror or similar article. Bergaud Felicie Eugenie Amelie Wanpouille (inventors). Issued 12-22-36.

DE102,438. Design for a hanging lamp. Montmartin Guy (inventor). Issued 12-22-36.

DE105,766. Design for a clock. Rodanet Charles Hilaire Henri (inventor); S A Etablissements Ed Jaeger (grantee). Issued 8-24-37.

DE107,704. Design for a lipstick holder. Schiaparelli Elsa (inventor). Issued 12-28-37.

DE107,796. Design for a face powder box. Schiaparelli Elsa (inventor). Issued 1-4-38.

DE110,566. Design for a jar. Emerit Jean (inventor); Freres Bonnetti Firm (grantee). Issued 7-19-38.

DE110,635. Design for a clip. Bezault Georges Albert Julien (inventor); Cartier S A (grantee). Issued 7-26-38.

DE112,638. Design for a perfume bottle. Guerin Jacques (inventor). Issued 12-20-38.

DE112,943. Design for a perfume bottle container. Guerin Jacques (inventor). Issued 1-17-39.

DE116,006. Design for a lady's handbag or similar article. Baillod Marcel Charles Leon (inventor). Issued 8-8-39.

DE116,055. Design for a perfume bottle. Schiaparelli Elsa (inventor); Soc Des Parfums Schiaparelli S A (grantee). Issued 8-8-39.

DE116,214. Design for a bottle or similar article. Bergaud Felicie Eugenie Amelie Wanpouille (inventors). Issued 8-22-39.

DE116,440. Design for a bottle or similar article. Bergaud Felicie Eugenie Amelie Wanpouille (inventors). Issued 9-5-39.

DE116,726. Design for a compact holder. Schiaparelli Elsa (inventor); Soc Des Parfums Schiaparelli S A (grantee). Issued 9-19-39.

DE116,756. Design for a bottle or similar article. Bergaud Felicie Eugenie Amelie Wanpouille (inventors). Issued 9-19-39.

DE116,977. Design for a toilet case or similar article. Bellau Henri (inventor). Issued 10-3-39.

DE118,037. Design for textile fabric or similar article. Domen Achille (inventor). Issued 12-12-39.

DE119,073. Design for sunglasses. Rochas Marcel (inventor). Issued 2-20-40.

DE119,397. Design for a shoe or similar article. Perugia Andre (inventor). Issued 9-12-40.

DE121,286. Design for a bottle. Robert Rene (inventor); Maison Paquin Ltd (grantee). Issued 7-2-40.

DE121,918. Design for a transparent support for a container or similar article. Bergaud Felicie Eugenie Amelie Wanpouille (inventors). Issued 8-13-40.

DE122,251. Design for a combined case and holder for a bottle of perfume or the like. Bergaud Felicie Eugenie Amelie Wanpouille (inventors). Issued 9-3-40.

DE123,495. Design for a combined case and holder for a bottle or perfume or the like. Bergaud Felicie Eugenie Amelie Wanpouille (inventors). Issued 12-12-40.

DE124,331. Design for a shoe. Perugia Andre (inventor). Issued 12-31-40.

1,563,463. Photographic apparatus for checking the aiming and firing operations on board aircraft. Belugou Leon (inventor). Issued 12-1-25.

1,563,673. Process for impermeabilizing substances for absorbing gas. Street Ernest Auguste George (inventor); S A Le Carbone (grantee). Issued 12-1-25.

1,563,688. Electric circuit breaker. Charpentier Paul (inventor); Forges & Ateliers De Constructions Electriques De Jeumont S A (grantees). Issued 12-1-25.

1,563,715. Packing machine. Boulanger Charles (inventor); S A Anciens Etablissements Georges Pellerin (grantees). Issued 12-1-25.

1,564,109. Post base. Ponsolle Leon (inventor). Issued 12-1-25.

1,564,117. Gaiter. Auberge Robert Alfred (inventor). Issued 12-1-25.

1,564,516. Device for the automatic coupling and uncoupling of engines operating upon a common propeller. Breguet Louis (inventor); S A Des Ateliers D Aviation Louis Breguet (grantees). Issued 12-8-25.

1,564,613. Lighting apparatus. Neviere Louis Auguste (inventor). Issued 12-8-25.

1,564,661. Gas radiator with heat recovery and continuous ventilation. Faure Rene (inventor). Issued 12-8-25.

1,565,040. Brake. Waseige Charles (inventor); Soc Des Aeroplanes Henri and Maurice Farman (grantees). Issued 12-8-25.

1,565,119. Viscosimeter. Thomas Pierre Joseph (inventor); Cie Pour La Fabrication Des Compteurs Et Materiel D Usines A Gaz (grantees). Issued 12-8-25.

1,565,153. Sustaining and steering surface for aircraft. Hubert Jean (inventor). Issued 12-8-25.

1,565,172. Tire protector. Lotte Lucien Paul Celestin (inventor). Issued 12-8-25.

1,565,331. Emptying device for melangeurs. Savy Robert (inventor). Issued 12-15-25.

1,565,409. Oil gas apparatus. Blanchet Leonce (inventor); La Soc De Chimie Et A Catalyse Industrielle Siege Social (grantee). Issued 12-15-25.

1,565,472. Refractory cement with a base of zirconium ore. Le Coultre Frederic Charles Fridtjof (inventor); Soc D Etude Des Agglomeres (grantee). Issued 12-15-25.

1,565,490. Apparatus for applying curative treatment with a radioactive substance. Muguet Antoine (inventor). Issued 12-15-25.

1,565,517. Brake for motor vehicles. Sizaire Maurice (inventor); Soc Des Automobiles Sizaire (grantee). Issued 12-15-25.

1,565,655. Metallic Bobbin for photographic or like films. Lefebvre Georges Eugene (inventor); Pathe Cinema Anciens Etablissements Pathe Freres (grantees). Issued 12-15-25.

1,565,684. Apparatus used for the sterilizing of toothbrushes and similar articles. Thesee Victor Julien Marie (inventor). Issued 12-15-25.

1,565,700. Adjustable dress stand. Zilberstein Henri (inventor). Issued 12-15-25.

1,565,704. Self Setting safety razor. Boizard Raoul (inventor). Issued 12-15-25.

1,565,729. Automatic machine for the manufacture of capsules. Genat Louis Pierre Emile (inventor). Issued 12-15-25.

1,565,766. Process for the preparation of explosive charges by means of liquid oxygen or air. Weber Guillaume (inventor); Soc Les Petits Fils De Francois De Wendel & Cie The (grantees). Issued 12-15-25.

1,565,789. Mechanical starter for internal combustion engines. Carmier Pierre Roger Louis Auguste (inventor); S A Dite Materiel Et Accessoires D Aviation (grantee). Issued 12-15-25.

1,566,191. Sawing machine. Fleischel Marie Charles et al, Lean Gaston, Pironneau Emmanuel Louis, Francois Marie, (inventors). Issued 12-15-25.

1,566,497. Shaving Brush. Meyelin Paul (inventor). Issued 12-22-25.

1,566,584. Spark extinguishing apparatus. Dallemagne Victor (inventor). Issued 12-22-25.

1,566,720. Bearing for articulation of three connecting rods. Andreau Jean Edouard (inventor). Issued 12-22-25.

1,567,264. Process for treating cotton textiles to impart a linen like appearance thereto. Hebert Rene Marie Louis Gustave (inventor); Verge Alphonse (grantee). Issued 12-29-25.

1,567,335. Rotary drying apparatus. Scrive Paul (inventor). Issued 12-29-25.

1,567,395. Process of chlorination of sulphite liquor. Schmidt Albert (inventor). Issued 12-29-25.

1,567,467. Stick dispensing device for soap and the like. Rocherolles Jacques (inventor); La Soc Parfumerie Roger & Gallet, Siege Social (grantees). Issued 12-29-25.

1,567,499. Stenographic Machine. Grandjean Marc (inventor). Issued 12-29-25.

1,567,737. Making of sheet copper electrolytically. Jullien Marcel Andre (inventor). Issued 12-29-25.

1,567,967. Process of gasifying and carbonizing coal and like fuel substances. Macaux Henri (inventor); Soc Lyonnaise des Eaux et de l'Eclairage (grantee). Issued 12-29-25.

1,568,005. Accelerating device for automatic fiearms. Sutter Charles (inventor); S A des Anciens Etablissements Hotchkiss & Cie (grantee). Issued 12-29-25.

1,568,090. Endless track vehicle. Saives Leon (inventor); Renault Louis (grantee). Issued 1-5-26.

1,568,241. Traveling track device with pneumatic suspension. Rimailho Emile (inventor); Cie des Forges & Acieries de la Marine & d'Homecourt (grantee). Issued 1-5-26.

1,568,242. Rotary motor. Rochefort Francois (inventor). Issued 1-5-26.

1,568,503. Boiler supply system. D Espujols Robert Lucien (inventor). Issued 1-5-26.

1,568,521. Sound amplifying and reproducing device for talking machines and other sound reproducing instruments. Midence Adolph (inventor). Issued 1-5-26.

1,569,237. Lock nut. Ravier Leopold (inventor). Issued 1-12-26.

1,569,256. Receiving device for cutting machines of the rotary type for paper or pasteboard and like machines. Bobst Henri (inventor); S A Marinoni Machines et Materiel Pour l'Imprimerie et les Industries Annexes (grantee). Issued 1-12-26.

1,569,291. Direction finder. Marcelin Andre Jules (inventor). Issued 1-12-26.

1,569,342. Absorption and diffusion photometer. Vernes Arthur et al, Bricq Robert, Jobin Marie Louis Amedee, Yvon Gustave Georges Joseph (inventors). Issued 1-12-26.

1,569,626. Automatic lifting windlass. Gauthier Paul (inventor). Issued 1-12-26.

1,569,760. Air ejector. Leblanc Charles Leonard Armand Maurice (inventor); S A Pour l'Exploitation des Procedes Maurice Leblanc Vickers (grantee). Issued 1-12-26.

1,569,922. Electric control system for all movable elements operating by a very small power and chiefly for the gyroscopic compass. Granat Elie (inventor); Cie des Forges et Acieries de la Marine et d'Homecourt (grantee). Issued 1-19-26.

1,570,283. Stopping device for looms. Renard Pierre et al, Renard Albert (inventors). Issued 1-19-26.

1,570,284. Orientable headlight for automobiles. Scherer Benoit (inventor). Issued 1-19-26.

1,570,329. Ornamentation of leather. Bendelari Mary E (inventor). Issued 1-19-26.

1,570,426. Railway air brake control valve. Barascud Louis Antoine Marie (inventor). Issued 1-19-26.

1,570,429. Automatically operated jack for supporting walls of buildings. Bonnet Jean (inventor). Issued 1-19-26.

1,570,569. Rear seat windshield. Kelsch Jean Clement (inventor). Issued 1-19-26.

1,570,724. Automatic chuck. Beck Frederick (inventor). Issued 1-26-26.

1,571,124. Mixing valve for air and combustion gases. Kolko Aron (inventor). Issued 1-26-26.

1,571,143. Automatic controlling device for compressors supplying explosion engines. Royer Eugene (inventor); Soc. Pour l'Exploitation du Suralimentateur Royer (grantee). Issued 1-26-26.

1,571,144. Iron fitting or bracket for insulators. Saignol Ernest (inventor). Issued 1-26-26.

1,571,262. Electric distant control system. Granat Elie (inventor); Cie des Forges et Acieries de la Marine et d'Homecourt (grantee). Issued 2-2-26.

1,571,368. Relay. Chireix Henri (inventor). Issued 2-2-26.

1,571,413. Double control of the combined type for aeroplanes and for like purposes. James Paul Nicolas Claude (inventor). Issued 2-2-26.

1,571,474. Apparatus for the manufacture of artificial threads or filaments. Grillet Nicolas Benoit (inventor); Soc Pour la Fabrication de la Soie Rhodiaseta (grantee). Issued 2-2-26.

1,571,522. Paper feeding means for stenographic machines. Grandjean Marc (inventor). Issued 2-2-26.

1,571,605. Means for closing receptacles. Salles Edmond Louis Romain (inventor). Issued 2-2-26.

1,571,615. Method and apparatus for compressing gas. Babin Jules (inventor). Issued 2-2-26.

1,571,629. Sprayer. Huge Etienne (inventor). Issued 2-2-26.

1,571,797. Means for producing mechanical drafts. Prat Georges Jules Armand Louis (inventor). Issued 2-2-26.

1,571,839. Furnace for the heating and unwinding of wire. Jacquemin Andre Felix (inventor). Issued 2-2-26.

1,571,845. Oil pump. Lefebvre Albert (inventor). Issued 2-2-26.

1,572,176. Process for the manufacture of condensation products of compound aliphatic aromatic ketones with polyalcohols. Altwegg Jean et al, Chermette Edouard Fau (inventors); Soc Chimique des Usines du Rhone (grantee). Issued 2-9-26.

1,572,648. Apparatus for taking cinematographic views. Gauriat Pierre Sylvain (inventor); Pathe Cinema Anciens Etablissements, Pathe Freres (grantees). Issued 2-9-26.

1,572,691. Apparatus for transforming and distilling hydrocarbons and the like. Seigle Adolphe Antoine Francois Marius (inventor). Issued 2-9-26.

1,572,737. Automatic device with limited feed for the supply of internal combustion engines. Marchant Agenor Jr (inventor). Issued 2-9-26.

1,572,746. Compressible safety ring for pneumatic tires. Michelin Andre Jules (inventor). Issued 2-9-26.

1,572,766. Process for the distillation of natural resins and oleoresins. Chevalier Joseph Marie et al Alphonse, Bourcet Paul, Regnault Henri (inventors). Issued 2-9-26.

1,572,792. Radiator with removable elements. Guyot Henri Raymond (inventor); Soc R Guyot & Cie (grantee). Issued 2-9-26.

1,572,933. Process for the manufacture of certain albumins and fatty matters. Kahn Maurice (inventor); Soc Francaise des Produits Alimentaires Azotes (grantee). Issued 2-16-26.

1,572,955. Process and apparatus for the manufacture of artificial thread. Prince Edmond (inventor); La Soc Pour la Fabrication de la Soie Rhodiaseta (grantee). Issued 2-16-26.

1,572,996. Alloy. Girin Pierre (inventor); S A de Commentry Fourchambault Decazeville (grantee). Issued 2-16-26.

1,573,072. Refractory cement and concrete. Kestner Paul Jean Frederic (inventor). Issued 2-16-26.

1,573,240. Centrifugal drying apparatus. Grauss Georges (inventor). Issued 2-16-26.

1,573,354. Hydraulic distant control apparatus. Methlin Nicolas Emilien (inventor); Schneider & Cie (grantee). Issued 2-16-26.

1,573,655. Firing regulator for automatic firearms. Sutter Charles (inventor); S A des Anciens Etablissements Hotchkiss et Cie (grantee). Issued 2-16-26.

1,573,677. Machine for the manufacture of tickets or labels. Caudrelier Edmond (inventor). Issued 2-16-26.

1,573,680. Agglomerating machine. Cuvelier Pierre Anselme Ignace (inventor). Issued 2-16-26.

1,573,683. Rotary pump. Diffinger Eugene Arsene (inventor); Etablissements P Colombier Fils (grantee). Issued 2-16-26.

1,573,738. Preparation of organic derivatives of tin. Oechslin Carl (inventor); Etablissements Poulenc Freres (grantee). Issued 2-16-26.

1,573,797. Electrovibrator. Beal Pierre Emile et al, Fanet Louis Lucien Edouard (inventors). Issued 2-23-26.

1,573,802. Electric safety combination lock. Cadenel Louis (inventor). Issued 2-23-26.

1,573,849. Elastic suspension for bicycles. Nagot Charles (inventor). Issued 2-23-26.

1,573,859. Process and apparatus for washing artificial silk. Pinel Adrien (inventor). Issued 2-23-26.

1,574,106. Vehicle wheel brake shoe. Perrot Henri (inventor). Issued 2-23-26.

1,574,240. Carrier drive head for lace braiding machines. Fonty Henri (inventor); S A des Etablissements Leflaine, Knecht Jean Jacques (grantees). Issued 2-23-26.

1,574,387. Vehicle door window. Haarnagell Georges (inventor). Issued 2-23-26.

1,574,425. Separation of gaseous mixtures by liquefaction and rectification and apparatus therefor. Jordan Eugene (inventor); Soc L Air Liquide S. A. Pour la Etude et L Exploitation des Procedes Georges Claude (grantees). Issued 2-23-26.

1,574,594. Water meter. Astier Antoine Joseph (inventor). Issued 2-23-26.

1,574,616. Bobbin carrier for lace braiding machines. Fonty Henri (inventor); S A des Etablissements Leflaive Jean Jacques Knecht (grantee). Issued 2-23-26.

1,574,622. Process of distilling volatile products. Granger Louis et al, Mariller Charles, Prache Charles (inventors). Issued 2-23-26.

1,574,625. Hydrocarbon burner. Grimmeisen Georges Edouard (inventor). Issued 2-23-26.

1,574,668. Machine for grinding balls. Mahe Basile Francois (inventor). Issued 2-23-26.

1,574,784. Mechanism for the margining and the feeding of sheets to rotary machines. Bobst Henri (inventor); Etablissements Marinoni S A (grantee). Issued 3-2-26.

1,574,821. Apparatus for the manufacture of butter. Karpinsky Stephan et al, Anderson James Stewart (inventors). Issued 3-2-26.

1,574,844. Process for protecting gas absorbing substances from penetration by liquid. Oppenheim Rene (inventor); S A Le Carbone (grantee). Issued 3-2-26.

1,574,845. Electric battery. Oppenheim Rene (inventor); S A Le Carbone (grantee). Issued 3-2-26.

1,575,311. Machine for grinding lenses. Bentzon Malcolm (inventor). Issued 3-2-26.

1,575,472. Molded product and process for its manufacture. Weitzel Robert Auguste Louis (inventor). Issued 3-2-26.

1,575,620. Apparatus for removing the piston rod of locomotives and other engines from piston crossheads. Chambon Gilbert (inventor). Issued 3-9-26.

1,575,635. Apparatus for casehardening small objects. Meker Georges Antoni Henri (inventor). Issued 3-9-26.

1,575,830. Carbureting apparatus. Heuchel Jean Pierre (inventor). Issued 3-9-26.

1,576,055. Manufacture of drawing tacks. Leighton Georges (inventor). Issued 3-9-26.

1,576,178. Removable propelling mechanism for boats. De Corta Auguste Marie Charles (inventor). Issued 3-9-26.

1,576,180. Thermostat. Diffinger Eugene Arsene (inventor); Etablissement P Colombier Fils (grantee). Issued 3-9-26.

1,576,261. Removable frame for motor or like vehicles. Baehr Gustave (inventor). Issued 3-9-26.

1,576,315. Self starter for motor vehicles. Dufour Paul (inventor); S A Paul L Equipement Electrique des Vehicules (grantee). Issued 3-9-26.

1,576,340. System of photographic apparatus with curved focus. Le Provost Henri Emile (inventor). Issued 3-9-26.

1,576,367. Apparatus for controlling the firing against aerial objectives. Schneider Eugene (inventor); Schneider & Cie, Routin Joseph Louis (grantees). Issued 3-9-26.

1,576,427. Recovery of ammonia from vinasses. Guignard Gaston Philippe (inventor). Issued 3-9-26.

1,576,454. Refining process for pearl essence. Paisseau Jean (inventor). Issued 3-9-26.

1,576,627. Removable tag for laces, process for the conservation of the pellicles of hydrate or of hydrated ethers of cellulose. Defaucamberge Jean Chasselon Rene Louis (inventor); Soc Francaise des Crins Artificiels (grantee). Issued 3-16-26.

1,576,897. Mirror of reflector water level gauges. Boizard Raoul (inventor). Issued 3-16-26.

1,576,914. Balance. Jouan Pierre Constant (inventor). Issued 3-16-26.

1,576,936. Confectionery machinery. Savy Emile Louis Alfred (inventor). Issued 3-16-26.

1,576,938. Telephone receiver. Struxiano Lucien Alexandre Louis (inventor). Issued 3-16-26.

1,577,208. Controller for luminous electric signs. Eeles Frederick Harry (inventor). Issued 3-16-26.

1,577,451. Support for bobbin holders. Delerue Alfred (inventor); Soc Des Etablissements Ryo Catteau (grantee). Issued 3-23-26.

1,577,518. Machine for removing the heads and guts of fish. Chauveur Joseph Eugene Amand (inventor); Soc P Navarre & Fils (grantee). Issued 3-23-26.

1,578,258. Means for generating high frequency currents. Blondel Andre et al, Touly Marcel (inventors). Issued 3-30-26.

1,578,268. Variable speed transmission. De Lavaud Dimitri Sensaud (inventor). Issued 3-30-26.

1,578,308. Suspension for vehicles. Amedee Mannheim Charles (inventor). Issued 3-30-26.

1,578,358. Electric lamp for cinematographic apparatus. Penin Emile Christian (inventor); Pathe Cinema Anciens Etablissements, Pathe Freres (grantees). Issued 3-30-26.

1,578,471. Lubrication of internal combustion engines. Saives Leon (inventor); Renault Louis (grantee). Issued 3-30-26.

1,578,751. Apparatus for producing hooping effects in metal tubes of great strength. Methlin Nicolas Emilien (inventor); Schneider and Cie (grantee). Issued 3-30-26.

1,578,753. Elastic steering wheel for motor vehicles. Ostheimer Fred R (inventor). Issued 3-30-26.

1,579,027. Process for the manufacture of tools or implements. Pailloncy Armand (inventor). Issued 3-30-26.

1,579,090. Process for the treatment of molasses and sugary juices with a view to the recovery of the sugar. DeGuide Camille (inventor). Issued 3-30-26.

1,579,287. Sparking advance control device for explosion engines. Duten Maurice (inventor). Issued 4-6-26.

1,579,335. Gas producer for self propelled vehicles. Saives Leon (inventor); Renault Louis (grantee). Issued 4-6-26.

1,579,345. Plate carrying frame for photographic apparatus. Baille Jean Louis (inventor); Soc Baille Lemaire et Fils (grantee). Issued 4-6-26.

1,579,396. Automatic machine for manufacturing blown glass articles. Roirant Emile (inventor); S A D Etude et de Constructions, D Appareils Mechaniques Pour la Verrerie (grantees). Issued 4-6-26.

1,579,399. Machine for treating cinematographic films. Salins Georges Augustin (inventor); Pathe cinema Anciens Etablissements, Pathe Freres (grantees). Issued 4-6-26.

1,579,413. Sterilizing substance for toothbrushes and similar articles. Thesee Victor Julien Marie (inventor). Issued 4-6-26.

1,579,441. Toy vehicle. Falke Louis Francois Augustin (inventor). Issued 4-6-26.

1,579,735. Pipe. Ropp Eugene (inventor). Issued 4-6-26.

1,580,011. Vehicle wheel with cooling disk. Bugatti Ettore (inventor). Issued 4-6-26.

1,580,076. Machine for bead manufacture. Paisseau Jean (inventor). Issued 4-6-26.

1,580,202. Percussive tool. Jaffrennou Guillaume Marie (inventor). Issued 4-13-26.

1,580,482. Process and device for the production of producer gas used for propelling vehicles. Goulet Jean (inventor); S A Soc Francaise de Materiel, Agricole & Industriel (grantees). Issued 4-13-26.

1,581,012. Obtaining by a single operation a correct exposure of plates and cylinders comprising half tones accompanied by text or line drawings for helio engraving. Philippe Lucien Leon et al, Luginbuhl Hans (inventors). Issued 4-13-26.

1,581,204. Self priming centrifugal pump. Hariveau Paul (inventor). Issued 4-20-26.

1,581,340. Manufacture of vaccines. Goldenberg Lucien (inventor). Issued 4-20-26.

1,581,545. Process of preventing incrustation of pipes. Prache Charles (inventor). Issued 4-20-26.

1,581,591. Water heating system. Moreau Henri (inventor). Issued 4-20-26.

1,581,893. Grubbing up of such plants as flax and the like. Versnaeyen Adrien (inventor). Issued 4-20-26.

1,581,894. Dial for the transfer implements in machines for knitting welted and other fabrics. Vico Jean Baptiste (inventor). Issued 4-20-26.

1,581,916. Method of damping oscillations in leaf springs for vehicle suspension and other purposes. Broussouse Fernand Louis (inventor). Issued 4-20-26.

1,581,965. Machine for making wire fabric. Lebosse Albert Francois et al, Guyon Yves, Marty Rene Henri Charles (inventors). Issued 4-20-26.

1,581,989. Pipe. Tabenau David (inventor). Issued 4-20-26.

1,582,030. Pianoforte. Focke Henri et al, Marin Frederic (inventors). Issued 4-27-26.

1,582,032. Motion picture apparatus. Gauriat Pierre Sylvain (inventor); Pathe Cinema Anciens, Etablissements Pathe Freres (grantees). Issued 4-27-26.

1,582,049. Sound recording process. Johnson Francis Morton et al, Faucon Adelaide (inventors). Issued 4-27-26.

1,582,065. Motion picture apparatus. Marette Jacques (inventor); Pathe Cinema Anciens, Etablissements Pathe Frerers (grantees). Issued 4-27-26.

1,582,239. Control of carburetors for internal combustion engines. Barbarou Marius Jean Baptiste (inventor). Issued 4-27-26.

1,582,322. Control of belt tension in paper machines. Warren Francis W (inventor). Issued 4-27-26.

1,582,323. Tension roll bearing. Warren Francis William (inventor). Issued 4-27-26.

1,582,329. Belt buckle. Baer Ernest Rene (inventor). Issued 4-27-26.

1,582,477. Steering arrangement for light motor vehicles. Lafitte Theodore (inventor). Issued 4-27-26.

1,582,641. Trawling gear. Danielou Rene Louis Marie et al, Verhoeven Jacquise Jules (inventors); Vigneron Dahl and Cie (grantee). Issued 4-27-26.

1,582,710. Trawling gear. Vigneron Jean Baptiste Joseph Alphonse (inventors). Issued 4-27-26.

1,582,736. Device for raising carriage and other windows. Cousinard Albert (inventor). Issued 4-27-26.

1,582,763. Internal combustion engine. Lafitte Theodore (inventor). Issued 4-27-26.

1,582,775. Process for the preparation of hydroxy aliphatic arsonic acids. Oechslin Carl (inventor); Etablissements Poulenc Freres (grantee). Issued 4-27-26.

1,582,776. Process for the preparation of substituted aliphatic arsonic acids. Oechslin Carl (inventor); Etablissements Poulenc Freres (grantee). Issued 4-27-26.

1,582,779. Knitting machine of the raschel or chaine type. Philippe James Eugene (inventor). Issued 4-27-26.

1,582,831. Cement roasting apparatus . Lanhoffer Ivan Emile (inventor). Issued 4-27-26.

1,582,908. Log sawing machine. Drouet Albert (inventor); S A Margcol (grantee). Issued 5-4-26.

1,582,935. Bearing. Schneider Eugene (inventor); Schneider and Cie (grantee). Issued 5-4-26.

1,583,009. Fire brick panel. Reille Jean Rene Charles, Francois Xavier (inventors). Issued 5-4-26.

1,583,048. Separating device operating by centrifugal force. Karpinsky Stephan et al, Anderson James Stewart (inventors). Issued 5-4-26.

1,583,162. Apparatus for the application of hydraulic pressure to the interior of a tube being shaped by the self hooping process. Methlin Nicolas Emilien (inventor); Schneider and Cie (grantee). Issued 5-4-26.

1,583,229. Method of manufacture of articles in fused silica. George Henri (inventor); S A Quartz and Silice (grantee). Issued 5-4-26.

1,583,239. Closed road motor vehicle body. Weymann Charles Terres (inventor). Issued 5-4-26.

1,583,248. Process for bottom casting. Durville Pierre Henri Gaston (inventor). Issued 5-4-26.

1,583,359. Stabilizer for the straight travel of aircraft. Mazade Maurice Alexandre (inventor). Issued 5-4-26.

1,583,429. Single working chamber turbo-pulverizer. Stein Charles M (inventor); S A La Combustion Rationnelle (grantee). Issued 5-4-26.

1,583,436. Furnace for the combustion of fuel. Atkinson James S (inventor); S A des Appareils de Manutention and Fours Stein (grantees). Issued 5-4-26.

1,583,530. Clutch mechanism. De Lavaud Dimitri Sensaud (inventor). Issued 5-4-26.

1,583,531. Variable speed power transmission. De Lavaud Dimitri Sensaud (inventor). Issued 5-4-26.

1,583,532. Power transmission mechanism. De Lavaud Dimitri Sensaud (inventor). Issued 5-4-26.

1,583,628. Coupling and entraining device forming a speed regulator. Vuillerme Marcel (inventor). Issued 5-4-26.

1,583,858. Gun mounting laying and sighting arrangement for artillery on aeroplanes. Schneider Eugene (inventor); Schneider & Cie (grantee). Issued 5-11-26.

1,584,170. Loud speaking electromagnetic receiver. Gaumont Leon (inventor); Soc des Etablissements Gaumont (grantee). Issued 5-11-26.

1,584,182. Corrector for fire control systems. Methlin Nicolas Emilien (inventor); Schneider & Cie (grantee). Issued 5-11-26.

1,584,383. High speed electric machine. Leblanc Charles Leonard Armand Maurice (inventors); S. A. Pour 1 Exploitation des Procedes Maurice Leblanc Vickers (grantees). Issued 5-11-26.

1,584,410. Pocket vaporizer or spray apparatus. Vendome Raoul et al, Marcoux Henri (inventors); Franck Marcel (grantees). Issued 5-11-26.

1,584,808. Rotary molding machine. Ronceray Eugene Victor (inventor). Issued 5-18-26.

1,585,099. Supporting truck for endless track belts. Kegresse Adolphe (inventor). Issued 5-18-26.

1,585,100. Load distributing device for endless track vehicles. Kegresse Adolphe (inventor). Issued 5-18-26.

1,585,113. Respirator for gas masks. Robert Remy Jules (inventor); La Soc d Etudes et de Construction de Materiel de Protection Siege Social (grantees). Issued 5-18-26.

1,585,156. Shock absorber. La Forge Pierre (inventor). Issued 5-18-26.

1,585,187. Rotary pump. Drevet Claude Marius (inventor). Issued 5-18-26.

1,585,206. Asynchronous motor. Perret Joseph (inventor); Forges & Ateliers de Constructions Electriques de Jeumont S A (grantees). Issued 5-18-26.

1,585,232. Oil break electric switch. Charpentier Paul (inventor); Forges & Ateliers de Constructions Electriques de Jeumont (grantees). Issued 5-18-26.

1,585,328. Collapsible packing case. Chapotat Emile (inventor). Issued 5-18-26.

1,585,631. Extension arrangement for the propeller shafts of aviation engines. Heinrich Jean Marie (inventor); Soc des Moteurs Salmson Systeme Canton Unne grantees). Issued 5-18-26.

1,585,835. Automatic weighing apparatus. Durand Paul (inventor). Issued 5-25-26.

1,585,849. Means for connecting electric cables to carbon brushes or the like. Gindre Eugene (inventor); S A le Carbone (grantee). Issued 5-18-26.

1,585,985. Lubricating arrangement for motors. Heinrich Jean Marie (inventor); Soc des Moteurs Salmson Systeme Canton Unne (grantees). Issued 5-25-26.

1,586,006. Device for injecting pulverizing and vaporizing fuel in internal combustion engines. Rochefort Francois (inventor). Issued 5-25-26.

1,586,062. Lime treatment of skins. Bourguignon Maurice (inventor); Soc du Feutre (grantee). Issued 5-25-26.

1,586,092. Machine for making hat shapes. Leick Nicolas (inventor); Soc Leroy & Cie the (grantee). Issued 5-25-26.

1,586,105. Pipe coupling. Moulet Jean Louis Leon Alexandre Albert (inventors). Issued 5-25-26.

1,586,190. Body for motor vehicles. Fontan Andre Lewis (inventor); Delage & Cie (grantee). Issued 5-25-26.

1,586,226. Automatic valve with flexible blades for high speed pumps. Tartrais Eugene Henri (inventor). Issued 5-25-26.

1,586,385. Method and apparatus for coating confections. Savy Emile Louis Alfred (inventor). Issued 5-25-26.

1,586,386. Confection coating apparatus. Savy Emile Louis Alfred (inventor). Issued 5-25-26.

1,586,406. Process for the insulation of accumulator plates of different polarities. Caillard Leon (inventor). Issued 5-25-26.

1,586,461. Life guard for motor vehicles. Padovani Francois (inventor). Issued 5-25-26.

1,586,462. Support serving as core for beads during their manufacture. Paisseau Jean (inventor). Issued 5-25-26.

1,586,599. Vertical heating furnace. Bohler Ernst (inventor). Issued 6-1-26.

1,587,020. Method of making wheel rims. Michelin Andre Jules (inventor). Issued 6-1-26.

1,587,364. Momentum brake for railway vehicles. Boirault Louis (inventor). Issued 6-1-26.

1,587,372. Loud speaking telephone. Franses Samuel Moise (inventor). Issued 6-1-26.

1,587,415. Motion picture projecting apparatus. Rebillon Ernst Louis Victor et al, Adam Rene (inventors). Issued 6-1-26.

1,587,594. Wheel for locomotives and other purposes. Leonard Nestor (inventor). Issued 6-8-26.

1,587,645. Control of electric motors. Hicguet Robert (inventor); La Traction Electrique Rationnelle (grantee). Issued 6-8-26.

1,587,763. Control device for talking machines. De Wrangel Mathieu (inventor). Issued 6-8-26.

1,587,789. Flotation of ores. Morse Harry W. (inventor); Cie Du Boleo A Corps of France (grantee). Issued 6-8-26.

1,587,800. Centrifugal purifying apparatus for lubricating oil. Saives Leon (inventor). Issued 6-8-26.

1,587,814. Nonslipping device for vehicle wheels. Blum Charles (inventor). Issued 6-8-26.

1,587,815. Apparatus for use in mounting slotting and like tools. Boas Andre (inventor). S A des Engrenages Citroen The (grantee). Issued 6-8-26.

1,587,821. Articulator. Darcissac Marcel Paul (inventor). Issued 6-8-26.

1,587,923. Wheel for motor vehicles. Rouanet Louis (inventor); Cie D Applications Mecaniques The (grantee). Issued 6-8-26.

1,588,097. Stenographic machine. Dold Victor Charles (inventor). Issued 6-8-26.

1,588,103. Manufacture of rubber and cork articles. Grimoin Sanson Raoul (inventor). Issued 6-8-26.

1,588,286. Control mechanism. Weismann Charles (inventor). Issued 6-8-26.

1,588,305. Disk clutch. Buisson Eugene (inventor). S A Francaise Du Ferodo (grantee). Issued 6-8-26.

1,588,607. Process for rendering a porous powder impermeable to liquids. Oppenheim Rene (inventor); S A Le Carbone (grantee). Issued 6-15-26.

1,588,608. Galvanic battery. Oppenheim Rene (inventor); S A Le Carbone (grantee). Issued 6-15-26.

1,588,623. Automobile electric lighting system. Scherer Benoit (inventor). Issued 6-15-26.

1,588,761. Method of making a brazing stick. Ligot Albert Joseph (inventor); Soc Des Plaques et Poudres a Souder (grantee). Issued 6-15-26.

1,588,845. Radiator. Lamblin Alexandre (inventor). Issued 6-15-26.

1,589,273. Machine for making bolts pins spindles valves and the like. Vaurs Baptiste (inventor). Issued 6-15-26.

1,589,346. Lay actuated bobbin changing device. Antoine Auguste (inventor). Issued 6-22-26.

1,589,504. Apparatus for obtaining vitamines. Agopian Levon Arakel (inventor). Issued 6-22-26.

1,589,517. Resilient padding. Desmarquoy Leon Emmanuel Bruno (inventor). Issued 6-22-26.

1,590,073. Apparatus for distributing liquids by rotary spindles. Birkigt Marc (inventor) Issued 6-22-26.

1,590,123. Method of and machine for forming seamless tubing. Riebe Edgar C (inventor). Issued 6-22-26.

1,590,427. Speed change mechanism. De Lavaud Dimitri Sensaud (inventor). Issued 6-29-26.

1,590,501. Sporting gun cartridge plug. Deschiens Victor (inventor); Esteban Reynolds Joseph Francois (grantee). Issued 6-29-26.

1,590,531. Apparatus for the hydraulic unloading of material. Lemaitre Paul Joseph (inventor). Isssued 6-29-26.

15,90,532. Method and arrangement for the examination and the regulation of optical systems. Lenouvel Leon (inventor). Issued 6-29-26.

1,590,540. Constant pressure boiler. Oddon Jean Emile (inventor). Issued 6-29-26.

1,590,581. Heating apparatus. Irie Rene Auguste (inventor). Issued 6-29-26.

1,590,697. Manufacture of titanic and zinc compounds. Pipereaut Pierre et al, Helbronner Andre (inventors). Issued 6-29-26.

1,590,770. Device for photographing titles upon cinematographic films. Merle Andre Noel (inventor); Pathe Cinema Anciens Etablissements, Pathe Freres (grantees). Issued 6-29-26.

1,590,782. Transparent dope and process for the manufacture of the same. Tesse Theodore Francois (inventor); Tesse Theodore Francois, Soc Nauton Freres & De Marsac (grantees). Issued 6-29-26.

1,590,783. Aeroplane fabric and process of coating the same. Tesse Theodore F (inventor). Issued 6-29-26.

1,591,144. Elastic suspension for automobiles. Rousseau Louis Frederic (inventor). Issued 7-6-26.

1,591,283. Pulverizing machine. Charton Edmond et al, Mongereau Pierre Maurice (inventors). Issued 7-6-26.

1,591,360. Process of and apparatus for determining the elastic properties of plastic materials. Chopin Marcel (inventor); Soc D Exploitations de Brevets et D Applications Industrielles (grantees). Issued 7-6-26.

1,591,436. Machine for the automatic coloring of films. Salins Georges Augustin (inventor); Pathe Cinema Anciens Etablissements, Pathe Freres (grantees). Issued 7-6-26.

1,591,456. Band saw guide. Knecht Henry (inventor). Issued 7-6-26.

1,591,470. Reduction of ores with continuous regeneration and transformation of the residual gas produced during reduction into fresh reducing gas. Constant Georges et al, Bruzac Andre (inventors). Issued 7-6-26.

1,591,877. Distance Finder. Nectoux Andre Francois (inventor); Soc Des Lunetiers (grantee). Issued 7-6-26.

1,591,958. Process of producing arsenate of lime. Bidaud Florentin (inventor); Soc Chimique des Usines du Rhone (grantee). Issued 7-13-26.

1,592,093. Pipe union: Foucault Jacques (inventor). Issued 7-13-26.

1,592,097. Drawing roller. Gegauff Charles (inventor). Issued 7-13-26.

1,592,112. Refining. Lamy Torrilhon Hippolyte Marcel (inventor). Issued 7-13-26.

1,592,222. Electric battery cell. Oppenheim Rene (inventor); S. A. Le Carbone (grantee). Issued 7-13-26.

1,592,715. Braking device. Birkigt Marc (inventor). Issued 7-13-26.

1,592,730. Wattmeter of the induction type. Fichter Rene Marcel (inventor). Issued 7-13-26.

1,592,755. Method of manufacture of light front axles for motor vehicles. Bugatti Ettore (inventor). Issued 7-13-26.

1,593,054. Furnace for glass manufacture. Arbeit Pierre (inventor); Manufactures des Glaces & Produits, Chimiques de St. Gobain Chauny & Cirey (grantees). Issued 7-20-26.

1,593,089. Apparatus for indicating the course of aircraft. Marcelin Andre Jules (inventor). Issued 7-20-26.

1,593,422. Internal combustion engine radiator. Botali Gaston Francois (inventor); Lamblin Alexandre (grantee). Issued 7-20-26.

1,593,448. Apparatus for carbonizing coal. Hayes Charles (inventor). Issued 7-20-26.

1,593,449. Carbonizing process. Hayes Charles (inventor). Issued 7-20-26.

1,593,485. Antiseptic product. Crosnier Georges Eugene Edme (inventor). Issued 7-20-26.

1,593,788 Process for quick retting of flax hemp and other textile plants. Austerweil Geza et al, Peufaillit Louis (inventors). Issued 7-27-26.

1,593,888. Lubricating appliance. Trinquart Louis Gaston (inventor). Issued 7-27-26.

1,593,967. Method for exposing and projecting cinematographic films. Debrie Andre Leon Victor Clement (inventor). Issued 7-27-26.

1,593,982. Process for the manufacture of perylene. Marschalk Charles Henri (inventor). Issued 7-27-26.

1,593,986. Device for anchoring screws and nails in wall cavities. Poirier Rene Eugene (inventor). Issued 7-27-26.

1,594,084. Latch for doors of motor cars. Weymann Charles Torres (inventor). Issued 7-27-26.

1,594,109. Operating and locking device for pivoting panels. Rodanet Charles Hilaire Henri (inventor); Weymann Charles Torres (grantee). Issued 7-27-26.

1,594,250. Miner's incandescent safety lamp. Ferrette Louis Ernest Francois (inventor). Issued 7-27-26.

1,594,272. Fastening device for doors of motor vehicles. Salin Rachel nee Levy (inventor). Issued 7-27-26.

1,594,389. Process for retting or steeping flax and other vegetable fibers. Thellier Henri (inventor); Soc Pour l Application Industrielle des Brevets Peufaillit (grantees). Issued 8-3-26.

1,594,782. Combined control for purifying selecting sorting and like drums. Lamort Ernest et al, Lamort Marcel (inventors). Issued 8-3-26.

1,594,820. Washing machine. Didion Eugene (inventor). Issued 8-3-26.

1,594,838. Dust cap. Kegresse Adolf E. (inventor). Issued 8-3-26.

1,594,895. Control device for the film gates in motion picture apparatus. Merle Andre Noel (inventor); Pathe Cinema Anciens Etablissements, Pathe Freres (grantees). Issued 8-3-26.

1,595,042. Metallic construction of surfaces or parts of aeroplanes or the like. Wibault Michel Henry Marie Joseph (inventor); S. A. des Avions Michel Wibault (grantee). Issued 8-3-26.

1,595,293. Traction installation with direct current motor. De Saint Martin Jacques Paul Antoine Minette (inventor); La Traction Electrique Rationnelle (grantee). Issued 8-10-26.

1,595,425. Grate for gas producers furnaces and the like. Sauvageot Jean (inventor). Issued 8-10-26.

1,595,997. Optical apparatus containing films, Cocanari Silvio (inventor); Pathe Cinema Anciens Etablissements, Pathe Freres (grantees). Issued 8-17-26.

1,596,012. Motion picture projection apparatus. Gauriat Pierre Sylvain (inventor); Pathe Cinema Anciens Etablissements, Pathe Freres (grantees). Issued 8-17-26.

1,596,016. Apparatus for coating the internal wall of preserve boxes or tins with metal foil or paper. Guillemin Jacques Jules Joseph (inventor). Issued 8-17-26.

1,596,052. Scavenger for water of condensation. Legrand Jean Baptiste, Theophile Adrien (inventors); Soc. Adrien Legrand et Cie (grantee). Issued 7-17-26.

1,596,084. Toy firing device for children's use. Davidson Eric (inventor). Issued 8-17-26.

1,596,238. Variable power transmission. De Lavaud Dimitri Sensaud (inventor). Issued 8-17-26.

1,596,325. Process for the separation of orthochlorotoluene and parachlorotoluene. Wahl Andre Raoul (inventor); S. A. des Matieres Colorantes et Produits Chimiques de Saint Denis (grantees). Issued 8-17-26.

1,596,481. Illuminating device for cinematographic projection apparatus. Debrie Andre Leon Victor Clement (inventor). Issued 8-17-26.

1,596,517. Coupling device for automobile self starters and dynamos. Dutreux Auguste (inventor); S. A. Pour L. Equipement Electrique des Vehicles (grantees). Issued 8-17-26.

1,596,599. Free wheel clutch. De Lavaud Dimitri Sensaud (inventor). Issued 8-17-26.

1,596,669. Reenforcement. Ligonnet Eugene (inventor). Issued 8-17-26.

1,596,670. Combination lock. Linlaud Guillaume (inventor). Issued 8-17-26.

1,596,745. Yielding connection between two pieces of fabric leather etc. Lindauer Jules (inventor). Issued 8-17-26.

1,596,936. Case or holder for maps and plans. Mengden Georges (inventor). Issued 8-24-26.

1,596,949. Page end indicator for typewriting machines. Seigneur Adalbert (inventor). Issued 8-24-26.

1,597,570. Method of making coal briquettes of anthracitic quality from immature carboniferous substances. Beaudequin Jacques (inventor). Issued 8-24-26.

1,597,571. Process for manufacturing briquettes. Beaudequin Jacques (inventor). Issued 8-24-26.

1,597,689. Diaphragm fuel pump. Moulet Jean Louise Leon Alexandre Albert (inventor). Issued 8-31-26.

1,597,690. Gasoline pump. Moulet Jean Louis Leon Alexandre Albert (inventor). Issued 8-31-26.

1,597,831. Brake for rail vehicles. Saives Leon (inventor); Renault Louis (grantee). Issued 8-31-26.

1,598,006. Door closing and fastening apparatus. Perlat Victor Alexandre (inventor); Soc. En. Nom. Collectif G. Moreux & Cie (grantee). Issued 8-31-26.

1,598,066. Reserve thread mechanism for self acting spinning mules. Dupont Rene Abel (inventor). Issued 8-31-26.

1,598,141. Apparatus for testing textiles and like materials. Lahousse Joseph Edouard Gustave (inventor); Soc Chimique Des Usines Du Rhone (grantee). Issued 8-31-26.

1,598,268. Electric propulsion of ships and other vehicles. De Coninck Marcel (inventor). Issued 8-31-26.

1,598,370. Manufacture of phosphoric esters of polyhydric alcohols. Goissedet Paul Emile et al, Husson Andre Louis (inventors); Soc Chimique Des Usines Du Rhone (grantee). Issued 8-31-26.

1,598,521. Muffler. Hazeltine Robert H (inventor). Issued 8-31-26.

1,598,547. Method of removing tar from the vapors arising from the carbonization of wood. Barbet Emile Augustin (inventor). Issued 8-31-26.

1,598,548. Refining alcohol. Barbet Emile Augustin (inventor). Issued 8-31-26.

1,598,586. Electric apparatus serving as a dynamo or motor and as an engine starter. Lanquetin Leon (inventor); Soc Etablissements Ducellier (grantee). Issued 8-31-26.
1,599,061. Dry battery or battery with a solidified electrolyte. Oppenheim Rene (inventor); S A Le Carbone (grantee). Issued 9-7-26.
1,599,099. Device for obtaining a tight and rapid connection with lubricators. Muller Jacques (inventor). Issued 9-7-26.
1,599,444. Process for the preparation of new derivatives of naphthoquinone. Wahl Andre et al, Lantz Robert (inventors); S A Des Matieres Colorantes Et Produits Chimiques De Saint Denis (grantee). Issued 9-14-26.
1,599,457. Fuel burner. Chaleil Paul Alexis (inventor); Soc Rateau (grantee). Issued 9-14-26.
1,599,466. Motion amplifying device. Courdou Charles Edouard Pierre (inventor). Issued 9-14-26.
1,599,484. Film holding device. Penin Emile Christian (inventor); Pathe Cinema anciens Etablissements Pathe Freres (grantee). Issued 9-14-26.
1,599,508. Purification of cellulose ethers. Altwegg Jean et al, Maillard Charles Antoine (inventors); Soc Chimique Des Usines Du Rhone (grantee). Issued 9-14-26.
1,599,578. Blower for fuel burners. Maze Pierre (inventor). Issued 9-14-26.
1,599,839. Device for obtaining a pronounced impression of relievo with ordinary cinematographic view taking & projecting apparatus. Rignon Joseph Albert (inventor). Issued 9-14-26.
1,599,869. Process of manufacturing aluminum alloy. Berthelemy Pierre et al. De Montby Henry (inventors). Issued 9-14-26.
1,599,984. Device for the lateral maintenance of the lifting rods of forging hammers to prevent their distortion. Bugatti Ettore (inventor). Issued 9-14-26.
1,599,993. Print wrapping machine. Duplay Jean Marcel Regester (inventor). Issued 9-14-26.
1,600,084. Hand propelled boat. Adolph Joseph Gustave (inventor). Issued 9-14-26.
1,600,099. Calendar. De Jongh Philippe Joseph (inventor). Issued 9-14-26.
1,600,105. Power generating device. Fonkiewicz Joseph (inventor). Issued 9-14-26.
1,600,121. Mercury stabilizer for aeroplanes airships & other aircraft. Mazade Maurice Alexandre (inventor). Issued 9-14-26.
1,600,184. Loom for weaving double pile fabrics. Lafond Louis (inventor). Issued 9-14,26.
1,600,200. Carding machine. Pievet Eugene (inventor). Issued 9-14-26.
1,600,917. Automatic liquid weighing machine. Willaime Georges Louis (inventor). Issued 9-21-26.
1,600,923. Photographic film for color photography. Berthon Rodolphe (inventor); Soc Du Film K D B (grantee). Issued 9-21-26.
1,600,938. Automatic tabulator. Garda Enrico (inventor). Issued 9-21-26.
1,601,029. Process for joining concrete tubes. Ligonnet Eugene (inventor). Issued 9-28-26.
1,601,247. Apparatus for the production and maintenance and utilization of vibratory motion. Garbarini Andre (inventor). Issued 9-28-26.
1,601,355. Heat exchanger. Esbran Marcel Eugene (inventor); Firage Et Ventilation Mechaniques (grantee). Issued 9-28-26.
1,601,523. Apparatus for the manufacture of articles in silica glass. George Henri (inventor); S A Quartz & Silice (grantee). Issued 9-28-26.
1,601,627. Medicine bottle. Julliard Maurice (inventor). Issued 9-28-26.
1,601,649. Pedal with double pivot joint. Schaeffer Charles (inventor); S A Des Anciens Etablissements Paphard & Lavassor (grantee). Issued 9-28-26.
1,601,864. Apparatus for the projection of microscopic images. Leroux Paul Henri Roger (inventor). Issued 10-5-26.
1,601,893. Trawling gear. Vigneron Jean Baptiste Joseph Alphonse (inventor); Vigneron Dahl & Cie (grantee). Issued 10-5-26.
1,602,029. Process of treating protein material. Krempf Armand (inventor); Soc Civile D Etudes Des Produits De La Mer (grantee). Issued 10-5-26.
1,602,058. Two stroke internal combustion engine. Violet Marcel Achille (inventor). Issued 10-5-26.
1,602,147. Refrigerating apparatus. Delaygue Charles (inventor). Issued 10-5-26.
1,602,148. Refrigerating apparatus. Delayque Charles (inventor). Issued 10-5-26.
1,602,154. Apparatus for insuring intimate admixture of pulverulent or granular matter and a liquid product. Hidoux Georges (inventor); Soc D Exploitation Des Procedes Hidoux (grantee). Issued 10-5-26.
1,602,251. Process and apparatus for taking cinematographic views and films obtained thereby. Quidor Auguste Joseph et al, Herubel, Marcel Adolphe (inventors). Issued 10-5-26.
1,602,273. Refractory products and their manufacture. Le Coultre Frederic Charles Fridtjof (inventor); Soc D Etude Des Agglomeres (grantee). Issued 10-5-26.
1,602,278. Cutting match sticks. Mange Frederic (inventor). 10-5-26.
1,602,282. Self hooping of metal tubes. Methlin Nicolas Emilien (inventor); Schneider & Cie (grantee). Issued 10-5-26.
1,602,755. Metallic propeller with adjustable pitch and detachable blades. Deflage Gustave (inventor); S A Nieuport Astra (grantee). Issued 10-12-26.
1,602,857. Hydraulic molding machine. Ronceray Eugene Victor (inventor). Issued 10-12-26.
1,602,980. Easel for field use convertible into an easel carrying a sunshade. Jacque Louis Gaston (inventor). Issued 10-12-26.
1,603,006. Heat generator. Genevee Pierre Emile Marie (inventor). Issued 10-12-26.
1,603,453. Resilient wheel for vehicles. Coste Jean Francois Pascal (inventor). Issued 10-19-26.
1,603,458. Machine for testing sheet metal for drawing purposes. Guillery Rene (inventor). Issued 10-19-26.
1,603,472. Manufacture and extraction of nitrogenous products from products of vegetable origin. Kahn Maurice (inventor). Issued 10-19-26.
1,603,522. Apparatus for stretching fabrics in sheets to be subjected to wet treatment. Dillier Sebastien (inventor). Issued 10-19-26.
1,603,658. Apparatus for the automatic playing of violins or other stringed musical instruments played with bows. Aubry Emile et al, Boreau Gabriel (inventors). Issued 10-19-26.
1,603,659. Internal combustion engine. Breguet Louis (inventor); S A des Ateliers D Aviation Louis Breguet (grantee). Issued 10-19-26.
1,603,961. Process for the production of briquetted fuel with asphaltic bitumens as binders. Liais Lucien (inventor). Issued 10-19-26.
1,604,320. Operating device for the braking of motor driven vehicles. Saives Leon (inventor); Renault Louis (grantee). Issued 10-26-26.
1,604,485. Apparatus for the printing of cinematographic films. Salins Georges Augustin (inventor); Pathe Cinema Anciens Etablissements Pathe Freres (grantees). Issued 10-26-26.
1,604,535. Brake device for the front wheel of road vehicles. Saunion Lucien (inventor). Issued 10-26-26.
1,604,572. Bookkeeping device. Hausheer Max (inventor). Issued 10-26-26.
1,604,697. Draft bar for tractors and trailers. Kegresse Adolphe (inventor). Issued 10-26-26.
1,604,883. Pantograph. Deve Charles (inventor). Issued 10-26-26.
1,604,891. Perforating machine. Eeles Frederick Harry et al, Duchard Henri Maurice (inventors); Duchard Henri Maurice (grantee). Issued 10-26-26.
1,605,220. Appliance for housing and handling motor cars. Cuvillier Lucien et al, Stern Hubert (inventors). Issued 11-2-26.
1,605,600. Molding press to make molder blocks. Metz Charles et al, Schoenbacher Georges (inventors). Issued 11-2-26.
1,605,744. Latch. Lievre Gaetan P (inventor). Issued 11-2-26.
1,606,093. Elastic suspension for the rear fork of a bicycle. Mohin Abel (inventor). Issued 11-9-26.
1,606,264. Double ignition arrangement for explosion motors. Saives Leon (inventor). Issued 11-9-26.
1,606,276. Apparatus and method for the production of incandescent lamps. Vello Leopoldo Sanchez (inventor). Issued 11-9-26.
1,606,322. Rotary drying or torrefying apparatus. Scrive Paul (inventor). Issued 11-9-26.
1,606,326. Electric cell. Street Ernest Auguste George (deceased) et al, Street Janetta Amelia (born Ritchie) (administratrix) (inventor); S A Le Carbone (grantee). Issued 11-9-26.
1,606,378. Straight bar knitting machine. Noble Emile Arsene (inventor); S A des Etablissements Delostal Freres (grantee). Issued 11-9-26.
1,606,386. Plate spring for vehicles. Rouanet Louis (inventor); Cie d'Applications Mecaniques (grantee). Issued 11-9-26.
1,606,624. Manufacture of a symmertical ureide of meta aminobenzoyl meta amino methylbenzoyl 1 naphthylamino 4, 6, 8, trisuphonate of sodium. Fourneau Ernest et al, Trefouel Jacques C (inventors); Etablissements Poulenc Freres (grantee). Issued 11-9-26.
1,606,683. Brake control mechanism. Athimon Francis (inventor). Issued 11-9-26.
1,606,690. Bearing for propeller shafts for motor vehicles. Bouton Georges Thadee (inventor); Etablissements de Dion Bouton S A (grantee). Issued 11-9-26.
1,606,958. Variable condenser with small loss. Picard Edmond (inventor). Issued 11-16-26.
1,607,117. Method of repairing rail joints. Delachaux Clarence L (inventor). Issued 11-16-26.
1,607,118. Method of and apparatus for repairing the ends of rails by the alumino thermic process. Delachaux Clarence L (inventor). Issued 11-16-26.
1,607,173. Internal combustion engine. Saives Leon (inventor); Renault Louis (grantee). Issued 11-16-26.
1,607,291. Process for the recovery of the rubber and cotton contained in used motor car pneumatic tires. Marie Raymond (inventor). Issued 11-16-26.
1,607,293. Condensation product of acrolein and process of producing the same. Moureu Charles et al, Dufraisse Charles (inventors). Issued 11-16-26.
1,607,346. Air cooled engine cylinder. Heinrich Jean Marie (inventor); Soc des Moteurs Salmson Systeme Canton Unne (grantee). Issued 11-16-26.
1,607,688. Telescope of the right angled type with fixed eyepiece and movable objective chiefly applicable to the observation of aerial objects. Perrin Jean Baptiste et al, Marcelin Andre Jules (inventors). Issued 11-23-26.
1,607,705. Stamping and registering or counting apparatus. Tiranty Philippe Henri Louis et al, Conti James Tiburce Felix (inventors). Issued 11-23-26.

1,607,747. Spark plug employed chiefly for super compression engines. Pognon Maurice (inventor). Issued 11-23-26.

1,607,868. Automatic switch for distant control. Chauveau Louis Lucien Eugene (inventor). Issued 11-23-26.

1,607,919. Self propelled vehicle. Saives Leon (inventor); Renault Louis (grantee). Issued 11-23-26.

1,608,197. Joint for pipes and the like. Bille Leon (inventor). Issued 11-23-26.

1,608,288. Process of manufacture of calcium arsenate. Altwegg Jean (inventor); Soc Chimique des Usines du Rhone (grantee). Issued 11-23-26.

1,608,365. Preventing loss of volatile liquids. Bregeat Jean Henry (inventor). Issued 11-23-26.

1,608,553. Torque limiting device for clutches. Fieux Jean (inventor); S A les Appareils Fieux (grantee). Issued 11-30-26.

1,608,786. Electromagnetic device. Fery Charles Jean Victor (inventor). Issued 11-30-26.

1,608,846. Carburetor. Fauconnier Edouard et al, Simpere Albert (inventors). Issued 11-30-26.

1,608,862. Hair clip. Ribardiere Charles Emile (inventor). Issued 11-30-26.

1,609,154. Expressing press. Carteret Paul Adolphe (inventor). Issued 11-30-26.

1,609,183. Machine for cleaning fabrics and cutting the loose ends of weft threads at the selvages. Offroy Rene (inventor); Blondel Fils & Co (grantee). Issued 11-30-26.

1,609,284. Starting apparatus for internal combustion engines. Barbarou Marius Jean Baptiste (inventor). Issued 12-7-26.

1,609,304. Spool holder for braiding machine spindles. Perron Gustave (inventor). Issued 12-7-26.

1,609,305. Electrically operated automatic throwing out of gear mechanism for braiding machines. Perron Gustave (inventor). Issued 12-7-26.

1,609,503. Projection apparatus. Thuillant Robert (inventor). Issued 12-7-26.

1,609,659. Apparatus for producing artificial respiration. Panis Germain (inventor). Issued 12-7-26.

1,609,682. Protecting device against x rays and similar radiations. Angebaud Pierre Anne Marie Joseph (inventor). Issued 12-7-26.

1,609,684. Fishing winch or reel for casting. Bellon Louis Joseph Georges (inventor). Issued 12-7-26.

1,609,687. Electric meter. Brandt Charles Emil Jules et al Fouilleret Emile Albert Fichter Rene Marcel (inventors). Issued 12-7-26.

1,609,712. Process for the destructive distillation of vinasses. Guignard Gaston Philippe Dec (inventor); Guignard Leonie nee Brossier Admr Guignard Claude Andre Admr (grantees). Issued 12-7-26.

1,609,752. Tonneau windshield. Letourneur Jean Marie et al, Marchand Jean (inventors). Issued 12-7-26.

1,609,850. Closed road motor vehicle body. Weymann Charles Terres (inventor). Issued 12-7-26.

1,609,918. Heel for shoes. Perugia Andre (inventor). Issued 12-7-26.

1,609,976. Transmission of high tension currents. Viel Georges (inventor). Issued 12-7-26.

1,610,001. Delivery container. Foster Arnaud (inventor); Foster Arnaud Bellairs Nigel Adour Bellairs Hamon D Albin (grantees). Issued 12-7-26.

1,610,737. Double pivoted folding mirror Chiefly for use as pocket or hand bag mirrors. Blondin Michel Charles (inventor). Issued 12-14-26.

1,610,921. Invalid vehicle. Borowski Edmond Jean et al, Viaud Charles (inventors). Issued 12-14-26.

1,611,082. Apparatus for cooling hydrocarbon gases and vapors at high temperatures. Seigle Adolphe Antoine Francois Marius (inventors). Issued 12-14-26.

1,611,118. Electromechanical apparatus serving as an electric generator and engine starting device. Lanquetin Leon (inventor); Soc Etablissements Ducellier (grantee). Issued 12-14-26.

1,611,353. Safety device for aeroplanes. Lepinte Albert (inventor). Issued 12-21-26.

1,611,494. Box small chest case and similar article. Strauss Raphael (inventor); S A Dite Etablissments Strauss Allard Meyer (grantees). Issued 12-21-26.

1,611,498. Motor car windscreen. Van Hoeserlande Leon (inventor). Issued 12-21-26.

1,611,531. Process for autoheterolysis of animal and vegetable substances. Kahn Maurice et al, Le Breton Elaine Schaeffer Georges (inventors); Soc Francaiso Des Produits Alimentaires Azotes (grantees). Issued 12-21-26.

1,611,535. Air bottle for cycles. Lacquit Georges (inventor). Issued 12-21-26.

1,611,659. Visual indicator. Malivert Jules Eugene (inventor); S A Des Appereils J E Malivert (grantees). Issued 12-21-26.

1,612,053. Air supply cooling for combustion engines. Restany Joseph Louis Lazare (inventor); Soc Rateau (grantee). Issued 12-28-26.

1,612,113. Electropneumatic hammer. Guenee Albert Charles James (inventor). Issued 12-28-26.

1,612,241. Grain separator. Viguerie Charles Jean Baptiste (inventor). Issued 12-28-26.

1,612,242. Grain separator. Viguerie Charles Jean Baptiste (inventor). Issued 12-28-26.

1,612,319. Steering wheel brake. Rouanet Louis (inventor); Cie D Applications Mecaniques (grantee). Issued 12-28-26.

1,612,368. Motion picture apparatus. Gauriat Pierre Sylvain (inventor); Pathe Cinema Anciens Etablissments Pathe Freres (grantees). Issued 12-28-26.

1,612,421. Suspension of automobiles and other vehicles. De Ram Georges Henri Ernest (inventor). Issued 12-28-26.

1,612,427. Radio warning system for use on vehicles. Flurscheim Harry (inventor). Issued 12-28-26.

1,612,488. Automatic recording meter for liquids. Carbonaro Marius Clement (inventor); Soc Hardoll (grantee). Issued 12-28-26.

1,612,500. Cam device. Ezbelent Georges et al Ezbelent Roger (inventors). Issued 12-28-26.

1,612,595. Ferrocerium lighter. Mage Raoul et al Bleuze Edmond (inventors). Issued 12-28-26.

1,612,628. Process for the manufacture of articles in silica glass. George Henri (inventor). S A Quartz & Silice (grantee). Issued 12-28-26.

1,612,631. Loom and in weaving process. Goupy Andre (inventor). Issued 12-28-26.

1,612,646. Machine for beating furs and other similar objects. Ort Antoine (inventor). Issued 12-28-26.

1,612,656. Hinge attachment. Salin Rachel nee Levy (inventor). Issued 12-28-26.

1,613,226. Two cycle internal combustion engine. Held Georges (inventor); Legrand Albert L (grantee). Issued 1-4-27.

1,613,249. Speedometer. Seguin Augustin (inventor). Issued 1-4-27.

1,613,472. Closing of jars bottles or the like. Maingonnat Eugene (inventor). Issued 1-4-27.

1,613,504. Rolling lift bridge. Dayde Rene et al, Dayde Jacques (inventors). Issued 1-4-27.

1,613,554. Reciprocating bed motion. Berthiez Charles (inventor). Issued 1-4-27.

1,613,719. Backplate for artificial teeth. Platschick Benvenuto (inventor). Issued 1-11-27.

1,613,720. Traveling lock for gun carriages. Rimailho Emile (inventor); Cie Des Forges et Acieries de la Marine et D Homecourt (grantees). Issued 1-11-27.

1,614,051 Car for roundabouts. Tottereau Andre (inventor). Issued 1-11-27.

1,614,352. Process for purifying enriching or refining crude graphite. Dumond Edmond Jean Eugene (inventor). Issued 1-11-27.

1,614,358. Sink. Gandillon Pierre Albert (inventor). Issued 1-11-27.

1,614,364. Combined drying and grinding machine for clay and other plastic materials. Hiddoux Georges (inventor); Soc D Exploitation Des Procedes Hidoux (grantee). Issued 1-11-27.

1,614,380. Forceps for use in the manufacture of plates used in dental prosthesis. Moisan Edmond (inventor). Issued 1-11-27.

1,614,408. Process and apparatus for the dyeing of bell shaped felt pieces employed in hat manufacture. Stoffel Fernand (inventor). Issued 1-11-27.

1,614,493. Apparatus for distributing fuel. Rochefort Francois (inventor). Issued 1-18-27.

1,614,630. Weight operated plate or sheet sorting machine. Petin Hector (inventor); Soc Etablissements J J Camaud and Forges De Basse Indre (grantee). Issued 1-18-27.

1,614,803. Centrifugal oil separator for use with heat engines. Perrier Daniel (inventor); Cie Industrielle Des Moteurs A Explosion C I M E (grantee). Issued 1-18-27.

1,615,063. Method of and apparatus for determining the shapes of airplane parts. Benard Georges Louis Oliver (inventor). Issued 1-18-27.

1,615,136. Syringe for local anaesthesia. Raison Jean Louis (inventor). Issued 1-18-27.

1,615,293. Liquid fuel internal combustion engine. Tartrais Eugene Henri. Issued 1-25-27.

1,615,584. Sizing composition for coating purposes. Herve Fabrice Rene et al, Herve Maxime, Herve Andre (inventors). Issued 1-25-27.

1,615,712. System of navigation and plant for carrying it out. Loth William Arthur (inventor); Soc Industrielle Des Procedes W A Loth (grantee). Issued 1-25-27.

1,615,770. Process for the preparation of pearl essence. Paisseau Jean (inventor). Issued 1-25-27.

1,615,848. Variable condenser. Picard Edmond (inventor). Issued 2-1-27.

1,615,886. Process of collecting glass by suction. Roirant Emile (inventor); S A D Etudes Et De Constructions D Appariels Mechaniques Pour La Verrerie (grantee). Issued 2-1-27.

1,615,907. Device for magazining match sticks for their transfer to finishing stages. Mange Frederic (inventor). Issued 2-1-27.

1,615,910. Instrument for massaging the gums. Nuyts Paul Erasme Emile (inventor). Issued 2-1-27.

1,616,021. Shock absorber. Arzens Joseph Emile (inventor). Issued 2-1-27.

1,616,115. Mud guard. Delange Auguste (inventor). Issued 2-1-27.

1,616,116. Unleakable and uninflammable gasoline tank. De Salamanca Marquis (inventor); Soc Electromecanique D Appareillage Pour L Essence (grantee). Issued 2-1-27.

1,616,309. Luminous electric sign. EEles Frederick Harry et al, Duchard Henri Maurice (inventors); Duchard Henri Maurice (grantee). Issued 2-1-27.

1,616,310. Piston packing capable of resisting to a high temperature. Esnault Pelterie Robert (inventor). Issued 2-1-27.

1,616,311. Progressive change speed device. Esnault Pelterie Robert (inventor). Issued 2-1-27.

1,616,319. Process for the treatment of oleaginous seeds or oleaginous vegetable substances for the purpose of extracting the oil contained therein. Kammermann Georges (inventor). Issued 2-1-27.

1,616,335. Fuel injection device for internal combustion engines. Rochefort Francois (inventor). Issued 2-1-27.

1,616,504. Shock absorbing device for vehicles. Mulot Marcel Charles Ernest (inventor). Issued 2-8-27.
1,616,569. Time train. Benel Francois Ivan (inventor); Cie Industrielle De Mecanique Horlogere (grantees). Issued 2-8-27.
1,616,811. Condensing pump. Lemale Paul Charles (inventor). Issued 2-8-27.
1,616,930. Foldable comb. Strauss Charles (inventor). Issued 2-8-27.
1,617,205. Lubricating paddle for journal boxes. Eveno Georges (inventor). Issued 2-8-27.
1,617,208. Process and apparatus for the removal of oil from condensation waters. Gall Jean Baptiste et al, Adam Noel (inventors). Issued 2-8-27.
1,617,251. Fire extinguisher of the liquid type. Herbline Celestin (inventor). Issued 2-8-27.
1,617,323. Continuous feed cinematograph apparatus. Continsouza Victor et al, Combes Maurice (inventors). Issued 2-15-27.
1,617,646. Match stick conveying apparatus for use in connection with the manufacture of matches. Mange Frederic (inventor). Issued 2-15-27.
1,617,654. Means for cleaning sand filters of large surface. Sivade Andre (inventor). Issued 2-15-27.
1,617,745. Friction gripping means. Cousinard Albert (inventor). Issued 2-15-27.
1,617,965. Process for the manufacture of hydrogen. Rochet Joseph (inventor); Cie de Produits Chimiques et Electrometallurgiques Alais Froges et Camargue (grantees). Issued 2-15-27.
1,618,310. Speedometer. Seguin Augustin (inventor). Issued 2-22-27.
1,618,487. Hair waving device. Sponcet Eugene Charles Adolphe (inventor). Issued 2-22-27.
1,618,540. Process of coating cement pipes. Ligonnet Eugene (inventor). Issued 2-22-27.
1,618,563. Production of coke and semicoke. Bascou Emile Baptiste Gustave (inventor); S A Des Petroles Houilles et Derives (grantee). Issued 2-22-27.
1,618,865. Distillation and carbonization retort and process of operating the same. Duplan Francis (inventor). Issued 2-22-27.
1,618,919. Mud guard for motor vehicles. Dauteuil Edouard Fernand (inventor). Issued 2-22-27.
1,619,016. Clarification of beverages. Duclaux Jacques (inventor). Issued 3-1-27.
1,619,047. Window glass guide for vehicles and the like. Weymann Charles Torres (inventor). Issued 3-1-27.
1,619,552. Speed reducing gear. Waseige Charles (inventor). Issued 3-1-27.
1,619,812. Tire for vehicle wheels. Develay Marie Nicolas Albert (inventor). Issued 3-8-27.
1,619,852. Solder for aluminum and its alloys. Conti Emile (inventor). Issued 3-8-27.
1,619,943. Clockwork mechanism. Lehwess Edouard Ernest (inventor). Issued 3-8-27.
1,620,323. Elastic axle for motor vehicles. Bugatti Ettore (inventor). Issued 3-8-27.
1,620,367. Sound purifying device. Lion Henry (inventor). Issued 3-8-27.
1,620,408. Feed strip for firearms. Sutter Charles (inventor); S. A. des Anciens Etablissements Hotchkiss & Cie (grantees). Issued 3-8-27.
1,620,460. Traction device for vehicle wheels. Guerrini Luigi (inventor); S. A. des Dispositifs D Adherence, Guerrini (grantee). Issued 3-8-27.
1,620,567. Apparatus for continuous extraction by pressure. Navarre Placide (inventor); Soc. Fraisse Freres, Soc. P. Navarre et Fils (grantees). Issued 3-8-27.
1,620,696. Explosive. Segay Adolphe (inventor). Issued 3-15-27.
1,620,769. Radiator. Lamblin Alexandre (inventor). Issued 3-15-27.
1,621,101. Shuttle provided with a hand or automatic threading device. Bourgeois Constant (inventor). Issued 3-15-27.
1,621,148. Keyless combination lock mechanism for padlocks door locks and the like. Arnati Philippe (inventor). Issued 3-15-27.
1,621,279. Apparatus for controlling and distributing electric currents. Roucayrol Ernest (inventor). Issued 3-15-27.
1,621,311. Manufacture of fertilizers. Claude George (inventor); Soc. L Air Liquide S. A. Pour L'Etude Et L Exploitation des Procedes, Georges Claude (grantee). Issued 3-15-27.
1,621,371. Removable creeper for tractor belts. Kegresse Adolphe (inventor). Issued 3-15-27.
1,621,401. Pulp molding machine. Foy Fernand (inventor). Issued 3-15-27.
1,621,452. Means for regulating the voltage of dynamos of variable speed and load. Benit Henri (inventor); La Soc. Dite L. Eclairage des Vehicules Sur Rail (grantee). Issued 3-15-27.
1,621,481. Electric cell. Fery Charles (inventor). Issued 3-15-27.
1,621,834. Cutting device for cigarette machines. Danger Etienne (inventor); S. A. des Usines A. E. Decoufle (grantee). Issued 3-22-27.
1,622,123. Power loom for carpets. Renard Pierre, et al., Renard Ferdinand (inventors); Soc. Renard Frere et Fils (grantee). Issued 3-22-27.
1,622,191. Helicopter. Filippi Antoine Padoue (inventor). Issued 3-22-27.
1,622,315. Belt driving device for railway carriage dynamos. Guillou Henri (inventor). Issued 3-29-27.
1,622,366. Electrically controlled reproducing scriber. Bueno Emile (inventor). Issued 3-29-27.
1,622,379. Luminescent product. Guntz Antoine Auguste (inventor). Issued 3-29-27.
1,622,792. Machine for electric welding soldering or the like. Languepin Jacques Emile Jules (inventor). Issued 3-29-27.
1,622,871. Method and means for the ignition in internal combustion engines. Barbarou Marius Jean Baptiste (inventor). Issued 3-29-27.
1,622,883. Mercuryless hair secreting process for felt making. Pichard Charles, et al., Pichard Emile (inventors). Issued 3-29-27.
1,623,041. Valve gear in internal combustion engines. Barbarou Marius Jean Baptiste (inventor). Issued 4-5-27.
1,623,074. Fuel supply means for heavy oil engines. Tartrais Eugene Henri (inventor). Issued 4-5-27.
1,623,862. Automatic clutch. Broussouse Fernand Louis (inventor); Leboucher Paul Jules (grantee). Issued 4-5-27.
1,623,883. Method of manufacturing seamless rims and wheel disks. Michelin Andre Jules (inventor). Issued 4-5-27.
1,623,896. Apparatus for the industrial culture of ferments yeasts microbes and the like. Vigreux Charles (inventor); Etablissements Poulenc Freres (grantee). Issued 4-5-27.
1,623,956. Connecting member. Amiot Felix (inventor). Issued 4-12-27.
1,624,158. Electrical control system. Charpentier Paul (inventor); Forges & Ateliers de Constructions, Electriques de Jeumont S. A. (grantee). Issued 4-12-27.
1,624,363. Pump. Rey Augustin (inventor). Issued 4-12-27.
1,624,481. Steam generator. Duquenne Camille (inventor). Issued 4-12-27.
1,624,482. Circular knitting machine. Durand Eugene Henri Marie Emile (inventor). Issued 4-12-27.
1,624,571. River dam. Aubert Jean Marie Louis Antoine (inventor). Issued 4-12-27.
1,624,669. Projecting machine. Lehweses Edouard Ernest (inventor). Issued 4-12-27.
1,624,816. Device for projecting stationary or moving pictures in broad daylight. Triana Andre Elie Laurent et al, Triana Rodrigue Joseph Antoine, Ortiz Escofet Juan (inventors). Issued 4-12-27.
1,625,314. Electrical synchronizing system. Grunenwald Etienne Leon (inventor). Issued 4-19-27.
1,625,369. Method and device for rapidly solving ordinary problems in astronomic navigation. Loth William Arthur (inventor); Soc. Industrielle des Procedes W. A. Loth (grantee). Issued 4-19-27.
1,625,410. Universal joint for shafts. De Ram Georges Henri Ernest (inventor). Issued 4-19-27.
1,625,489. Liquid meter. Monard Alfred (inventor); Soc. L. Aster (grantee). Issued 4-19-27.
1,625,586. Method and apparatus for producing films for color photography. Audibert Jean (inventor); Soc. des Films en Couleur Keller, Dorain of France (grantee). Issued 4-19-27.
1,625,619. Electric lamp for cinematographic apparatus. Marette Jacques (inventor); Pathe Cinema Anciens Etablissements Pathe Freres (grantee). Issued 4-19-27.
1,625,627. Product for destroying mosquito Larvae. Roubaud Emile Charles Camille et al, Veillon Raymond Alexandre (inventors). Issued 4-19-27.
1,625,665. Cooling radiator for aeroplanes and other vehicles and process for its manufacture. Lamblin Alexandre (inventor). Issued 4-19-27.
1,625,719. Automatic regulator for internal combustion engines. Ferrette Louis (inventor). Issued 4-19-27.
1,625,732. Manufacture of butyric acids and other aliphatic acids. Le Franc Louis (inventor); Lefranc & Cie (grantee). Issued 4-19-27.
1,625,799. Automatic weighing machine. Durand Paul (inventor). Issued 4-26-27.
1,625,923. Operating and locking device for oscillating panels. Weymann Charles Terres (inventor). Issued 4-26-27.
1,625,940. Method and means for starting internal combustion engines. Herzmark Nicolas (inventor). Issued 4-26-27.
1,625,978. Controlling device for marine engines. Breland Eugene Francois Joseph (inventor). Issued 4-26-27.
1,626,085. Carburetor. Henriot Louis (inventor). Issued 4-26-27.
1,626,134. Method of manufacture of cut matrices adapted for the production of photographic surfaces comprising refracting elements. Devigny Michel (inventor). Issued 4-26-27.
1,626,188. Suspension of automobiles and other vehicles. De Ram Georges Henri Ernest (inventor). Issued 4-26-27.
1,626,560. Transmitting apparatus utilizing the principle of the wheatstone bridge. Schneider Eugene (inventor); Schneider & Cie (grantees). Issued 4-26-27.
1,626,755. Shock absorber. Pestourie Pierre (inventor). Issued 5-3-27.
1,626,818. Condensed milk and method of making same. Hatmaker James Robinson (inventor). Issued 5-3-27.
1,626,992. Powder puff. Willk Alexandre (inventor). Issued 5-3-27.
1,627,004. Aeroplane. Albessard Joseph (inventor). Issued 5-3-27.
1,627,198. Film winding and unwinding device for motion picture apparatus. Penin Emile Christian (inventor); Pathe Cinema Anciens Etablissements Pathe Freres (grantees). Issued 5-3-27.
1,627,233. Receptacle. D Arleux Roger Marie Georges Morel (inventor). Issued 5-3-27.
1,627,287. Endless supporting and driving flexible belt for motor and other vehicles. Kegresse Adolphe (inventor). Issued 5-3-27.
1,627,404. Nut lock. Outhier Marcel (inventor; S A Des Etablissements Kiblok (grantee). Issued 5-3-27.

1,627,767. Transmission by electric oscillations. Brillouin Leon Nicolas et al., Fromy Emile Marie Francois (inventors). Issued 5-10-27.

1,627,923. Automatic fire producing device. Neviere Louis Auguste (inventor). Issued 5-10-27.

1,627,951. Control of carburetors. Barbarou Marius Jean Baptiste (inventor). Issued 5-10-27.

1,627,953. Method of constructing metal wheels. Bouquet Edouard Wilfrid (inventor). Issued 5-10-27.

1,628,387. Thread feeding device for Tufted fabric looms. Boyer Fernand (inventor). Issued 5-10-27.

1,628,416. Means for attaching motion picture films to winding cores. Merle Andre Noel (inventor); Pathe Cinema Anciens Etablissements Pathe Freres (grantees). Issued 5-10-27.

1,628,430. Automatic water trap. Ribes Paul Charles (inventor). Issued 5-10-27.

1,628,445. Process for obtaining direct positives by reversal. Zelger Georges Emmanuel (inventor). Pathe Cinema Anciens Etablissements Pathe Freres (grantees). Issued 5-10-27.

1,628,507. Keyboard musical instrument with electromagnetic operation. Maitre Alcide Hector et al., Martin Victor Henri Gaston (inventors). Issued 5-10-27.

1,628,535. Process for the purification of abietic acid. Dupont Georges Honore (inventor). Issued 5-10-27.

1,628,549. Process for the manufacture of granular cellulose. Magondeaux Roger (inventor). Issued 5-10-27.

1,628,583. Elastic wheel. Du Chateau Jean Isadore (inventor). Issued 5-10-27.

1,628,683. Electric contact plug. Penin Emile Christian (inventor); Pathe Cinema Anciens Etablissements Pathe Freres (grantees). Issued 5-17-27.

1,628,710. Starting gear for fixed explosive motor engines and motor vehicles. De Changy Aime (inventor). Issued 5-17-27.

1,628,946. Time indicating device. Brown George H (inventor). Issued 5-17-27.

1,629,043. Apparatus for central heating. Moreau Henri (inventor). Issued 5-17-27.

1,629,198. Flying apparatus. Bibard Rene Auguste (inventor). Issued 5-17-27.

1,629,361. Hyperchromatic objective. Polack Aron (inventor). Isued 5-17-27.

1,629,487. Process of making paving blocks and slabs made of rubber compound. Draullette Edmond (inventor). Issued 5-24-27.

1,630,048. Process for utilizing hydrocarbons in internal combustion engines and apparatus therefor. Balachowsky Dmitry et al., Caire Philippe (inventors). Issued 5-24-27.

1,630,126. Cap or socket for incandescent electric lamps and the like. Marsat Antoine Jean Baptiste (inventor). Issued 5-24-27.

1,630,168. Power transmission by hydraulic means. Caut Raymond (inventor). Issued 5-24-27.

1,630,251. Fire extinguishing and like apparatus. Bechard Emile Joseph (inventor). Issued 5-31-37.

1,630,417. Method for securing leather disks to the ends of billiard cues. Detroyes Theodore (inventor). Issued 5-31-27.

1,630,547. Lubricating arrangement for the cylinders of two stroke cycle engines. Tartrais Eugene Henri (inventor). Issued 5-31-27.

1,630,662. Method of manufacture of agglomerated fuel. Llais Lucien (inventor). Issued 5-31-27.

1,630,700. Lubricating device. Gass Ernest (inventor). Issued 5-31-27.

1,630,907. Automatic means for running off liquid from containers at predetermined conditions of temperature. Royer Georges Gaston (inventor). Issued 5-31-27.

1,630,985. Means for preparing products of organic origin. Tival Henri Louis Paul (inventor). Issued 5-31-27.

1,631,066. Means for locking hand operated brakes. Saget Andre (inventor). Issued 5-31-27.

1,631,262. Variable pressure operated expansion device. Gourdou Charles Edouard Pierre (inventor). Issued 6-7-27.

1,631,456. Valved pipe coupling. Bardin Victor (inventor). Issued 6-7-27.

1,631,524. Process for photographic printing in colors. Dufay Louis (inventor). Issued 6-7-27.

1,631,574. System of electrical supply. Benit Henri (inventor); L Eclairage Des Vehicules Sur Rail (grantee). Issued 6-7-27.

1,631,624. Stamping and registering apparatus. Conti James Tiburce Felix et al., Tiranty Philippe Henri Louis (inventors). Issued 6-7-27.

1,631,642. Positive electrode for electric batteries. Oppenheim Rene (inventor); S A Le Carbone (grantees). Issued 6-7-27.

1,631,763. Bearing with rolling members. Rouanet Louis (inventor); Cie D Applications Mechaniques (grantee). Issued 6-7-27.

1,631,801. Electromagnetic device producing a constant moving force. Epitaux Albert (inventor). Issued 6-7-27.

1,631,892. Window opening and closing mechanism. Saoutchik Jacques (inventor). Issued 6-7-27.

1,631,909. Liquid level indicator. Badin Raous Edouard (inventor). Issued 6-7-27.

1,631,914. Electrical connecter. Caillau Marcel Urbain (inventor). Issued 6-7-27.

1,632,163. Optical receiver for teletype machines. Belin Edouard (inventor). Issued 6-14-27.

1,632,255. Rotary percussion implement. Wagner Georges Ernest (inventor). Issued 6-14-27.

1,632,447. Device for closing compressed or liquid gas cylinders. Lemoine Louis (inventor); S A D Applications Des Gaz Liquefies (grantee). Issued 6-14-27.

1,632,497. Wooden mosaic work. Noel Ernest Antoine (inventor). Issued 6-14-27.

1,632,731. Wheel tire. Gherassimoff Nicolas (inventor). Issued 6-14-27.

1,632,791. Ventilation of water closet pans. Habault Sylvain Rene (inventor); Soc D Hygiene Pratique (grantee). Issued 6-21-27.

1,632,906. Lens clamping bracket for use with pince nez glasses and spectacles. Lefevre Jules (inventor). Issued 6-21-27.

1,632,937. Balanced rotary percussion implement. Wagner Georges Ernest (inventor). Issued 6-21-27.

1,632,978. Signal device for motor vehicles. Legendre Henri (inventor). Issued 6-21-27.

1,633,038. Valve tappet. Saives Leon (inventor); Renault Louis (grantee). Issued 6-21-27.

1,633,158. Cylinder head of internal combustion engines combined with fuel injectors. (Archaouloff Vadime (inventor). Issued 6-21-27.

1,633,174. Landing gear. Fritsch Jules (inventor). Issued 6-21-27.

1,633,476. Support for seats and the like. L Union Generale D Electricite (inventor). Issued 6-21-27.

1,633,478. Device for regulating the advance of a band with reference to a cinematographic apparatus controlling said band. Delacommune Charles Eugene Edouard (inventor). Issued 6-21-27.

1,633,481. Frequency reducing arrangement. Fallou Jean Gustave (inventor); L Union Generale D Electricite (grantee). Issued 6-21-27.

1,633,596. Adjustable delivery ink container for rotary duplicators. Lievens Leon Louis (inventor); La Soc D Etudes Constructions Et Applications Mechaniques (grantees). Issued 6-28-27.

1,633,686. Golf tee. Stone Andrew J (inventor). Issued 6-28-27.

1,633,714. Universal and automatic machine tool. Schwob Alexandre (inventor). Issued 6-28-27.

1,633,882. Valve operating mechanism. Ballot Ernest Maurice (inventor). Issued 6-28-27.

1,633,906. Safety device for railways. Morel Revoil Jules Joseph Henri (inventor). Issued 6-28-27.

1,633,978. Apparatus for the cut of the mustache. Calmels Pierre Leon Martin Victor (inventor). Issued 6-28-27.

1,633,998. Device for the simultaneous obtainment of the compression and the circulation of gaseous mixtures. Patart Georges Leon Emile (inventor). Issued 6-28-27.

1,634,186. Braking of motor and other vehicles. Hallot Paul (inventor). Issued 6-28-27.

1,634,208. Electric relay for radiography. Pilon Hector Paul (inventor). Issued 6-28-27.

1,634,226. Nail box for nailing machines. Alibert Emile (inventor). Issued 6-28-27.

1,634,416. Bottle filling apparatus. Galland Alfred Jean (inventor). Issued 7-5-27.

1,634,589. Tire protector. Lotte Lucien Paul Celestin (inventor). Issued 7-5-27.

1,634,611. Sporting shoe. Deschamps Louis (inventor). Issued 7-5-27.

1,634,656. Coach body of automobiles. Fatoux Raymond Albert (inventor). Issued 7-5-27.

1,634,754. Gun barrel. Methlin Nicolas Emilien (inventor); Schneider & Cie (grantee). Issued 7-5-27.

1,634,861. Operating apparatus for vertically sliding panels. Weymann Charles Torres (inventor). Issued 7-5-27.

1,634,866. Internal combustion engine with cylinders arranged in two opposite lines. Bertrand Jean Joseph Marie et al, Solanet Louis Joseph Henri (inventor). Issued 7-5-27.

1,635,027. Method and means of transmitting pictures. Belin Edouard (inventor). Issued 7-5-27.

1,635,314. Centrifugal regulator. Doignon Louis Abel (inventor). Issued 7-12-27.

1,635,344. Vacuum cleaner. Ragonot Edmond (inventor). Issued 7-12-27.

1,635,494. Beet harvester. Moreau Jean (inventor). Issued 7-12-27.

1,635,496. Flexible coupling. Peigne Henri (inventor). Issued 7-12-27.

1,635,681. Antistatic photographic film. Marette Jacques (inventor); Pathe Cinema Anciens Etablissements Pathe Freres (grantees). Issued 7-12-27.

1,635,721. Process for the renovation of worn gun barrels and improvements in gun barrels. Malaval Pierre et al, Paquelier Rene Paul Eugene (inventor). Issued 7-12-27.

1,635,894. Vehicle wheel. Michelin Andre Jules (inventor). Issued 7-12-27.

1,635,895. Vehicle wheel. Michelin Andre Jules (inventor). Issued 7-12-27.

1,636,360. Grinding crushing and mixing machine or mill. Gernelle Danloy Joseph Emile (inventor). Issued 7-19-27.

1,636,486. Rotary engine or pump. Planche Benjamin Rene (inventor); Planche Ernest Benoit Mrs. Winslow, born Clothilde Perdrix (grantees). Issued 7-19-27.

1,636,501. Push button electric switch. Decraene Felix (inventor). Issued 7-19-27.

1,636,644. Apparatus for the solidification of liquid hydrocarbons. Neveu Hippolyte (inventor); De Paniagua Ysabel (grantee). Issued 7-19-27.

1,636,736. Focusing device for cinematographic and photographic view taking apparatus. Debrie Andre Leon Victor Clement (inventor). Issued 7-26-27.

1,636,739. Rotary drum filtering apparatus. Hertenbein Leon (inventor). Issued 7-26-27.

1,636,861. Dental forceps. Griveau Pierre Bertrand Jacques (inventor). Issued 7-26-27.

1,636,898. Tool holder for cutting off pieces of work. Bugatti Ettore (inventor). Issued 7-26-27.

1,636,925. Closing device for belts. Ravigneaux Pol (inventor). Issued 7-26-27.

1,636,933. Relay. Girard Louis Jean (inventor. Issued 7-26-27.

1,637,294. Apparatus for obtaining three color photographs. Cuenin Gilbert (inventor); Cie Internationale Trichromia (grantee). Issued 7-26-27.

1,637,651. Superheating element. Mestre Charles Arthur et al, Duchatel Emile Eugene Henri (inventors). Issued 8-2-27.

1,637,677. Ships hull. Bonnemaison Paul (inventor). Issued 8-2-27.

1,637,684. Signaling apparatus for road traffic. Cleret Albert (inventor). Issued 8-2-27.

1,637,936. Money holder. Gross Christian (inventor). Issued 8-2-27.

1,637,938. Addressing machine. Heuze Beauregard Edmond (inventor). Issued 8-2-27.

1,637,963. Phosphorescent luminous enamel. Sauvage Fernand (inventor). Issued 8-2-27.

1,638,009. Tipping wagon and the like. Cambessedes Jean Etienne Felix (inventor). Issued 8-9-27.

1,638,380. Shoe brake. Waseige Charles (inventor); Soc Des Aeroplanes Henri & Maurice Farman (grantees). Issued 8-9-27.

1,638,435. Fluid tight arrangement for cannon mounted in fluid tight turrets upon submarine vessels. De Courseulles Robert (inventor). Soc Schneider & Cie, Cie Des Forges Et Acieries De La Marine Et D Homecourt (grantees). Issued 8-9-27.

1,638,671. Roofing fastening. Wagner Marcel (inventor). Issued 8-9-27.

1,638,750. Steering device for motor vehicles. Schaeffer Charles (inventor). Issued 8-9-27.

1,638,830. Tooth facing. Coutif Georges (inventor). Issued 8-16-27.

1,638,906. Automatic releasing and braking device for nailing machines. Alibert Emile (inventor). Issued 8-16-27.

1,638,962. Apparatus for gun mounting, laying, and sighting for artillery on aeroplanes. Schneider Eugene (inventor); Schneider & Cie (grantee). Issued 8-16-27.

1,639,094. Counterbalancing means for movable devices. Klein Georges (inventor). Issued 8-16-27.

1,639,178. Stroboscope with vibrating cord. Guillet Amedee Victor Joseph (inventor). Issued 8-16-27.

1,639,218. Process for printing upon textile fabrics. Ebersol Eugene (inventor); Soc Freres Koechlin (grantee). Issued 8-16-27.

1,639,219. Toilet seat. Eckerlein Eugene Leon (inventor). Issued 8-16-27.

1,639,329. Dispensing device. Conques Joseph Antoine (inventor). Issued 8-16-27.

1,639,536. Self propelled vehicle. Saives Leon (inventor); Renault Louis (grantee). Issued 8-16-27.

1,639,583. Valve gear operating device. Birkigt Marc (inventor). Issued 8-16-27.

1,639,658. Improved process for the manufacture of peryiene. Marschalk Charles Henri (inventor). Issued 8-23-27.

1,639,908. Turbine wheel propeller and motor. Strandgren Carl Bruno (inventor). Issued 8-23-27.

1,640,148. Process for protecting the gelatin coating of photographic plates and films. Glaser Creszenzia Nee Pietti (inventor). Issued 8-23-27.

1,640,185. Coating process. Eggiman Alfred et al. Perea Albino (inventors). Issued 8-23-27.

1,640,273. Seat with folding back. Halais Jean Alfred (inventor). Issued 8-23-27.

1,640,349. Resilient wheel for vehicles. Coste Jean Francois Pascal (inventor). Issued 8-30-27.

1,640,639. Manufacture of Borneol Esters. Blum Henri (inventor); Soc Alsaciennn De Produits Chimiques (grantee). Issued 8-30-27.

1,640,646. Loose leaf binder. Cogery Henri Eugene Desire et al, Bertrand Claude Francois Benoit Georges (inventors). Issued 8-30-27.

1,640,668. Process for the regeneration of metal catalysts contaminated by sulphur. Prudhomme Eugene Albert (inventor); Soc Internationale Des Procedes Prudhomme (grantees). Issued 8-30-27.

1,640,909. Advertising device. Schutz Harry Max (inventor). Issued 8-30-27.

1,640,919. Braking device for vehicles. Ballot Ernest Maurice (inventor). Issued 8-30-27.

1,640,966. Flash producing apparatus. Seguin Laurent et al, Seguin Augustin (inventors). Issued 8-30-27.

1,640,973. Lubricating arrangement for internal combustion or like engines. Barbarou Marius Jean Baptiste (inventor). Issued 8-30-27.

1,641,077. Binding and cutting pliers. Fouquet Eugene (inventor). Issued 8-30-27.

1,641,092. Brake for railway trains. Moutier Ernest Albert (inventor). Issued 8-30-27.

1,641,182. Black sulphurized napthol dyes. Marschalk Charles Henri (inventor). Issued 9-6-27.

1,641,253. Transmission device for vehicles provided with two motors. Donon Pierre (inventor). Issued 9-6-27.

1,641,328. Dosing flask. Ferdinand Jules Alfred (inventor). Issued 9-6-27.

1,641,579. Manufacture of synthetic camphor by means of a liquid catalyst. Darrassee Leon et al, Darrasse Etienne, Dupont Lucien (inventors). Issued 9-6-27.

1,642,209. Process for the manufacture of nitrogen containing products. Kahn Maurice (inventor); Soc Francaise Des Produits Alimentaires Azotes (grantees). Issued 9-13-27.

1,642,214. Spreading and stretching device for the treatment of fur skins. Pacquet Rene (inventor). 9-13-27.

1,642,262. Picker for weaving looms. Pennartz Pierre (inventor). Issued 9-13-27.

1,642,574. Method for separating the components of alloys. Bossiere Claude Georges et al, Zanicoli Hector (inventors). Issued 9-13-27.

1,642,606. Clutch device. De Jouette Albert (inventor). Issued 9-13-27.

1,642,613. Furnace adapted for the heating and unwinding of rolls of wire. Jacquemin Andre Felix (inventor). Issued 9-13-27.

1,642,620. Pocket outfit for the care of teeth. Merrill John Rogers (inventor). Issued 9-13-27.

1,642,637. System of facsimile telegraphy by wireless signals. Belin Edouard (inventor). Issued 9-13-27.

1,642,867. Apparatus for permanent undulation. Bjorkman George Edwards (inventor). Issued 9-20-27.

1,642,889. Shoe heel. Perugia Andre (inventor). Issued 9-20-27.

1,642,969. Linking device. Mirra Albert (inventor). Issued 9-20-27.

1,643,199. Wire stretching device. Clemencet Louis Eugene (inventor). Issued 9-20-27.

1,643,385. Aeroplane bomb with safety device. LaFitte Theodore (inventor). Issued 9-27-27.

1,643,447. Process of manufacturing condensation products from phenols and formaldehydes. De Jarny Edouard Jean Paul Claude (inventor). Issued 9-27-27.

1,643,574. Automatic governor for marine engines. Breland Eugene Francois Joseph (inventor). Issued 9-27-27.

1,643,611. Split pulley. Rouanet Louis (inventor); Cie d Applications Mechaniques

1,643,692. Salts composed of alkaloids and acetlyamino hydroxyphenol arsenic acid and method of preparing the same. Billon Francois (inventor); Les Etablissements Poulenc Freres (grantee). Issued 9-27-27.

1,643,744. Syringe. Lowenfeld Henry (inventor). Issued 9-27-27.

1,643,864. Carburetor. Viel Louis Leon (inventor). Issued 9-27-27.

1,643,869. Vulcanizing molding apparatus for rubber tires. Barre Paul (inventor). Issued 9-27-27.

1,644,065. Electric apparatus serving as a dynamo or motor and as an engine starter. Lanquetin Leon (inventor); Soc Etablissements Ducelier (grantee). Issued 10-4-27.

1,644,089. Treating gaseous mediums with liquids. Salerni Edoardo Michele (inventor). Issued 10-4-27.

1,644,115. Method of manufacturing translucent article. Eggimann Alfred et al, Perea Albino (inventors). Issued 10-4-27.

1,644,254. Method for the manufacture of butter. Karpinsky Stephan et al, Anderson James Stewart (inventors). Issued 10-4-27.

1,644,566. Turret lathe. Cuttat Georges Emile (inventor); S A des Anciens Etablissements Cuttat and Cie The (grantees). Issued 10-4-27.

1,644,638. Hinge. Debry Andre Joseph et al, Debry Jean Alfred (inventors). Issued 10-4-27.

1,644,717. Automatic fuel regulator. Ferrette Louis (inventor). Issued 10-11-27.

1,645,432. Device for distinguishing different sorts of cotton during spinning operations. Lauffer Jean (inventor). Issued 10-11-27.

1,645,439. Hosiery machine of the straight or flat web type. Marneux Leontine Nee David (inventor). Issued 10-11-27.

1,645,477. Impact device. Georgevitch Nicolas (inventor). Issued 10-11-27.

1,645,550. Automatic obturator for the supply pipe for burners. Stein Charles M. (inventor). Issued 10-18-27.

1,645,576. Shock absorber. Beconnier Paul Marcellin (inventor). Issued 10-18-27.

1,645,834. Valveless pump. Voreaux Paul (inventor); Etablissements Samga et Bavox Reunis (grantee). Issued 10-18-27.

1,645,848. Process for the manufacture of the condensation products of urea and of formaldehyde. Barthelemy Henri (inventor); Soc Industrielle des Matieres Plastiques (grantee). Issued 10-18-27.

1,645,872. Shoe sole sewing machine. Roger Gabriel Casimir (inventor). Issued 10-18-27.

1,645,928. Aeroplane fin. Potez Henry Charles Alexandre (inventor). Issued 10-18-27.

1,645,987. Telephonic and telegraphic repeater or relay. Day Albert V T (inventor). Issued 10-18-27.

1,645,999. Wrench. Reboul Louise (inventor). Issued 10-18-27.

1,646,005. Grease tube for facial make up. Baquey Pierre Called Gaston (inventor). Issued 10-18-27.

1,647,032. Gear wheel transmission. Birkigt Marc (inventor). Issued 10-25-27.

1,647,115. Device for indicating speed. Mombur Georges (inventor). Issued 10-25-27.

1,647,438. Connecting rod for the suspension of vehicles. De Ram Georges Henri Ernest (inventor). Issued 11-1-27.

1,647,960. Boiler. D Espujols Robert Lucien (inventor). Issued 11-1-27.

1,648,264. Automatic brake for weaving looms. Gaulard Alfred (inventor); Ateliers des Vosges (grantee). Issued 11-8-27.

1,648,467. Device for protecting liquid containers from bursting. Vautier Jules (inventor). Issued 11-8-27.

1,648,511. Air heater. Solomiac Emile Jean Ernest (inventor). Issued 11-8-27.

1,648,727. Stapling machine. Fremont Albert (inventor). Issued 11-8-27.
1,648,848. Hydraulic works utilizing the power of tides. Huguenin Albert (inventor). Issued 11-8-27.
1,648,908. Pneumatic suspension fed by compressed air. Mercier Henri (inventor). Issued 11-15-27.
1,649,141. Machine for sealing bottles etc. Talansier Joseph (inventor). Issued 11-15-27.
1,649,302. Shuttle locking and releasing control. Gaulard Alfred (inventor); Ateliers des Vosges (grantee). Issued 11-15-27.
1,649,381. Purification of vaccines. Billon Francois (inventor). Issued 11-15-27.
1,649,592. Process for rendering surfaces fluid tight. Itier Jules Adolphe Henry (inventor); Soc Le Textilon Central (grantee). Issued 11-15-27.
1,649,601. Rotary tubular crystallizer cooker. Lafeuille Fernand (inventor). Issued 11-15-27.
1,649,644. Water or air motor. Alexeeff Andre (inventor). Issued 11-15-27.
1,649,682. Acetylene generator. Girardin Auguste Francois (inventor). Issued 11-15-27.
1,649,978. Split pulley. Rouanet Louis (inventor); Cie d Applications Mecaniques (grantee). Issued 11-22-27.
1,650,110. Color or chromatic printing machine. Bueno Emile (inventor). Issued 11-22-27.
1,650,300. Percussion fuse for projectiles aerial bombs and the like. Remondy Leon Emile (inventor). Issued 11-22-27.
1,650,470. Static converter of current. Salles Pierre Max Raoul (inventor); Cie Francaise Thompson Houston (grantee). Issued 11-22-27.
1,650,497. Apparatus for nautical sports. Davde Alphonse (inventor). Issued 11-22-27.
1,650,510. Closure for vessels. Goudard Felix (inventor). Issued 11-22-27.
1,650,544. Vehicle with independent wheels. Sizaire Maurice (inventor); Soc Des Automobiles Sizaire (grantee). Issued 11-22-27.
1,650,713. Apparatus for effecting chemical reactions. Hennebutte Henri, Goutal Edouard, et al. (inventors). Issued 11-29-27.
1,650,852. Process of manufacturing cages for ball or roller bearings. Rouanet Louis (inventor); Cie d Applications Mecaniques (grantee). Issued 11-29-27.
1,650,853. Process of manufacturing cages for ball or roller bearings. Rouanet Louis ventor); Cie d Applications Mecaniques (grantee). Issued 11-29-27.
1,650,854. Process of manufacturing cages for ball or roller bearings. Rouanet Louis ventor); Cie d Applications Mecaniques (grantee). Issued 11-29-27.
1,650,874. Hot water heating installation Lemaistre Marie Joseph Georges Adolphe (inventors). Issued 11-29-27.
1,650,985. Fire extinguisher. Fohlen Jacques Louis (inventor). Issued 11-29-27.
1,651,093. Sight for machine guns for anti-aircraft firing. Le Prieur Yves Paul Gaston (inventor); S A La Precision Moderne (grantee). Issued 11-29-27.
1,651,101. Reciprocating saw machine more particularly for the sawing of metals. Pays Achille (inventor). Issued 11-29-27.
1,651,112. Injector for refrigerating machines Bernat Raoul (inventor). Issued 11-29-27.
1,651,119. Electromagnetic clock. Hatot Leon (inventor). Issued 11-29-27.
1,651,347. Speed indicating apparatus. Mombur Georges (inventor). Issued 11-29-27.
1,651,521. Method and apparatus for the storage and the transportation of gas. Lucas Girardville Paul Nicolas (inventors). Issued 12-6-27.
1,651,779. Device for assembling two piece ball bearing cages by spot welding. Rouanet Louis (inventor); Cie d Applications Mecaniques (grantee). Issued 12-6-27.
1,651,913. Hand actuated air compressor. Voreaux Paul (inventor); S A Etablissements Samga et Bavox Reunis (grantees). Issued 12-6-27.
1,652,329. Electromagnetic control. Saives Leon (inventor); Renault Louis (grantee). Issued 12-13-27.
1,652,378. Apparatus for measuring speeds. Seguin Augustin (inventor). Issued 12-13-27.
1,652,470. Printing machine. Dubuc Louis Mathieu Charles Aricet (inventor); Sirven B (grantee). Issued 12-13-27.
1,652,817. Means for obviating the action of heat in a projector upon the backing of the images to be projected. Couade Maurice (inventor); Pathe Cinema Anciens Etablissements Pathe Freres (grantees). Issued 12-13-27.
1,653,119. Device for forming far reaching sound pencils and application of latter. Perrin Jean Baptiste, Marcelin Andre Jules, Bernard Henri Luglien Marie Joseph, et al. (inventors). Issued 12-20-27.
1,653,180. Lay figure. Jalbert Georges (inventor); Soc Parisienne De Confection (grantee). Issued 12-20-27.
1,653,332. Vertical drying and dehydrating apparatus. Baechler Max (inventor); Baechler Kiser & Cie (grantee). Issued 12-20-27.
1,653,701. Means for producing luminous showers. Guerard Henri (inventor). Issued 12-27-27.
1,653,712. Crystallizer. Lafeuille Fernand (inventor). Issued 12-27-27.
1,653,825. Internal combustion engine. Saives Leon (inventor); Renault Louis (grantee). Issued 12-27-27.
1,653,877. Explosion engine. Schaff Albert (inventor). Issued 12-27-27.
1,653,949. Portable battery of electric accumulators. Dinin Alfred (inventor). Issued 12-27-27.
1,654,016. Large sized reservoir for liquids. Salmon Rene L. (inventor). Issued 12-27-27.
1,654,224. Method for preparation of aliphatic di or poly hydroxy arsenic acids. Oechslin Carl J. (inventor). Issued 12-27-27.
1,654,227. Dry cell. Vignon Henri (inventor). Issued 12-27-27.
1,654,447. Suspension for vehicles. Ballot Ernest Maurice (inventor). Issued 12-27-27.
1,654,454. Pneumatically operated horn. Chollet Louis (inventor); Cie Industrielle Et Commerciale Du Cycle Et De L automobile (grantees). Issued 12-27-27.
1,654,784. Apparatus for forming sheet glass. Boudin Louis (inventor); S A Des Manufactures Des Glaces et Produits Chimiques De Saint Gobain Chauny and Cirey (grantees). Issued 1-3-28.
1,654,864. Rotary pump. Cozette Rene Jean Paul Emile (inventor). Issued 1-3-28.
1,654,865. Rotary pump. Cozette Rene Jean Paul Emilie (inventor). Issued 1-3-28.
1,654,870. Flushing device. Fremion Maurice (inventor). Issued 1-3-28.
1,655,093. Joint for visible dispensing apparatus for liquids. Dubreuil Gaston (inventor); S A Pour Tous Appareillages Mecaniques (grantees). Issued 1-3-28.
1,655,196. Sound reproducing apparatus for disk record talking machines. Parolini Cesare, Perron Gustave, et al. (inventors). Issued 1-3-28.
1,655,362. Distribution of motors for aircraft. Farman Henry (inventor). Issued 1-3-28.
1,655,902. Carburetor. Griffin Gaston (inventor). Issued 1-10-28.
1,656,074. Automatically variable flexible suspension for vehicles. Poyet Jacques (inventor). Issued 1-10-28.
1,656,112. Tobacco pipe. Grenier Georges (inventor). Issued 1-10-28.
1,656,139. Dishwashing machine. Breton Jules Louis (inventor). Issued 1-10-28.
1,656,192. Signaling device for vehicles. Guttin Charles Alfred (inventor). Issued 1-17-28.
1,656,207. Automatic duplicating apparatus of the rotary type having an automatic sheet feeding device. Garret Antoine Michel, Le Grande Rene Pierre, Alexandre, et al (inventors); Soc. de Vannoise Ziegler & P. Langlois (grantees). Issued 1-17-28.
1,656,488. Process for the manufacture of ketones. Lefranc Louis (inventor). Issued 1-17-28.
1,656,492. Flying machine. Moineau Rene Joseph Louis (inventor). Issued 1-17-28.
1,656,578. Clip for transmission cables with crossties. Dutkiewicz Valentin (inventor). Issued 1-17-28.
1,656,694. Process for the renewing of india rubber and chiefly of that which is contained in the covers of worn out pneumatic tires. Danier Charles (inventor); Syndicat Franco Neerlandais (grantee). Issued 1-17-28.
1,656,778. Friction member for brakes clutches and the like. Desroziers Edouard Jean (inventor). Issued 1-17-28.
1,656,779. Friction member for brakes clutches and the like. Desroziers Edouard Jean (inventor). Issued 1-17-28.
1,656,787. Tobacco pipe. Grenier Georges (inventor). Issued 1-17-28.
1,656,814. Template for grinding machines. Birkigt Marc (inventor). Issued 1-17-28.
1,656,843. Process for photogravure. Straub Emile (inventor); Griffiths Jean (grantee). Issued 1-17-28.
1,656,845. Combined loader ejector and safety mechanism for automatic firearms. Sutter Charles (inventor); S A des Anciens Etablissements, Hotchkiss & Cie (grantees). Issued 1-17-28.
1,656,862. Pulverizing apparatus for solid fuels. Loy George Sylvin (inventor). Issued 1-17-28.
1,656,898. Metallic vapor lamp. Belleaud Rene Louis Maxime et al, Barrollier Jean (inventors). Issued 1-24-28.
1,657,220. Mold for shaping and retreading tires with rubber. Menjou Pierre Louis (inventor). Issued 1-24-28.
1,657,223. Couch bed. Michel Levy Jean Michel (inventor). 1-24-28.
1,657,366. Secret message transmitting system. Belin Edouard (inventor). Issued 1-24-28.
1,657,412. Steering arrangement for heavy motor vehicles. Schneider Hans (inventor). Issued 1-24-28.
1,657,460. Refrigerating apparatus. Delaygue Charles (inventor). Issued 1-31-28.
1,657,809. Process for the preparation of new derivatives of naphthoquinone. Wahl Andre et al, Lantz Robert (inventors); S A des Matieres Colorantes et Produits Chimiques de Saint Denis (grantees). Issued 1-31-28.
1,657,822. Process and device for the purification of hard water by base exchanging bodies. Frechou Emile Marcel Eugene (inventor). Issued 1-31-28.
1,657,981. Disinfecting cabinet and the like. Vale Charles Sillery (inventor). Issued 1-31-28.
1,658,004. Torpedo tube combined with members for starting and setting the torpedo contained therein. Methlin Nicolas Emilien (inventor); Schneider & Cie (grantee). Issued 1-31-28.
1,658,005. Piece of ordnance more particularly adapted for firing against aircraft. Methlin Nicolas Emilien (inventor); Schneider & Cie (grantee). Issued 1-31-28.
1,658,356. Method of producing charts for testing color vision. Schaaff Ernest (inventor). Issued 2-7-28.
1,658,531. Machine for stacking biscuits. Male Andre called Male Fosse (inventor); Male Rene called Male Fosse (grantee). Issued 2-7-28.

1,658,542. Folding powder puff device. Willk Alexandre (inventor). Issued 2-7-28.
1,658,657. Rear shock absorber for motor vehicles. Schaeffer Charles; (inventor); S A des Anciens Etablissements, Panhard & Levassor (grantees). Issued 2-7-28.
1,658,673. Progressive and automatic change speed device employing epicycloidal gearing. Fontaine Rene Francois Michel (inventor). Issued 2-7-28.
1,658,715. Liquid dispensing apparatus. Gueux Joseph Jean Marie (inventor). Issued 2-7-28.
1,659,120. Manufacture of flexible tubes. Poberejsky Jacques (inventor). Issued 2-14-28.
1,659,367. Feeding device for cooling radiators. Lamblin Alexandre (inventor). Issued 2-14-28.
1,659,481. Process and installation for the electromechanical utilization of tides. Defour Andre (inventor). 2-14-28.
1,659,727. Apparatus for distilling crude resins. Dupont Georges Honore (inventor). Issued 2-21-28.
1,659,958. Process of dehydration of alcohol for carburants. Ricard Eloi et al, Guinot Henri (inventors); Soc Ricard Allenet & Cie, Distilleries des Deux Sevres (grantees). Issued 2-21-28.
1,660,229. Storage battery. Mallon Paul (inventor); Soc d Parville & Cie (grantee). Issued 2-21-28.
1,660,291. Grinding machine. Birkigt Marc (inventor). Issued 2-21-28.
1,660,292. Stretching device for hides and skins of animals and the like. Bourcier Francois Ernest (inventor). Issued 2-21-28.
1,660,381. Thermionic apparatus. Holweck Fernand (inventor). Issued 2-28-28.
1,660,383. Tensioning mechanism for endless track belts. Kegresse Adolphe (inventor). Issued 2-28-28.
1,660,401. Lighter. Strauss Raphael (inventor); Etablissements Strauss Allard Meyer (grantee). Issued 2-28-28.
1,660,492. Card clothing. Platt John et al, Platt William, Platt Henry (inventors). Issued 2-28-28.
1,660,500. Rectilinear combing machine. Weinbrenner Jules (inventor). Issued 2-28-28.
1,660,563. Rotary compressor. Malbay Raphael (inventor). Issued 2-28-28.
1,660,596. Loom for weaving reeds. Deguardia Almetes Paul (inventor). Issued 2-28-28.
1,660,602. Machine for wrapping annular and similar solid articles. Duvoisin Georges et al, Thiry Oscar (inventors). Issued 2-28-28.
1,660,623. Liquid meter. Monard Alfred (inventor); Soc L Aster (grantee). Issued 2-28-28.
1,660,725. Hub cap. Rouanet Louis (inventor); Cie d Applications Mecaniques (grantees). Issued 2-28-28.
1,660,887. Filing sawing and grinding machine. Romanoff Hippolyte W (inventor). Issued 2-28-28.
1,660,888. Milling machine for cutting gears. Romanoff Hippolyte W (inventor). Issued 2-28-28.
1,661,061. Flyer spinning frame. Walker Samuel (inventor). Issued 2-28-28.
1,661,063. Apparatus for the production of formol by catalysis. Barbet Emile Augustin (inventor). Issued 2-28-28.
1,661,077. Vehicle headlight. Marsat Antoine Jean Baptiste (inventor). Issued 2-28-28.
1,661,091. Rocket gun. Riabouchinski Dmitri (inventor). Issued 2-28-28.
1,661,343. Signaling apparatus for vehicles more particularly for motor cars. Parcq Jacques (inventor). Issued 3-6-28.
1,661,489. Apparatus for concentrating aqueous liquids. Meynardie Pierre Jerome de Saint Andre (inventor). Issued 3-6-28.
1,661,603. Television process and means of realization. Dauvillier Alexandre (inventor). Issued 3-6-28.
1,661,606. Dyeing process. Escaich Auguste et al, Worms Jean Paul (inventors). Issued 3-6-28.
1,661,699. Siphon. Magnin Pierre (inventor). Issued 3-6-28.
1,661,960. Injector or aspirator. Riehl Henri Victor (inventor). Issued 3-6-28.
1,661,990. Driving mechanism for winders for artificial silk. Benit Henri (inventor). Issued 3-6-28.
1,661,991. Reel for cables. Benit Henri (inventor). Issued 3-6-28.
1,662,229. Apparatus for regulating the tension of chains. Ballot Ernest Maurice (inventor). Issued 3-13-28.
1,662,260. Steam ejector with cooled diffuser. Delas Albert (inventor). Issued 3-13-28.
1,662,308. Dabber for combers of the Heilmann type. Gegauff Charles (inventor); Soc Alsacienne de Constructions Mecaniques (grantees). Issued 3-13-28.
1,662,363. Motor horn. Chollet Louis (inventor). Cie Industrielle et Commerciale du Cycle et de l'Automobile (grantees). Issued 3-13-28.
1,662,631. Apparatus for the enlarging of rings. Blois Felix (inventor). Issued 3-13-28.
1,662,688. Change speed gear box or universal divisor. Veber Georges (inventor); Soc des Etablissements Singrun (grantee). Issued 3-13-28.
1,663,155. Process for the recovery of volatile solvents. Bregeat Jean Henry (inventor). Issued 3-20-28.
1,663,352. Device for raising or lowering window panes. Saoutchik Jacques (inventor). Issued 3-20-28.
1,663,512. Propeller. Brequet Louis (inventor). S A des Ateliers d'Aviation, Louis Brequet (grantees). Issued 3-20-28.
1,663,545. Polish applying and rubbing implement. Farish Edward Alphonse (inventor). Issued 3-27-28.
1,663,566. Thermostat. Royer Georges Gaston (inventor). Issued 3-27-28.
1,663,590. Electrically controlled measuring device. Gourdon Georges (inventor). Issued 3-27-28.
1,663,616. Device for stretching and fastening hoops for boxes and the like. Sicard Seraphin (inventor); Rebichon M Andre (grantee). Issued 3-27-28.
1,663,625. Film driving mechanism for cinematographic view taking apparatus. Debrie Andre Leon Victor Clement (inventor). Issued 3-27-28.
1,663,730. Electric connection. Ravut Camille Louis Marie (inventor); Soc Industrielle des Telephones Constructions Electriques Caoutchouc Cables (grantees). Issued 3-27-28.
1,663,829. Two stroke internal combustion engine. Dutel Emile et al, Perdoncini Jean Marc (inventors). Issued 3-27-28.
1,663,927. Valveless air pump. Voreaux Paul (inventor); Etablissements Samga Bavox Reunis (grantee). Issued 3-27-28.
1,663,936. Explosion engine supercharger. Cozette René Jean Paul Emile (inventor). Issued 3-27-28.
1,663,959. Preparation of photographic developers. Schestakoff Pierre (inventor). Issued 3-27-28.
1,664,043. Cock and valve. Niclausse Elie Pierre Jules et al, Niclausse Albert Louis (inventors). Issued 3-27-28.
1,664,319. Process for the manufacture of a cellulose product having the appearance of wool. Pellerin Augustin (inventor). Issued 3-27-28.
1,664,766. Pivoting emergency seat. Boulogne Arthur (inventor). Issued 4-3-28.
1,664,798. Receiving device for distant vision installation. Valensi Georges (inventor). 4-3-28.
1,664,927. Pulsometer. Japy Albert Paul (inventor). Issued 4-3-28.
1,664,932. Monkey wrench. Juricinec Francois (inventor). Issued 4-3-28.
1,664,959. Spinning and twisting frame. Zvorikin Jean (inventor). Issued 4-3-28.
1,665,041. Plow. Planess Maurice. Issued 4-3-28.
1,665,097. Circulation pump of the rotary type. Huguenin Albert (inventor). Issued 4-3-28.
1,665,112. Speed controlling device for railway and tramway trains. Rodolausse Eloi (inventor). Issued 4-3-28.
1,665,136. Pressure and drawing cylinder for spinning machines. Lauffer Jean (inventor). Issued 4-3-28.
1,665,176. Arrangement providing for the aiming of an artillery carriage in all directions. Rimailho Emile (inventor); Cie Des Forges and Acieries de la Marine and D Homecourt (grantees). Issued 4-3-28.
1,665,622. Calling device. Chauveau Louis Lucien Eugene (inventor). Issued 4-10-28.
1,665,773. Automatic switchboard telephone system. Chauveau Louis Lucien Eugene (inventor). Issued 4-10-28.
1,665,776. Smoothing and polishing glass or the like. Escole Paul Joseph Maximilien (inventor). Issued 4-10-28.
1,665,964. Lubricating system. Koehler Marcel (inventor). Issued 4-10-28.
1,666,010. Valve for wireless telegraphy or telephony. Hawadier Jacques Antoine Marie (inventor). Issued 4-10-28.
1,666,189. Washing apparatus for coals. Wolf Philippe (inventor). Issued 4-17-28.
1,666,241. Manufacture of new derivatives of naphthoquinones. Lantz Robert et al, Wahl Andre (inventors); S A des Matieres Colorantes & Produits Chimiques de Saint Denis (grantees). Issued 4-17-28.
1,666,351. Electric striking mechanism. Rollin Simon (inventor); S A Des Anciens Etablissements Hatot (grantee). Issued 4-17-28.
1,666,352. Split pulley. Rouanet Louis (inventor); Cie d'Applications Mecaniques (grantee). Issued 4-17-28.
1,666,450. Thermionic apparatus. Holweck Fernand (inventor). Issued 4-17-28.
1,666,591. Machine for the production of textile fabrics. Bilhartz Charles (inventor). Issued 4-17-28.
1,666,792. Percussion fuse. Remondy Leon Emile (inventor). Issued 4-17-28.
1,666,812. Machine for drawing out the yarn from textile fabrics for the production of openwork. Durupt Jean Baptiste (inventor); Soc Pellaumail Moutel & Cie (grantee). Issued 4-17-28.
1,667,373. Elastic element for resilient wheels. Coste Jean François Pascal (inventor). Issued 4-24-28.
1,667,456. Rotary pump and compressor. Cozette René Jean Paul Emile (inventor). Issued 4-24-28.
1,667,563. Sealing device. Perrin Francis (inventor). Issued 4-24-28.
1,667,568. Interchangeable agricultural machine. Somogyi Ferenc (inventor). Issued 4-24-28.
1,667,603. Automatic balance. Peccaud Charles (inventor). Issued 4-24-28.
1,667,679. Device for supporting ties. Roura Jean (inventor). Issued 4-24-28.
1,668,267. Pedal apparatus for railway signaling. Colas Joseph Ernest (inventor). Issued 5-1-28.
1,668,274. Brake. Guillery Rene (inventor); Etablissements Malicet & Blin (grantee). Issued 5-1-28.
1,668,380. Continuous process for the dehydration of volatile fatty acids. Ricard Eloi (inventor); S A Des Distilleries Des Deux Sevres (grantee). Issued 5-1-28.
1,668,423. Suspension device for vehicles. Schaeffer Charles (inventor); S A Des Anciens Etablissements Panhard & Levassor (grantees). Issued 5-1-28.

1,668,498. Means for actuating the cushion plate in Heilmann & like combers. Gegauff Charles (inventor); Soc Alsacienne de Constructions Mecaniques (grantees). Issued 5-1-28.
1,668,506. Hydrotherapeutical device. Havard Eugene (inventor). Issued 5-1-28.
1,668,554. Asynchronous polyphase electric motor. Ernstein Fernand (inventor). Issued 5-8-28.
1,668,603. Process for extracting coloring matter from henna leaves and improved plant therefor. Pollacchi Charles (inventor); Coty S A (grantee). Issued 5-8-28.
1,668,615. Device for controlling and adjusting the current passing through an arc fed with alternating current. Toulon Pierre Marie Gabriel (inventor); S A Des Relais A Arc (grantee). Issued 5-8-28.
1,668,625. Arrangement for lifting the wheels of vehicles. Boyer Fernand et al., Weler Robert (inventors). Issued 5-8-28.
1,668,644. Moving staircase of the ascending and descending type. Clamart Edouard Hocquart et al, Hugoniot Emile (inventors); S A Des Anciens Etablissements Grosselin Pere et Fils (grantees). Issued 5-8-28.
1,668,853. Process of uniting vitreous pieces. Long Bernard (inventor); S A Des Manufacturers des Glaces and Produits Chimiques de Saint Gobain Chauny & Cirey (grantee). Issued 5-8-28.
1,668,862. Apparatus for the control of firing against aerial targets. Methlin Nicolas Emilien (inventor); Schneider & Cie (grantee). Issued 5-8-28.
1,669,000. Marine automobile. Filippi Antoine Padoue (inventor). Issued 5-8-28.
1,669,326. Soluble food product having fresh kola as a base and process for preparation of the same. Chalas Adolphe et al, Chalas Ellen (inventors). Issued 5-8-28.
1,669,737. Splint forming machine. Bussy Alfred (inventor). Issued 5-15-28.
1,669,745. Keyed musical wind instrument. Evette Maurice (inventor); Soc the Evette and Schaeffer (grantee). Issued 5-15-28.
1,669,758. Helicopter. Isacco Vittorio et al, Andres Vicente (inventors); Isacco Vittorio (grantee). Issued 5-15-28.
1,669,816. Process for obtaining adherent and brilliant coats of varnish upon all materials. Ville Marie Antoinette Victorine Charlotte Georges (inventor). Issued 5-15-28.
1,669,908. Glass. Long Bernard (inventor); S A Des Manufactures des Glaces and Produits Chimiques de Saint Gobain Chauny and Cirey (grantee). Issued 5-15-28.
1,670,014. Extraction of krypton and xenon from air. Blaringhem Auguste Jules Adrien (inventor); S A D Eclairage et d Applications Electriques (grantee). Issued 5-15-28.
1,670,214. Spanner or nut wrench. Roche Paul (inventor). Issued 5-15-28.
1,670,345. Process for the manufacture of aerial metal propellers. Comte Jean (inventor). Issued 5-22-28.
1,670,366. Elastic woven fabric and method of weaving it. Laurain Alfred (inventor). Soc du Caoutchouc Manufacture (grantee). Issued 5-22-28.
1,670,795. Television. Belin Edouard (inventor). Issued 5-22-28.
1,670,866. Traveling chain grate. Nicolini Eugene (inventor); Soc d Electricit de Paris (grantee). Issued 5-22-28.
1,670,897. Brake magnet adjustment. Mercier Rene (inventor); Cie Continentale pour la Fabrication des Compteurs and Autres Appareils (grantee). Issued 5-22-28.
1,670,978. Machine for embroidering sewing and openwork stitching of the crank type. Morel Felix (inventor); Anciens Etablissements R Cornely and Co S A (grantee). Issued 5-22-28.
1,671,141. Metal salts of the n methylene sulphonic acids of diaminodihydroxy ar senobenzene or sulpho arsenol. Lehnhoff Wyld Frederic (inventor). Issued 5-29-28.
1,671,211. Novel vise for machine tools. Silvestre Auguste Edmond (inventor). Issued 5-29-28.
1,671,247. Current rectifier. Levy Lucien (inventor). Issued 5-29-28.
1,671,259. Process for removing nicotine from tobacco to any desired extent without destroying its aroma. Schloesing Theophile (inventor). Issued 5-29-28.
1,671,506. Resilient suspension device for vehicles. Bertrand Jean (inventor). Issued 5-29-28.
1,671,572. Hard alloy steel process. Delachaux Clarence Leon (inventor). Issued 5-29-28.
1,671,817. Carburetor. Ducamp Albert Jean (inventor). Issued 5-29-28.
1,671,997. Machine for manufacturing bottles and other hollow objects made of glass. Roirant Emile (inventor); S A D Etudes et de Constructions d Appareils Mechaniques Pour la Verrerie (grantee). Issued 6-5-28.
1,672,142. Hearth for type founding and the like. Rabate Jean (inventor); Soc Le Matin (grantee). Issued 6-5-28.
1,672,152. Regulating arrangement for windmills. Constantin Louis (inventor); Fortier Beaulieu Paul (grantee). Issued 6-5-28.
1,672,232. Variable speed transmission device. Saives Leon (inventor); Renault Louis (grantee). Issued 6-5-28.
1,672,319. Printing process by means of supports with rough surfaces. Jacobsen Norman (inventor). Issued 6-5-28.
1,672,328. Method of electromagnetic underground prospecting. Loth William A (inventor). Issued 6-5-28.
1,672,425. Combination lock Rouanet Louis (inventor); Cie d Applications Mecaniques (grantee). Issued 6-5-28.
1,672,426. Antitheft device for motor vehicles. Rouanet Louis (inventor); Cie d Applications Mecaniques (grantee). Issued 6-5-28.
1,672,438. Atomizer. Vendome Raoul (inventor). Issued 6-5-28.
1,672,448. Coal and ore washing plant. Clouwez Clement (inventor). Issued 6-5-28.
1,672,638. Methods and means for the preparation of plaster prior to using. Chassevent Louis Emile (inventor). Issued 6-5-28.
1,672,802. Device for resetting power driven mechanism to a predetermined position. Chirol Maurice (inventor); Cie Pour La Fabrication des Compteurs et Materiel d Usines a Gaz, l Action a Distance (grantees). Issued 6-5-28.
1,672,949. Piece of ordnance more particularly adapted for firing against aircraft. Methlin Nicolas Emilien (inventor); Schneider and Cie (grantee). Issued 6-12-28.
1,673,209. System of picture transmission. Semat Laurent (inventor). Issued 6-12-28.
1,673,268. Shock absorber. Rouanet Louis (inventor); Cie d Applications Mecaniques (grantee). Issued 6-12-28.
1,673,340. Sleeve valve engine. Schaeffer Charles (inventor); S A des Anciens Etablissements, Panhard and Levassor (grantees). Issued 6-12-28.
1,673,349. Process of making polychromatic screens for color photography. De Bercegol Raymond Camille Marie (inventor), Issued 6-12-28.
1,673,350. Color photography or cinematography. Dufay Louis (inventor). Issued 6-12-28.
1,673,484. Internal combustion engine with cylinders arranged in two opposite lines. Bertrand Jean Joseph Marie et al, Solanet Louis Joseph Henri (inventors). Issued 6-12-28.
1,673,538. Racing toy. Thuillier Eugene Hippolyte (inventor). Issued 6-12-28.
1,673,610. Footlight device. Weizsaeker Georges (inventor); Soc des Anciens Etablissements Siegel and Stockman Reunis (grantees). Issued 6-12-28.
1,673,675. Process for the recovery separation or extraction of gold platinum and other metals applicable also for the separation of precious stones from the earth or material containing them. Hanciau Georges Charles Edouard Francois (inventor). Issued 6-12-28.
1,673,817. Gun carriage with split trails. Filloux Louis Jean Francois (inventor). Issued 6-19-28.
1,673,853. Vehicle body. Walker Albert H. (inventor); Weymann Charles Torres (grantee). Issued 6-19-28.
1,673,968. Motor without crank shaft. De Wasmundt Wladimir (inventor). Issued 6-19-28.
1,673,976. Safety device for preventing the escape of gas. Galaup Oscar (inventor). Issued 6-19-28.
1,673,989. Straight bar knitting machine. Noble Emile Arsene (inventor); Soc des Etablissements Delostal Freres (grantee). Issued 6-19-28.
1,674,322. Taximeter. Dubois Charles Albert (inventor); Soc the Parisienne de Mecanique Generale (grantee). Issued 6-19-28.
1,674,370. Automatic gun. Methlin Nicolas Emilien (inventor); Schneider & Cie (grantee). Issued 6-19-28.
1,674,376. Split pulley. Rouanet Louis (inventor). Cie d Applications Mecaniques (grantee). Issued 6-19-28.
1,674,425. Construction of closed motor vehicles. Claveau Emile (inventor). Issued 6-19-28.
1,674,525. Powder box. Schall Jacques (inventor). Issued 6-19-28.
1,674,711. Process for the manufacture of metal salts of sulpho arsenol. Lehnhoff Wyld Frederic (inventor). Issued 6-26-28.
1,674,796. Process for refining and stabilizing hydrocarbons. Prudhomme Eugene Albert (inventor); Soc Internationale des Procedes, Prudhomme S I P P (grantees). Issued 6-26-28.
1,674,891. Apparatus for the transformation of ethylsulphuric acid into alcohol or ethers. Duchange Maurice (inventor); Cie de Bethune (grantee). Issued 6-26-28.
1,674,901. Decombining device for combination locks employed for safes. Ibarrart Henri (inventor). Issued 6-26-28.
1,675,071. Undercarriage for motor vehicles. Waseige Charles (inventor); Farman Henri & Maurice (grantee). Issued 6-26-28.
1,675,579. Double acting latch. Seng Raymond Pierre Louis (inventor). Issued 7-3-28.
1,675,691. Knitting machine for the manufacture of corsets and belts. Boudios Edmond Etienne (inventor); Les Fils de Emile Boudios (grantee). Issued 7-3-28.
1,675,929. Press for drying and ironing wearing linen. Flori Louis (inventor). Issued 7-3-28.
1,675,963. Resilient suspension for motor vehicles. Veglio Gaetano (inventor); S A Overcau (grantee). Issued 7-3-28.
1,676,040. Tractor operated stump uprooting device. Meunier Julien (inventor). Issued 7-3-28.
1,676,083. Fastening device for belts. Faure Charles Emile (inventor); Soc a Responsabilite Limitee Bonnart and Cie (grantees). Issued 7-3-28.
1,676,127. Tip wagon. Bernier Henri (inventor). Issued 7-3-28.
1,676,525. Shock absorbing means for automobiles. Conti Emile (inventor). Issued 7-10-28.
1,676,572. Propelling or lifting device with automatic correction. Oehmichen Etienne (inventor). Issued 7-10-28.

1,676,577. Carding machine. Schmitt Joseph (inventor). Issued 7-10-28.
1,676,680. System for the electric transmission of signals along lines for power distribution. Bethenod Joseph (inventor). Issued 7-10-28.
1,676,703. Toothbrush. Nuyts Georges (inventor). Issued 7-10-28.
1,676,708. Apparatus for automatically drawing maps and plans from two terrestrial or aerial photographs. Poivilliers Georges Jean (inventor). Issued 7-10-28.
1,676,857. Fountain brush. Cheron Jules Jean (inventor). Issued 7-10-28.
1,677,001. Lubricating device for axle journals. Moreau Jules (inventor). Issued 7-10-28.
1,677,027. Method and means for connecting windmills with electric generators. Constantin Louis (inventor); Fortier Beaulieu Paul (grantee). Issued 7-10-28.
1,677,051. Sleeve of the engine of the sleeve valve type. Schaeffer Charles (inventor); S A des Anciens Etablissements, Panhard and Levassor (grantee). Issued 7-10-28.
1,677,062. Signaling system applicable to telegraphy and telemechanical transmission. Verdan Charles et al, Loiseau Louis Marie Jean (inventors); Cie Francaise pour l Exploitation des Procedes Thomson Houston, Carpentier Ateliers J. (grantees). Issued 7-10-28.
1,677,212. Fixed support for spare wheels. Rouanet Louis (inventor); Cie d Applications Mecaniques (grantee). Issued 7-17-28.
1,677,363. Process of treating methane gas. Olivier Georges (inventor); S A le Petrole Synthetique (grantee). Issued 7-17-28.
1,677,467. Furnace for heating rivets by means of oxygen and acetylene gases. Bourleaux Fernand (inventor). Issued 7-17-28.
1,677,493. Container for dental impression outfits. Robinet Georges (inventor). Issued 7-17-28.
1,677,551. Process for producing in a solution the crystallization of the body dissolved therein. Delas Albert (inventor); Soc des Condenseaurs Delas (grantee). Issued 7-17-28.
1,677,577. Frame component. Amiot Felix (inventor); Soc d Emboutissage et de Constructions Mecaniques (grantee). Issued 7 17-28.
1,677,916. Press for the quick drying and glazing of photographic prints. Crayssac Leon (inventor). Issued 7-24-28.
1,677,964. Salts of 3 acetylamino 4 hydroxyphenyl arsenic acid and method of preparing the same. Fourneau Ernest (inventor); Les Etablissements Poulenc Freres (grantee). Issued 7-24-28.
1,678,405. Process for rendering gas absorbent bodies air tight in liquids. Oppenheim Rene (inventor); S A le Carbone (grantee). Issued 7-24-28.
1,678,421. Refrigerator car. Corblin Henri (inventor). Issued 7-24-28.
1,678,439. Leaded glasswork. Le Roy Georges (inventor). Issued 7-24-28.
1,678,464. Ironing steam press. Diebold Pierre (inventor). Issued 7-24-28.
1,678,465. Ironing steam press. Diebold Pierre (inventor). Issued 7-24-28.
1,678,588. Bottle utilizable as a vase by turning it over. De Gerson Francis born Raesfeld Jeanne Berthier (inventors). Issued 7-24-28.
1,678,737. System of radiogoniometry. Loth William Arthur (inventor); Soc Industrielle des Procedes W A Loth (grantee). Issued 7-31-28.
1,678,742. Construction of refrigerator chambers. Meynieu Jean Georges (inventor). Issued 7-31-28.
1,678,902. Camera view finder. Debrie Andre Leon Victor Clement (inventor). Issued 7-31-28.
1,679,063. Machine for slotting the heads of screws and the like. Spengler Edwin (inventor). Issued 7-31-28.
1,679,254. Support for the pylons of staging and the like. Masson Charles Pierre (inventor). Issued 7-31-28.
1,679,698. Shock absorber working with progressive compression. Weydert Hubert Jules (inventor). Issued 8-7-28.
1,680,004. Aluminum alloy of high resistance. Benit Henri (inventor). Issued 8-7-28.
1,680,154. Vehicle headlight. Parent Gustave Alphonse Marie Lamblin (inventors). Issued 8-7-28.
1,680,204. Hydraulic braking apparatus. Charles Maurice (inventor). Issued 8-7-28.
1,680,613. Carbonizing apparatus. Hennebutte Henri et al, Goutal Edouard (inventors). Issued 8-14-28.
1,680,666. Ship boat and other vehicles provided with aerial turbines. Constantin Louis et al, Daloz Gaston (inventors). Issued 8-14-28.
1,680,867. Water purifier. Gail Jean Baptiste et al, Adam Noel (inventors). Issued 8-14-28.
1,680,873. Method of storing and transporting gases. Lucas Girardville Paul Nicolas (inventor). Issued 8-14-28.
1,680,874. Speed reducing control. Gravillon Auguste Eugene Henri (inventor). Issued 8-14-28.
1,680,884. Driving axle of the single type comprising loose vehicle wheels mounted upon stationary axles. Huguenin Albert (inventor). Issued 8-14-28.
1,680,886. Device for mounting glasses on the doors of vehicles. Janoir Louis (inventor). Issued 8-14-28.
1,680,890. Pneumatic suspension device for vehicles. Laugaudin Eugene Jules (inventor). Issued 8-14-28.
1,680,901. Extensible device with power indicator for physical culture. Meyer Ludwig (inventor). Issued 8-14-28.
1,680,902. Setting device for time fuses. Methlin Nicolas Emilien (inventor); Schneider & Cie (grantee). Issued 8-14-28.
1,681,106. Automatic stopping system for railroad cars. Farenc Jean (inventor). Issued 8-14-28.
1,681,166. Automatic Chuck. Beck Frederic (inventor); Soc Generale des Mandrins Brevets Beck (grantee). Issued 8-21-28.
1,681,191. Apparatus for refining metals. Maximoff Juvenal et al, De Costa Maria Stella, Krebs Robert Paul Daniel otherwise known as Luc Gallicanne (inventors). Issued 8-21-28.
1,681,197. Vessel with handles. Rueff Renee (inventor); Soc Economique de Paris (grantee). Issued 8-21-28.
1,681,348. Steering wheel brake. Koechlin Isaac (inventor); S A des Automobiles et Cycles Peugeot (grantee). Issued 8-21-28.
1,681,355. Shaving stick. Lowenfeld Henri (inventor). Issued 8-21-28.
1,681,839. Dish washing sterilizing and drying machine. Breton Jules Louis (inventor). Issued 8-21-28.
1,682,063. Dish washing and drying machine. Breton Jules Louis (inventor). Issued 8-28-28.
1,682,076. Process of protecting electric and other cables. Gogry Jean Octave (inventor). Issued 8-28-28.
1,682,084. Stamp and ticket delivering machine. Leopold Henri (inventor). Issued 8-28-28.
1,682,319. Facing member for brakes and the like. Bluhm Alexandre (inventor); S A Francaise du Ferodo (grantee). Issued 8-28-28.
1,682,344. Apparatus for the subcutaneous injection of oxygen or other gases. Lesieur Maurice (inventor). Issued 8-28-28.
1,682,634. Automatic fire protection door or screen. Schwab Jules (inventor); Soc Thermosonus (grantee). Issued 8-28-28.
1,682,725. Apparatus for determining the frequency of rotation or oscillation of moving parts. Guillet Amedee Victor Joseph et al, Bertrand Alexandre (inventors). Issued 8-28-28.
1,682,803. Amusement device. Rouge Octave (inventor). Issued 9-4-28.
1,682,820. Washing apparatus for coals. Wolf Philippe (inventor). Issued 9-4-28.
1,682,892. Lighter. De Goll Louis (inventor). Issued 9-4-28.
1,683,112. Gas supplying apparatus. Weber Robert (inventor); Les Petits Fils de Francois de Wendel and Cie (grantees). Issued 9-4-28.
1,683,177. Mine recess of mine planting submarines. Fenaux Fernand (inventor); S. A. Chantiers and Ateliers Augustin Normand (grantees). Issued 9-4-28.
1,683,198. Process for the extraction of butyric acid and its homologues. Lefranc Jacques (inventor); Soc Des Brevets Etrangers Lefranc and Cie (grantees). Issued 9-4-28.
1,683,522. Method of damping oscillations for use with suspension leaf springs and the like. Broussouse Fernand Louis (inventor). Issued 9-4-28.
1,683,963. Furnace arch. Duquenne Camille (inventor). Issued 9-11-28.
1,684,042. Apparatus for controlling the positioning of devices from a distance. Methlin Nicolas Emilien (inventor); Schneider & Cie (grantee). Issued 9-11-28.
1,684,094. Ice cream and method of making same. Hatmaker James Robinson (inventor). Issued 9-11-28.
1,684,103. Elimination of wireless parasitic currents. Levy Lucien (inventor). Issued 9-11-28.
1,684,163. Flying machine. Valentin Paul (inventor); Dreux Rene (grantee). Issued 9-11-28.
1,684,202. Vanity case. Povel Hyacinthe Alphones (inventor). Issued 9-11-28.
1,684,355. Carburetor. Lioud Frank (inventor). Issued 9-11-28.
1,684,738. Process for the manufacture of perylene. Marschalk Charles Henri (inventor). Issued 9-18-28.
1,684,789. Loom. Bilhartz Charles (inventor). Issued 9-18-28.
1,684,800. Centrifugal liquid crucible. Maximoff Juvenal et al, De Costa Maria Stella Nee Vincent (inventors). Issued 9-18-28.
1,684,875. Apparatus for the carbonization and distillation of wood. Malbay Raphael (inventor). Issued 9-18-28.
1,685,051. Liquid level indicator. Girardet Jacques (inventor). Issued 9-18-28.
1,685,163. Combined rake and binding apparatus. Jeanson Mari (inventor). Issued 9-25-28.
1,685,553. Sand mold for casting magnesium and process of making same. Michel Gilbert (inventor); Berg Hart O (grantee). Issued 9-25-28.
1,685,695. Separating device for lead storage batteries. Fery Charles Jean Victor (inventor). Issued 9-25-28.
1,685,773. Hair curling device. Cierplikowski Antoine (inventor). Issued 10-2-28.
1,685,896. Viscosimeter. Woudhuysen Jacques et al, Ory Gaston (inventors). Issued 10-2-28.
1,685,984. Syringe. Cournand Jules et al Cournand Rene (inventors). Issued 10-2-28.
1,686,106. Metallic flooring plate for shops and like uses. Saives Leon (inventor); Renault Louis (grantee). Issued 10-2-28.
1,686,166. Grease package. Muller Jacques (inventor). Issued 10-2-28.
1,686,255. Distributor for slender articles of elongated shape. Robergel Gabriel (inventor). Issued 10-2-28.
1,686,331. Manufacture of carpets. Le Gloahec Victor Charles Emile (inventor). Issued 10-2-28.

1,687,191. Suspension without axles for motor vehicles. Ballot Ernest Maurice (inventor). Issued 10-9-28.

1,687,300. Application of cold to the manufacture of flour. Loizillon Jean Joseph Bernard (inventor). Issued 10-9-28.

1,687,307. Battery electric accumulator and electrolyzing apparatus. Oppenheim Rene (inventor); S A le Carbone (grantee). Issued 10-9-28.

1,687,526. Cylinder head for internal combustion engines. Tartrais Eugene Henri (inventor). Issued 10-16-28.

1,687,603. Separator. Amet Pierre (inventor). Issued 10-16-28.

1,687,697. Theft preventing rocking lock for bicycles. Soulliere Edouard (inventor). Issued 10-16-28.

1,687,910. Safety razor. Valabregue Rene Max (inventor); Le Rasoir Apollo (grantee). Issued 10-16-28.

1,687,946. Apparatus for checking the profiles of gear wheels the pitch of screws and similar articles. Massiot Georges (inventor). Issued 10-16-28.

1,687,984. Mechanical construction of pianos. Lyon Gustave (inventor); S A Pleyel (grantee). Issued 10-16-28.

1,688,147. Air heater and the like. Levron Maurice (inventor). Issued 10-16-28.

1,688,196. Plastic display. Masson Marcel (inventor). Issued 10-16-28.

1,688,260. Automatic nail feeding device for nailing machines. Alibert Emile (inventor). Issued 10-16-28.

1,688,376. System of propulsion for ships. Bidoire Maxime Auguste Leon (inventor). Issued 10-23-28.

1,688,491. Manufacture of molded and vulcanized rubber cork articles. Grimoin Sanson Raoul et al, Daniel Herman (inventors). Issued 10-23-28.

1,688,550. Internal combustion engine. Methlin Nicolas Emilien (inventor); Schneider and Cie (grantee). Issued 10-23-28.

1,688,865. Magazine for tickets. Gagneau Paul (inventor). Issued 10-23-28.

1,688,947. Carburetor. Thomas Francois Victor Albert (inventor). Issued 10-23-28.

1,689,132. Window for doors of motor cars and the like. Haarnagell Georges (inventor). Issued 10-23-28.

1,689,210. Conveyer operated at accelerated speed. Halter Georges (inventor). Issued 10-30-28.

1,689,238. Clearing mechanism for preparatory machines for textile fiber. Gegauff Charles et al, Pflimlin Jules (inventors). Issued 10-30-28.

1,689,279. Spraying device. Dormoy Jean (inventor). Issued 10-30-28.

1,689,283. Stenographic machine. Grand Jean Marc (inventor); S. A. Stenotype Grandjean (grantee). Issued 10-30-28.

1,689,360. Grease gun filling device. Monnot Robert (inventor). Issued 10-30-28.

1,689,891. Process of producing calcium aluminate cement. Roche Emile Marcel (inventor); Urbain Bellony Voisin (grantee). Issued 10-30-28.

1,689,987. Shaving brush. Werner Jean Marie (inventor). Issued 10-30-28.

1,690,472. Cleaning means. Breton Paul (inventor). Issued 11-6-28.

1,690,486. Device for giving warning of fire. Half Edmond (inventor) Issued 11-6-28.

1,690,770. Cinematograph apparatus with continuously fed film. Continsouza Victor et al, Combes Maurie (inventors). Issued 11-6-28.

1,690,949. Apparatus for measuring the rate of flow of fluids. Albanese Giuseppe Sacco (inventor). Issued 11-6-28.

1,691,383. Typographical printing machine. Duwoos Paul Andre Camile (inventor). Issued 11-13-28.

1,691,427. Process for the manufacture of products of condensation of urea and formaldehyde and the products thus obtained. Barthelemy Henri (inventor); Soc Industrielle Des Matieres Plastiques (grantees). Issued 11-13-28.

1,691,602. Closing and regulating cock for all liquids and gases. Ferrette Louis (inventor). Issued 11-13-28.

1,691,713. Viscose distributing device for artificial silk plants. Frey Armand Charles (inventor). Issued 11-13-28.

1,691,737. Fluid actuated compressor. Pescara Raul Pateras (inventor). (Issued 11-13-28.

1,691,802. Wadding device for the cartridges of fowling pieces. Gabel Charles (inventor); S A Cartoucherie Francaise (grantee). Issued 11-13-28.

1,692,070. Control means for clutches brakes and the like. Athimon Francis (inventor). Issued 11-20-28.

1,692,092. Cinematographic apparatus. Oeh Michen Etienne (inventor). Issued 11-20-28.

1,692,107. Direct injection fuel atomizer for internal combustion engines. Archaouloff Vadime (inventor). Issued 11-20-28.

1,692,139. Braking mechanism for front wheels on motor cars. Poulet Edouard (inventor). Issued 11-20-28.

1,692,163. Liquid level indicator. Farman Henri (inventor). Issued 11-20-28.

1,692,290. Pump and like engine. De Rueda Manuel Gomez (inventor). Issued 11-20-28.

1,692,295. Automatic fastening device. Gerard Auguste Leon Jean (inventor). Issued 11-20-28.

1,692,299. Carburetor. Harding Howard Joseph (inventor). Issued 11-20-28.

1,692,307. Power loom. Knobel Reinhard et al, Knobel Eugen (inventors); Walter Charles (grantee). Issued 11-20-28.

1,692,434. Hinge for jewelry. Candas Gaston (inventor). Issued 11-20-28.

1,692,692. Process for the manufacture of sulphate of aluminum. Patrouilleau Louis Gabriel (inventor); Soc Alumine Et Derives (grantee). Issued 11-20-28.

1,692,703. Construction of automatic clutches provided with a centrifugal mass. Rigolage Maurice Jean Joseph (inventor); Soc D Eugins Graisseurs (grantee). Issued 11-20-28.

1,692,917. Gradual clamping clip for braces sock suspenders and such like. Allenic Paul (inventor). Issued 11-27-28.

1,693,302. Rotary machine. Lavergne Jean (inventor); Forest Rene (grantee). Issued 11-27-28.

1,693,486. Apparatus for treating wood with ozone. Lyon Gustave (inventor). Issued 11-27-28.

1,693,597. Pulverulent fuel furnace. Duquenne Camille (inventor). Issued 12-4-28.

1,693,774. Apparatus for the continuous preliminary treatment of crude benzols. Barbet Emile Augustin (inventor). Issued 12-4-28.

1,693,775. Fishplate. Coullie Jean Gabriel Georges et al, Cadis Jean Louis (inventors). Issued 12-4-28.

1,693,790. Compound fuel. Leveque Pierre Henri (inventor); Soc de Recherches et de Perfectionnements Industriels (grantees). Issued 12-4-28.

1,693,874. Tipping device for wagons. Sirot Charles Robert (inventor). Issued 12-4-28.

1,693,890. Ultrafilter membrane. Duclaux Jacques (inventor). Issued 12-4-28.

1,694,194. Compass. Vion Eugene (inventor). Issued 12-4-28.

1,694,203. Brake mechanism. Brault Francois et al, Cordier Andre (inventors). Issued 12-4-28.

1,694,271. Combined back fire and theft preventing device. Liberman Alexander Iezekil (inventor). Issued 12-4-28.

1,694,338. Process for the manufacture of aluminous cements. Patrouilleau Louis Gabriel (inventor); Soc Alumine et Derives (grantee). Issued 12-4-28.

1,694,377. Free wheel clutch. De Lavaud Dimitri Sensaud (inventor). Issued 12-11-28.

1,694,572. Closed road motor vehicle body. Weymann Charles Terres (inventor). Issued 12-11-28.

1,694,843. Device for the horizontal aiming of turrets comprising several guns. De Courseulles Robert (inventor); Soc Schneider and Co., Cie Des Forges and Acieries de La Marine and D Homecourt (grantees). Issued 12-11-28.

1,694,844. Process for the manufacture of artificial flowers. De Gerson Raesfeld Jeanne, born Berthier (inventor). Issued 12-11-28.

1,694,859. Fluid tight piston. Laugaudin Eugene Jules (inventor). Issued 12-11-28.

1,694,884. Manufacturing of dyestuffs from naphthidine. Le Floch Georges (inventor). Issued 12-11-28.

1,695,025. Sounding recording and sound reproducing machine. Remy Auguste et al, Renaux Jean, Delort Jean, Debrebant Francis (inventors). Issued 12-11-28.

1,695,112. Carburetor. Lamoureux Georges (inventor). Issued 12-11-28.

1,695,247. Mudguard for motor vehicles. Dedisse Henri (inventor). Issued 12-11-28.

1,695,401. Air pump. Voreaux Paul (inventor); Soc Etablissements Samga & Bavox Reunis (grantees). Issued 12-18-28.

1,695,455. Apparatus for the manufacture of artificial filaments. Delpech Jacques (inventor). Issued 12-18-28.

1,695,617. Process of and apparatus for engraving printing cylinders. Teissere Albert et al, Teissere Jean (inventors). Issued 12-18-28.

1,695,650. Pump and the like. Godillot Edouard (inventor); Laraque Roland (grantee). Issued 12-18-28.

1,695,657. Traction increasing device for endless flexible track belts. Kegresse Adolphe (inventor). Issued 12-18-28.

1,695,708. Contact device for magnetos. Bugatti Ettore (inventor). Issued 12-18-28.

1,695,743. Thread guide and cleaner for spinning looms and the like machines. Rouge Joseph Auguste (inventor). Issued 12-18-28.

1,695,945. Spring belt stretcher. Benit Henri (inventor); Cie Generale D Electricite (grantee). Issued 12-18-28.

1,696,131. Wooden plug for anchoring rails on concrete supports. Vagneux Edmond Francois Leopold (inventor). Issued 12-18-28.

1,696,226. Protective system for electric cables Douchet Florimond (inventor); Forges & Ateliers De Constructions Electriques De Jeumont S A (grantee). Issued 12-25-28.

1,696,389. Vapor burner. Debaecker Charles Edmond (inventor). Issued 12-25-28.

1,696,472. Shock arrester. Conti Emile (inventor). Issued 12-25-28.

1,696,501. Dielectric substance and process for manufacturing same. Mouillefarine Andre (inventor). Issued 12-25-28.

1,696,515. Composing apparatus for type setting machines. Barennes Robert (inventor). Issued 12-25-28.

1,696,646. Manufacturing of valves and like devices. Saives Leon (inventor); Renault Louis (grantee). Issued 12-25-28.

1,696,968. Automatic optical projection apparatus. Outrey Fernand (inventor); Pathe Cinema Anciens Etablissements, Pathe Freres (grantees). Issued 1-1-29.

1,697,009. Flying machine. Isacco Vittorio (inventor). Issued 1-1-29.

1,697,031. Postmarking apparatus. Tiranty Philippe Henri Louis (inventor). Issued 1-1-29.

1,697,201. Receptacle filling machine. Muller Victor (inventor). Issued 1-1-29.

1,697,722. Process for recovering barium as barium carbonate from barium silicates. Deguide Camille (inventor). Issued 1-1-29.

1,697,725. Stoppers for perfume bottles and other containers. Guerin Emile (inventor). Issued 1-1-29.

1,697,730. Controlling device for power transmission for vehicles traveling upon tracks. Mariage Pierre (inventor); Soc De Construction et d Entretien De Materiel Industriel et Agricole, Scemia (grantee). Issued 1-1-29.

1,697,737. Textile material drawing. Simon Christophe (inventor). Issued 1-1-29.

1,697,910. Solution of ammonium salt of hydroxyacetylaminophenylarsenic acid. Fourneau Ernest (inventor). Issued 1-8-29.

1,698,646. Muzzle cover for guns. Methlin Nicolas Emilien (inventor); Schneider & Cie (grantee). Issued 1-8-29.

1,698,647. Purification of magnesium and its alloys. Michel Gilbert (inventor); Berg Hart O (grantee). Issued 1-8-29.

1,698,798. Rectification of acetic acid. Legendre Georges Felix (inventor); Soc Des Etablissements Barbet (grantee). Issued 1-15-29.

1,699,031. Vehicle. Sevault Alfred Marie et al, Gerrard Auguste Leon Jean (inventors). Issued 1-15-29.

1,699,134. Steam boiler draft increasing device. Chapelon Andre (inventor). Issued 1-15-29.

1,699,192. Antivibratory device applicable to the steering wheels of vehicles. Houdaille Maurice (inventor). Issued 1-15-29.

1,699,336. Mechanically operating retarding device for projectile fuses and other firing devices. Remondy Leon Emile (inventor). Issued 1-15-29.

1,699,562. Measuring and delivering apparatus for liquids. Courtioux Jean Pierre (inventor). Issued 1-22-29.

1,699,568. Means for making hollow monolithic buliding elements. Pauly Emile (inventor). Issued 1-22-29.

1,699,571. Process of manufacturing bearing cages. Rouanet Louis (inventor). Cie d Applications Mecaniques (grantee). Issued 1-22-29.

1,699,583. High speed motor driven spindle. Bronnert Emile (inventor). Issued 1-22-29.

1,700,068. Signaling device for machines. Meurin Henri (inventor); Soc h Trente Livres and Co (grantee). Issued 1-22-29.

1,700,208. Process and apparatus for production of a substance having a nacreous and chatoyant aspect. Paisseau Jean (inventor). Issued 1-29-29.

1,700,266. Coal breaker. Lozai Amable et al, Lerciu Achille (inventors). Issued 1-29-29.

1,700,612. Change speed gear. Fries Gustave (inventor). Issued 1-29-29.

1,700,756. Dry process of manufacturing calcium arsenite. Altwegg Jean et al, Dutel Anne Marie (inventors); Soc des Usines Chimiques, Rhone Poulenc (grantee). Issued 2-5-29.

1,700,902. Carriage for antiaircraft guns. Le Prieur Yves Paul Gaston (inventor); S A la Precision Moderne (grantee). Issued 2-5-29.

1,700,921. Carburetor. Chanard Auguste (inventor). Issued 2-5-29.

1,701,032. Atomizer. Dubray Pierre (inventor). Issued 2-5-29.

1,701,582. Road or course indicator for motor vehicles, vessels, aircraft, or the like. Mengden Georges (inventor). Issued 2-12-29.

1,702,107. Fastening device for watches and other articles of jewelry. Cartier Louis J (inventor); Cartier S A (grantee). Issued 2-12-29.

1,702,133. Supersensitive fuse for projectiles of all calibers. Remondy Leon Emile (inventor). Issued 2-12-29.

1,702,167. Piece of ordnance more particularly adapted for firing upon aircraft. Methlin Nicolas Emilien (inventor). Schneider & Cie (grantee). Issued 2-12-29.

1,702,187. Cigarette package holder. Wolfe John (inventor). Issued 2-12-29.

1,702,244. Speed reducing gear. Barbarou Marius Jean Baptiste (inventor). Issued 2-19-29.

1,702,250. Iron oxides and their production. Delachaux Clarence Leon (inventor). Issued 2-19-29.

1,702,275. Installation and device for the distillation and depolymerization of liquid or liquefiable hydrocarbons. Seigle Adolphe Antoine Francois Marius (inventor). Issued 2-19-29.

1,702,303. Manufacture of food and other useful products from lower vegetables. Kahn Albert (inventor). Soc Francaise des Produits Alimentaires Azotes (grantees). Issued 2-19-29.

1,702,433. Carburetor. Griffon Gaston (inventor). Issued 2-19-29.

1,702,549. Movable turntable for railways. Schoeller Gustove Adolphe (inventor). Issued 2-19-29.

1,702,631. Method for protecting fluid containers. Courtin Rene (inventor). Issued 2-19-29.

1,702,735. Preservation of flour grain grain by-products or the like. Legendre Rene Andre (inventor). Issued 2-19-29.

1,702,785. Electric bulb of the three electrode type. LeBlanc Charles Leonard Armand Maurice (inventors); S A Pour l Exploitation des procedes Maurice LeBlanc Vickers (grantees). Issued 2-19-29.

1,702,865. Motor propelling unit for motor vehicles. Gerin Jacques (inventor). Issued 2-19-29.

1,702,947. Pocket or pyrophoric lighter. Quercia Janvier (inventor). Issued 2-19-29.

1,703,026. Film gophering cylinder. Brosse Paul (inventor). Issued 2-19-29.

1,703,097. Process for the manufacture of marble plaster. Chassevent Louis Emile (inventor). Issued 2-26-29.

1,703,264. Friction shock absorber. D. Albay Jacques Tournadour (inventor); S A Etablissements Maurice Houdaille Levallois Perret (grantees). Issued 2-26-29.

1,703,400. Target towing and releasing device. Lamkey William A. (inventor). Issued 2-26-29.

1,703,723. Bag making machine. Corse Gaston (inventor); Chambon Louis (grantee). Issued 2-26-29.

1,703-728. Machine for the obtainment of gathered work. Ezebelent Eugene Louis (inventor). Issued 2-26-29.

1,703,747. Arrangement for the recovery of heat and water vapor in gaseous reactions. Patart Georges Leon Emile (inventor). Issued 2-26-29.

1,703,793. Heat regenerator with large surface. Stein Charles M. (inventor); S A des Appareils de Manutention and Fours Stein (grantee). Issued 2-26-29.

1,703,973. Liquid elevator. Weymann Charles Torres (inventor). Issued 3-5-29.

1,704,034. Aircraft provided with rotating wing surfaces. Chauviere Lucien (inventor). Issued 3-5-29.

1,704,046. Pivoting headlight. Lespinat Georges, Kalhaus Ernst, et al (inventors). Issued 3-5-29.

1,704,308. Polishing and grinding material. Szilard Bertrand (inventor). Issued 3-5-29.

1,704,400. Hand driven propulsion rudder for crafts and the like. Michiels Eugene Jules Desire (inventor). Issued 3-5-29.

1,704,469. Device for the evacuation of waste scraps from kitchens or the like. Garchey Louis Antoine (inventor). Issued 3-5-29.

1,704,585. Reclining armchair. Astruc Jean Gabriel Victor (inventor). Issued 3-5-29.

1,704,629. Electric and thermal insulator and process for manufacturing same. Samuel Andre Albert (inventor). Issued 3-5-29.

1,704,981. Method of preparing luminescent tubes. LeBrun Paul Francois Joseph (inventor). Issued 3-12-29.

1,705,206. Projectile fuse. Remondy Leon Emile (inventor). Issued 3-12-29.

1,705,238. Commutator. Daloz Jules Gaston (inventor). Issued 3-12-29.

1,705,383. Combustion chamber for use with powdered fuel. Weiss Paul (inventor); Soc. des Mines de Frankenholz (grantee). Issued 3-12-29.

1,705,390. Cylinder engine. Birkigt Marc (inventor). Issued 3-12-29.

1,705,392. Dispensing apparatus. Bohling Peter (inventor); S. A. Pour Tous Appareillages Mecaniques Satam (grantees). Issued 3-12-29.

1,705,412. Radio receiving system. Levy Lucien (inventor). Issued 3-12-29.

1,705,446. Stroboscope. Guillet Amedee Victor Joseph (inventor). Issued 3-12-29.

1,705,471. Heat interchanger of the plate type. Debeauvais Georges Marie Gerouille (inventor); Prat Georges Jules (grantee). Issued 3-19-29.

1,705,542. Toothbrush. Ryser Walter (inventor). Issued 3-19-29.

1,706,218. Autocollimating reflector and application to optical signaling and night advertising. Chretien Henri (inventor). Issued 3-19-29.

1,706,238. Reproducing apparatus. Lempereur Sebastien et al, Regelsperger Georges (inventors). Issued 3-19-29.

1,706,521. Braking device for the steering gear of motor vehicles. Bugatti Ettore (inventor). Issued 3-26-29.

1,706,537. Casing for electric meters. Mercier Rene (inventor); Cie Continentale Pour la Fabrication des Compteurs & Autres Appareils (grantees). Issued 3-26-29.

1,706,745. Shock absorber. Ribis Georges Prosper Gustave (inventor). Issued 3-26-29.

1,706,774. Device allowing the rapid and continuous drawing of parallel lines or bands especially in view of making polychromatic screens for color photography. De Bercegol Raymond Camille Marie (inventor). Issued 3-26-29.

1,706,802. Means for igniting the bursting charge of projectiles. Methlin Nicolas Emilien (inventor); Schneider & Cie (grantee). Issued 3-26-29.

1,706,940. Manufacture of petroleum sulphonic acids and the salts thereof. Schestakoff Peter Iwanowitsch (inventor). Issued 3-26-29.

1,706,954. Washing machine. Clemencet Louis Eugene (inventor). Issued 3-26-29.

1,707,079. System for measuring electrical quantities. Dubusc Roger (inventor); Cie Pour la Fabrication des Compteurs et Materiel d Usines a Gaz (grantees). Issued 3-26-29.

1,707,157. Film for motion pictures in color. Berthon Rodolphe (inventor). Issued 3-26-29.

1,707,249. Gas producing apparatus. Bregeaut Lucien (inventor). Issued 4-2-29.

1,707,268. Body mounting. Kelsch Clement Jean (inventor). Issued 4-2-29.

1,707,393. Power transmitting mechanism for automobiles and other purposes. Gherassimoff Nicolas (inventor). Issued 4-2-29.

1,707,868. Portable talking machine. Midence Adolph (inventor). Issued 4-2-29.

1,707,915. Lubricating apparatus with multiple pumps. Lefebvre Albert (inventor). Issued 4-2-29.

1,707,980. Film camera. Guerin Emile (inventor). Issued 4-9-29.

1,708,001. Manufacture of naphthoquinone derivatives. Wahl Andre et al Lantz Robert (inventors); S A des Matieres Colorantes et Produits Chimiques de Saint Denis (grantees). Issued 4-9-29.

1,708,526. Rotary chemical furnace. Tocco Luigi et al, Landi Michele (inventors); Soc le Pour Chimique Rotatif S A Francaise (grantees). Issued 4-9-29.
1,708,632. Spring seat. Podiebrad Bernard (inventor). Issued 4-9-29.
1,708,839. Mechanical vibrating ramming device. Jarrett Knott Charles Edouard Georges Louis (inventor). Issued 4-9-29.
1,708,840. Automatic cop changing mechanism with oscillating loader magazine for looms. Laforet Jean (inventor). Issued 4-9-29.
1,709,039. Closing device for all fluids particularly for liquids used in automobiles. Poirmeur Louis Ildevert (inventor). Issued 4-16-29.
1,709,060. Mud guard for vehicles. Cauchy Urbain (inventor). Issued 4-16-29.
1,709,094. Agricultural machine. Orge Marcel (inventor). Issued 4-16-29.
1,709,503. Decolorizing carbon. Urbain Edouard (inventor). Issued 4-16-29.
1,709,548. Musical instrument. Tournier Marcel (inventor). Issued 4-16-29.
1,709,593. Closing device for hand baggage and cases and the like. Romanoff Hippolyte (inventor). Issued 4-16-29.
1,709,718. Metal covered pneumatic tire. Gherassimoff Nicolas (inventor); Rivoche Eugene (grantee). Issued 4-16-29.
1,709,784. Pivoting head lamp for vehicles. Gauchot Prosper Felix (inventor). Issued 4-16-29.
1,709,858. Luminescent tube. Lebrun Paul Francois Joseph (inventor). Issued 4-23-29.
1,710,255. Process for obtaining organic iodine. Gloess Paul (inventor). Issued 4-23-29.
1,710,271. Combined detonator & fuse body for percussion or other fuses. Remondy Leon Emile (inventor). Issued 4-23-29.
1,710,350. Constructional element. Dewoitine Emile Julien (inventor). Issued 4-23-29.
1,710,362. System for the automatic irrigation of the soil. Korneff Basil (inventor); Soc Nord Africaine d'Etudes & d' Enterprises S A Francaise (grantees). Issued 4-23-29.
1,710,868. Plaiting machine. Ezbelent Georges et al, Ezbelent Roger (inventors); Ezbelent Fils (grantee). Issued 4-30-29.
1,710,874. Convertible carriage work. Hoch Charles (inventor). Issued 4-30-29.
1,711,428. Separating and purifying apparatus for liquids. Schafer Jean (inventor). Issued 4-30-29.
1,711,531. Perfume set. Heymann Paul (inventor). Issued 5-7-29.
1,711,614. Concentrating apparatus. Passelecq Georges Hector (inventor). Issued 5-7-29.
1,711,704. Road motor vehicle body and method of making same. Steinbrugge Hermann (inventor); Weymann Charles Torres (grantee). Issued 5-7-29.
1,711,855. Manufacture of carbureting liquids similar to petrol. Prudhomme Eugene Albert (inventor); Soc Internationale des Procedes Prudhomme S I P P (grantee). Issued 5-7-29.
1,711,856. Process for the manufacture of synthetic liquid fuels. Prudhomme Eugene Albert (inventor); Soc Internationale Des Procedes Prudhomme S I P P (grantee). Issued 5-7-29.
1,712,037. Apparatus for binding packing cases and similar objects by means of hoops. Halter Georges (inventor). Issued 5-7-29.
1,712,155. Live axle having driving wheels. Mistral Paul Henri (inventor). Issued 5-7-29.
1,712,171. Setting provided with removable stones. Rochas Maurice Gustave Eugene (inventor); Bielle Fernand Louis, Soc Rochas Fils and Millet (grantees). Issued 5-7-29.
1,712,342. Draining or drying rack for dishes and like culinary effects. Fitzgerald William George (inventor). Issued 5-7-29.
1,712,377. Tuned electrical servo motor device. Chirol Maurice (inventor); Cie Pour la Fabrication des Compteurs et Matériel d Usines a Gaz (grantee). Issued 5-7-29.
1,712,550. Amusement and recreative devices for fairs and the like. Chaussier Noel (inventor). Issued 5-14-29.
1,712,763. Method and means for the repetition of telegraphic signals. Hamel Charles Louis (inventor). Issued 5-14-29.
1,712,840. Lipstick holder. Povel Hyacinthe Alphonse (inventor). Issued 5-14-29.
1,713,003. Automatic printing telegraph. Penot Robert Emile Marie (inventor). Issued 5-14-29.
1,713,040. Plaiting machine. Ezbelent Georges et al., Ezbelent Roger (inventors). Issued 5-14-29.
1,713,190. Wheeled split trail gun carriage. Methlin Nicolas Emilien (inventor); Schneider & Cie (grantee). Issued 5-14-29.
1,713,337. Screen for internal combustion engines. Hibbard Thomas Laurence (inventor). Issued 5-14-29.
1,713,363. Binding for stitched books. Aimon Marcel (inventor). Issued 5-14-29.
1,713,366. Hydraulic prime mover. Beurrier Alexis (inventor). Issued 5-14-29.
1,713,375. Machine for cutting float thread. Cordier Gustave (inventor). Issued 5-14-29.
1,713,399. Loud speaker. Saldana Felipe (inventor). Issued 5-14-29.
1,713,433. Wearing apparel. Hamberger Paul (inventor). Issued 5-14-29.
1,713,508. Automatic furnace apparatus. Andre Roger Marcel (inventor). Issued 5-21-29.
1,713,515. Shock absorber. Bechereau Louis (inventor). Issued 5-21-29.
1,713,570. Gliding boat. Torralva Domingo (inventor). Issued 5-21-29.
1,713,742. Method of manufacture of rectangular tubes. Challet Etienne (inventor); Borel Maurice Arthur (grantee). Issued 5-21-29.
1,713,743. Method for truing up the measuring jaws of sliding calipers. Challet Etienne (inventor); Borel Maurice Arthur (grantee). Issued 5-21-29.
1,713,921. Apparatus for enabling long endless bands of flexible material to be circulated in reduced spaces. Rouiller Albert (inventor). Issued 5-21-29.
1,713,959. Means for controlling the nippers in Heilmann and like combers. Gegauff Charles (inventor); Soc Alsacienne de Constructions Mecaniques (grantee). Issued 5-21-29.
1,713,980. Seat of motor cars. Saives Leon (inventor); Renault Louis (grantee). Issued 5-21-29.
1,714,017. Means for controlling the nippers in Heilmann and like combers. Gefauff Charles (inventor); Soc Alsaceinne de Constructions Mecaniques (grantee). Issued 5-21-29.
1,714,129. Atomizer. Lemoine Renee Marie Louise nee Trouillet (inventor). Issued 5-21-29.
1,714,154. Radiovision and telecinematography. Belin Edouard (inventor). Issued 5-21-29.
1,714,205. Log constituted by a vane wheel. Baule Marie Emile Alfred (inventor). Issued 5-21-29.
1,714,415. Automatic circuit breaking system. Benit Henri (inventor). Issued 5-21-29.
1,714,898. Pump for massage apparatus. Zund Burguet Adolphe (inventor). Issued 5-28-29.
1,715,057. Loud speaking device. Decaux Leopold Rene (inventor). Issued 5-28-29.
1,715,272. Arc lamp. Benard Henri Lugiien Marie Joseph (inventor); Anciens Etablissements Barbier Benard et Turenne (grantees). Issued 5-28-29.
1,715,297. Device for molding combustible eggettes. Kleinberg Gustave (inventor). Issued 5-28-29.
1,715,368. Internal combustion engine. Jaussaud Lazare Stephane (inventor). Issued 6-4-29.
1,715,695. Derusting ferrous metals. Cole William Howard (inventor). Issued 6-4-29.
1,715,736. Radio instrument controlling device. Bonnefont Antoine (inventor). Issued 6-4-29.
1,715,766. Method of covering roads with reenforced concrete. Lancette Cesar Jean Marie (inventor). Issued 6-4-29.
1,715,904. Apparatus for transmitting and receiving telegraphic messages in code. Damm Arvid Gerhard (inventor). Issued 6-4-29.
1,715,974. Brush. Andrieu Louis (inventor). Issued 6-4-29.
1,715,978. Lubricating device for vertical shafts. Benit Henri (inventor). Issued 6-4-29.
1,716,120. Process for the production of washable printings on leather. Friedman Charles S (inventor). Soc Anciens Etablissements a Combe & Fils & Cie (grantee). Issued 6-4-29.
1,716,134. Movable wheel for reversible rotary machines and particularly for hydraulic turbines. Huguenin Albert (inventor). Issued 6-4-29.
1,716,218. Dyeing process. Escaich Auguste et al, Worms Jean Paul (inventors). Issued 6-4-29.
1,716,225. Elastic coupling. Georgevitch Nicholas (inventor). Issued 6-4-29.
1,716,240. Apparatus for the unloading of railroad cars and other vehicles. Postweiler Charles (inventor). Issued 6-4-29.
1,716,256. Cylinder block assembly. Birkigt Marc (inventor). Issued 6-4-29.
1,716,461. Galvanic battery. Portail Fernand Charles Frederic (inventor); S A Le Carbone (grantee). Issued 6-11-29.
1,716,527. Manufacturing process for aluminous cements. Martin Ernest (inventor). Issued 6-11-29.
1,716,540. Apparatus for measuring and distributing liquids. Dubreuil Gaston (inventor); S A Pour Tous Appareillages Mecaniques (grantees). Issued 6-11-29.
1,716,706. Process for manufacture of tiles. Rey Ami (inventor). Issued 6-11-29.
1,717,187. Daylight charging photographic plate holder. Chauvin Henri (inventor). Issued 6-11-29.
1,717,189. Carding machine. Clarisse Gustave (inventor). Issued 6-11-29.
1,717,244. Gas accumulator. Oppenheim Rene (inventor). Issued 6-11-29.
1,717,304. Drilling device for the manufacture of glass bottle necks. Bayet Jules Alexis (inventor); S A Des Cristalleries de Nancy (grantee). Issued 6-11-29.
1,717,374. Brooch carrying removable letters or like figures. Dufau Henri et al, Legard Victor (inventors). Issued 6-18-29.
1,717,375. Washing wool and other textile materials. Duhamel Elisee Charles (inventor). Issued 6-18-29.
1,717,439. Process for washing or cleaning textiles materials. Duhamel Elisee Charles (inventor). Issued 6-18-29.
1,717,440. Process for washing wool. Duhamel Elisee Charles (inventor). Issued 6-18-29.
1,717,540. Process for preventing explosions in liquid air apparatus. Aubert Robert Gerard (inventor). Issued 6-18-29.
1,717,753. Centrifugal Machine. Bouillon Charles Victor (inventor). Issued 6-18-20.
1,718,024. Tachytelegraphic machine. Belin Edouard (inventor). Issued 6-18-29.
1,718,069. Closure for containers. Pernot Henri Alexandre (inventor). Issued 6-18-29.

1,718,082. Motor with sleeve valve. Schaeffer Charles (inventor); S A Des Anciens Etablissements Panhard & Levasson (grantees). Issued 6-18-29.
1,718,085. Movable platform. Sene Robert (inventor). Issued 6-18-29.
1,718,104. Vertical drying and dehydrating apparatus. Baechler Max (inventor); Baechler Kiser et Cie (grantee). Issued 6-18-29.
1,718,112. Compressor. Cavallier Jean (inventor); S A Des Hauts Fourneax et Fonderies de Pont à Mousson (grantee). Issued 6-18-29.
1,718,159. Machine for ladling and pouring purposes. Laronde Michel (inventor); S A Des Verreries et Manufactures de Glaces d' Aniche (grantees). Issued 6-18-29.
1,718,650. Latch. Janoir Louis (inventor). Issued 6-25-29.
1,718,879. Two stroke internal combustion engine. Rochefort François (inventor). Issued 6-25-29.
1,718,930. Musical instrument. Chiron Hippolyte Marius (inventor). Issued 6-25-29.
1,719,011. Rail connecting system for railroads and the like. Henry Charles Albert (inventor). Issued 7-2-29.
1,719,048. Flying machine. Ehmig Victor (inventor). Issued 7-2-29.
1,719,060. Diaphragm pump. Lamblin Alexandre (inventor). Issued 7-2-29.
1,719,066. Treatment of plant fibers. Masse Casimir (inventor). Soc Civile des Procedes Masse (grantee). Issued 7-2-29.
1,719,335. Lock. Maynard Lester (inventor). Issued 7-2-29.
1,719,362. Lubricating apparatus. Gass Ernest (inventor). Issued 7-2-29.
1,719,389. Spark plug for internal combustion engines. Colin Rene (inventor). Issued 7-2-29.
1,719,433. Antioverflow device. Juhel Maurice (inventor). Issued 7-2-29.
1,719,463. Proofing metal especially iron and steel against rust. Cole William Howard (inventor). Issued 7-2-29.
1,719,464. Proofing of iron and steel against rust. Cole William Howard (inventor). Issued 7-2-29.
1,719,758. Transporter. Dutkiewicz Valentin (inventor). Issued 7-2-29.
1,719,772. Process of forming ceramic tiles plates or the like. Lampferhoff Julius (inventor). Issued 7-2-29.
1,719,783. Windshield for motor vehicles. Rocheron Henri Francois Louis Joseph (inventor). Issued 7-2-29.
1,719,786. Method for the location of oil-bearing formation. Schlumberger Conrad (inventor). Issued 7-2-29.
1,720,094. Shock absorber. Rouanet Louis (inventor); Cie d Applications Mecaniques (grantee). Issued 7-9-29.
1,720,177. Method of protecting metal wood and other substances and objects so protected. Hatmaker James Robinson (inventor). Issued 7-9-29.
1,720,270. Construction of banjos and analogous apparatus. Grau Vincent (inventor). Issued 7-9-29.
1,720,286. Process for the protection of the surface of baths of easily oxidizable metals such as magnesium. Michel Gilbert (inventor). Issued 7-9-29.
1,720,440. Folding safety razor. Riviere Marie Louis (inventor). Issued 7-9-29.
1,720,446. Electric arc welding transformer and controlling device. Sarazin Robert (inventor). Issued 7-9-29.
1,720,571. Apparatus for exercising the fingers. Retif Georges dec (inventor); Gaymy M Emile admr (grantee). Issued 7-9-29.
1,720,597. Mechanism for controlling liquid dispensers. Gueux Joseph Jean Marie (inventor). Issued 7-9-29.
1,720,622. Dishwashing sterilizing and drying machine. Breton Jules Louis (inventor). Issued 7-9-29.
1,720,670. Manufacture of ultrafiliter membranes. Duclaux Jacques (inventor). Issued 7-16-29.
1,720,737. Steering wheel. Lambert Pierre Louis Jean Baptiste (inventor). Issued 7-16-29.
1,720,916. Carburetor for internal combustion engines. Monier Francis (inventor). Issued 7-16-29.
1,720,971. Spur gear speed increasing and speed reducing standard device in which the distance between centers and the gear ratio are variable. Schweich Roger (inventor); S A des Engrenages Citroen (grantee). Issued 7-16-29.
1,721,077. Opener. Le Blan Pierre Emile (inventor); Filature de Coton th Barrois S A (grantee). Issued 7-16-29.
1,721,221. Surgical arm chair. Jauregui Pedro (inventor). Issued 7-16-29.
1,721,244. Film for lenticular screen color photography and process of making the same. Berthon Rodolphe (inventor); Soc Civil pour l Etude de la Photographie et de la Cinematographie au Couleurs (grantee). Issued 7-16-29.
1,721,331. Float valve for automobile radiators. Bugatti Ettore (inventor). Issued 7-16-29.
1,721,372. Hydraulic brake system. Charles Maurice (inventor). Issued 7-16-29.
1,721,408. Compensating device. Perdreau Jean (inventor); S A Marinoni Machines et Materiel pour l Imprimerie et les Industries Annexes (grantee). Issued 7-16-29.
1,721,428. Adjustable shoe tree. Argence Alfred Victorin (inventor). Issued 7-16-29.
1,721,436. Anchoring device. Dubois Jean, et al, Plantade Bernard (inventors). Issued 7-16-29.
1,721,457. Valve gear for piston engines. Lemasson Roger Pierre Felix et al, Martin Edouard Hubert (inventors). Issued 7-16-29.
1,721,547. Heating system for all vehicles. De la Barre de Nanteuil Christian (inventor). Issued 7-23-29.
1,721,741. Article decorated by means of the wings of insects. Le Moult Eugene Henri (inventor). Issued 7-23-29.
1,721,833. Signal. Predhumeau Joseph (inventor). Issued 7-23-29.
1,721,875. Carriage body system for automobiles and other vehicles. Darrin Howard A (inventor). Issued 7-23-29.
1,722,141. Rubbing motion for drawing frames and the like. Grivel Henri (inventor). Issued 7-23-29.
1,722,151. Steering wheel device for automobile vehicles. Mantout Maurice (inventor). Issued 7-23-29.
1,722,177. Method of manufacturing metal furniture and products resulting therefrom. Combemale Marcel (inventor). Issued 7-23-29.
1,722,202. Manufacture of cellulose products. Cusin Maurice et al, Chevalet Pierre Alphonse Andre (inventors); Soc Lyonnaise de Soie Artificielle (grantee). Issued 7-23-29.
1,722,245. Letter holding device. Gautheron Jean Leandre (inventor). Issued 7-23-29.
1,722,249. Musical instrument. Lazare Rene Emile et al, Clapham William (inventors). Issued 7-23-29.
1,722,322. Continuous rectification of liquids at high boiling point. Barbet Emile Augustin (inventor). Issued 7-30-29.
1,722,333. Mechanically operated alarm and signal device. Mamet Claude (inventor). Issued 7-30-29.
1,722,862. Machine gun carriage. Ricordel Auguste Louis (inventor); S A La Precision Moderne (grantee). Issued 7-30-29.
1,722,888. Gyroscopic compass. Beghin Henri et al, Monfraix Paul (inventors). Issued 7-30-29.
1,722,890. Friction material. Bluhm Alexandre (inventor); S A Francaise du Ferodo (grantee). Issued 7-30-29.
1,723,250. Automatic transcriber and recorder of telegraphic signals. Penot Robert Emile Marie (inventor). Issued 8-6-29.
1,723,425. Process of separating hydrogen from gaseous mixtures. Jaubert George Francois (inventor); Soc Ammonia (grantee). Issued 8-6-29.
1,723,539. Sorting machine. Bussard Claude (inventor); Soc d Applications et de Recherches Scientifiques et Industrielles (grantee). Issued 8-6-29.
1,723,688. Plaiting machine. Ezbelent Eugene Louis (inventor). Issued 8-6-29.
1,723,689. Plaiting machine. Ezbelent Eugene Louis (inventor). Issued 8-6-29.
1,723,997. Filtering system. Audubert Rene (inventor). Issued 8-13-29.
1,724,027. Process for industrial use of inferior vegetables. Kahn Maurice et al, Le Breton Eliane, Schaeffer Georges (inventors); Soc Francais des Produits Alimentaires Azotes (grantee). Issued 8-13-29.
1,724,084. Rotary piston pump or the like. Guinard Paul Andre (inventor). Issued 8-13-29.
1,724,184. Automatic hydraulic press. Deoune Leon Charles (inventor); S A des Ateliers Armand and Deoune (grantee). Issued 8-13-29.
1,724,275. Rotary valve for explosion engines. Gerin Jacques, (inventor). Issued 8-13-29.
1,724,423. Shock absorber. Saives Leon (inventor); Renault Louis (grantee). Issued 8-13-29.
1,724,578. Bottle stopper. Guerlain Pierre (inventor). Issued 8-13-29.
1,724,641. Forced draft device for locomotives. Chanard Auguste (inventor). Issued 8-13-29.
1,724,825. Electromechanical relay motor. Chirol Maurice (inventor); Cie Pour La Fabrication Des Compteurs et Materiel d Usines a Gaz l Action a Distance (grantees). Issued 8-13-29.
1,724,828. Safety fastening device. De Lapparent Paul (inventor). Issued 8-13-29.
1,724,836. Construction of valve control rods in internal combustion engines. Heinrich Jean Marie (inventor); Soc Des Moteurs Salmson Systeme Canton Unne (grantee). Issued 8-13-29.
1,724,844. Process for the manufacture of articles of silica glass by addition of material. La Burthe Pierre Henri Clement (inventor); Soc Quartz L Silice (grantee). Issued 8-13-29.
1,724,991. Coupling of locomotive axles. Brillie Eugene (inventor). Issued 8-20-29.
1,725,027. Level indicating tank hopper. Tampier Rene Jean Camille (inventor). Issued 8-20-29.
1,725,617. Combined altimeter and telemeter. Castellani Antoine (inventor); Soc d Optique et de Mecanique de Haute Precision (grantee). Issued 8-20-29.
1,725,629. Process for the treatment of skins of animals containing calcified formations. Germain Rodolphe Adrien (inventor). Issued 8-20-29.
1,725,654. Cigarette case. Langlois Alfred Georges (inventor). Issued 8-20-29.
1,726,216. Loom. Fardet Andre George Leon (inventor). Issued 8-27-29.
1,726,339. Catamenial appliance. Burill Ives Marie Paul Jean (inventor). Issued 8-27-29.
1,726,431. Process for the surface treatment of metals. Fourment Marcel (inventor). Issued 8-27-29.
1,726,456. Knitting machine. Schenl Michel (inventor). Issued 8-27-29.
1,726,474. Method of radio signaling. Delavallee Marcel (inventor); S A Des Ondes Dirigees (grantee). Issued 8-27-29.
1,726,947. Distant control device for use over telephone lines. Chauveau Louis Lucien Eugene (inventor). Issued 9-3-29.
1,727,095. Aerial advertising and signaling device. Bleriot Louis (inventor). Issued 9-3-29.

1,727,190. Engine piston. Aumeteyer Alfred et al, Piazzoli Francois (inventors). Issued 9-3-29.
1,727,194. Electromagnetic signal transmission. Belin Edouard (inventor). Issued 9-3-29.
1,727,229. Luminous advertising apparatus. Cohen Raphael Raoul (inventor). Issued 9-3-29.
1,727,285. Card stopping device. Gullung Paul (inventor). Issued 9-3-29.
1,727,445. Mounting of shock absorbers. Rouanet Louis (inventor); Cie d Applications Mecaniques (grantee). Issued 9-10-29.
1,727,546. Means for drying buildings. Knapen Achille (inventor); Cie Generale d Assechement and d Aeration S A (grantee). Issued 9-10-29.
1,727,696. Automatic landing brake for aeroplanes. Breguet Louis (inventor); S A Des Ateliers D Aviation, Louis Breguet (grantee). Issued 9-10-29.
1,727,741. Vehicle brake. Athimon Francis (inventor). Issued 9-10-29.
1,727,742. Servo brake. Athimon Francis (inventor). Issued 9-10-29.
1,727,780. Radiator construction. Moreux Gustave Charles (inventor); Soc en nom Collectif G Moreux & Cie (grantee). Issued 9-10-29.
1,727,811. Supporting frame for electric lines. Darrieus Georges Jean (inventor). Cie Electro Mecanique (grantee). Issued 9-10-29.
1,727,891. Protecting screen for cinematographic apparatus. Merle Andre Noel (inventor); Pathe Cinema Anciens Etablissements Pathe Freres (grantee). Issued 9-10-29.
1,728,097. Radiator and the like. Besson Jean Victor Henri (inventor). Issued 9-10-29.
1,728,103. Swimming apparatus. Chaligne Rene Gustave (inventor). Issued 9-10-29.
1,728,571. Apparatus for insuring complete combustion in industrial furnaces. Mille Julien (inventor). Issued 9-17-29.
1,728,813. Apparatus for renewing filaments in incandescent lamps. Tourne Charles (inventor). Issued 9-17-29.
1,728,821. Servo meter for liquid distributors. Carbonaro Mario (inventor). Issued 9-17-29.
1,728,828. Process for the industrial manufacture of artificial portland cement. Hendrickx Jean Joseph (inventor); S A Etablissements Poliet & Chausson (grantee). Issued 9-17-29.
1,728,905. Jewelry clasp. Heugas Henri Auguste (inventor). Issued 9-17-29.
1,728,914. Coal or rock cutting machine. Berry Francois Jacques Barthelemy (inventor). Issued 9-24-29.
1,728,990. Rubber composition or compound for the manufacture of paving blocks slabs and the like. Draullette Edmond (inventor). Issued 9-24-29.
1,728,991. Paving block and slab made of rubber compound. Draullette Edmond (inventor). Issued 9-24-29.
1,728,994. Protecting apparatus for presses and the like. Guinot Emile (inventor). Issued 9-24-29.
1,729,001. Ferro concrete flooring member. Lancrenon Marcel Marie Eugene (inventor). Issued 9-24-29.
1,729,056. Means for impregnating articles with synthetic resins. Texier Daniel Armand Lucien (inventor). Issued 9-24-29.
1,729,057. Means for impregnating articles with synthetic resins. Texier Daniel Armand Lucien (inventor). Issue 9-24-29.
1,729,065. Material for use in protecting iron and steel. Cole William Howard (inventor). Issued 9-24-29.
1,729,173. Servo motor controlled unclutching device for internal combustion engines. Marfaing Henri Leon (inventor); Cie Electromecanique (grantee). Issued 9-24-29.
1,729,174. Taximeter apparatus. Martinet Andre (inventor); Soc Generale Des Compteurs de Voitures la Condamine (grantee). Issued 9-24-29.
1,729,210. Wing surface used in aeronautics. Delage Gustave (inventor); S A Nieuport Astra (grantee). Issued 9-24-29.
1,729,242. Valveless internal combustion engine. Bregere Louis Joseph (inventor). Issued 9-24-29.
1,729,502. Apparatus for containing or retaining the human body or that of animals for medical surgical and hygienic purposes. Charnaux Louis Marie Clement (inventor). Issued 9-24-29.
1,729,675. Tunnel drier. Lecocq Maurice Charles Henri Octave (inventor). Issued 10-1-29.
1,729,712. Coating machine. Daignas Michel (inventor). Issued 10-1-29.
1,729,913. Apparatus for separating minerals or other materials. Trottier Rene Emile (inventor). Issued 10-1-29.
1,729,922. Film for color photography. Berthon Rodolphe (inventor); Soc Francaise Cinechromatique Procedes R Berthon (grantees). Issued 10-1-29.
1,730,191. Carbureting apparatus. Claudel Charles Henri (inventor). Issued 10-1-29.
1,730,269. Automatic firearm. Darne Regis (inventor). Issued 10-1-29.
1,730,280. Advertising apparatus. Lau Dook Heng (inventor). Issued 10-1-29.
1,730,284. Universal press. Meredieu Damien (inventor). Issued 10-1-29.
1,730,942. Tool for engraving rollers applicable for the treatment of photographic films. Oswald Andre (inventor); La Soc du Film en Couleurs Keller Dorian (grantees). Issued 10-8-29.
1,730,955. Device for obtaining adjustably interspaced and inclined hatchings in the electromagnetic process for engraving printing rollers. Teissere Albert et al, Teissere Jean (inventors). Issued 10-8-29.
1,730,978. Arrangement for mounting radiators in aeroplane wings. Lepere Eugene Marie Georges (inventor). Issued 10-8-29.
1,731,036. Machine for the manufacture of screws. Arnold Jean Francois (inventor). Issued 10-8-29.
1,731,192. Notebook. Doboi Joseph (inventor). Issued 10-8-29.
1,731,327. Closing arrangement for individual motor vehicle shelters. Terrisse Antoine Alexandre Guillaume Henri (inventor). Issued 10-15-29.
1,731,534. Roller for cotton gins. Karrer Andre (inventor); Soc Alsacienne de Constructions Mecaniques (grantees). Issued 10-15-29.
1,731,591. Imitation astrakhan fur and process for manufacturing the same. Romane Georges (inventor). Issued 10-15-29.
1,731,862. Double acting hydraulically controlled pump. Mengin Pierre Emile Jerome (inventor). Issued 10-15-29.
1,731,863. Automatic breech opening and closing mechanism for guns. Methlin Nicolas Emilien (inventor); Schneider & Cie (grantee). Issued 10-15-29.
1,731,901. Furnace. Malvos Robert et al, Crozemarie Marcellin (inventors). Issued 10-15-29.
1,732,063. Liquid measuring apparatus. Porte Rene (inventor); Soc Hardoll Etablissements Hariveau et Dolimier et Rene Porte et Cie Reunis (grantees). Issued 10-15-29.
1,732,097. Tap for washstands for cold and hot water and for mixing them. Lemetais Julien Albert (inventor). Issued 10-15-29.
1,732,104. Autographic machine. Mee Marcel (inventor). Issued 10-15-29.
1,732,214. Display device for exhibiting jewelry toilet articles perfumery & the like. Amez Droz Yvan (inventor); Parfumerie Houbigant (grantee). Issued 10-22-29.
1,732,562. Vehicle brake. Koechlin Isaac (inventor); S A des Automobiles et Cycles Pevgeot (grantees). Issued 10-22-29.
1,732,657. Resilient joint & method of making. Picquerez Emile (inventor); S A des Etablissements Tecalemit (grantee). Issued 10-22-29.
1,732,677. Stabilizing apparatus. Fieux Jean (inventor); Schneider & Cie (grantee). Issued 10-22-29.
1,732,693. Air compressor. Pescara Raul Pateras (inventor). Issued 10-22-29.
1,732,694. Ignition device for air compressors. Pescara Raul Pateras (inventor). Issued 10-22-29.
1,732,728. Pencil sharpening machine. Marguerat Robert (inventor). Issued 10-22-29.
1,732,827. Spark plug. Adam Edmond Pierre, Metailler Rene Louis (inventors). Issued 10-22-29.
1,732,930. Ejector & method of operating the same. Delas Albert (inventor). Issued 10-22-29.
1,733,037. Radial internal combustion engine. Weiller Paul Louis (inventor). Issued 10-22-29.
1,733,058. Sordino for reed musical instruments. Ghisleri Joseph (inventor). Issued 10-22-29.
1,733,108. Fastening device. Bienaime Robert (inventor). Issued 10-29-29.
1,733,218. Manufacture of synthetic camphor. Dupont Lucien (inventor). Issued 10-29-29.
1,733,240. Automatic taking up of play. Saives Leon (inventor); Renault Louis (grantee). Issued 10-29-29.
1,733,673. Rolling member bearing with two piece welded cage. Rouanet Louis (inventor); Cie d Applications Mecaniques (grantee). Issued 10-29-29.
1,733,679. Arc rectifier. Toulon Pierre Marie Gabriel (inventor); Soc des Etablissements Edouard Belin (grantee). Issued 10-29-29.
1,733,702. Arrangement of pieces of furniture adapted for the organization of commercial and accounting departments. Truffaut Georges (inventor). Issued 10-29-29.
1,733,718. Apparatus for concentrating audible signals by interference. Blondel Andre (inventor). Issued 10-29-29.
1,733,810. Cascade connected asynchronous electrical machine. Letrilliart Pierre (inventor); Forges & Ateliers de Constructions Electriques de Jeumont (grantee). Issued 10-29-29.
1,734,042. Rotary transformer. Moneyron Marcel (inventor). Issued 11-5-29.
1,734,848. Machine for cutting ribbons from bias or straight woven textile fabric leather rubber or other similar materials. Brandon Stephen Andre (inventor). Issued 11-5-29.
1,735,032. Fuel supplying device. Bellem Louis Henri Libert (inventor). Issued 11-12-29.
1,735,107. Process for producing simultaneously formates and gaseous mixtures rich in hydrogen. Claude Georges et al, Gosselin Albert Henri (inventors); La Soc Chimique de la Grande Paroisse Azole & Produits Chimiques (grantee). Issued 11-12-29.
1,735,161. Method & apparatus for producing spark discharges. Dufour Rene (inventor). Issued 11-12-29.
1,735,430. Closure. Giraud Victor Gabriel (inventor). Issued 11-11-29.
1,735,504. Distributing device. Levy Jack Raymond (inventor); Soc en Commandite Par Actions Oscar Levy Ses Fils & Cie Soc Des Chaussures Cecil (grantee). Issued 11-12-29.
1,735,507. Brake for motor vehicle wheels. Rouanet Louis (inventor); Cie D Applications Mecaniques (grantee). Issued 11-12-29.
1,735,640. Method of making endless wire fabrics. Franck Rene (inventor). Issued 11-12-29.

1,735,651. Twist lace machine. Noyer Felix et al, Pilard Paul (inventors). Issued 11-12-29.

1,735,753. Electromagnetic railroad switch operating device. Guenee Albert Charles James (inventor). Issued 11-12-29.

1,735,971. Cast frame for railway rolling stock. Leonard Nestor (inventor). Issued 11-19-29.

1,736,415. Oil burning furnace. Niemkoff Gregoire (inventor); S A des Appareils de Manutention et Fours Stein (grantee). Issued 11-19-29.

1,736,561. Apparatus for replacing spark plugs. Wattel Achille Leon Francois (inventor). Issued 11-19-29.

1,736,932. Progressive clutch and change speed gear. Meynier Jacques Marie Jean Frederic (inventor). Issued 11-26-29.

1,736,940. Windshield. Saives Leon (inventor); Renault Louis (grantee). Issued 11-26-29.

1,736,997. Electric mine lamp. Daloz Jules Gaston (inventor). Issued 11-26-29.

1,737,299. Atomizer. Cuel Marcel (inventor); Soc du Vaporisateur Le Frisson (grantee). Issued 11-26-29.

1,737,304. Plaiting machine. Ezbelent Georges et al, Ezbelent Roger (inventors); Ezbelent Fils (grantee). Issued 11-26-29.

1,737,337. Manifolding typewriter. Sanders Nico (inventor). Issued 11-26-29.

1,737,490. Heat accumulator. Beaurrienne Auguste (inventor). Issued 11-26-29.

1,737,504. Double fingers for mowing machines. Lavaud Jean Paul (inventor). Issued 11-26-29.

1,737,660. Three weighted torsion balance. Kogbetliantz Ervand (inventor). Issued 12-3-29.

1,737,943. Process for the manufacture of substances having a decorative effect. Paisseau Jean (inventor). Issued 12-3-29.

1,737,953. Manufacture of ammonia. Urfer Charles (inventor); Soc d Etudes Minieres & Industrielles (grantee). Issued 12-3-29.

1,738,099. Preparing machine for spinning. Fievet Eugene (inventor). Issued 12-3-29.

1,738,422. Printing machine particularly for tickets tickets of admission receipts & the like. Corse Gaston (inventor); Etablissements L Chambon (grantee). Issued 12-3-29.

1,738,445. Photographic apparatus adapted for view taking enlargements & screen projection. Oehmichen Etienne (inventor). Issued 12-3-29.

1,738,579. Wrist watch fastener. Heugas Henri Auguste (inventor). Issued 12-10-29.

1,738,588. Loud speaker. Levy Lucien (inventor). Issued 12-10-29.

1,738,809. Steam trap. Walter Philippe (inventor). Issued 12-10-29.

1,739,294. Polishing disk. Despret Georges Paul (inventor); Cies Reunies Des Glaces & Verres Speciaux du Nord de la France (grantee). Issued 12-10-29.

1,739,295. Temperature regulation. Diebold Pierre (inventor). Issued 12-10-29.

1,739,374. Apparatus for exercising the fingers. Retif Georges (deceased) (inventor); Gaymy Emile (administrator) (grantee). Issued 12-10-29.

1,739,383. Manufacture of cements. Bauchere Antoine et al, Arnou Gabriel (inventors). Issued 12-10-29.

1,739,396. Carburetor for internal combustion engines. Jensen Leth (inventor). Issued 12-10-29.

1,739,414. Machine for automatically cutting slate into sheets. Parnet Arsene (inventor). Issued 12-10-29.

1,739,437. Distributing device for liquids. Boutillon Henri (inventor). Issued 12-10-29.

1,739,442. Correcting device for cinematographs with continuously moving films. Continsouza Victor et al, Combes Maurice Baptiste (inventors). Issued 12-10-29.

1,739,446. Resinous condensation product and process of preparing same. Durr Andre Henri Victor (inventor); Cie Nationale de Matieres Colorantes et Manufactures de Produits Chimiques du Nord Reunies Etablissements Kuhlmann (grantee). Issued 12-10-29.

1,739,447. Resinous condensation product. Durr Andre Henri Victor (inventor); Cie Nationale de Matieres Colorantes et Manufactures de Produits Chimiques du Nord Reunies Etablissements Kuhlmann (grantee). Issued 12-10-29.

1,739,448. Resinous condensation product. Durr Andre Henri Victor (inventor); Cie Nationale de Matieres Colorantes et Manufactures de Produits Chimiques du Nord Reunies Etablissements Kuhlmann (grantee). Issued 12-10-29.

1,739,563. Carburetor. Thomas Francois Victor Albert (inventor). Issued 12-17-29.

1,739,600. Apparatus for producing variations of pressure. Loth William Arthur (inventor). Issued 12-17-29.

1,739,889. Telephone. Conti James Tiburce Felix (inventor); Laurent Rene Leon Jacques de la Ville Roulx (grantee). Issued 12-17-29.

1,740,076. Electric cable. Delon Jules (inventor); Cie Generale d Electricite (grantee). Issued 12-17-29.

1,740,228. Luminous sign. de Francia Alfredo (inventor). Issued 12-17-29.

1,740,315. Planet gear drive for electro mechanical phonographs. Rebikoff Wassily (inventor); Davydoff Leonide (grantee). Issued 12-17-29.

1,740,325. Hood fastener. Arnouil Roger Jean (inventor). Issued 12-17-29.

1,740,363. Brake operating device. Martzloff Armand (inventor); S A des Automobiles Unic Puteaux (grantee). Issued 12-17-29.

1,740,760. Safety device for avoiding back firing in carburetors. Allenou Charles Marie Victor (inventor). Issued 12-24-29.

1,740,761. Machine for rock or coal cutting. Berry Francois Jacques Barthelemy (inventor). Issued 12-24-29.

1,740,762. Device for determining defects in the static and dynamic balances of rotating bodies. Biquard Robert (inventor). Issued 12-24-29.

1,740,875. Liquid measuring and distributing system. Porte Rene (inventor); Soc Hardoll Etablissements Hariveau and Dolimier et Rene Porte et Cie Reunis (grantee). Issued 12-24-29.

1,740,913. Headlight turning means for vehicles. Adam Auguste Edmond (inventor). Issued 12-24-29.

1,741,084. Rotary engine. Tuscher Jean Edouard (inventor). Issued 12-24-29.

1,741,282. Radio direction finder hertzian compass and the like. Busignies Henri (inventor). Issued 12-31-29.

1,741,290. Apparatus for electrolyzing chiefly alkaline chlorides. Dupire Andre Paul Henri (inventor). Issued 12-31-29.

1,741,469. Electric furnace. Long Bernard (inventor). S A des Manufactures des Glaces & Produits Chimiques de St Gobain Chauny & Cirey (grantees). Issued 12-31-29.

1,741,623. Wire bag making machine. Guyon Yves et al, Marty Rene Henri Charles (inventors). Issued 12-31-29.

1,741,810. Telescopic socket wrench. Bidal Paul (inventor). Issued 12-31-29.

1,741,870. Thermoelectric couple. Mieville Charles (inventor). Issued 12-31-29.

1,742063. Hot water heater and boiler. Digeon Charles (inventor). Issued 12-31-29.

1,742,068. Maritime ram with barometric chamber. Grasset Paul (inventor). Issued 12-31-29.

1,742,095. Centrifugal separator. Perrier Daniel (inventor); S A Francaise Dite Cie Industrielle des Moteurs a Explosions C I M E (grantee). Issued 12-31-29.

1,742,096. Centrifugal separator. Perrier Daniel (inventor); S A Francaise Dite Cie Industrielle des Moteurs a Explosions C I M E (grantee). Issued 12-31-29.

1,742,146. Method for varnishing leather and like material. Paisseau Jean (inventor). Issued 12-31-29.

1,742,330. Safety razor. Valet Georges (inventor). Issued 1-7-30.

1,742,553. Pressure rollers for spinning machines and the like. Motte Joseph (inventor); Etablissements Motte Dewavrin (grantee). Issued 1-7-30.

1,742,604. Apparatus for the spraying of liquids. Lemoine Renee Marie Louise nee Trouillet (inventor). Issued 1-7-30.

1,742,605. Perfume sprayer. Lemoine Renee Marie Louise nee Trouillet (inventor). Issued 1-7-30.

1,742,665. Sustaining propeller of the helicopter type. Oehmichen Etienne (inventor). Issued 1-7-30.

1,742,788. Brake for vehicles. Saives Leon (inventor); Renault Louis (grantee). Issued 1-7-30.

1,742,972. Gasoline tank for motor vehicles. Sawyer Arthur Estcourt (inventor). Issued 1-7-30.

1,743,027. Cinematographic view taking apparatus. Debrie Andre Leon Victor Clement (inventor). Issued 1-7-30.

1,743,264. Finger exerciser. Breza Joseph (inventor). Issued 1-14-30.

1,743,295. Apparatus for reconditioning sporting cartridge cases and the like. Tuffery Jean (inventor). Issued 1-14-30.

1,743,513. Clincher plate for nailing machines. Alibert Emile (inventor); Cie de Machines Automatiques Savingma (grantee). Issued 1-14-30.

1,743,561. Converter. Jakova Merturi Gaspard (inventor); la Carbonisation Soc Generale d Exploitation des Carbones (grantee). Issued 1-14-30.

1,743,562. Transfer device for registering apparatus. Mombur Georges (inventor). Issued 1-14-30.

1,743,595. Illuminated mirror and support therefor. Brot Charles (inventor). Issued 1-14-30.

1,743,722. Method of preparing textile yarn and resulting products. Meyer Aubrey E (inventor). Issued 1-14-30.

1,743,723. Method of preparing textile yarn. Meyer Aubrey E (inventor). Issued 1-14-30.

1,743,876. Valve employed for the operation of pneumatic musical instruments. Boreau Gabriel (inventor). Issued 1-14-30.

1,743,901. Double universal joint. Parville Edmond (inventor). 1-14-30.

1,743,956. Induction furnace. Bunet Paul Emmanuel (inventor); Soc Acieries de Gennevilliers (grantee). Issued 1-14-30.

1,743,966. Regulation in the output of liquids. Goudard Maurice (inventor); S A Solex (grantee). Issued 1-14-30.

1,744,036. Process for radiotelegraphic or radiotelephonic communication. Brard Evenor (inventor); S A des Ondes Dirigees (grantees). Issued 1-21-30.

1,744,176. Combined recording and metering apparatus. Ribieras Louis (inventor). Issued 1-21-30.

1,744,222. Projector. Grebel Stephen (inventor). Issued 1-21-30.

1,744,392. Foldable hoisting apparatus for the loading and unloading of rails on railway trucks. Legrand Jules et al, Guilbert Paul (inventors). Issued 1-21-30.

1,744,416. Miners safety lamp indicating the amount of fire damp in the air. Schauly Georges (inventor). Issued 1-21-30.

1,744,569. Apparatus for the transportation of loads. Bordes Pages Henri Jean (inventor). Issued 1-21-30.

1,744,620. Teledynamic control apparatus. Delalande Andre Desire Georges (inventor); Cie pour la Fabrication des Compteurs et Material d Usines a Gaz, L Action a Distance (grantees). Issued 1-21-30.

1,744,748. Safety device for brakes. Bugatti Ettore (inventor). Issued 1-28-30.
1,744,773. Photographic apparatus. Labrely Emile (inventor). Issued 1-28-30.
1,744,788. Focusing device for view taking cinematographic cameras. Mery Jean (inventor). Issued 1-28-30.
1,744,805. Pump. Saussard Louis (inventor). Issued 1-28-30.
1,744,809. Universal & automatic machine tool. Schwob Marcel et al, Schwob Alexandre (inventors). Issued 1-28-30.
1,744,998. Portable electric motor block with speed reducing device. Wisler Louis Adolphe (inventor). Issued 1-28-30.
1,745,011. Automatic device for storage battery filling. Frejacques Jean Leon Maurice (inventor). Issued 1-28-30.
1,745,229. Liquid measuring pump. Porte Rene (inventor); S A pour tous Appareillages Mecaniques (grantee). Issued 1-28-30.
1,745,394. Advertising apparatus. Zouckermann Armand (inventor). Issued 2-4-30.
1,745,830. Method for ignition on combustion engines. Bethenod Joseph (inventor). Issued 2-4-30.
1,745,896. Measuring distributor for liquids. Gueux Joseph Jean Marie (inventor). Issued 2-4-30.
1,745,957. Carburetor for combustion engines and the like. Seignol Edouard (inventor). Issued 2-4-30.
1,746,082. Running tread. Kegresse Adolphe (inventor). Issued 2-4-30.
1,746,165. Liquid distributor. Porte Rene (inventor); Soc Hardoll L Etablissements Hariveau & Dolimier et Rene Porte & Cie Reunis (grantees). Issued 2-4-30.
1,746,171. Apparatus for revealing shocks in any moving mechanism. Vatinet Henri Victor Eugene et al, Durand Claude (inventors). Issued 2-4-30.
1,746,184. Automatic regulating device. Bernat Raoul (inventor). Issued 2-4-30.
1,746,185. Combined condenser and separator. Bernat Raoul (inventor). Issued 2-4-30.
1,746,584. Apparatus for taking views and for the reproduction of cinematographic films in colors. Fournier Paul (inventor); Soc Francaise Cinechromatique procedes R Berthon (grantees). Issued 2-11-30.
1,746,779. Fastening and tensioning means for removable vehicle roof coverings. Henri Laubourdette Jean (inventor). Issued 2-11-30.
1,746,861. Apparatus for use as shower bath for sprinkling the breasts. Mantelet Alexis (inventor). Issued 2-11-30.
1,746,898. Mechanical motion converter. Levy Lucien (inventor). Issued 2-11-30.
1,747,078. Coachwork of automobile vehicles. Javal Henri Leopold (inventor). Issued 2-11-30.
1,747,080. Apparatus for congelation. Reeh Johannes Emmerick Wolff (inventor); S A de Conservation Industrielle du Poisson (grantee). Issued 2-11-30.
1,747,253. Stuffing box. Leroy Jules (inventor). Issued 2-18-30.
1,747,522. Heating apparatus employing powdered fuel. Marchand Ferdinand (inventor); Soc des Forges and Acieries de Commercy (grantees). Issued 2-18-30.
1,747,538. Industrial process for the treatment of distillers wash and other by products and agricultural or industrial residues. Bernier Marcel et al, Dupriez Andre, Durlez Francois, Schotsmans Henri (inventors). Issued 2-18-30.
1,747,931. Film magazine. Debrie Andre Leon Victor Clement (inventor). Issued 2-18-30.
1,747,932. Vehicle seat. Dufaux Armand (inventor). Issued 2-18-30.
1,747,941. Winding for dynamo electric machines. Langlois Richard (inventor); Forges and Ateliers de Constructions Electriques de Jeumont S A (grantees). Issued 2-18-30.
1,747,943. Life saving method and apparatus for submarine crews. Laurent Ernest Paul (inventor). Issued 2-18-30.
1,747,948. Air compressor. Pescara Raul Pateras (inventor). Issued 2-18-30.
1,748,188. Device for drying strips chiefly cinematographic and photographic films. Philippe Rene Emile (inventor); Debrie Andre Leon Victor Clement (grantee). Issued 2-25-30.
1,748,189. Device for setting to zero for taximeters. Popp Richard (inventor). Issued 2-25-30.
1,748,260. Method of connecting the quads of an interurban cable with the units of loading coils at the loading points. Viard Georges (inventor). Issued 2-25-30.
1,748,274. Autonomous apparatus for neutralizing and bleaching heated oleaginous liquids under vacuum. Bataille Edouard (inventor). Issued 2-25-30.
1,748,305. Carburetor Monier Francis (inventor). Issued 2-25-30.
1,748,832. Method of degumming fibers. Duhamel Elisee Charles (inventor). Issued 2-25-30.
1,749,156. Drawing device for spinning mules spinning frames and preparatory machines. Pflimlin Jules (inventor). Issued 3-4-30.
1,749,253. Pouring spout. Levy Leo (inventor). Issued 3-4-30.
1,749,260. Device for removing solid particles from flue gases. Pretot Marcel et al, Ullmann Francois (inventors). Issued 3-4-30.
1,749,393. Drawing device for spinning frames and for preparing machinery. Pflimlin Jules (inventor). Issued 3-4-30.
1,749,557. Treating residual liquors accruing from the treatment of cellulose material. Barbou Pierre Alfred (inventor); Soc Barbou & Cie (grantee). Issued 3-4-30.
1,749,643. Setting device for time fuses. Methlin Nicolas Emilien (inventor); Schneider & Cie (grantee). Issued 3-4-30.
1,749,685. Process for the generation and synthesis of sounds. Zouckermann Raymond (inventor). Issued 3-4-30.
1,749,700. Apparatus for the continuous treatment of metal bodies. Fourment Marcel (inventor). Issued 3-4-30.
1,749,712. Process for autogenous welding of magnesium and its alloys. Michel Gilbert (inventor); Berg Hart O (grantee). Issued 3-4-30.
1,749,713. Process for the protection of readily oxidizable metals. Michel Gilbert (inventor); Berg Hart O (grantee). Issued 3-4-30.
1,749,823. Glass and method of producing it. Long Bernard (inventor); S A des Manufactures des Glaces & Produits Chimiques de Saint Gobain Chauny & Cirey (grantee). Issued 3-11-30.
1,749,941. Lubricating device. Huguenin Albert (inventor). Issued 3-11-30.
1,750,358. Color photography. Richard Pierre Abel (inventor); La Soc du Film en Couleurs Keller Dorian (grantees). Issued 3-11-30.
1,750,383. Reflector water gauge. Boizard Raoul (inventor). Issued 3-11-30.
1,750,484. Egg cutter. Michelon Pierre et al, Fugier Georges (inventors). Issued 3-11-30.
1,750,700. Alloy. Berthelemy Pierre et al, de Montby Henry (inventors). Issued 3-18-30.
1,750,723. Percussion fuse. Methlin Nicolas Emilien (inventor); Schneider & Cie (grantee). Issued 3-18-30.
1,750,724. Combined automatic breech closing & opening & loading mechanism for automatic guns. Methlin Nicolas Emilien (inventor); Schneider & Cie (grantee). Issued 3-18-30.
1,750,751. Aluminum alloy. Geyer Andre (inventor). Issued 3-18-30.
1,750,904. Brake operating device for motor vehicles. Rouanet Louis (inventor). Cie d Applications Mecaniques (grantee). Issued 3-18-30.
1,751,212. Breast supporter corselet corset & the like. Lindauer Jules (inventor). Issued 3-18-30.
1,751,278. Stabilizing device for ships. Kefeli Michel (inventor). Issued 3-18-30.
1,751,303. Automatic change gear mechanism. Boutet Rene Edmond (inventor). Issued 3-18-30.
1,751,310. Talking machine. De Wrangell Mathieu (inventor). Issued 3-18-30.
1,751,375. Apparatus for measuring pressures. Warluzel Charles (inventor). Issued 3-18-30.
1,751,396. Apparatus for manufacturing zinc white. Corniliat Joseph Marcel Henri (inventor). Issued 3-18-30.
1,751,397. Coffee filter. Delsuc Emile Camille (inventor). Issued 3-18-30.
1,751,399. Gas operated air heating device. Ducart Guillaume (inventor). Issued 3-18-30.
1,751,401. Automatic spacing device for plaiting machines. Ezbelent Georges et al, Ezbelent Roger (inventors). Issued 3-18-30.
1,751,484. Compensated asynchronous electric motor. Letrilliart Pierre (inventor); Forges & Ateliers de Constructions Electriques de Jeumont S A (grantee). Issued 3-25-30.
1,751,529. Time recording apparatus. Delpech Ferdinand Philippe Andre Ernest (inventor). Issued 3-25-30.
1,751,531. Centrifugal diffusing apparatus for spreading products for the maintenance of roadways. Schars Alphonse Joseph (inventor). Issued 3-25-30.
1,751,593. Film holder. Merle Andre Noel (inventor); Pathe Cinema Anciens Etablissements Pathe Freres (grantee). Issued 3-25-30.
1,751,713. Apparatus for melting fatty substances. Pellerin Georges (inventor). Issued 3-25-30.
1,751,929. Flexible wheel. Laroze Jean Joseph Charles (inventor); French Soc la Roue Elastique The (grantee). Issued 3-25-30.
1,752,044. Apparatus for the manufacture of smokeless fuel. Vieu Charles et al, Mourgeon Leon (inventors); Mourgeon Leon, Cie des Mines de Vicoigne Noeux & Drocourt (grantees). Issued 3-25-30.
1,752,187. Apparatus for the production of hydrogen. Lefebvre Fernand Emile (inventor); L Oxhydrique Francaise (grantee). Issued 3-25-30.
1,752,228. Device for producing an electric discharge. Brillouin Leon Nicolas (inventor). Issued 3-25-30.
1,752,240. Shock absorber. De Ram Georges Henri Ernest (inventor). Issued 3-25-30.
1,752,253. Power plant. Goinard Joseph Marie Arsene (inventor). Issued 3-25-30.
1,752,506. Carburation device. Portail Fernand Charles Frederic (inventor); S A le Carbone (grantee). Issued 4-1-30.
1,752,624. Steering mechanism for motor vehicles. Waseige Charles Raymond (inventor); Farman Henri et Maurice (grantee). Issued 4-1-30.
1,752,959. Carburetor for internal combustion engines. Monier Francis (inventor). Issued 4-1-30.
1,753,202. Weighing and recording machine. Goetzmann Jules (inventor). Issued 4-8-30.
1,753,252. Turbine wheel propeller and motor. Strandgren Carl Bruno (inventor). Issued 4-8-30.
1,753,315. Vanity case. Parent Gaston (inventor). Issued 4-8-30.
1,753,574. Aerodrome. Loth William Arthur (inventor); Soc Industrielle des Procedes W A Loth (grantee). Issued 4-8-30.

1,753,610. Means for annulling the effect of stray fields on radio receiving systems. Loth William Arthur (inventor); Soc Industrielle des Procedes W A Loth (grantee). Issued 4–8–30.

1,753,623. Pieces of furniture capable of being superposed. Porche Julien Henri (inventor); Soc des Meubles Superposables Soc A Responsabilite Limitee (grantee). Issued 4–8–30.

1,753,850. Loading device for semiautomatic naval guns. De Courseulles Robert (inventor); Schneider & Cie, Cie des Forges et Acieries de la Marine et D Homecourt (grantees). Issued 4-8-30.

1,754,101. Insulator and mold for casting the same. Haquin Henri Louis Joseph (inventor). Issued 4-8-30.

1,754,481. Process for protecting easily oxidizable metals such as those having a base of magnesium aluminum calcium etc. Michel Gilbert (inventor). Issued 4–15–30.

1,754,569. Traction device for wheels. Passega Carlo (inventor). Issued 4–15–30.

1,754,602. Steam engine particularly applicable to combined internal combustion and steam engines. Brillie Eugene (inventor). Issued 4–15–30.

1,754,950. Process and apparatus for obtaining new radiations. Henocque Victor Albert et al, Schmidt Henri (inventors). Issued 4-15-30.

1,755,349. Lathe mechanism for oval turnings. Casse Marcel (inventor). Issued 4-22-30.

1,755,452. Camera. Motti Cesar (inventor). Issued 4–22–30.

1,755,531. Process for the extraction of the albumino caseins of vegetable origin and for the separation of such albumino caseins from amylaceous matter Beaufour Henri (inventor). Issued 4-22-30.

1,755,746. Pocket lighter. Perrera Altitolo (inventor). Issued 4–22–30.

1,755,804. Speed changing and reducing gear for aeroplane engines. Barbarou Marius Jean Baptiste (inventor). Issued 4–22–30.

1,755,809. Manufacture of tubular cords or braids. Buraux Rene Leon Georges et al, Massu Paul Jean (inventors); Buraux Maurice Ambroise Ernest (grantee). Issusd 4–22–30

1,755,815. Alternating current electric machine. De Pistoye Henri (inventor). Issued 4–22–30.

1,755,839. Process for the manufacture of chenille fringes or other similar ornaments and products. Rodier Paul (inventor); Rodier (grantee). Issued 4–22–30.

1,755,860. Shaping machine. Barba Adrien (inventor); D Halloy Audoin (grantee). Issued 4–22–30.

1,755,953. Manufacture of transparent fused pure silica. George Henri (inventor); Soc Quartz & Silice (grantee). Issued 4–22–30.

1,755,963. Dough molding machine. Male Rene (inventor). Issued 4–22–30.

1,755,988. Carburetor. Goudard Maurice (inventor). Issued 4–22–30.

1,756,354. Internal combustion engine of the two stroke type. Heibig Charles Emile (inventor). Issued 4-29-30.

1,756,457. Manufacture of objects consisting of refractory insulating abrasive or like substances. Fourment Marcel (inventor). Issued 4-29-30.

1,756,575. Method for substituting alkyl groups in the aromatic nucleus. Verley Albert (inventor). Issued 4-29-30.

1,756,638. Mechanism for raising and lowering sliding windows. Etore Edmond (inventor). Issued 4-29-30.

1,756,731. Disk friction clutch. Desroziers Edouard Jean (inventor). Issued 4-29-30.

1,756,808. Vaporizer for heaters. Blaudeau Jean Baptiste, Limousin Jules, Rousseaux Henri, Dumont Andre, et al (inventors). Issued 4-29-30.

1,756,847. Automatic pistol. Bourth Victor (inventor). Issued 4-29-30.

1,756,873. Automatic machine for milling ornamental grooves in buttons and the like. Miche de Malleray Alain Georges Luc Gabriel Marie (inventor). Issued 4-29-30.

1,756,884. Piston for internal combustion engines. Schaeffer Charles (inventor); S. A. des Anciens Etablissements Panhard and Levassor (grantee). Issued 4-29-30.

1,757,003. Automatic coin controlled telephone apparatus. Cambay Charles Amedee (inventor). Issued 5-6-30.

1,757,009. Coupling. Dumond Julien (inventor). Issued 5-6-30.

1,757,039. Control mechanism for air turbines. Constantin Louis (inventor); Fortier Beaulieu Paul (grantee). Issued 5-6-30.

1,757,215. Air compressor. Pescara Raul Pateras (inventor). Issued 5-6-30.

1,757,216. Portable conveyer. Potaufeux Emile (inventor). Issued 5-6-30.

1,757,364. Dialyzing apparatus. Heibig Edouard (inventor). Issued 5-6-30.

1,757,639. Sliding window for vehicles. Kutzner Gustave (inventor). Issued 5-6-30.

1,757,675. Combined projectile and breech block for ordnance. Methlin Nicolas Emilien (inventor); Schneider & Cie (grantee). Issued 5-6-30.

1,757,862. Construction of internal combustion engines. Heinrich Jean Marie (inventor); Soc des Moteurs Salmson Systeme Canton Unne (grantee). Issued 5-6-30.

1,757,900. Device for impressing signaling currents on electrical power distributing lines. Chiro Maurice (inventor); Cie Pour la Labrication des Compteurs et Materiel d'Usines a Gaz (grantee). Issued 5-6-30.

1,758,120. Luminous and animated advertising device. Libeck Auguste (inventor). Issued 5-13-30.

1,758,137. Apparatus for printing reticulated films. Berthon Rodolphe (inventor); Soc Francaise Cinechromatique Procedes R Berthon (grantee). Issued 5-13-30.

1,758,168. Distributing apparatus for cigarettes and other articles. Olivaux Francis (inventor). Issued 5-13-30.

1,758,180. Demountable rotary crusher. Stein Charles M (inventor); S A la Combustion Rationnele (grantee). Issued 5-13-30.

1,758,304. Smokeless heat economizing apparatus for furnaces of all kinds. Winkler Auguste (inventor). Issued 5-13-30.

1,758,561. Headlight for motor or like vehicles. Delaux Paul (inventor); Societe des Phares et Equipments Electriques (grantee). Issued 5-13-30.

1,758,592. Auxiliary piloting device chiefly for aircraft. Bernady Raoul (inventor); Soc d Etudes et de Construction d Appareils de Telemecanique (grantee). Issued 5-13-30.

1,758,691. Hermetic slip type closure for metallic boxes. Dolliens Gaston (inventor); Etablissements Ch Pieron & A Poyet (grantee). Issued 5-13-30.

1,758,736. Spring suspension for cycle and motor cycle saddles. Couratin Julien (inventor). Issued 5-13-30.

1,758,776. Synchronizing device for musical instruments or other apparatus. Aubry Emile, Boreau Gabriel, et al (inventor). Issued 5-13-30.

1,758,778. Kiln for the manufacture of fused cement. Bauchere Antoine, Arnou Gabriel, et al (inventors). Issued 5-13-30.

1,758,783. Transportable apparatus for projecting moving pictures. Debrie Andre Leon Victor Clement (inventor). Issued 5-13-30.

1,758,796. Process for producing liquid fuels. Joseph Alfred (inventor); Soc Internationale des Procedes Prudhomme Houdry (grantee). Issued 5-13-30.

1,758,806. Steering of endless track vehicles. Saives Leon (inventor); S A des Usines Renault (grantee). Issued 5-13-30.

1,758,823. Ingot mold. Blage Marcel (inventor). Issued 5-13-30.

1,758,931. Hinge for jewelry. Candas Gaston (inventor). Issued 5-20-30.

1,759,107. Hot water feeding for boilers. Fiedler Sebastien Otto Alfred (inventor); l'Auxiliaire des Chemins de Fer et de l'Industrie (grantee). Issued 5-20-30.

1,759,279. Material for the low temperature soldering of metals. Rognon Jules Alfred (inventor). Issued 5-20-30.

1,759,318. Device for the distant transmission of orders. Mercier Rene (inventor); Etablissements Aera (grantee). Issued 5-20-30.

1,759,373. Arc welding. Sarazin Robert (inventor). Issued 5-20-30.

1,759,665. Automatic clutch and change speed mechanism. Servon Jean Leon (inventor); Embrayage Automatique Bloch Servon Soc A Responsabilite Lte (grantee). Issued 5-20-30.

1,759,666. Carburetor. Seignol Edouard (inventor). Issued 5-20-30.

1,759,700. Product for tanning and tawing industries and process for its manufacture. Kahn Maurice, Le Breton Eliane, Schaeffer Georges, et al (inventors). Issued 5-20-30.

1,759,728. Molding machine. Bachon Roger (inventor); S A des Usines de Rosieres (grantee). Issued 5-20-30.

1,759,732. Cooking pot of the self closing type for the cooking of food and for other uses. Charlot Moise Ali (inventor). Issued 5-20-30.

1,759,748. Means for the cooling of compressors of the piston type. Huguenin Albert (inventor). Issued 5-20-30.

1,759,752. Process for the manufacture of vegetable wool. Lambrecth Jean Jules (inventor. Issued 5-20-30.

1,759,931. Ever pointed pencil. Barberon Pierre (inventor). Issued 5-27-30.

1,760,058. Tar separating apparatus. Hennebutte Henri, et al, Goutal Edouard (inventors); S A La Carbonite (grantee). Issued 5-27-30.

1,760,470. Fire alarm signal. Bouillon Emile Celestin Jean (inventor); Soc Bouillon Freres (grantee). Issued 5-27-30.

1,760,522. Process and apparatus for purifying cases. Prudhomme Eugene Albert (inventor); Soc Internationale Des Procedes, Prudhomme S I P P (grantees). Issued 5-27-30.

1,760,741. Magnetic core induction furnace. Bunet Paul Emmanuel (inventor), Soc Acieries de Gennevilliers (grantee). Issued 5-27-30.

1,760,771. Process for purifying pearl essence. Paisseau Jean (inventor). Issued 5-27-30.

1,760,866. Method and apparatus for transmitting documents electrically. Belin Edouard (inventor). Issued 6-3-30.

1,760,948. Weaving loom. Lecocq Maurice Charles Henri Octave (inventor). Issued 6-3-30.

1,761,007. Carburetor for internal combustion engines. Claudel Charles Henri (inventor). Issued 6-3-30.

1,761,108. Method for the manufacture of cellular building materials. Desmarquest Louis (inventor). Issued 6-3-30.

1,761,362. Process for the preparation of gelatin. Pansky Adolphe (inventor). Issued 6-3-30.

1,761,768. Apparatus for cutting threads applicable to all horizontal lathes. Auguste Leon et al, Des Moutis Robert (inventors). Issued 6-3-30.

1,761,799. Apparatus for mixing gaseous fluids. Prache Charles (inventor). Issued 6-3-30.

1,761,812. Machine for washing drying and sterilization dishes. Breton Jules Louis (inventor). 6-3-30.

1,761,870. Shock absorber. Causan Nemorin Laurent (inventor). Issued 6-3-30.

1,761,997. Pneumatic suspension wheel. Tesse Felix (inventor). Issued 6-3-30.

1,762,080. Speed changing mechanism. Schaeffer Charles (inventor); S A Des Anciens Etablissements, Panhard & Levassor (grantees). Issued 6-3-30.

1,762,142. Vacuum cleaning machine. Breton Paul (inventor). Issued 6-10-30.

1,762,301. Ticket canceling machine. Klein Georges et al, Massot Pierre (inventors). Issued 6-10-30.

1,762,393. Weaving loom especially for heavy webs such as metallic wire webbing. Hein Bernhard (inventor); Le Treillage Ceramique Francais (grantee). Issued 6-10-30.

1,762,639. Implement for measuring the hardness of metals. Roudie Pierre Paul (inventor). Issued 6-10-30.

1,762,891. Method of mounting single and double row bal bearings. Rouanet Louis (inventor); Cie D Applications Mecaniques (grantee). Issued 6-10-30.

1,763,061. Carburetor for internal combustion engines. Monier Francis (inventor). Issued 6-10-30.

1,763,189. Distributing pump for lubricants and other viscous substances in variable and determined quantities. Muller Jacques (inventor). Issued 6-10-30.

1,763,229. Apparatus for the treatment of gases at high temperatures. Fourment Marcel (inventor). Issued 6-10-30.

1,763,286. Damping or absorbing device for firearms for the prevention of sounds flames and recoil. Wilman Zygmunt (inventor). Issued 6-10-30.

1,763,287. Damping apparatus for the prevention of noise flames and recoil in firearms of the automatic type. Wilman Zygmunt (inventor). Issued 6-10-30.

1,763,405. Brake control system for the wheels of airplanes. Messier Georges Louis Rene Jean (inventor). Issued 6-10-30.

1,763,502. Extra rapid circuit breaker. Branchu Paul Joseph (inventor). Issued 6-10-30.

1,763,530. Railroad signal lock. Latty Xavier (inventor). Issued 6-10-30.

1,763,580. Wheel for vehicles. Gauthier Andre (inventor). Issued 6-10-30.

1,763,926. Cushioning means for the fallers of gill boxes and intersecting frames. Gegauff Charles (inventor). Issued 6-17-30.

1,764,054. Automatically variable speed fan for motor cars. Sautai Pierre Edouard Marie Joseph (inventor). Issued 6-17-30.

1,764,233. String from animal origin and process for manufacturing the same. Varinois Marcel (inventor); S A Des Laboratories, Robert & Carriere (grantees). Issued 6-17-30.

1,764,247. Machine for turning down and folding the ends of box covers. Ducart Guillaume (inventor). Issued 6-17-30.

1,764,567. Filter for liquids under pressure. Javitch Gregori (inventor). Issued 6-17-30.

1,764,867. Static transmitter for polyphase distant control systems. Granat Elie (inventor); Cie Des Forges et Acieries de la Marine et D Homecourt (grantees). Issued 6-17-30.

1,765,017. Drill projectile for bombarding planes. Marie Felix (inventor); Etat Francais Ministere de l'Air (grantee). Issued 6-17-30.

1,765,133. Gear box. Delevoye Robert Emile Charles (inventor); S A Des Ancienes Etablissements, Hotchkiss & Cie (grantees). Issued 6-17-30.

1,765,175. Carburetor. Pepinster Ernest Louis Henri et al, Geneve Frederic (inventors). Issued 6-17-30.

1,765,203. Machine tool. Bussy Alfred (inventor); Cie Francaise Des Machines outils de Precision (grantee). Issued 6-17-30.

1,765,215. Publicity apparatus. Duchard Henri Maurice (inventor). Issued 6-17-30.

1,765,246. Circular weaving loom. Sery Claude (inventor); Soc Responsabilite Limitee Etablissements Rotatiss (grantee). Issued 6-17-30.

1,765,247. Electric meat and like roaster. Seegmuller Jules, Masson Pierre (inventors). Issued 6-17-30.

1,765,278. Mechanical device for the supply of explosible gas to internal combustion engines. Lavergne Jean (inventor); Forest Rene (grantee). Issued 6-17-30.

1,765,296. Boring machine. Berry Francois Jacques Barthelemy (inventor). Issued 6-17-30.

1,765,560. Process for the recovery of sodium sulphite from spent sulphite liquors. Barbou Pierre Alfred (inventor); Soc Barbou and Cie (grantee). Issued 6-24-30.

1,765,902. Apparatus for freeing potatoes from germs. Brochet Fernand (inventor). Issued 6-24-30.

1,765,904. Apparatus adapted for continuous film travel for view taking printing and projection of cinematographic films. Chavaroux Pierre (inventor). Issued 6-24-30.

1,765,924. Flying apparatus. Laurent Emile Marius (inventor). Issued 6-24-30.

1,766,292. Automatic switch. Granat Elie (inventor); Cie Des Forges Et Acieries De La Marine Et D Homecourt (grantees). Issued 6-24-30.

1,766,309. Brake operating device for motor vehicles. Rouanet Louis (inventor); Cie D Applications Mecaniques (grantees). Issued 6-24-30.

1,766,359. Brake operating device for steering wheels. Rouanet Louis (inventor); Cie D Applications Mechaniques (grantee). Issued 6-24-30.

1,766,376. Method for attaching on fuselages wings having single spars. Dewoitine Emile Julien Eugene (inventor). Issued 6-24-30.

1,766,418. Electric cell. Weissmann Gustave (inventor). Issued 6-24-30.

1,766,431. Piston for engines and process for the manufacture of these pistons. De Fleury Raymond (inventor). Issued 6-24-30.

1,766,682. Safety device for air compressors. Pescara Raul Pateras (inventor). Issued 6-24-30.

1,766,775. Differential recording dilatometer. Chevenard Pierre (inventor); S A De Commentry Fourchambault and Decazeville (grantees). Issued 6-24-30.

1,766,783. Franking machine. Grandjean Gabriel (inventor). Issued 6-24-30.

1,766,808. System of remote control for electric motors. Altmayer Jean surnamed Altmayer Delaruelle (inventors). Issued 6-24-30.

1,766,885. Televesion system. Dauvillier Alexandre (inventor). Issued 6-24-30.

1,766,912. Automatic fire extinguisher. Laengel Henri Charles (inventor). Issued 6-24-30.

1,767,352. Crank shaft. Damblanc Louis (inventor.) Issued 6-24-30.

1,767,353. Separating disintegrating and mixing apparatus. De Dorlodot Eugene (inventor). Issued 6-24-30.

1,767,361. Railway carriage. Hautot Maurice (inventor); Cie Internationale Des Wagons Lits, Et Des Grands Express Europeens (grantees). Issued 6-24-30.

1,767,391. Disconnecting coupling for pipes and the like. Muller Jacques (inventor). Issued 6-24-30.

1,767,394. Apparatus for the manufacture of hollow bodies. Portevin Albert (inventor); Soc D Expansion Technique (grantee). Issued 6-24-30.

1,767,428. Fire extinguisher. Brillou Louis (inventor). Issued 6-24-30.

1,767,648. Gear mechanism for driving train-lighting generators. Bethenod Joseph Frederic et al, Julien, Jonet Achille (inventors). Issued 6-24-30.

1,767,780. Process for the manufacture of ammonia. Urfer Charles (inventor); Soc D Etudes Minieres et Industrielles (grantees). Issued 6-24-30.

1,767,794. Heat exchanger. Heizmann Jules (inventor). Issued 6-24-30.

1,768,031. Automatic recording liquid meter. Carbonaro Marius (inventor); Soc Hardoil Anciens Etablissements Hariveau and Dollivier et Rene Porte and Cie Reunis (grantees). Issued 6-24-30.

1,768,051. Carburetor. Goudard Maurice (inventor). Issued 6-24-30.

1,768,102. Pump. Bellem Louis Henri Libert (inventor). Issued 6-24-30.

1,768,111. Luminous project apparatus. Branger Maurice Louis (inventor). Issued 6-24-30.

1,768,119. Electric drilling apparatus. Contal Camille et al, Krettly Pierre (inventors). Issued 6-24-30.

1,769,274. Liquid measuring device. Porte Rene (inventor); S A Pour Tous Appareillages Mecaniques (grantee). Issued 7-1-30.

1,769,336. Liquid elevator. Detaint Edmond et al, Sourbe Alfred (inventors). Issued 7-1-30.

1,769,422. Electrical measuring apparatus. Dugit Pierre Maurice Francois et al, Foulhouze Amable Pierre, Jean Marie (grantees). Issued 7-1-30.

1,769,491. Drying or carbonizing machine. Crossman Francis Maxime (inventor). Issued 7-1-30.

1,769,736. Ballbearing for shafts. Fieux Jean (inventor); Schneider and Cie (grantee). Issued 7-1-30.

1,769,743. Auxiliary condenser for two stage air ejectors. Leblanc Charles Leonard Armand Maurice (inventor); S A Pour L Exploitation Des Procedes, Maurice Leblancvickers (grantees). Issued 7-1-30.

1,769,768. Sensitive weighing and counting apparatus. Causse Fernand Pascal (inventor); S A Le Carbone (grantee). Issued 7-1-30.

1,769,796. Floor polishing and waxing device. Lepage Lucien (inventor). Issued 7-1-30.

1,769,925. Carbureting apparatus. Kolko Aron (inventor). Issued 7-8-30.

1,770,316. Device for the travel of endless bands. Lebocey Gaston (inventor). Issued 7-8-30.

1,770,321. Chair. Mougeotte Auguste Angele Gaston (inventor). Issued 7-8-30.

1,770,462. Watch fastening device. Comtreau Pierre Leon (inventor). Issued 7-15-30.

1,770,474. Distribution conduit for lubrication systems. Koehler Marcel (inventor); S A Graissage Alcyl (grantee). Issued 7-15-30.

1,770,590. Plaiting machine. Ezbelent Eugene Louis (inventor). Issued 7-15-30.

1,770,659. Cinematographic apparatus. Oehmichen Etienne inventor). Issued 7-15-30.

1,770,663. Thermal and electrical insulator and process of manufacture thereof. Samuel Andre Albert (inventor). Issued 7-15-30.

1,770,729. Treatment of artificial silk. Borzykowski Benno (inventor). Issued 7-15-30.

1,770,986. Aspirator ventilator apparatus. Liagre Georges (inventor). Issued 7-22-30.

1,771,182. Plugging tool. Lentulo Henri (inventor). Issued 7-22-30.

1,771,283. Arc lamp. Benard Henri Luglien Marie Joseph (inventor); Anciens Etablissements Barbier Benard et Turenne S A (grantee). Issued 7-22-30.

1,771,311. High speed reciprocating mechanism. Phliponeau Edmund (inventor); S A Des Anciens Etablissements, Hitchkiss & Cie (grantees). Issued 7-22-30.

1,771,333. Crane for installation on motor vehicles. Joret Gustave (inventor). Issued 7-22-30.

1,771,360. Electromagnetic apparatus for the transmission of images. Thurm Leon (inventor). Issued 7-22-30.

1,771,546. Sewing machine. Morel Felix (inventor); Anciens Etablissements R Cornely & Cie S A (grantee). Issued 7-29-30.
1,771,547. Sewing machine. Morel Felix (inventor); Anciens Etablissements R Cornely & Cie S A (grantee). Issued 7-29-30.
1,771,773. Unoxidizable alloy. Contal Camille (inventor). Issued 7-29-30.
1,771,828. Rapidly destarching fibers or fabrics. Tomann Honore (inventor). Issued 7-29-30.
1,772,066. Control device for machine guns. Beaujard Louis (inventor). Issued 8-5-30.
1,772,160. Feeding device for internal combustion engines. Seignol Edouard (inventor). Issued 8-5-30.
1,772,202. Process for the extraction of krypton and xenon from oxygen. Blaringhem Auguste Jules Adrien (inventor); S A D Eclairage et D Applications Electriques (grantees). Issued 8-5-30.
1,772,214. Sewerage system. Gandillon Henri (inventor). Issued 8-5-30.
1,772,218. Method for the manufacture of sea caoutchouc. Houques Fourcade Charles Albert (inventor). Issued 8-5-30.
1,772,233. Protecting apparatus for drivers of motor or other vehicles. Vivier Maurice Jules Ernest (inventor). Issued 8-5-30.
1,772,237. Air heater for carburetors. Barbarou Marius Jean Baptiste (inventor). Issued 8-5-30.
1,772,327. Voltage and current regulator for alternating current circuits. Soulier Alfred (inventor). Issued 8-5-30.
1,772,384. Safety heating device. Birkigt Marc (inventor). Issued 8-5-30.
1,772,615. Pressure roller for spinning machines and the like. Motte Joseph (inventor); Soc Etablissements Motte Dewavrin (grantee). Issued 8-12-30.
1,772,676. Nut lock device. Monnier Nicolas (inventor). Issued 8-12-30.
1,772,680. Arrangement for increasing the efficiency of lifting traction and propulsion means. Peter Edouard Joseph (inventor). Issued 8-12-30.
1,772,860. Washing machine. Diebold Pierre (inventor). Issued 8-12-30.
1,773,170. Resilient bench. Compin Octave Charles (inventor); S A des Brevets Compin (assignee). Issued 8-19-30.
1,773,443. Manufacture of silencers or exhaust tanks for machine guns and other automatic arms. Wilman Zygmunt (inventor). Issued 8-19-30.
1,773,534. Flexible track belt. Kegresse Adolphe (inventor). Issued 8-19-30.
1,773,649. Electromagnetic relay for controlling electric circuits. Tchoubritch Michel (inventor); S A Francaise Dite Soc Nouvelle de Constructions Telephoniques Brevets Tchoubritch Derval (grantee). Issued 8-19-30.
1,773,658. Building material and its applications. Atthenont Leon (inventor). Issued 8-19-30.
1,773,770. Pocket device for nail care. Adam Auguste Edmont (inventor). Issued 8-26-30.
1,773,794. Steering device for motor vehicles. Schneider Hans (inventor). Issued 8-26-30.
1,774,127. Liquid level indicator for vehicles. Bussiere Francois Marcel (inventor). Issued 8-26-30.
1,774,414. Aeroplane. Bleriot Louis (inventor). Issued 8-26-30.
1,774,428. Dyeing process. Escaich Auguste et al, Worms Jean Paul (inventors). Issued 8-26-30.
1,774,445. Carbuertor for internal combustion engines. Lioud Frank (inventor). 8-26-30.
1,774,487. Process of & self regulating plant for the mechanical preparation of pulverized solid fuels & like materials. Loy George Sylvin (inventor). Issued 8-26-30.
1,774,644. Sifting machine. Gesnel Charles Alfred (inventor). Issued 9-2-30.
1,774,667. Extensible metal stopper. Rebichon Andre (inventor). Issued 9-2-30.
1,774,720. Apparatus for radio telegraphy or telephony. Mieville Charles (inventor); Etablissements Herbelot and Vorms S A (grantee). Issued 9-2-30.
1,774,843. Transmission mechanism. Petit Raymond (inventor); S A Francaise Dite Bricard, Ancienne Maison Sterlin (grantees). Issued 9-2-30.
1,774,847. Winding and unwinding device for the handling of very long films. Rouiller Albert (inventor). Issued 9-2-30.
1,774,933. Circuit protecting device. Loubet Henri Rene (inventor); Cie Pour la Fabrication des Compteurs et Materiel d Usines a gaz (grantee). Issued 9-2-30.
1,774,970. Binding terminal with connecting pieces. Guillard Albert Paul Gabriel (inventor); S A du Materiel Simplic (grantee). Issued 9-2-30.
1,775,104. Wind direction signaling device for aircraft landing fields. James Paul Nicholas Claude (inventor). Issued 9-9-30.
1,775,366. Composition for the purification of gases. Joseph Alfred (inventor); Cie Internationale Pour la Fabrication des Essences et Petroles (grantees). Issued 9-9-30.
1,775,368. Apparatus for distant indication. Methlin Nicolas Emilien (inventor); Schneider & Cie (grantee). Issued 9-9-30.
1,775,451. Hydraulic ram. Faure Emil (inventor). Issued 9-9-30.
1,775,475. Chocolate coating apparatus. Savy Emile Louis Alfred (inventor). Issued 9-9-30.
1,775,583. Landing device for aircraft. Boucher Max et al, Bernady Raoul C (inventors); soc d Etude et de Construction d Appareils de Telemecanique (grantee). Issued 9-9-30.
1,775,593. Turbine wheel propeller or motor. Kahn Louis Lazare (inventor). Issued 9-9-30.
1,775,675. Automatic train signaling device for level crossings. Gherassimoff Nicolas (inventor); Soc d Avertisseur Ferrovoie (grantee). Issued 9-16-30.
1,775,783. Single screw rapid helicopter. Perrin Edouard Alfred (inventor). Issued 9-16-30.
1,775,875. Signaling apparatus at crossings. Ternon Tranquille et al, Gallien Eugene (inventors). Issued 9-16-30.
1,775,891. Gaseous fuel mixing device. Defrance Abel et al, Pestel Eugene, Pestel Maurice (inventors). Issued 9-16-30.
1,775,926. Aircraft engine. Barbarou Marius Jean Baptiste (inventor). Issued 9-16-30.
1,776,040. Apparatus for the enlargement and the screen projection of photographic views. Oehmichen Etienne (inventor). Issued -16-30.
1,776,041. Machine for the reproduction of sculpture. Quattrocchi Edmondo (inventor). Issued 9-16-30.
1,776,059. Apparatus for twisting textile fibers. Baudonnel Victor et al, Berthier Jules (inventors). Issued 9-16-30.
1,776,098. Sheath crayon holder. Barbas aymond (inventor). Issued 9-16-30.
1,776,304. Electric cooking device. Vannier Rene (inventor); S A Les Constructeurs Associes de Paris (grantees). Issued 9-23-30.
1,776,317. Storage battery traction. Huguenin Albert (inventor). Issued 9-23-30.
1,776,335. Tool holder. Rauzieres Pierre Elie Francois (inventor). Issued 9-23-30.
1,776,349. Surface condenser. Delas Albert (inventor). Issued 9-23-30.
1,776,424. Spark plug. Eyquem Maurice (inventor). Issued 9-23-30.
1,776,488. Hydraulic braking apparatus. Charles Maurice (inventor). Issued 9-23-30.
1,776,562. Glass. Long Bernard (inventor); S A Des Manufactures Des Glaces et Produits Chimiques de Saint Gobain Chauny et Cirey (grantees). Issued 9-23-30.
1,776,574. Apparatus and process for flattening glass. Arrault Jules et al, Deschamps Lucien (inventors); S A Des Manufactures Des Glaces and Produits Chimiques de Saint Gobain Chauny and Cirey (grantee). Issued 9-23-30.
1,776,686. Molding sand. Mathieu Leon Louis (inventor); S A Des Hautsfourneaux et Fonderies de Pont a Mousson Pont a Mousson (grantees). Issued 9-23-30.
1,776,819. Process for increasing the output in the extraction of crystallized sugar from molasses and sirups. Ricard Eloi (inventor); S A Des Distilleries Des Deux Sevres (grantees). Issued 9-30-30.
1,777,044. Preservation of grain and the like. Legendre Rene Andre (inventor). Issued 9-30-30.
1,777,[illegible]02. Electric cell. Helbronner Andre et al, Dutt Eric (inventors). Issued 9-30-30.
1,777,2[illegible]. Process for hot stamping articles of fused silica. La Burthe Pierre et al, Delpech Gaston (inventors); Soc Quartz & Silice (grantee). Issued 9-30-30.
1,777,221. Gas burner for singeing any kind of spun petitalot. Louis Gilbert (inventor). Issued 9-30-30.
1,777,229. Carburetor. Schneebeli Hugo (inventor). Issued 9-30-30.
1,777,252. Blocks of imbricated sheets. Braunstein Roger (inventor); S A Des Anciens Etablissements Braunstein Feres (grantees). Issued 9-30-30.
1,777,257. Arrangement for holding object glasses in photographic or cinematographic apparatus. Debrie Andre Leon Victor Clement (inventor). Issued 9-30-30.
1,777,308. Reflecting element for oscillographs. Holweck Fernand (inventor); Les Etablissements Edouard Belin (grantee). Issued 10-7-30.
1,777,347. Shock absorbing hub. Breguet Louis (inventor); S A Des Ateliers D Aviation Louis Breguet (grantees). Issued 10-7-30.
1,777,498. Antiglare system. Larquemin Adolphe (inventor). Issued 10-7-30.
1,777,554. Process and apparatus for improving explosive mixtures for internal combustion engines and other purposes. Ducloux Albert (inventor). Issued 10-7-30.
1,777,679. Articulation for link jewels. Rigollet Louis et al, Zoppini Serafino (inventors); Rigollet Louis (grantee). 10-7-30.
1,777,908. Fertilizer with a base of phosphate and sulphur. Bodrero Baptistin (inventor. Issued 10-7-30.
1,777,947. Process and apparatus for rejuvenating perforated accounting machine cards. Valtat Raymond, Louis Andre (inventors). Issued 10-7-30.
1,777,954. Reproduction of reticulated films. Berthon Rodolphe (inventor); Soc Francaise Cinechromatique, Procedes R Berthon (grantees). Issued 10-7-30.
1,777,968. Paper feed driving gear for stenographic machines. Grandjean Marc (inventor). Issued 10-7-30.
1,777,973. Drive for talking machines. Jaffard Louis Laurent Charles (inventor). Issued 10-7-30.
1,777,976. Ball throwing device. Lacoste Jean Rene (inventor). Issued 10-7-30.
1,777,977. Joint for pipes and tubes. Lente Jacques (inventor); S A D Escaut & Meuse (grantee). Issued 10-7-30.
1,778,211. Phonograph pick up apparatus. Dieux Jean (inventor). Issued 10-14-30.
1,778,368. Nut lock device. Monnier Nicolas (inventor). Issued 10-14-30.
1,778,415. Furnace for roasting sulphide and other ores. Bracq Emile (inventor). Issued 10-14-30.
1,778,504. Universal clamping screw collar. Malleville Jean Paul Marie (inventor). Issued 10-14-30.

1,778,596. Concentrating and homogenizing apparatus. Heibig Edouard (inventor); Philippe Filtres (grantee). Issued 10-14-30.

1,778,659. Process for the treatment of dolomite and other carbonates of magnesium. Blumenfeld Joseph (inventor); Soc de Produits Chimiques des Terres Rares (grantee). Issued 10-14-30.

1,778,793. Electric generating plant operated by windmill power. Constantin Louis (inventor); Fortierbeaulieu Paul (grantee). Issued 10-21-30.

1,778,794. Windmill regulator. Constantin Louis (inventor); Fortierbeaulieu Paul (grantee). Issued 10-21-30.

1,779,052. Electric amusement device. Souplis Henri (inventor). Issued 10-21-30.

1,779,176. Ultra violet transmitting glass and process of making the same. Long Bernard (inventor); S A Des Manufactures Des Glaces and Produits Chimiques de Saint Gobain (grantee). Issued 10-21-30.

1,779,242. Process of impregnating carbon electrodes. Laubi Otto Alfred (inventor); Bozel Maletra Soc Industrielle de Produits Chimiques (grantee). 10-21-30.

1,779,286. Insulating separator for accumulator plates. Pautou Paul (inventor); S A Des Accumulateurs Monoplaque (grantee). Issued 10-21-30.

1,779,292. Thermionic tube amplifier. Rio Andre et al, Levy Lucien (inventors). Issuec 10-21-30.

1,779,744. Metallurgical fuel and process for making the same. Jakova Merturi Gaspard (inventor); Soc la Carbonisation Soc Generale D Exploitation Des Carbones (grantee). Issued 10-28-30.

1,779,786. Safety tank. Unzue Martin de Alzaga (inventor). Issued 10-28-30.

1,779,803. Carburetor for internal combustion engines. Drogo Aurelien (inventor). Issued 10-28-30.

1,779,828. Method for transforming and distilling hydrocarbons. Seigle Adolphe Antoine Francois Marius (inventor). Issued 10-28-30.

1,779,829. Method for treating heavy hydrocarbon oils. Seigle Adolphe Antoine Francois Marius (inventor). Issued 10-28-30.

1,779,888. Automatic electric circuit breaker. Pecheur Henri (inventor). Issued 10-28-30.

1,779,898. Radiator system for airships. Breguet Louis (inventor); S A des Ateliers D Aviation Louis Berguet (grantee). Issued 10-28-30.

1,780,127. Apparatus for delivering measured quantities of liquids. Gueux Joseph Jean Marie (inventor). Issued 10-28-30.

1,780,154. Manufacture of high purity carbon. Gardner Daniel (inventor). Issued 11-4-30.

1,780,159. Apparatus for the hot purification of gases. Joseph Alfred (inventor); Cie Internationale Pour la Fabrication des Essences et Petroles (grantee). Issued 11-4-30.

1,780,378. Electric pick-up for gramophone or other sound records. Dieux Jean (inventor). Issued 11-4-30.

1,780,531. Pneumatic suspension for airplanes. Messier George Louis Rene Jean (inventor). Issued 11-4-30.

1,780,536. Process and apparatus for treating hydrocarbons. Prudhomme Eugene Albert (inventor); Soc International des Procedes, Prudhomme S I P P (grantee). Issued 11-4-30.

1,780,572. Optical device for radio cinematographic transmitters and receivers. Thurm Leon (inventor). Issued 11-4-30.

1,780,628. Dyeing machine. Nabholz Hans (inventor). Issued 11-4-30.

1,780,817. Motor driven shears. Dubois Charles (inventor); Soc Industrielle de Materiel D Enterprise et de Construction (grantee). Issued 11-4-30.

1,780,870. Device for treating rough tubes and analogous articles with lead. De Dudzeele Gaston (inventor). Issued 11-4-30.

1,781,002. Method and apparatus for use in testing materials. Esnault Pelterie Robert (inventor). Issued 11-11-30.

1,781,311. Device for automatic adjustment of light projectors. Adam Auguste Edmond (inventor). Issued 11-11-30.

1,781,327. Carburetor for internal combustion engines supplied with heavy oil. Goinard Joseph Marie Arsene (inventor). Issued 11-11-30.

1,781,380. Vehicle body. Garfield Ellery Irving (inventor). Issued 11-11-30.

1,781,513. Electrical tuning fork. Holweck Fernand (inventor); Etablissements Edouard Belin (grantee). Issued 11-11-30.

1,781,556. Percussion fuse for artillery and aircraft projectiles. Remondy Leon Emile (inventor). Issued 11-11-30.

1,781,575. Weighing apparatus. Gandriaut Lucien (inventor). Issued 11-11-30.

1,781,576. Carburetor. Goudard Maurice (inventor); S A Solex (grantee). Issued 11-11-30.

1,781,580. Tailoring. Heliot Maurice (inventor). Issued 11-11-30.

1,781,595. Powder supplying device with adjustable feed. Mutti Louis (inventor). Issued 11-11-30.

1,781,604. Lubricating gun. Seguin Julien Eugene Marius (inventor). Issued 11-11-30.

1,781,609. Automatic telephone system. Tchoubritch Michel (inventor). Issued 11-11-30.

1,781,630. Temperature responsive device. Cheneau Louis Joseph Jean Baptiste (inventor). Issued 11-11-30.

1,781,944. Device for recording documents transmitted by radio. Belin Edouard (inventor). Issued 11-18-30.

1,782,073. Pump outflow regulating device. Piquerez Emile (inventor); S A des Etablissements Tecalemit (grantee). Issued 11-18-30.

1,782,260. Removable radiating device for the cooling of spark plugs. Franquet Jean et al, Dziacos Nicolas (inventors). Issued 11-18-30.

1,782,286. Plate spring. Burnand Ernest (inventor). Issued 11-18-30.

1,782,294. Method and apparatus for torpedo firing operations. Florisson Charles Louis (inventor); Soc de Condensation et D Applications Mecaniques (grantee). Issued 11-18-30.

1,782,314. Rotary pump of the oscillating blade type. Poirmeur Louis Ildevert (inventor). Issued 11-18-30.

1,782,321. Reaping machine. Serre Eugene Edmond Charles (inventor). Issued 11-18-30.

1,782,400. Wheel lifting device. Bolard Alfred Jean Gustave (inventor); Rusbol Soc a Responsabilite Ltee (grantee). Issued 11-25-30.

1,782,603. Diffusion plant. Camuset Charles (inventor). Issued 11-25-30.

1,782,616. Electrolytic apparatus for refining aluminum and for like processes. Hulin Paul Leon (inventor); S A Cie de Produits Chimiques et Electrometallurgiques Alais Froges et Camarque (grantee). Issued 11-25-30.

1,782,838. Apparatus for signaling condition of fluid in conduits. Brillie Eugene (inventor). Issued 11-25-30.

1,782,913. Fold collar. Thompson Robert J. (inventor). Issued 11-25-30.

1,782,940. Apparatus for igniting internal combustion engines. Saives Leon (inventor); Renault Louis (grantee). Issued 11-25-30.

1,782,967. Silk twisting mill and like machine. Junillon Louis Casimir et al, Gillot Henri Francois (inventors). Issued 11-25-30.

1,782,974. Apparatus for recovering fats from emulsions containing solid particles. Rozieres Jean Alfred Louis (inventor); Soc Francaise de Centrifugation (grantee). Issued 11-25-30.

1,783,135. Carbon for electrotechnical uses and process of manufacture thereof. Oswald Marcel (inventor); Cie Lorraine de Charbons Pour L Electricite (grantee). Issued 11-25-30.

1,783,464. Refrigerating machine. Follain Raoul Ferdinand (inventor); S A Pour L Exploitation de Procedes, Maurice Leblanc Vickers (grantees). Issued 12-2-30.

1,783,486. Pump. Volet Rene Alfred Laurent (inventor). Issued 12-2-30.

1,783,493. Method of washing yarn or threads wound upon spools. Borzykowski Benno (inventor). Issued 12-2-30.

1,783,534. Machine for opening tins of canned goods. Darque Etienne (inventor). Issued 12-2-30.

1,783,822. Automobile jack. Bolard Alfred Jean Gustave, Vernon France (inventors); Rusbol Soc A Responsabilite Ltee (grantee). Issued 12-2-30.

1,783,847. Fashioned warp knitting. Levy Pierre (inventor); Soc P & P Levy Dite Etablissements J et S Levy Freres (grantees). Issued 12-2-30.

1,783,971. Lock. Miguet Louis Eugene (inventor). Issued 12-9-30.

1,783,998. Photographic reproduction objective with two diaphragms and its application as in printing positives for black and white cinematography color, cinematography or cinematography in relief. Chretien Henri (inventor); S A Francaise Dite Soc Technique D Optique et De Photographie S T O P (grantees). Issued 12-9-30.

1,784,159. Double control device for phonographs. Rebikoff Wassily (inventor); Davydoff Leonide (grantee). Issued 12-9-30.

1,784,160. Portable loading gauge for railroad cars. Remond Jacques (inventor). Issued 12-9-30.

1,784,172. Listening and selecting apparatus. Bloch Andre (inventor). Issued 12-9-30.

1,784,180. Roof for carriage bodies. Delale Emile (inventor). Issued 12-9-30.

1,784,181. Boot last. Demoucron Gaston Jules (inventor). Issued 12-9-30.

1,784,344. Joint for molds operating by centrifugal force. Ferrier Paul (inventor). Issued 12-9-30.

1,784,422. Plant for the vertical molding of concrete work. Fabre Hippolyte (inventor). Issued 12-9-30.

1,784,444. Cylinder lock. Homolle Robert Georges Marie (inventor); Soc Bournisien Beau & Cie (grantee). Issued 12-9-30.

1,784,458. Lacing device for corsets and like articles. Lindauer Jules (inventor). Issued 12-9-30.

1,784,490. Process for the recovery of the tin contained in the residues of tin plate manufacture. Laley Jehan (inventor); Les Petits Fils De Francois De Wendel & Cie (grantees). Issued 12-9-30.

1,784,654. Aircraft. Bratu Romulus (inventor). Issued 12-9-30.

1,784,659. Driving means for the rollers of spinning machines. Devaux Paul (inventor). Issued 12-9-30.

1,784,713. Linking machine. Valton Jean Baptiste (inventor); Soc Les Fils de Valton & Cie (grantee). Issued 12-9-30.

1,784,732. Apparatus for lubrication by means of capillary elements. Koehler Marcel (inventor); S A Graissage Alcyl (grantee). Issued 12-9-30.

1,784,783. Ventilating device. Cauchemont Albert (inventor). Issued 12-9-30.

1,785,450. Folding table. Laffillee Jacques Jean (inventor). Issued 12-16-30.

1,785,610. Optical recording device for telegraphic signaling. Belin Edouard (inventor). Issued 12-16-30.

1,785,677. Gas heater for curling irons. Ducart Guillaume (inventor). Issued 12-16-30.

1,785,681. Carburetor. Goudard Felix (inventor). Isued 12-16-30.

1,785,883. Apparatus for engraving printing rollers. Teissere Albert, Teissere Jean et al. (inventors). Issued 12-23-30.

1,785,896. Method of utilizing the tides for power purposes. Defour Andre (inventor). Issued 12-23-30.

1,786,107. Clamping collar. De Vulitch Vladimir Antoine (inventor). Issued 12-23-30.

1,786,202. Apparatus for high temperature treatment of ores and other substances. Fourment Marcel (inventor). Issued 12-23-30.

1,786,334. Lubricating apparatus for the flanges. Issued 12-23-30.

1,786,418. Face paint or fard distributor with stump. Baquey Pierre otherwise known as Gaston Baquey (inventor). Issued 12-30-30.

1,786,424. Knife edge bearing. Caillaud Rene Francois Henri (inventor); S A Des Etablissements Luteraan (grantee). Issued 12-30-30.

1,786,430. Endless track vehicle. Kegresse Adolphe (inventor). Issued 12-30-30.

1,786,451. Oar blade or the like. Ribard Jean Louis (inventor). Issued 12-30-30.

1,786,539. Metal & rubber track belt. Kegresse Adolphe (inventor). Issued 12-30-30.

1,786,895. Bust bodice. Cadolle Marcel (inventor). Issued 12-30-30.

1,786,917. Device for the automatic adjustment of the tensions of films. Oehmichen Etienne (inventor). Issued 12-30-30.

1,787,310. Temperature control device. Goudard Maurice (inventor); S A Solex (grantee). Issued 12-30-30.

1,787,484. Phonograph disk. Laffon Hubert (inventor). Issued 1-6-31.

1,787,517. Airplane having a variable lifting surface. Gerin Jacques (inventor). Issued 1-6-31.

1,787,666. Lever system. Chapuis Charles, Dessaules Pierre et al. (inventor). Issued 1-6-31.

1,787717. Valve gear for internal combustion engines. Boulet Georges (inventor). Issued 1-6-31.

1,787,970. Brush. Bertola Charles (inventor). Issued 1-6-31.

1,788,080. Cane for controlling railway tracks. Bougues Julien-(inventor). Issued 1-6-31.

1,788,186. Metering device chiefly applicable to apparatus for the delivery of liquids. Boutillon Henri (inventor). Issued 1-6-31.

1,788,310. Welding electrode. Lebrun Maurice, Brillie Jean, et al (inventors); La Soc La Soudre Autogene Francaise (grantee). Issued 1-6-31.

1,788,338. Carburetor. Seignol Edouard (inventor). Issued 1-6-31.

1,788,670. Distant electric control device. Granat Elie (inventor); Cie des Forges et Acieries de la Marine et d Homecourt (grantee). Issued 1-13-31.

1,788,695. Braking device for airplane wheels. Veyssiere Francois, Jay Marcel, Mondon Jean Rene et al. (inventors); Soc La Roue Robur (grantee). Issued 1-13-31.

1,788,743. Motor vehicle. Reigneron Jean Baptiste (inventor). Issued 1-13-31.

1,788,798. Attraction. Lesot Louis (inventor). Issued 1-13-31.

1,788,970. Static device for the automatic and progressive closing of electric circuits. Andre Henri, Monnier Alfred et al. (inventors). Issued 1-13-31.

1,788,976. Flow meter. Beraud Armand, Jacquet Gaetan et al (inventors). Issued 1-13-31.

1,789,032. Electric organ. Bethenod Joseph (inventor). Issued 1-13-31.

1,789,133. Method for securing friction facing members. Bluhm Alexandre (inventor); S A Francaise Du Ferodo (grantee). Issued 1-13-31.

1,789,220. Cinematograph view taking apparatus. Debrie Andre Leon Victor Clement (inventor). Issued 1-13-31.

1,789,221. Friction driving device chiefly intended for cinematographic apparatus. Debrie Andre Leon Victor Clement (inventor). Issued 1-13-31.

1,789,222. Film advancing means for cinematographic view taking apparatus. Debrie Andre Leon Victor Clement (inventor). Issued 1-13-31.

1,789,254. Flying machine. Perrin Edouard Alfred (inventor). Issued 1-13-31.

1,789,633. Telegraphic system. Lery Andre (inventor); Carpentier Ateliers J, Cie Francaise Pour L Exploitation Des Procedes Thomson Houston (grantees). Issued 1-20-31.

1,789,639. Mouthpiece for wind instruments. Selmer Henri (inventor). Issued 1-20-31.

1,789,707. Dispenser for pulverulent or pasty substances. Maillard Marie Louise Nee Gougis (inventor). Issued 1-20-31.

1,789,778. Jacking device for vehicles. Sawyer Arthur Estcourt (inventor). Issued 1-20-31.

1,790,098. Resilient track with movable elements. Kegresse Adolphe (inventor). Issued 1-27-31.

1,790,117. Method for sterilizing and pasteurizing liquids. Stassano Henri (inventor). Issued 1-27-31.

1,790.145. Belt composed of longitudinal separated bands. Harmel Laure Augustine Born Bradfer (inventor); S A Establissements Smeldur Manufactory of Belts (grantees). Issued 1-27-31.

1,790,302. Two stroke motor. Goiot Jean Roger (inventor). Issued 1-27-31.

1,790,413. Dynamo electric machine. Fave Marie Alexandre Jean (inventor). Issued 1-27-31.

1,790,532. Propeller with variable pitch. Blain Maurice Auguste (inventor). Issued 1-27-31.

1,790,534. Valveless internal combustion engine. Chevallier Marcel et al, Poulain Gaston (inventors). Issued 1-27-31.

1,190,611. Knitting needle. Vitoux Marcel (inventor). Issued 1-27-31.

1,790,700. Glass spreading roll. Escole Paul Joseph Maximilien (inventor); S A Des Ateliers De Construction & Fonderies De Jeumont Anciens Etablissements Th Haut (grantees). Issued 2-3-31.

1,790,854. Charge mixing device. Defrance Abel et al, Versille Pierre (inventors). Issued 2-3-31.

1,790,978. Three color cinematograph film. Didier Leon Jean Baptiste (inventor). Issued 2-3-31.

1,791,022. Apparatus for the preparation of cooling brines. Dahl Oscar et al, Kjorstad Erik Arnfinn Hallgrim (inventors). Issued 2-3-31.

1,791,023. Refrigerating plant. Dahl Oscar et al, Kjorstad Erik Arnfinn Hallgrim (inventors). Issued 2-3-31.

1,791,032. Apparatus for the preparation of cooling brine. Kjorstad Erik Arnfinn Hallgrim (inventor). Issued 2-3-31.

1,791,052. Tar refining. Bregi Jean H (inventor); Cie Technique Des Petroles (grantee). Issued 2-3-31.

1,791,233. Aeroplane wing. Breguet Louis (inventor); S A Des Ateliers D Aviation Louis Breguet (grantees). Issued 2-3-31.

1,791,235. Method for producing knitted hose stockings and the like. Coury Joseph (inventor); Soc Manufacture De Bonneterie De L Argonne (grantees). Issued 2-3-31.

1,791,374. Wave operated musical instrument. Pechadre Henri Camille Robert (inventor). Issued 2-3-31.

1,791,415. Shock absorber for motor vehicles. Lacrotte Nazaire (inventor). Issued 2-3-31.

1,791,428. Folding safety razor. Riviere Marie Louis (inventor). Issued 2-3-31.

1,791,445. Process for the recovery of paste from printed paper and chiefly wood paste. Grenaudier Louis (inventor). Issued 2-3-31.

1,791,573. Device for making luminous projections in broad daylight or in a lighted room. Parolini Cesar (inventor). Issued 2-10-31.

1,791,801. Tension mechanism for warp beams. Cornu Alexandre (inventor). Issued 2-10-31.

1,791,984. Driving chain. Tremolieres Gustave Henri (inventor). Issued 2-10-31.

1,792,160. Resiliently suspended chassis for motor vehicles and such like. Granges Louis (inventor). Issued 2-10-31.

1,792,182. Throstle frame for continuous spinning. Oswald Jean (inventor); Etablissements Georges Koechlin (grantee). Issued 2-10-31.

1,792,352. Tubular electric resistance. Bassiere Jean Gustave (inventor). Issued 2-10-31.

1,792,374. Tubular incandescent lamp and support therefor. Jacapozzi Fernand (inventor). Issued 2-10-31.

1,792,384. Bust holder. Madsen Viggo (inventor). Issued 2-10-31.

1,792,432. Controlling device for brake cams. Lauer Leon Nicolas (inventor); S A Des Etablissements Piganeau & Co (grantee). Issued 2-10-31.

1,792,436. Cinematographic view taking camera of the portable automatic type. Mery Jean (inventor). Issued 2-10-31.

1,792,664. Machine for pasting hinges on book covers. Taupin Joseph (inventor); S. A. Imprimerie Paul Brodard Et Ateliers Joseph Taupin Reunis (grantees). Issued 2-17-31.

1,793,154. Fuel Atomizer. Bellem Louis Henri Libert et al, Foss Erling Christian (inventors). Issued 2-17-31.

1,793,498. Moving sidewalk. L Heritier Maurice (inventor). Issued 2-24-31.

1,793,605. Cathode for rotary flame arcs. Gautier Georges et al, Le Bozec Leon, Dubois Raymond (inventors). Issued 2-24-31.

1,793,609. Radioelectric insulating support. Guillou Henri (inventor). Issued 2-24-31.

1,793,844. Apparatus for separating impurities from grain. Droin Charles (inventor). Issued 2-24-31.

1,793,867. Steam generator. Niclausse Jules et al, Niclausse Albert (inventors). Issued 2-24-31.

1,794,011. Rotary harrow. Geffroy Georges Auguste (inventor). Issued 2-24-31.

1,794,161. Feed water heater. Fielder Sebastien Otto Alfred (inventor); L Auxiliaire Des Chemins De Fer Et De L Industrie (grantees). Issued 2-24-31.

1,794,185. Discharging apparatus for compressed gas. Lemoine Renee Marie Louise Nee Trouillet (inventors). Issued 2-24-31.

1,794,186. Portable atomizer for liquids of all kinds. Lemoine Renee Marie Louise nee Trouillet (inventor). Issued 2-24-31.

1,794,242. Vacuum tube with two anodes and two grids. Pelletier Gabriel (inventor); Soc E C & Alexandre Grammont (grantee). Issued 2-24-31.

1,794,279. Apparatus for photographic enlargements by superposed impressions. Dauge Robert (inventor). Issued 2-24-31.

1,794,294. Suspension for vehicles. Houdaille Maurice (inventor). Issued 2-24-31.

1,794,302. Boat davit. Kipling Arthur Wellesly (inventor). Issued 2-24-31.

1,794,306. Automatic lifting device. Liberge Andre H E (inventor). Issued 2-24-31.

1,794,344. Dispensing receptacle. Soyez Emile (inventor). Issued 2-24-31.

1,794,527. Sand packing device for pipe molds. Mathieu Leon Louis (inventor); S A des Hauts Fourneaux et Fonderies de Pont A Mousson (grantee). Issued 3-3-31.

1,794,573. Heat exchanger. Arnoult Jean Baptiste Emile Ernest (inventor); Etablissements Ernest Arnoult (grantee). Issued 3-3-31.
1,794,828. Aerial advertising and signaling. Bleriot Louis (inventor). Issued 3-3-31.
1,795,007. Metal label securing device. Burtey Joseph Pierre Paul (inventor). Issued 3-3-31.
1,795,008. Automatic temperature regulator. Chagnaud Andre (inventor); Les Etablissements Poulenc Freres (grantee). Issued 3-3-31.
1,795,037. Carbureting process and apparatus. Portail Fernand Charles Frederic (inventor); S A le Carbone (grantee). Issued 3-3-31.
1,795,145. Brake operating device for motor vehicles. Rouanet Louis (inventor); Cie D Applications Mecaniques (grantee). Issued 3-3-31.
1,795,212. Telephony and telegraphy. Joly Paul (inventor). Issued 3-3-31.
1,795,229. Glass paving. Noel Pierre (inventor). Issued 3-3-31.
1,795,245. Device for the prevention of back fire to the carburetors for internal combustion engines and for other purposes. Bichler Charles Henri (inventor). Issued 3-3-31.
1,795,254. Glass sheet drawing apparatus. Escole Paul (inventor); Ateliers de Construction & Fonderies de Jeumont Anciens Etablissements th Haut (grantee). Issued 3-3-31.
1,795,388. Arrangement for securing the longitudinal binding wires in the bound recipients used for the storage and transportation of gas. Dumat Clement (inventor); Soc The Pour L Exploitation des Tubes Electro Frettes (grantee). Issued 3-10-31.
1,795,398. Elevator for boats with constant draft. Huguenin Albert (inventor). Issued 3-10-31.
1,795,403. Pneumatic clutch for starters. Morton Andre (inventor). Issued 3-10-31.
1,795,788. Unit element for the packing of fruits early products fragile objects and the like and process of manufacture of the same. Mertens Stella (inventor). Issued 3-10-31.
1,795,887. Machine for the reproduction of sculpture. Quattrocchi Edmondo (inventor). Issued 3-10-31.
1,796,008. Motor. Drevet Claude (inventor). Issued 3-10-31.
1,796,038. Arrangement of electric lamps in cinematographic apparatus. Merle Andre Noel (inventor); Pathe Cinema Anciens Etablissements Pathe Freres (grantee). Issued 3-10-31.
1,796,140. Cinematograph with continuous feed of the film. Continsouza Victor et al, Combes Maurice Baptiste (inventors). Issued 3-10-31.
1,796,154. Carburetor. Le Breton Leon (inventor). Issued 3-10-31.
1,796,203. Molding. Jonkergouw Renier et al, Demongeot Jacques (inventors). Issued 3-10-31.
1,796,214. Ozonizer. Otto Marius Paul (inventor). Issued 3-10-31.
1,796,295. Device for determining the direction of flow of a magnetic field. Loth William Arthur (inventor); Soc Industrille des Procedes W A Loth (grantee). Issued 3-17-31.
1,796,335. Acoustic diaphragm made of warped elementary surfaces with parallel edges. Lumiere Louis (inventor). Issued 3-17-31.
1,796,468. Incandescent electric lamp. Main Georges (inventor). Issued 3-17-31.
1,796,499. Face powder device providing for a gradual feed of the powder. Baquey Pierre Dit Gaston (inventor). Issued 3-17-31.
1,796,510. Surface condenser and the like. Delas Francois Xavier Joseph Albert (inventor). Issued 3-17-31.
1,796,512. Boiler with high evaporative capacity. Dhome Alfred (inventor); S A des Etablissements Delaunnay Belleville (grantee). Issued 3-17-31.
1,796,571. Means for making spun glass. Mathieu Louis (inventor). Issued 3-17-31.
1,796,573. Disappearing carriage for guns mounted on board submersible craft and for other like uses. Methlin Nicolas Emilien (inventor); Schneider & Cie (grantee). Issued 3-17-31.
1,796,687. Piston connection. Esnault Pelterie Robert (inventor). Issued 3-17-31.
1,796,748. Fastening device for trunks. Coquille Emile Henri (inventor). Issued 3-17-31.
1,797,640. Cutting device for cigarette machines. Danger Etienne (inventor); Soc Usines Decoufle (grantee). Issued 3-24-31.
1,797,661. Closing apparatus for hydraulic constructions ships elevators and the like. Huguenin Albert (inventor). Issued 3-24-31.
1,797,668. Bottom for football shoes. Morrisse Adrien (inventor); Teifel Leon (grantee). Issued 3-24-31.
1,797,669. Steering and propelling device for helicopters. Oehmichen Etienne (inventor). Issued 3-24-31.
1,797,794. Training device for pilots. Rougerie Lucien (inventor); Etablissements Aera (grantee). Issued 3-24-31.
1,797,797. Endless track vehicle. Saives Leon (inventor); S A des Usines Renault (grantee). Issued 3-24-31.
1,797,872. Process and apparatus for the centrifugal casting of metal pipes. Mathieu Leon Louis (inventor); S A des Hauts Fourneaux et Fonderies de Pont A Mousson (grantee). Issued 3-24-31.
1,797,929. Means for attaching shock absorbers. Rouanet Louis (inventor); Cie D Applications Mecaniques (grantee). Issued 3-24-31.
1,797,975. Fuel feeding device for internal combustion motors. Colmant Albert Louis (inventor). Issued 3-24-31.
1,798,030. Method for reducing nitroaryl arsonic acids. Oechslin Carl (inventor); Les Etablissements Poulenc Freres (grantee). Issued 3-24-31.
1,798,033. Internal combustion engine. Rochefort Francois (inventor). Issued 3-24-31.
1,798,072. Exposure controlling device for cinematographic view taking apparatus. Debrie Andre Leon Victor Clement (inventor). Issued 3-24-31.
1,798,302. Signaling installation for the protection of roads T level crossings. Bouthors Pierre (inventor). Issued 3-31-31.
1,798,697. Air compressor. Pescara Raul Pateras (inventor). Issued 3-31-31.
1,798,867. Brooch and the like. Candas Gaston (inventor). Issued 3-31-31.
1,798,945. Closing device. Lamarthe Alfred (inventor). Issued 3-31-31.
1,798,963. Optical device for distant vision. Valensi Georges (inventor). Issued 3-31-31.
1,798,967. Internal combustion engine. Chedru Gustave Emile (inventor). Issued 3-31-31.
1,798,973. Control device for valves. Cordier Andre Paul Emile (inventor); Etablissement Sippo (grantee). Issued 3-31-31.
1,798,974. Offset and typographic printing machine. Corse Gaston (inventor); Etablissements l Chambon (grantee). Issued 3-31-31.
1,799,122. Tire inflating device. Rocher Maurice (inventor). Issued 3-31-31.
1,799,226. Mechanical loom for weaving wilton and other carpets. Gilhet Georges Joseph (inventor). Issued 4-7-31.
1,799,569. Safety razor. Riviere Marie Louis (inventor). Issued 4-7-31.
1,799,851. Chromium plating by electrolytic deposition. Hollard Auguste (inventor); Soc Nouvelle de l Orfevrerie d Ercuis (grantee). Issued 4-7-31.
1,799,854. Current rectifier. Levy Lucien (inventor). Issued 4-7-31.
1,799,867. Projecting mechanism. Rouiller Georges et al, Marion Jean (inventors). Issued 4-7-31.
1,799,885. Process of generating producer gas. Chavanne Louis (inventor). Issued 4-7-31.
1,799,886. Process for the gasification of solid fuel. Chavanne Louis (inventor). Issued 4-7-31.
1,799,898. Motor car brake. Haliot Paul (inventor). Issued 4-7-31.
1,799,914. Opening device for liquid or pressure gas bottles. Lemoine Renee Marie Louise nee Trouillet (inventor). Issued 4-7-31.
1,800,049. Printing machine adapted for use with unimpressed films requiring a very long exposure. Bizot Marcel Georges Marie Gaston (inventor). Issued 4-7-31.
1,800,088. Shutter for cinematographic apparatus. Debrie Andre Leon Victor Clement (inventor). Issued 4-7-31.
1,800,129. Safety device for automatic adjusting devices for brake mechanism. Bourbeau Olivier (inventor). Issued 4-7-31.
1,800,416. Securing means for reenforced concrete sleepers. Vagneux Edmond Francois Leopold (inventor). Issued 4-14-31.
1,800,440. Support for overhead wires for railways tramways and the like. Delachaux Clarence Leon (inventor); Acieries de Gennevilliers Anciens Etablissements c Delachaux (grantee). Issued 4-14-31.
1,800,458. Carburetor. Mahe Julien (inventor). Issued 4-14-31.
1,800,470. Sustaining device with regulators. Oehmichen Etienne (inventor). Issued 4-14-31.
1,801,137. Automobile body. Brun Marcel (inventor). Issued 4-14-31.
1,801,180. Wagon tipping apparatus. Tacvorian Hampart (inventor). Issued 4-14-31.
1,801,182. Device for the maintenance of telegraph telephone or signaling lines. Viard Georges (inventor). Issued 4-14-31.
1,801,737. Process for the treatment of varnished wall papers. Gruin Maurice (inventor). Issued 4-21-31.
1,801,762. Vanity case. Brun Albert (inventor). Issued 4-21-31.
1,801,910. Reenforced gas container. Dumat Clement (inventor); Soc Pour l Exploitation des Tubes Electro Frettes (grantee). Issued 4-21-31.
1,801,965. Process for decolorizing acetone and methylene oils. Lichtenberger Jean (inventor). Issued 4-21-31.
1,802,083. Preservation of grain and the like. Legendre Rene Andre (inventor). Issued 4-21-31.
1,802,231. Temperature indicator. Biondin Michel Charles (inventor). Issued 4-21-31.
1,802,473. Manufacture of luminescent tubes. Lebrun Paul Francois Joseph (inventor). Issued 4-28-31.
1,802,505. Change speed device. Griffoul Marcel (inventor). Issued 4-28-31.
1,802,506. Carburetor. Guiraud Henri Jules (inventor); S A la Cooperation Agricole & Industrielle (grantee). Issued 4-28-31.
1,802,508. Manufacture of detonating fuses. Harle Etienne Charles Amedee (inventor); Soc Harle Freres & Cie (grantee). Issued 4-28-31.
1,802,630. Speed increasing & reducing apparatus. Cotal Jean (inventor); Soc d Exploitation des Brevets Cotal (grantee). Issued 4-28-31.
1,802,656. Endless track vehicle. Kegresse Adolphe (inventor). Issued 4-28-31.
1,802,665. Pipe of cement or reenforced cement. Monteux Benjamin Emile (inventor); Durand Paul Louis (grantee). Issued 4-28-31.
1,802,725. Moving diorama. Larcher Georges (inventor). Issued 4-28-31.

1,802,882. Supporting & propelling apparatus based on centrifugal power. De Chappedelaine Jean (inventor). Issued 4-28-31.
1,802,885. Safety button. Eguren Aurelio Rodrigo (inventor). Issued 4-28-31.
1,802,954. Wrench. Ollagnon Paul (inventor). Issued 4-28-31.
1,803,012. Carburetor. Goudard Maurice (inventor); S A Solex (grantee). Issued 4-28-31.
1,803,055. Chassis for motor vehicles. Causan Nemorin Laurent (inventor). Issued 4-28-31.
1,803,083. Process & apparatus for the clarification of benzine. Wack Jean Jacques (inventor). Issued 4-28-31.
1,803,222. Power loom for the manufacture of pile fabrics. Venail Paul (inventor); S A de Fabrication des Tapis a Points Noues Saftan (grantee). Issued 4-28-31.
1,803,235. Clutching & speed changing device. Cotal Jean (inventor); Soc d Exploitation des Brevets Cotal (grantee). Issued 4-28-31.
1,803,256. Device in signs for removably fastening motives to supporting surfaces. Horn Paul (inventor). Issued 4-28-31.
1,803,438. Hinge. Rocheron Henri Francois Louis Joseph (inventor). Issued 5-5-31.
1,803,451. Spark advancing apparatus. Ziembinski Stanislas Janvier (inventor). Issued 5-5-31.
1,803,461. Internal combustion engine. Claudel Charles Henri (inventor). Issued 5-5-31.
1,803,493. Rotor. Volet Rene Alfred Laurent (inventor). Issued 5-5-31.
1,803,494. Hollow frame assembly. Amiot Felix (inventor); Soc D Emboutissage et de Constructions Mecaniques (grantee). Issued 5-5-31.
1,804,071. Device for applying hooked clasps. Tchayeff Serge (inventor). Issued 5-5-31.
1,804,091. Spindle drive. Durand Marcel Paul (inventor). Issued 5-5-31.
1,804,214. Feed water heater. Fiedler Sebastien Otto Alfred (inventor); L Auxiliaire des Chemins de er et de l Industrie (grantee). Issued 5-5-31.
1,804,274. Protective lining for tanks. Poberejsky Jacques (inventor). Issued 5-5-31.
1,804,309. Automatic brake adjusting mechanism. Bourbeau Olivier (inventor). Issued 5-5-31.
1,804,310. Irreversible rotary power transmission system. Bricard Roger (inventor); S A Francaise Dite Bricard, Ancienne Maison Sterlin (grantees). Issued 5-5-31.
1,804,856. Pipe joint. Boutry Charles Gustave (inventor). Issued 5-12-31.
1,804,888. Pipe coiled with steel wire for pressure conduits and vessels under pressure. Monsch Simon Pierre (inventor). Issued 5-12-31.
1,804,943. Dispenser for pulverulent substances and the like. Maillard Cecile Marie Louise (inventor). Issued 5-12-31.
1,804,965. Head lamp for motor vehicles. Vives Emile Gustave Edouard Dec (inventor); Cazautet Suzanne Jeanne Widow Vives Admx (grantee). Issued 5-12-31.
1,805,066. Gas burner or nozzle. Andrieux Pierre Jules Justinien (inventor). Issued 5-12-31.
1,805,329. Gas sheet drawing apparatus. Escole Paul (inventor); Ateliers de Construction & Fonderies de Jeumont (grantee). Issued 5-12-31.
1,805,466. Frictional shock absorber with hydraulic control. De Ram Georges Henri Ernest (inventor). Issued 5-19-31.
1,805,469. Electric furnace. Dufour Rene (inventor). Issued 5-19-31.
1,805,559. Process for continuous rectification of crude methyl alcohol. Barbet Emile Augustin (inventor). Issued 5-19-31.
1,805,586. Carburetor. Lavergne Jean (inventor). Issued 5-19-31.
1,805,947. Carburetor. Guiraud Henri Jules (inventor); S A La Cooperation Agricole & Industrielle (grantee). Issued 5-19-31.
1,806,005. Fastening device. Thomas Andre (inventor). Thomas Louise (grantee). Issued 5-19-31.
1,806,236. Safety switch. Charles Maurice (inventor). Issued 5-19-31.
1,806,242. Safety apparatus for protection and defense against burglary and violation of habitations. Duquesne Ferdinand Alexandre (inventor). Issued 5-19-31.
1,806,258. Apparatus for fleshing hides skins or the like. Henry Lucien Nicolas (inventor). Issued 5-19-31.
1,806,386. Rotary frequency transformer. Bunet Paul Emmanuel (inventor); Soc Acieries de Gennevilliers (grantee). Issued 5-19-31.
1,806,523. Vehicle body. De Vizcaya Jean Antoine Augustin (inventor). Issued 5-19-31.
1,806,581. Fuel supply system for internal combustion engines of variable load for using heavy fuels. Bethenod Joseph (inventor); Soc Des Moteurs Dugelay (grantee). Issued 5-26-31.
1,806,598. Acoustic receiver. Denoux Rene (inventor). Issued 5-26-31.
1,806,863. Process for production of substance having a nacreous and chatoyant aspect. Paisseau Jean (inventor). Issued 5-26-31.
1,806,992. Device for bringing a moving body to rest. Pieux Jean (inventor); Schneider & Cie (grantee). Issued 5-26-31.
1,806,997. Vaporization of heavy hydrocarbons. Joseph Alfred (inventor); Cie Internationale Pour la Fabrication des Essences et Petroles (grantee). Issued 5-26-31.
1,807,001. Synchronous motor. Methlin Nicolas Emilien (inventor); Schneider & Cie (grantee). Issued 5-26-31.
1,807,203. Construction of aeroplanes. Ehmig Victor (inventor). Issued 5-26-31.
1,807,370. Process for the preparation of viscose. Bernard Jacques Marc (inventor). Issued 5-26-31.
1,807,514. Radiator actuating mechanism. Dewoitine Julien Eugene Emile (inventor). Issued 5-26-31.
1,807,534. Process for the treatment of a metallic organic or other compound or a gas by a gaseous agent serving to enter into reaction therewith. Joseph Alfred (inventor); Soc Internationale des Procedes Prudhomme Houdry (grantee). Issued 5-26-31.
1,807,547. Machine for automatically printing photographic proofs. Priou Pierre Auguste Marcellin (inventor). Issued 5-26-31.
1,807,553. Steering wheel. Rodanet Charles Henri Hilaire (inventor); S A Etablissements Ed Jaeger (grantee). Issued 5-26-31.
1,807,707. Brake operating device for motor vehicles. Rouanet Louis (inventor); Cie d Applications Mecaniques (grantee). Issued 6-2-31.
1,807,889. Mechanical movement. Belin Edouard (inventor). Issued 6-2-31.
1,808,089. Dating stamp. Villon Raoul et al, Lemaignen Robert (inventors). Issued 6-2-31.
1,808,130. Shock absorber. Chalumeau Jules (inventor). Issued 6-2-31.
1,808,372. Process for the obtainment of sheets of plastic material which are combined or backed. Paisseau Jean (inventor). Issued 6-2-31.
1,808,566. Pocket view taking cinematographic camera with spring motor. Merle Andre Noel (inventor). Pathe Cinema Anciens Etablissements, Pathe Freres (grantees). Issued 6-2-31.
1,808,594. Process for separating platinum from the other precious metals. Collard Georges Auguste Louis Robert (inventor); Comptoir Lyon Alemand (grantee). Issued 6-2-31.
1,808,638. Secondary fluid current production apparatus. Coupard Christian (inventor); S A L Aspiration Scientifique (grantee). Issued 6-2-31.
1,808,668. Steam ejector of vacuum brakes. Leotard Paul Marie Eugene (inventor). Issued 6-2-31.
1,808,669. Photographic camera. Liberman Alexander Iezekil (inventor). Issued 6-2-31.
1,808,670. Transformer. Loubet Henri Rene (inventor); Cie Pour la Fabrication des Compteurs et Materiel d Usines a Gaz (grantee). Issued 6-2-31.
1,808,734. Liquid meter. Carbonaro Mario (inventor). Issued 6-2-31.
1,809,251. Drawing device for spinning frames and for preparing machinery. Pflimlin Jules (inventor). Issued 6-9-31.
1,809,252. Drawing device for spinning frames and for preparatory machinery. Pflimlin Jules (inventor). Issued 6-9-31.
1,809,356. Artificial fur. Romane Georges (inventor). Issued 6-9-31.
1,809,484. Artificial impedance for telephone repeaters. Lebedinsky Myron (inventor); Soc des Telephones Grammont (grantee). Issued 6-9-31.
1,809,503. Oscillating circuits applied to electrical musical instruments and the like. Bethenod Joseph (inventor). Issued 6-9-31.
1,809,514. Motor fuel pump. Guiot Auguste (inventor). Issued 6-9-31.
1,809,671. Machine for interfolding sheets of cigarette papers. Braunstein Roger (inventor); S A des Anciens Etablissements Braunstein Freres (grantees). Issued 6-9-31.
1,809,746. Container for cigarettes and the like. Decobert Eduard Francois Michael (inventor). Issued 6-9-31.
1,809,944. Automatic gasoline feeding apparatus. Porte Rene (inventor); Soc Hardoll Etablissements Hariveau and Dolimier et Rene Porte and Cie Reunis (grantees). Issued 6-16-31.
1,810,183. Apparatus for ejecting pipes cast in flasks in one piece. Mathieu Leon Louis (inventor); S A des Hauts Fourneaux et Fonderies de Pont a Mousson (grantees). Issued 6-16-31.
1,810,387. Cracking catalyzing and hydrogenation of carbonaceous materials. Bianchi Alberto Edoardo et al, Guardabassi Galileo (inventors); Intercarbo S A Pour la Carbonisation et la Traitement Catalytique des Combustibles (grantees). Issued 6-16-31.
1,810,458. Motor car filter system. Audubert Rene (inventor); S A des Procedes R Audubert (grantee). Issued 6-16-31.
1,810,746. Metal sawing machine with arcuate cut. Babin Jules et al, Pays Achile (inventors); Babin Jules (grantee). Issued 6-16-31.
1,810,763. Servo brake. Hallot Paul (inventor). Issued 6-16-31.
1,810,800. Apparatus for reducing to fine powder various materials and products such as enamels. Thomas Joseph Louis Marie (inventor). Issued 6-16-31.
1,810,814. Back fire arrester for combustible gas conduits. Bichler Charles Henri (inventor); Air Securite (grantee). Issued 6-16-31.
1,810,851. Rotable transmission irreversible in both directions. Petit Raymond (inventor); S A Francaise Dite Bricard Ancienne Maison Sterlin (grantees). Issued 6-16-31.
1,810,854. Elastic wheel with flexible rim. Rimailho Emile (inventor). Issued 6-16-31.
1,811,293. Power transmission device. Barrere Fernand Bertrand (inventor). Issued 6-23-31.

1,811,298. Process and product for protecting aluminum magnesium and their alloys against corrosion. Boulanger Charles (inventor); Soc Continentale Parker (grantee). Issued 6-23-31.
1,811,304. Airplane. Couzinet Rene Alexandre Arthur (inventor). Issued 6-23-31.
1,811,305. Control members of an airplane. Couzinet Rene Alexandre Arthur (inventor). Issued 6-23-31.
1,811,323. Static suction apparatus. Lejay Raymond (inventor). Issued 6-23-31.
1,811,446. Bevel wheel. Veber Georges (inventor); Coutant Roger Gabriel Louis (grantee). Issued 6-23-31.
1,811,524. Needle for repairing knitted articles. Vitoux Marcel (inventor). Issued 6-23-31.
1,811,578. Motion transforming mechanism. Florisson Charles Louis (inventor); Soc de Condensation et D Applications Mecaniques (grantees). Issued 6-23-31.
1,811,588. Oil loss preventing device. Moreau Jules (inventor). Issued 6-23-31.
1,811,679. Ball and roller bearing. Volet Rene Alfred Laurent (inventor). Issued 6-23-31.
1,811,919. Pocket perfume sprayer. Dardel Marie Pierre Louis (inventor); Soc Marcas & Dardel (grantee). Issued 6-30-31.
1,811,935. Process for manufacturing agglomerated products. Hue Marcel Hippolyte (inventor). Issued 6-30-31.
1,811,956. Projection arrangement for advertising purposes. Moerch Erik (inventor). Issued 6-30-31.
1,812,259. Plant for heating motor vehicles. De la Barre de Nanteuil Christian (inventor). Issued 6-30-31.
1,812,317. Detachable floating compartment for aeroplanes. Bleriot Louis (inventor). Issued 6-30-31.
1,812,550. Phonograph disk. Penteado Armando Alvares (inventor). Issued 6-30-31.
1,812,551. Brake for motor vehicles. Poulet Edouard (inventor). Issued 6-30-31.
1,812,581. Timepiece winding mechanism. Bloch Marcel (inventor). Issued 6-30-31.
1,812,692. Centrifugal hammer. Georgevitch Nicolas (inventor); Dahme Joseph Alfred (grantee). Issued 6-30-31.
1,812,772. Nail polisher. Cade Marcel (inventor). Issued 6-30-31.
1,812,799. Means for the mechanical preparation of pulverized solid materials. Madore Maurice (inventor). 6-30-31.
1,812,800. Artillery gun more particularly applicable for firing against aircraft. Methlin Nicolas Emilien (inventor); Schneider & Cie (grantee). Issued 6-30-31.
1,812,909. Apparatus for burnishing silver plate. Trinquet Louis et al, Hamel Rene Marcel (inventors). Issued 7-7-31.
1,812,921. Unhairing and bating of skins. Boidin Albert Rene et al, Effront Ivan Auguste (inventors). Issued 7-7-31.
1,813,035. Stitching machine for sets of sheets. Draeger Robert (inventor); Draeger Freres (grantee). Issued 7-7-31.
1,813,041. Feed water heater. Fiedler Sebastien Otto Alfred (inventor); L Auxiliare des Chemins de Fer et de L Industrie (grantees). Issued 7-7-31.
1,813,042. Process for the treatment of zinciferous and composite ores by the volatilization of metallic elements. Folliet Alexandre et al, Sainderichin Nicolas (inventors). Issued 7-7-31.
1,813,142. Glass forming roll. Boudin Louis (inventor); S A Des Manufactures Des Glaces and Produits Chimiques De Saint Gobain Chauny and Cirey (grantees). Issued 7-7-31.
1,813,281. Face powder box. Davis Charles (inventor). Issued 7-7-31.
1,813,531. Process for obtaining a product rich in cellulose and useful byproducts from straw. Du Boistesselin Henri (inventor); Hurel Maurice Aunay S Crecy (grantee). Issued 7-7-31.
1,813,532. Adjustable shock absorber. Dufaux Armand (inventor). Issued 7-7-31.
1,813,543. Waste heat apparatus. Pescara Raul Pateras (inventor). Issued 7-7-31.
1,813,731. Automatic gear shift. Fleischel Gaston (inventor). Issued 7-7-31.
1,813,762. Machine for tubular weaving. Poncet Alexandre (inventor). Issued 7-7-31.
1,813,852. Flying machine. Isacco Vittorio (inventor). Issued 7-7-31.
1,814,046. Endless track belt. Kegresse Adolphe (inventor). Issued 7-14-31.
1,814,061. Direct current generator. Sarazin Robert et al, Moneyron Marcel (inventors). Issued 7-14-31.
1,814,260. The manufacture of shoe uppers. Perugia Andre (inventor). Issued 7-14-31.
1,814,290. Brooch clasp. Cartier Louis Joseph (inventor); Cartier S A (grantee). Issued 7-14-31.
1,814,301. Signaling device for automobiles. Duval Gaston (inventor); Etablissements Jean Schwarze et H Mahe Soc A Responsabilite Limitee (grantees). Issued 7-14-31.
1,814,337. Switch. Rodanet Charles Hilaire Henri (inventor); Soc Etablissements Ed Jaeger (grantee). Issued 7-14-31.
1,814,465. Signaling and indicating apparatus. Becq Andre (inventor). Issued 7-14-31.
1,814,505. Sofa capable of being converted into a bed. Daughin Marie Louis Adolphe Henri (inventor). Issued 7-14-31.
1,815,092. Method and device for the automatic starting of aeroplanes. Bernady Raoul (inventor); Soc D Etudes Et De Construction D Appareils De Telemecanique (grantees). Issued 7-21-31.
1,815,109. The position of the filament of an electric lamp. Machine serving to determine or verify. Marsat Antoine Jean Baptiste (inventor). Issued 7-21-31.
1,815,181. Locking device. Bienaime Robert (inventor). Issued 7-21-31.
1,815,299. Automatic temperature regulator. Greby Ernest (inventor); Cressaty Geo M (grantee). Issued 7-21-31.
1,815,519. Alimentary substance and its manufacture. Magat Charles (inventor). Issued 7-21-31.
1,815,668. Rotary machine for continuously making compressed slabs or floor tiles with colored designs. Druart Henri (inventor). Issued 7-21-31.
1,1,815,846. Process and apparatus for the purification of continuously flowing gases in the manufacture of liquid fuels. Joseph Alfred (inventor); Cie Internationale Pour La Fabrication Des Essences Et Petroles (grantees). Issued 7-21-31.
1,815,852. Crystallizer cooker. Lafeuille Fernand (inventor). Issued 7-21-31.
1,815,875. Apparatus for delivering measured quantities of liquid. Muller Jacques (inventor). Issued 7-21-31.
1,815,949. Adjustable level. Marischal Omer (inventor). Issued 7-28-31.
1,816,067. Servo Brake. Athimon Francis (inventor). Issued 7-28-31.
1,816,073. Automatic coin controlled telephone apparatus. Cambay Charles Amedee (inventor). Issued 7-28-31.
1,816,086. Railroad track weeding car. Latty Xavier (inventor). Issued 7-28-31.
1,816,383. Distributor for pulverulent and pasty products. Maillard Joseph Eugene Baptiste (inventor). Issued 7-28-31.
1,816,401. Shock absorbing device. Rolland Louis (inventor). Soc Metallurgique De L Ariege (grantee). Issued 7-28-31.
1,816,518. Feed water heater. Dugelay Paul (inventor). Soc Francaise Des Pompes Et Machines Worthington (grantee). Issued 7-28-31.
1,816,524. Illuminated show case. Gossart Firmin (inventor). Issued 7-28-31.
1,816,644. Combing machine. Gegauff Charles (inventor). Issued 7-28-31.
1,816,646. Automatic developer for photographic paper in sheets. Godefroy Henri (inventor); Soc Godefroy Freres (grantee). Isssue 7-28-31.
1,816,663. Diaphonometric means. Viard Georges (inventor). Issued 7-28-31.
1,816,723. Securing means for laboratory or workshop apparatus. Dunoyer Louis Dominique Joseph Armand (inventor). Issued 7-28-31.
1,816,764. Artificial sponge and process of manufacture thereof. Cornic Yves (inventor). Issued 7-28-31.
1,816,794. Vertical distillation retort. Pieters Julien (inventor). Issued 7-28-31.
1,816,972. Manufacture and purification of magnesium. Jessup Alfred (inventor). Issued 8-4-31.
1,816,983. Process of forging magnesium alloys. Michel Gilbert (inventor); Soc Le Magnesium Industriel (grantee). Issued 8-4-31.
1,817,111. Machine for cutting threads on tubes. Taurel Paulin (inventor). Issued 8-4-31.
1,817,259. Apparatus for measuring transmission levels on telecommunication circuits. Leduc Marcel (inventor); Lignes Telegraphiques & Telephoniques (grantees). Issued 8-4-31.
1,817,311. Method and means for the obtainment of decorative effects upon textile fabrics by brilliant metallic deposits. Hedde Marie Claude Roger (inventor); La Soc Dite Soc Nouvelle De Metallisation (grantees). Issued 8-4-31.
1,817,410. Magneto electric machine. Heinrich Jean Marie (inventor); Soc Des Moteurs Salmson (grantee). Issued 8-4-31.
1,817,422. Lubrication of engines. Saives Leon (inventor); Renault M Louis (grantee). Issued 8-4-31.
1,817,542. Centrifugal clutch. Bethenod Joseph et al, Goudet Hugues (inventors). Issued 8-4-31.
1,817,739. Apparatus for determining the frictional qualities of a liquid. Dintilhac Jean Georges (inventor). Soc the Yacco S A F (grantee). Issued 8-4-31.
1,817,870. Joint for pipes. Bille Leon (inventor). Issued 8-4-31.
1,818,040. Spring. Carteret Paul Adolphe (inventor). Issued 8-11-31.
1,818,066. System for recovering the energy of the movements of the sea. Jouy Jules (inventor). Issued 8-11-31.
1,818,225. Apparatus for successively distributing variable and adjustable quantities of any liquids. Kiener Jean (inventor); S A Etablissements Jules Marchal (grantee). Issued 8-11-31.
1,818,340. Powder box. Lemoine Henry Guido (inventor). Issued 8-11-31.
1,818,403. Carrier for catalysts and the like. Joseph Alfred (inventor); Cie Internationale pour la Fabrication des Essences et Petroles (grantee). Issued 8-11-31.
1,818,407. Progressive change speed and reversing device. Laille Rene Jean (inventor). Issued 8-11-31.
1,818,432. Cinematographic projecting apparatus. Rouiller Georges, Marion Jean et al (inventors). Issued 8-11-31.
1,818,533. Method for obtaining various gases and recovering byproducts. Chavanne Louis (inventor). Issued 8-11-31.
1,818,695. Tin with opening device. Couade Lucien (inventor). Issued 8-11-31.
1,818,853. Micrometer calipers. Joriot Camille (inventor). Issued 8-11-31.
1,818,911. Machine for coating and glazing biscuits. Savy Emile (inventor). Issued 8-11-31.
1,819,135. Portable shearing tool. Sudre Rene (inventor); Soc d Exploitation des Brevets Fort (grantee). Issued 8-18-31.
1,819,178. Motor car bonnet & radiator mounting device. Kegresse Adolphe (inventor). Issued 8-18-31.
1,819,229. Dyeing machine with pivoting vat. Constant Eugene, Constant Louis, et al (inventors). Issued 8-18-31.

1,819,237. Control system for automatic gear & clutch shifting assemblies. Fleischel Gaston (inventor). Issued 8-18-31.
1,819,535. Decorative product. Assael Maurice Moise (inventor). Issued 8-18-31.
1,819,551. Method & apparatus for capturing insects. Gourdon Georges (inventor). Issued 8-18-31.
1,819,945. Ballast tamping machine. Collet Maurice (inventor); Les Fils d Albert Collet (grantee). Issued 8-18-31.
1,819,947. Hydraulic stress transmitting system. Sensaud de Lavaud Dimitri (inventor). Issued 8-18-31.
1,820,155. Bench convertible into bedstead for vehicles. Poirot Louis Constant Adrien (inventor). Issued 8-25-31.
1,820,229. Wind motor. Darrieus Georges Jean Marie (inventor); S A Pour l Exploitation des Procedes Maurice LeBlanc Vickers (grantee). Issued 8-25-31.
1,820,591. Variable conductor of high negative temperature coefficient. Andre Henri (inventor). Issued 8-25-31.
1,820,594. Device for opening preserve tins with a wire. Bertout Gabriel (inventor). Issued 8-25-31.
1,320,598. Manufacture of zinc white. Corniliat Joseph Marcel Henri (inventor). Issued 8-25-31.
1,821,263. Gas producer. Imbert Georges (inventor). Issued 9-1-31.
1,821,340. Special motor driven car with several cranes driven from one point for the mechanical laying and removing of the elements of railroad tracks. Rouen Paul Guilbert, Legrand Jules, et al (inventors). Issued 9-1-31.
1,821,416. Method of and apparatus for picture transmission. Belin Edouard (inventor). Issued 9-1-31.
1,821,594. Machine for cutting grooves in shoe heels. Vicherd Georges Adolphe, (inventor); Larco del Valle and Cie (grantee). Issued 9-1-31.
1,821,719. Brake controlling device. Messier George Louis Rene Jean (inventor). Issued 9-1-31.
1,821,785. Device for standardizing shunts. Baget Leon (inventor); Cie de Produits Chimiques et Electrometallurgiques Alais Froges et Camarque (grantee). Issued 9-1-31.
1,821,791. Malleable jewel mounted on a deformable basket work. Cartier Louis Joseph (inventor); Cartier S A (grantee). Issued 9-1-31.
1,821,792. Jewelry. Cartier Louis Joseph, Toussaint Jeanne, et al (inventors); Cartier S A (grantee). Issued 9-1-31.
1,821,817. Method of injection of fuel for internal combustion engines. Rochefort Francois (inventor). Issued 9-1-31.
1,821,930. Cinematographic projector. Couade Maurice (inventor). Issued 9-8-31.
1,821,980. Tightening collar with gradually braked winder. Machat Roland, Mathieu Arthur, et al (inventors). Issued 9-8-31.
1,822,196. Aeroplane. Bechereau Louis (inventor); Soc des Avions Bernard (grantee). Issued 9-8-31.
1,822,210. Process for the manufacture of pure colophony and other resinous products from resinous plants or woods. Gardner Daniel (inventor). Issued 9-8-31.
1,822,292. Circular loom for weaving. Jabouley Joanny Barthelemy (inventor); Jaloustre Leon (grantee). Issued 9-8-31.
1,822,293. Process for regenerating contaminated purifying agents. Joseph Alfred (inventor); Cie Internationale Pour la Fabrication des Essences et Petroles (grantee). Issued 9-8-31.
1,822,350. Arrangement of perforations in cinematographic films. Jarnier Julien Henri (inventor). Issued 9-8-31.
1,822,615. Apparatus for producing sudoriferous vapor baths. Diena Jacob (inventor). Issued 9-8-31.
1,822,758. System for transmitting and amplifying vibratory currents and movements. Toulon Pierre Marie Gabriel (inventor). Issued 9-8-31.
1,822,762. Method of manufacturing molded articles. Weitzel Robert (inventor). Issued 9-8-31.
1,822,801. Automatic fire extinguisher. Couten Marie Born Dominget (inventor). Issued 9-8-31.
1,822,804. Apparatus for the recovery of the alcohol evolved by bread baking ovens. De Navrotzky Nicolas (inventor). Issued 9-8-31.
1,822,805. Automatic lathe. D Halloy Audoin (inventor). Issued 9-8-31.
1,822,817. Lubricating system for vertical shafts. Minet Auguste (inventor); Construction Francaise d Appareils de Laiterie S A (grantee). Issued 9-8-31.
1,822,824. Shock absorbing device. Roumens Jean (inventor). Issued 9-8-31.
1,822,831. Utilizing hygroscopic products with brooms. Trepade Henri (inventor). Issued 9-8-31.
1,822,900. Brake thrust distributor. Messier George Louis Rene Jean (inventor). Issued 9-15-31.
1,823,011. Spinning apparatus. Van Coppenolle Gaston (inventor). Issued 9-15-31.
1,823,043. Jewelry clasp. Heugas Henri Auguste (inventor). Issued 9-15-31.
1,823,229. Separable fastener. Balbaud Paul (inventor). Issued 9-15-31.
1,823,255. Hydraulic braking system for airplanes. Charles Maurice (inventor). Issued 9-15-31.
1,823,389. Differential gear provided with propping rollers. De Lavaud Dimitri Sensaud (inventor). Issued 9-15-31.
1,823,391. Closing device for gripping a strand of hair in heating tubes for heating strands of hair. Ducart Guillaume (inventor). Issued 9-15-31.
1,823,397. Level indicator adapted chiefly for high pressure boilers. Guy Benjamin Alfred (inventor). Issued 9-15-31.
1,823,595. Steam valve for cooking containers or boilers. Ducroux Louis Georges (inventor); Delmonte Daniel (grantee). Issued 9-15-31.
1,823,770. Engine of the two stroke type. Tartrais Eugene Henri (inventor). Issued 9-15-31.
1,823,779. Electrical synchronous braking device. Barthelemy Rene (inventor); Cie Pour La Fabrication Des Compteurs et Material D Usines A Gaz (grantees). Issued 9-15-31.
1,823,784. Method and apparatus for treating gases. Cassan Jean Henri Francois (inventor); Cie Generale de Construction de Fours (grantees). Issued 9-15-31.
1,823,788. Radiator composed of flat water elements. Dewoitine Emile Julien Eugene (inventor). Issued 9-15-31.
1,823,790. Ship's scuttle. Ducroux Rene (inventor). Issued 9-15-31.
1,823,926. Sharpener for razor blades such as the Gillette and other blades having two cutting edges. Avignon Edouard Georges (inventor). Issued 9-22-31.
1,824,261. Liquid measuring and delivering apparatus. Coupier Marcel (inventor). Issued 9-22-31.
1,824,325. Propelling system for aircraft. Breguet Louis (inventor); S A des Ateliers D Aviation, Louis Breguet (grantees). Issued 9-22-31.
1,824,336. Fluid motor. Michot Dupont Georges Francis (inventor). Issued 9-22-31.
1,824,347. Apparatus for grinding, smoothing and polishing glass. Hibon Charles (inventor); S A Des Manufactures Des Glaces and Produits Chimiques de Saint Gobain, Chauny and Cirey (grantees). Issued 9-22-31.
1,824,402. Electrical musical instrument. Martenot Maurice Louis Eugene (inventor). Issued 9-22-31.
1,824,485. Oil removing apparatus. Jourdain Marie Paul Robert (inventor); S A Freins Jourdain Monneret (grantee). Issued 9-22-31.
1,824,518. Water displaying and illuminating device. Vedovelli Edouard dec (inventor); Vodevelli Mrs E nee Jeanne Henaux excx (grantee). Issued 9-22-31.
1,824,661. Device for curling threads made of cellulosic material at their issue from spinning machines. Dassonville Michel (inventor). Issued 9-22-31.
1,824,701. Treatment of woods for cellulose. Bergstrom Karl Gustaf et al, Zennstrom Arthur F (inventors). Issued 9-22-31.
1,824,709. Apparatus for taking photographic or cinematographic pictures. Debrie Andre Leon Victor Clement (inventor). Issued 9-22-31.
1,824,772. Method of and means for collecting artificial wool. Dassonville Michel (inventor). Issued 9-29-31.
1,824,792. Metallic pipe coupling. Reure Francois Louis Rene (inventor). Issued 9-29-31.
1,824,799. Apparatus for the permanent waving of the hair. Adam Isaie Clement Francois et al, Ragody Rene Alexis (inventors); Cie Francaise Des Appareils Adam (grantee). Issued 9-29-31.
1,824,914. Manufacture of chromed complexes of azo and ortho hydrozy azo dye stuffs. Mirocourt Henry (inventor); Cie Nationale de Martieres Colorantes et Manufactures de Produits Chimiques du Nord Reunies, Etablissements Kuhlmann (grantees). Issued 9-29-31.
1,825,050. Nut lock. Chaplin William (inventor). Issued 9-29-31.
1,825,078. Incandescent electric lamp for projection apparatus. Marette Jacques (inventor); Pathe Cinema Anciens Etablissements, Pathe Freres (grantees). Issued 9-29-31.
1,825,097. Construction of internal combustion engines. Seguin Laurent et al, Seguin Augustin (inventors). Issued 9-29-31.
1,825,098. Automatic calling apparatus for automatic telephones. Seguin Laurent et al. Seguin Augustin (inventors). Issued 9-29-31.
1,825,171. Automatic screw threading machine. Arnold Jean Francois (inventor). Issued 9-29-31.
1,825,203. Contrivance or device for throwing projectiles or the like. Reibel Jean Frederic Jules (inventor); Soc Des Armes Lewis (grantee). Issued 9-29-31.
1,825,345. Compensated gyroscopic device for the determination of planes or directions of reference. Fieux Jean (inventor); Schneider & Cie (grantee). Issued 9-29-31.
1,825,387. Apparatus for testing physical properties of materials. Esnault Pelterie Robert (inventor). Issued 9-29-31.
1,825,442. Driving device employing maltese cross wheels. Chambon Marius (inventor); Etablissements L Chambon (grantee). Issued 9-29-31.
1,825,510. Method and apparatus for printing variable letter press. Corse Gaston (inventor); Etablissements L Chambon (grantees). Issued 9-29-31.
1,825,518. Protecting device for alternating current three phase motors. Geny Paul (inventor). Issued 9-29-31.
1,825,571. Rotary internal combustion engine. Barreaux Alphonse et al, Sarrazin Georges (inventors). Issued 9-29-31.
1,825,585. Replaceable resistance. Dubois Robert (inventor). Issued 9-29-31.
1,825,658. Internal combustion engine. Dumanois Emile Paul (inventor). Issued 10-6-31.
1,825,768. Propeller with variable pitch. Barbarou Marius Jean Baptiste (inventor). Issued 10-6-31.
1,825,769. Construction of the cylinders of internal combustion engines. Barbarou Marius Jean Baptiste (inventor). Issued 10-6-31.

1,825,899. Railway car retarder. Deloison Fernand (inventor). Issued 10-6-31.
1,825,948. Staple fiber reclaiming device for revolving flat cards. Gegauff Charles et al, Pflimlin Jules (inventors). Issued 10-6-31.
1,826,069. Method of substitution of railroads by means of substitution trains and mechanical apparatus constituting the same. Guilbert Paul et al, Legrand Jules, Lemaire Maurice (inventors). Issued 10-6-31.
1,826,237. Cigarette and cigar holder. Boeckel Emile (inventor). Issued 10-6-31.
1,826,306. Internal combustion engine. Dugelay Paul (inventor); Soc des Moteurs Dugelay (grantee). Issued 10-6-31.
1,826,460. Cleaning device for trucks. Coutin Jean (inventor); Preparation Industrielle des Combustibles S A (grantee). Issued 10-6-31.
1,826,552. Extraction of tin from ores alloys scrap or the like. Lamy Leon et al, Mathieu Eugene, Gagnaux Leon (inventors); Soc D Electro Chimie D Electro Metallurgie et des Acieries Electriques D Ugine (grantees). Issued 10-6-31.
1,826,583. Process of metallurgical treatment. Thurneyssen Christian (inventor); Soc Le Nickel (grantee). Issued 10-6-31.
1,826,584. Textile apparatus. Vilt Lucien (inventor). Issued 10-6-31.
1,826,654. Process for weaving. Debouteville Marcel Delamare (inventor). Issued 10-6-31.
1,826,719. Self oscillating electric clock. Battegay constant (inventor). Issued 10-13-31.
1,826,730. Rigid frame for motor cars. Causan Nemorin Laurent (inventor). Issued 10-13-31.
1,826,866. Proofing of metal against corrosion and particularly of iron and steel against rust. Cole William Howard (inventor). Issued 10-13-31.
1,827,139. Taximeter. Brun Jean Albert Francois (inventor). Issued 10-13-31.
1,827,797. Adjustable searchlight. Muller Lucien (inventor). Issued 10-20-31.
1,827,836. Electrical calculating machine. Boutet Rene Edmond (inventor). Issued 10-20-31.
1,828,032. Moving picture machine. De Caux Rene (inventor); Soc Etablissements Gaumont (grantee). Issued 10-20-31.
1,828,037. Apparatus for the molding of long objects by centrifugal treatment. Ferrier Paul (inventor). Issued 10-20-31.
1,828,121. Pocket manicure set. Adam Auguste Edmond et al, Janning Rene (inventors). Issued 10-20-31.
1,828,146. Apparatus for the treatment of gas or a mixture of gas and vapor in the presence of catalytic agents and for the reactivation of such agents. Joseph Alfred (inventor); Cie Internationale Pour la Fabrication des Essences et Petroles (grantee). Issued 10-20-31.
1,828,202. Electrical timing device. Rodanet Henri (inventor). Issued 10-20-31.
1,828,396. Umbrella. Cornic Emile (inventor). Issued 10-20-31.
1,828,641. Braking apparatus for aircraft. Bergeron Michel (inventor). Issued 10-20-31.
1,828,676. Device for injecting fuel into internal combustion engines. Morton Andre Adolphe (inventor); Soc D Installation de Lumiere et de Force Electriques (grantee). Issued 10-20-31.
1,828,769. Automatic tensioning device for flexible transmission members. Duhamel Michel (inventor). Issued 10-27-31.
1,828,770. Carburetor for heavy fuels in internal combustion engines. Escaffre Joseph (inventor). Issued 10-27-31.
1,828,783. Lifting device. Oehmichen Etienne (inventor). Issued 10-27-31.
1,828,784. Presure fluid generator. Perrin Rene (inventor); France the State of Represented by the Minister of the National Navy (grantee). Issued 10-27-31.
1,828,933. Shock absorbing roll for motor vehicles. Kegresse Adolphe (inventor). Issued 10-27-31.
1,829,103. Loading device for view taking cinematographic apparatus. Merle Andre Noel (inventor); Pathe Cinema Anciens Etablissements, Pathe Freres (grantees). Issued 10-27-31.
1,829,119. Water tube boiler. Thery Rene Victor Stanislas (inventor); Cie de Fives Lille (grantee). Issued 10-27-31.
1,829,340. Cushioning device for reciprocating sieves and other apparatus. Coutin Jean (inventor); Preparation Industrielle des Combustibles S A (grantees). Issued 10-27-31.
1,829,443. Propeller. Gobereau Robert Richard et al, Maujole Lucien Edouard (inventors). Issued 10-27-31.
1,829,445. Pulverized fuel furnace and method of operating the same. Haveaux Emile (inventor); Soc D Electricite de la Region de Valenciennes Anzin (grantee). Issued 10-27-31.
1,829,553. Conductor of high negative temperature coefficient. Andre Henri G (inventor). Issued 10-27-31.
1,829,632. Carburetor. Chanard Auguste (inventor). Issued 10-27-31.
1,829,633. Process for taking or projecting photographic or cinematographic panoramic views or views extending in height. Chretien Henri (inventor); S A Francaise Dite Technique D Optique et de Photographie S T O P (grantee). Issued 10-27-31.
1,829,634. Taking and projection of motion pictures and films therefor. Chretien Henri (inventor). Issued 10-27-31.
1,829,655. Apparatus for distant hydraulic control. Huguenin Albert (inventor). Issued 10-27-31.
1,829,786. Carburetor. Claudel Charles Henri (inventor). Issued 11-3-31.
1,830,419. Altimeter. Belugou Leon (inventor). Issued 11-3-31.
1,830,427. Plant for the manufacture by centrifugation of pipes of any nature and particularly of metal pipes. Devillers Rene (inventor); Soc D Expansion Technique (grantee). Issued 11-3-31.
1,830,450. Tension regulating device. Toulon Pierre Marie Gabriel (inventor); Etablissements Ragonot (grantee). Issued 11-3-31.
1,830,615. Electric arc treatment of liquid hydrocarbons. Mercier Yves (inventor); L Air Liquide S A Pour L Etude & L Exploitation des Procedes, Georges Claude (grantee). Issued 11-3-31.
1,830,869. Automatic dilatation compensator. Charles Maurice (inventor). Issued 11-10-31.
1,830,989. Firearm. Faure Julien Marie Pierre (inventor); Verney Carron & Cie (grantee). Issued 11-10-31.
1,831,023. Process of manufacture of aluminum silicon alloys. Mathieu Eugene et al, Perrin Rene, Greffe Andre, Cavalieri Serge (inventors); Soc D Electro Chimie D Electro Metallurgie et des Acieries, Electriques D Ugine (grantees). Issued 11-10-31.
1,831,419. Process for the hydrolysis of cellulosic substances. Lefranc Jacques (inventor); Celestin Wm E (grantee). Issued 11-10-31.
1,831,600. Powder box. Kantor Abraham (inventor). Issued 11-10-31.
1,831,643. Trace of ships lines. Yourkevitch Vladimir (inventor). Issued 11-10-31.
1,831,737. Servo motor for braking vehicles. Broussouse Fernand Louis et al, Leboucher Paul Jules (inventors). Issued 11-10-31.
1,831,752. Manufacture of handgrips comprising fittings of molded material. Reinold Louis (inventor); Manufacture metallurgique de (grantee). Issued 11-10-31.
1,831,753. Measuring pump. Renaud Henri (inventor); S A Des Etablissements Tecalemit (grantee). Issued 11-10-31.
1,832,217. Regeneration of catalysts. Joseph Alfred (inventor); Cie Internationale Pour la Fabrication des Essence et Petroles (grantee). Issued 11-17-31.
1,832,313. Dispenser for pulverulent and pasty substances. Maillard Joseph Eugene Baptiste (inventor). Issued 11-17-31.
1,832,363. Method of and means for transferring hair and feathers from their natural to another support. Ditisheim Bernard (inventor). Issued 11-17-31.
1,832,505. Fastening device for doors. Rocheron Henri Francois Louis Joseph (inventor). Issued 11-17-31.
1,832,566. Securing device for suspenders. Leniff Andre (inventor). Issued 11-17-31.
1,832,569. Catalyst and process of making same. Mayor Joland Pierre Paul (inventor); Soc Alsacienne de Produits Chimiques (grantee). Issued 11-17-31.
1,832,757. Electric current plug. Baudry de Saunier Charles Louis (inventor). Issued 11-17-31.
1,832,762. Synthesis of organic bodies suitable for automobile engines from water gas or similar gases. Brutzkus Marcus (inventor). Issued 11-17-31.
1,833,087. Enamel containing barium and strontium compounds and for the enamelling of metal. Migeot Louis Ernest (inventor). Issued 11-24-31.
1,833,293. Comb for the application of dyes. Laguionie Joseph (inventor). Issued 11-24-31.
1,833,318. Electric mine lamp. Daloz Jules Gaston (inventor). Issued 11-24-31.
1,833,425. Electrolytic process for the manufacture of magnesium and the alkaline earth metals such as calcium by the electrolysis of molten chlorides and apparatus for carrying the said process into effect. Jessup Alfred (inventor). Issued 11-24-31.
1,833,592. Wireless receiving apparatus. Routin Joseph Louis (inventor). Issued 11-24-31.
1,833,596. Shock absorber. Sarri Tommato (inventor). Issued 11-24-31.
1,833,613. Pressure controlling means for compressors. Marchaut Pierre J (inventor). Issued 11-24-31.
1,833,752. Closing device for tin cans and the like. Longchamp Louis Casimir (inventor). Issued 11-24-31.
1,833,802. Explosion engine. Violet Marcel Achille (inventor). Issued 11-24-31.
1,833,843. Propeller blade. Leparmentier Robert Leon Auguste (inventor). Issued 11-24-31.
1,834,025. Water meter. Granger Ernest (inventor). Issued 12-1-31.
1,834,236. Process for treating vanadium ores and particularly vanadates of lead and other metals. Campagne Emile (inventor); Gildemeister Alphonse (grantee). Issued 12-1-31.
1,834,681. Electromechanical resonating device. Chirol Maurice (inventor); Cie Pour la Fabrication des Compteurs et Materiel d'Usines a Gaz (grantee). Issued 12-1-31.
1,834,711. Method of and means for sealing containers and the like. Jovignot Charles (inventor). Issued 12-1-31.
1,834,712. Means for sealing containers and the like. Jovignot Charles (inventor). Issued 12-1-31.
1,834,753. Apparatus for supplying gas for blowpipe work. Weber Guillaume (inventor); Les Petits Fils de Francois de Wendel (grantee). Issued 12-1-31.
1,834,773. Hydraulic control device. Fellmann Robert Leon et al, George Marie Camille (inventors). Issued 12-1-31.
1,834,818. Catalytic mixer. Balachowsky Dmirty et al, Caire Philippe, Levy Manes (inventors); Soc Des Brevets Catalex (grantee). Issued 12-1-31.
1,834,832. Resistance controlling device. Flandrin Ludovic et al, Levy Georges Clement (inventors). Issued 12-1-31.

1,834,853. Bladed shutter for photographic apparatus. Labrely George Emile (inventor). Issued 12-1-31.
1,834,857. Resilient wheel. Messier George Louis Rene Jean (inventor). Issued 12-1-31.
1,834,893. Internal combustion engine. Birkigt Marc (inventor). Issued 12-1-31.
1,835,018. Turbine having its rotating shaft transverse to the flow of the current. Darrieus Georges Jean Marie (inventor); S A pour l'Exploitation des Procedes Maurice Leblanc Vickers (grantee). Issued 12-8-31.
1,835,081. Refrigerating machine. Pollard Frederic Augustin (inventor). Issued 12-8-31.
1,835,249. Face powder feeder. Vicki Felix Joseph (inventor). Issued 12-8-31.
1,835,677. Furnace. Stein Charles (inventor); S A Des Appareils de Manutention et Fours Stein (grantee). Issued 12-8-31.
1,835,680. Reversible device for the transformation of reciprocating motion into circular motion. Varcin Adolphe Leopold (inventor). Issued 12-8-31.
1,835,890. Transportable ordnance material for firing against aircraft. Methlin Nicolas Emilien (inventor); Schneider & Cie (grantee). Issued 12-8-31.
1,835,919. Pump with deformable diaphragm. Waselge Charles Raymond (inventor); Farman Henri et Maurice (grantee). Issued 12-8-31.
1,836,085. Method for the simultaneous production of methyl alcohol and liquid hydrocarbons by synthesis. Patart Georges (inventor). Issued 12-15-31.
1,836,107. Safety hook for hoisting machines. Bruel Jean (inventor). Issued 12-15-31.
1,836,287. Process for obtaining bornyl and isobornyl esters. Schmidt Ludwig (inventor); Soc Alsacienne de Produits Chimiques (grantee). Issued 12-15-31.
1,836,288. Process for obtaining bornyl and isobornyl esters. Schmidt Ludwig (inventor); Soc Alsacienne de Produits Chimiques (grantee). Issued 12-15-31.
1,836,613. Cinematographic apparatus. Oehmichen Etienne (inventor). Issued 12-15-31.
1,836,617. Flying apparatus. Perrin Edouard Alfred (inventor). Issued 12-15-31.
1,836,645. Actuating mechanism for engine fuel pumps. Clerget Pierre (inventor). Issued 12-15-31.
1,836,648. Device for automatically controlling the slide rests of lathes and machine tools. Cuttat Georges (inventor); SA Des Etablissements Cuttat (grantee). Issued 12-15-31.
1,836,770. Garter buckle. Pugniet Andree (inventor). Issued 12-15-31.
1,836,937. Process for fermentation and disintegration of the cellular tissue of grains. Rabinowitsch Efraim (inventor); Sanfarine S A De Neuveaux Procedes Rationnels De Pruification Et De, Preparation De Pates De Cereales (grantees). Issued 12-15-31.
1,837,041. Mechanism for the automatic control of liquid distributors. Gueux Joseph Jean Marie (inventor). Issued 12-15-31.
1,837,050. Colloidal diaphragm adapted for use in electrolytic apparatus for the manufacture of hydrogen and oxygen. Jaubert George Francois (inventor). Issued 12-15-31.
1,837,052. Twisting machine. Leduc Marcel (inventor). Issued 12-15-31.
1,837,106. Motor vehicle. Bucciali Albert Paul (inventor). Issued 12-15-31.
1,837,110. Automatic coin controlled telephone apparatus. Cambay Charles Amedee (inventor). Issued 12-15-31.
1,837,144. Electric piano harp. Bethenod Joseph (inventor); Cie Generale De Telegraphie Sans Fil (grantee). Issued 12-15-31.
1,837,374. Building element. Samuel Rene (inventor). Issued 12-22-31.
1,837,438. Apparatus for washing coals. Wolf Philippe (inventor). Issued 12-22-31.
1,837,856. Universal coupling. Fenaille Pierre (inventor). Issued 12-22-31.
1,837,892. Refrigerating system and refrigerator. Beaumont Georges (inventor). Issued 12-22-31.
1,837,894. Luminous advertising device. Bosche Andre (inventor); Soc Appareils Lumineux, Annonciateurs Et Signalisateurs (grantees). Issued 12-22-31.
1,837,899. Tool for use in inserting the swelling tube of air bladders into the covers of footballs. Daugy Louis (inventor). Issued 12-22-31.
1,837,950. Method and apparatus for absorbing shocks. Conti Emile (inventor). Issued 12-22-31.
1,837,952. Electric cable. Delon Jules (inventor). Issued 12-22-31.
1,837,958. Bust support. Ferrero Blanche Denise Nee Willmann (inventor). Issued 12-22-31.
1,837,971. Contact materials for catalytic cracking and like operations. Joseph Alfred (inventor); Cie Internationale Pour La, Fabrication Des Essences Et Petroles (grantees). Issued 12-22-31.
1,837,980. Mechanism for automatically opening and closing the breech of guns. Methlin Nicolas Emilien (inventor); Schneider and Cie (grantee). Issued 12-22-31.
1,837,996. Apparatus for the molding of panels and the like. Queinnec Marguerite Marie (inventor). Issued 12-22-31.
1,838,096. Automatic speed changer. Fleischel Gaston (inventor). Issued 12-29-31.
1,838,108. Mosaic article. Rhodes Fernand Joseph (inventor). Issued 12-29-31.
1,838,173. Process for obtaining highly luminous photographs. Chretien Henri (inventor); S A Francaise Dite Soc Technique, D Optique Et De Photographie S T O P (grantees). Issued 12-29-31.
1,838,366. Refrigerating plant for the freezing of fish and other goods. Dahl Oscar Et Al, Kjorstad Erik Arnfinn Hallgrim (inventors). Issued 12-29-31.
1,838,537. Process and apparatus of radioscopy, Radiography and Radiocinematography. Dauvillier Alexandre (inventor). Issued 12-29-31.
1,838,743. Loud speaker. Chireix Henri (inventor); Soc Francaise Radio Electrique (grantee). Issued 12-29-31.
1,838,970. Parachute. Trican Gabriel (inventor). Issued 12-29-31.
1,839,057. Rotary heat interchanger. Singrun Albert (inventor). Issued 12-29-31.
1,839,106. Apparatus for performing metallurgical smelting and molding operations. Loth William Arthur (inventor). 12-29-31.
1,839,118. Polishing machine. Plancq Fernand (inventor). Issued 12-29-31.
1,839,298. Hydraulic braking system. Charles Maurice (inventor). Issued 1-5-32.
1,839,312. Electrical switching apparatus. Heidmann Leon (inventor); Forges & Ateliers De Constructions Electriques De Jeumont S A (grantees). Issued 1-5-32.
1,839,745. Illuminating device for projecting sound films. Dunoyer Louis Dominique Joseph Armand (inventor). Issued 1-5-32.
1,839,772. Spinning frame and the like. Pflimlin Jules (inventor). Issued 1-5-32.
1,839,956. Color printing. Dufay Louis (inventor). Issued 1-5-32.
1,839,987. Manufacture of ash free solid fuel. Michels Mario (inventor). Issued 1-5-32.
1,840,438. Automatic continuous molding machine. Faure Andre (inventor); Etablissements Julien Damoy S A (grantee). Issued 1-12-32.
1,840,456. Saxophone. Leblanc Leon (inventor). Issued 1-12-32.
1,840,462. Shock absorber. Moittie Lucien Dominique Octave (inventor); S A Des Etablissements Repusseau and Cie (grantee). Issued 1-12-32.
1,840,479. Blasting cartridge. Weber Guillaume (inventor); Les Petits Fils De Francois De Wendel and Cie (grantees). Issued 1-12-32.
1,840,966. Pump. Maillebuau Pierre (inventor). Issued 1-12-32.
1,841,214. Electric holder. Saives Leon (inventor); Renault Louis (grantee). Issued 1-12-32.
1,841,230. Steam generator. Vuia Trajan, Yvonneau Emmanuel Et Al (inventors). Issued 1-12-32.
1,841,256. Machine for marking fur bearing skins. Sanglier Armand, Sanglier Rene, Sanglier Henry Et Al (inventors). Issued 1-12-32.
1,841,969. Device for damping the recoil of the barrel in guns of all calibers. Methlin Nicolas Emilien (inventor); Schneider & Cie (grantee). 1-19-32.
1,842,090. Apparatus for the supply of the ozone and the like. Ferguson Fergus (inventor). Issued 1-19-32.
1,842,191. Terminal for electric resistances. Oppenheim Rene (inventor); S A Le Carbone (grantee). Issued 1-19-32.
1,842,197. Method of converting by catalysis mineral and vegetable oils. Portail Fernand Charles Frederic (inventor); S A Le Carbone (grantee). Issued 1-19-32.
1,842,229. Machine for shearing metal and other sheets. Achard Jean (inventor); S A Des Anciens Etablissements Achard & Cie (grantees). Issued 1-19-32.
1,842,255. Cinematographic projection system with continuous travel of the film. Deville Etienne Sainte Claire (inventor); Soc Des Etablissements Gaumont (grantee). Issued 1-19-32.
1,842,281. Liquid seal closure device for vertical distillation retorts. Pieters Julien (inventor). Issued 1-19-32.
1,842,701. Horticultural scalding apparatus. Vedrinsky Alexandre (inventor). Issued 1-26-32.
1,842,734. Door holding device. Saives Leon (inventor). Renault Louis (grantee). Issued 1-26-32.
1,842,858. Hydroplane. Couzinet Rene Alexandre Arthur (inventor). Issued 1-26-32.
1,842,859. Compensating device of rudder & elevator controls of airplanes. Couzinet Rene Alexandre Arthur (inventor). Issued 1-26-32.
1,842,866. Carburetor. Goudard Maurice (inventor). Issued 1-26-32.
1,842,867. Carburetor. Goudard Maurice (inventor); S A Solex (grantee). Issued 1-26-32.
1,842,898. Receiving system. De Bellescize Henri de Regnauld (inventor). Issued 1-26-32.
1,842,940. Rotary compressor. Jannin Marcel Emile Lucien (inventor). Issued 1-26-32.
1,843,043. Process for the separation of the several components of gaseous mixtures. Patart Georges Leon Emile (inventor). Issued 1-26-32.
1,843,198. Process and apparatus for regulating the density of fluids containing solid particles. Berguerand Lucien (inventor); S A Des Manufactures Des Glaces and Products Chimiques de Saint Gobain Chauny and Cirey (grantee). Issued 2-2-32.
1,843,241. Device for forming infusions. Pouget Louis Marcel (inventor). Issued 2-2-32.
1,843,445. Antenna arrangement. Chireix Henri (inventor); Soc Francaise Radio Electrique (grantee). Issued 2-2-32.
1,843,495. Process and device for producing the rupture or the distortion of a liquid stream and application of the same. Pilon Hector Paul (inventor); S A Etablissements Gaiffe Gallot and Pilon (grantee). Issued 2-2-32.

1,843,505. Freight handling container for transportation of goods. De Andia Yrarrazaval Jean Gonzalez (inventor). Issued 2-2-32.

1,843,525. Feeding arrangement for electric devices. Thomas Sebastien et al, Robert Maurice Theophile (inventors). Issued 2-2-32.

1,843,678. Aeroplane. Jannin Marcel (inventor). Issued 2-2-32.

1,843,734. Combination control apparatus for flying and other controls for aeroplanes or the like purposes. Quessette Jean (inventor). Issued 2-2-32.

1,843,851. Process of degumming textile plants. Thuau Urbain Jules Leon (inventor). Issued 2-2-32.

1,843,881. Electrical distant control apparatus for the fire control of ordnance and for other purposes. Methlin Nicolas Emilien (inventor); Schneider and Cie (grantee). Issued 2-2-32.

1,844,008. Centrifugal autoclave permitting the recovery of volatile products. Grauss Georges (inventor). Issued 2-9-32.

1,844,223. Inserting and protecting device for shoe laces. Kircher Otto (inventor). Issued 2-9-32.

1,844,429. Method and device for antiaircraft firing. Le Prieur Yves Marie et al, Paul Gaston, Ricordel Auguste Louis (inventors); Precision Moderne (grantee). Issued 2-9-32.

1,844,859. Magnetic and radioelectric goniometry. Levy Lucien (inventor). Issued 2-9-32.

1,844,978. Closing mechanism for railroad car doors. Renaud Louis (inventor). Issued 2-16-32.

1,845,193. Foundry sand rubbing machine. Ronceray Eugene (inventor); S A Des Etablissements Ph Bonvillain and E Ronceray (grantees). Issued 2-16-32.

1,845,592. Gyroscope suspension. Fieux Jean (inventor); Schneider and Cie (grantee). Issued 2-16-32.

1,845,596. Carburetor for internal combustion engines supplied with heavy oil. Goinard Joseph Marie Arsene (inventor). Issued 2-16-32.

1,845,862. Internal combustion engine with staged compression and expansion. Auriol Paul (inventor). Issued 2-16-32.

1,846,162. Rotatable fluid current machine. Thomas Maurice Joseph Charles Marie (inventor). Issued 2-23-32.

1,846,215. Recuperation equipment for tramways. Lievre Marcel (inventor); Cie Generale Francaise de Tramways (grantee). Issued 2-23-32.

1,846,250. Gear box. Delevoye Robert Emile Charles (inventor); S A Des Anciens Etablissements Hotchkiss & Cie (grantees). Issued 2-23-32.

1,846,591. Arrangement for fixing monograms or decorative designs on box covers. Guerin Georges Joseph Valentin (inventor). Issued 2-23-32.

1,846,715. Fly frame. Gregauff Charles (inventor). Issued 2-23-32.

1,846,752. Thermostat apparatus. Picard Jacques et al, Tournadre Andre (inventors). Issued 2-23-32.

1,846,761. Straight knitting machine. Ruinnet Yves (inventor). Issued 2-23-32.

1,846,852. Liquid measuring apparatus. Dubreuil Gaston (inventor). Issued 2-23-32.

1,847,012. Electromagnet. Lavet Marius (inventor); Etablissements Leon Hatot (grantee). Issued 2-23-32.

1,847,014. Locking device. Malivert Jules Eugene (inventor); Soc Dite L Accessoire de Precision (grantee). Issued 2-23-32.

1,847,032. Clutch apparatus. Alibert Emile (inventor); Cie de Machines Automatiques Savingma (grantee). Issued 2-23-32.

1,847,074. Device for adjusting the type bars relatively to the universal bars in stenographic machines. Grandjean Marc (inventor). Issued 3-1-32.

1,847,491. Landing carriage for high speed airplanes. Messier George Louis Rene Jean (inventor). Issued 3-1-32.

1,847,595. Jointed jewel adaptable to all shapes of nick openings and to all edges of clothes. Cartier Louis Joseph (inventor); Cartier S A (grantee). Issued 3-1-32.

1,847,597. Treatment of crude pyroligneous acid. Charles Ernest Andre (inventor); La S A des Produits Chimiques de Clamecy nievre (grantee). Issued 3-1-32.

1,847,682. Ring type spinning machine. Nau Touron Albert (inventor). Issued 3-1-32.

1,847,686. Lock. Bienaime Robert (inventor). Issued 3-1-32.

1,847,697. Color printing process for textile fabrics. Petitdidier Robert, Feynier Francois Victor et al (inventors); Etablissements Petitdidier Ancienne Maison Jolly Belin (grantee). Issued 3-1-32.

1,847,698. Process for the dyeing & printing of fabrics containing cotton fibers preliminarily immunized which are combined with other fibers. Petitdidier Robart, Feynier Francois Victor et al(inventors); Etablissements Petitdidier Ancienne Maison Jolly Belin (grantee). Issued 3-1-32.

1,847,716. Brake adjusting mechanism. Hallot Paul (inventor). Issued 3-1-32.

1,847,768. Device for producing intermittent rotary motion. Kolbassieff Alexander (inventor). Issued 3-1-32.

1,847,799. Food leavening composition. Weil Louis (inventor). Issued 3-1-32.

1,847,818. Method & device for laying & renewing railroad tracks. Collet Pierre, Loiseau Rene et al (inventors); Collet les Fils D Albert (grantee). Issued 3-1-32.

1,848,550. Headlight for motor vehicles. Rummel Henri Francois (inventor). Issued 3-8-46.

1,848,606. Machine for homogenizing liquids. Corblin Henri (inventor). Issued 3-8-46.

1,848,787. Rail joint. Loche Marcel (inventor). Issued 3-8-46.

1,848,865. Transplanting machine. Bacle Paul (inventor). Issued 3-8-46.

1,848,940. Apparatus for the blowing and molding of articles in silica glass. Delpech Gaston (inventor); Soc Quartz & Silice (grantee). Issued 3-8-46.

1,848,973. Recording and reproducing phonographic diaphragm device. Penteado Armando Alvares (inventor). Issued 3-8-46.

1,849,054. Apparatus for the manufacture of metal tubes. Boissou Pierre (inventor); S A Des Hauts Fourneaux et Fonderies de Pont a Mousson (grantee). Issued 3-15-32.

1,849,124. Process of producing phosphoric acid. Urbain Edouard (inventor); Cie des Produits Chimiques et Charbons Actifs Ed Urbain (grantee). Issued 3-15-32.

1,849,279. Gas producer. Cezanne Robert Marie Albert Ernest (inventor); Soc D Application Du Gaz Aux Moteurs S A G A M (grantee). Issued 3-15-32.

1,849,530. Carburetor for internal combustion engines. Lemoine Paul Louis (inventor). Issued 3-15-32.

1,849,564. Linkage device. Beurrier Leon Louis (inventor). Issued 3-15-32.

1,849,607. Apparatus for the comparison and measurement of luminosity. Bernheim Georges (inventor). Issued 3-15-32.

1,849,622. Dialyzer frame. Heibig Edouard (inventor). Issued 3-15-32.

1,849,628. Combined garment and outfit for use with parachutes. Lemercier Andre (inventor). Issued 3-15-32.

1,849,648. Treatment of gases and the like. Urbain Edouard (inventor); Cie Des Produits Chimiques Et Charbons Actifs Ed Urbain (grantee). Issued 3-15-32.

1,849,742. Tripod mounting for firearms. Dugied Eugene Albert (inventor); S A Des Anciens Etablissements Hotchkiss & Cie (grantee). Issued 3-15-32.

1,849,767. Process of preparing molding sands for easily oxidizable metals such as magnesium. Michel Gilbert (inventor); Soc Le Magnesium Industriel (grantee). Issued 3-15-32.

1,849,802. Cock. Issued 3-15-32.

1,849,975. Grate for gas producers. Cousin Paul Achille Joseph (inventor); Etablissements Ernest Arnoult S A (grantee). Issued 3-15-32.

1,850,000. Distributing apparatus for conical corks. Dauteuil Edouard Fernand (inventor). Issued 3-15-32.

1,850,018. Molding machine. Leyondre Etieene (inventor). Issued 3-15-32.

1,850,259. Suspension arrangement for vehicles. Bugatti Ettore (inventor). Issued 3-22-32.

1,850,322. Liquid distributor. Gueux Joseph Jean Marie (inventor). Issued 3-22-32.

1,850,324. Phase meter for polyphase currents. Iliovici Avram David (inventor); Cie Pour La Fabrication Des Compteurs Et Material D Usines A Gaz (grantee). Issued 3-22-32.

1,850,641. Apparatus for taking cinematographic film views from variable positions. St Genies Anne Henri Jacques De Lassus. (inventor). Issued 3-22-32.

1,850,724. Device for braking airplanes upon landing. Messier George Louis Rene Jean (inventor). Issued 3-22-32.

1,850,775. Continuous hat beating machine. Scotti Orlando (inventor). Issued 3-22-32.

1,850,871. Automatic measuring device for gaseous mixture analysis. Follet Didier Rene Leopold (inventor); Soc L Air Liquide S A Pour L Etude L Exploitation Des Procedes Georges Claude (grantees). Issued 3-22-32.

1,850,876. Shock absorber for motor vehicles. Hezard Louis (inventor); Trescartes Leopold (grantee). 3-22-32.

1,850,887. Cover for travelers articles adapted to form a support. Laumonier Felix Albert (inventor); Cartier S A (grantee). Issued 3-22-32.

1,850,929. Process of engraving. Guerard Jules Robert (inventor). Issued 3-22-32.

1,851,193. Compressor. Laraque Roland (inventor). Issued 3-29-32.

1,851,199. Stand for lamps. Mayer Charles (inventor). Issued 3-29-32.

1,851,253. Treating albuminoid substances. Kahn Maurice (inventor); Soc Francaise Des Produits Alimentaires Azortes (grantee). Issued 3-29-32.

1,851,710. Reenforced concrete article. Lefevre Auguste Henri (inventor). Issued 3-29-32.

1,851,718. Speed governor. Merle Andre Noel (inventor); Pathe Cinema Anciens Etablissements Pathe Freres (grantee). Issued 3-29-32.

1,851,748. Method and apparatus for coding and decoding. Belin Edouard (inventor). Issued 3-29-32.

1,851,877. Machine for wrapping a band of material around an object. Thiry Oscar (inventor). Issued 3-29-32.

1,852,230. Landing gear. Breguet Louis (inventor); S A Des Ateliers D Aviation Louis Breguet (grantee). Issued 4-5-32.

1,852,735. Unidirectional drive. Chopin Alberic (inventor). Issued 4-5-32.

1,852,919. Self locking nut washer and the like. Colas Joseph Ernest (inventor). Issued 4-5-32.

1,852,951. Fuse of a specially responsive type for projectiles. Auriol Louis Paul Alfred (inventor); Soc Francaise Des Munitions De Chasse De Tir et De Guerre (grantee). Issued 4-5-32.

1,852,986. Two cycle motor. Tartrais Eugene Henri (inventor) Issued 4-5-32.

1,853,041. Device for connecting to weighing scales a calculating or like secondary apparatus. Cuenoud Fernard Eugene (inventor). Issued 4-12-32.

1,853,111. Multiple disconnectible clasp chiefly for necklaces and the like pieces of jewelry. Bienenfeld Jacques (inventor). Issued 4-12-32.

1,853,230. Clutch mechanism for motor vehicles. Saives Leon (inventor); Renault Louis (grantee). Issued 4-12-32.

1,853,630. Electric musical instrument. Martenot Maurice Louis Eugene (inventor). Issued 4-12-32.

1,853,763. Means for controlling the jigging action in jigs used in coal or ore washing. Demonceaux Pierre Alfred Henri (inventor); Preparation Industrielle Des Commustibles S A (grantee). Issued 4-12-32.

1,853,789. Rear seat windscreen. Viaudey Roger Paul Edouard (inventor). Issued 4-12-32.

1,853,802. Pistol for signaling purposes. D Hellencourt Charles Lefebvre (inventor); S A Des Etablissements Ruggieri (grantee). Issued 4-12-32.

1,853,807. Process for the manufacture of resinous soaps. Gillet Cyprien (inventor). Issued 4-12-32.

1,854,049. Electric controlling device. Liber Sosthene Henri (inventor). Issued 4-12-32.

1,854,054. Meter for measuring quantities of liquid. Monard Alfred (inventor); Ateliers De Constructions Mecaniques L Aster (grantee). Issued 4-12-32.

1,854,061. Method for decohering solid substances. Pigache Pierre Gustave Marie Adolphe (inventor). Issued 4-12-32.

1,854,105. Apparatus for the supply of liquids. Carbonaro Marius Clement (inventor); S A Pour Tous Appareillages Mecaniques (grantee). Issued 4-12-32.

1,854,112. Beet pulling and cutting apparatus. Cuvillier Francois (inventor). Issued 4-12-32.

1,854,118. Piston. Dreyfuss Achille (inventor). Issued 4-12-32.

1,854,271. Method of making pistons. Michel Gilbert (inventor) Issued 4-19-32.

1,854,330. Metallic construction of aircraft. Delage Gustave (inventor); S A Nieuport Astra (grantee). Issued 4-19-32.

1,854,333. Connection for feeding wattmetrical relays adapted to protect electric mains. Fallou Jean Gustave (inventor); Union D Electricite (grantee). Issued 4-19-32.

1,854,625. Pen support. Reix Jean (inventor). Issued 4-19-32.

1,854,637. Trough shaped belt conveyer. Wolf Christian (inventor); Preparation Industrielle Des Combustibles S A (grantee). Issued 4-19-32.

1,854,663. Dismountable toy furniture. Nebel Miguel Enrique (inventor). Issued 4-19-32.

1,854,669. Fuse more particularly for artillery and aircraft projectiles. Remondy Leon Emile (inventor). Issued 4-19-32.

1,854,682. Television device. Barthelemy Rene (inventor); Cie Pour La Fabrication Des Compteurs et Materiel D Usines A Gaz (grantee). Issued 4-19-32.

1,854,733. Radio beacon. De Bozas Guy Du Bourg (inventor). Issued 4-19-32.

1,854,787. Process for the manufacture of purified zinc sulphate solutions. Dutoit Paul (inventor); Soc Miniere & Metallurgique De Penarroya (grantee). Issued 4-19-32.

1,854,800. Sheath for more or less plastic sticks. Lowenfeld Henry (inventor). Issued 4-19-32.

1,854,852. Method for the construction and facing of roadways. Marguet Georges et al, La Veyssiere Marie Boyer (inventors). Issued 4-19-32.

1,854,885. Contact device for the supply of current. Chevrier Jules (inventor). Issued 4-19-32.

1,855,064. Elastic shock absorbing apparatus. Messier George Louis Rene Jean (inventor). Issued 4-19-32.

1,855,069. Mounting for mitrailleuses. Ricordel Auguste Louis (inventor); La Precision Moderne (grantee). Issued 4-19-32.

1,855,114. Apparatus for hydraulic massage. Pavlov Michel (inventor). Issued 4-19-32.

1,855,128. Focusing device for cinematographic view taking apparatus. Debrie Andre Leon Victor Clement (inventor). Issued 4-19-32.

1,855,137. Combination switch. Oblin Raymond (inventor); S A Des Nouvelles Inventions Mecanique et Electriques (grantee). Issued 4-19-32.

1,855,399. Powder container. Klotz Georges (inventor). Issued 4-26-32.

1,855,959. Automatic switch with membrane. Guinot Henry Raphael (inventor). Issued 4-26-36.

1,856,019. Compressor. Bernat Raoul (inventor). Issued 4-26-36.

1,856,102. Protective stocking. Lebeau Yves Gabrielle (inventor); Soc A Responsabilite Lte Chambet & Cie (grantee). Issued 5-3-32.

1,856,170. Rolling mill. Roux Jacques (inventor). Issued 5-3-32.

1,856,194. Process for the preparation of alumina. Seailles Jean Charles (inventor). Issued 5-3-32.

1,856,226. Multiple way valve. Rustin Louis Desire Auguste et al, Bolard Alfred Jean Gustave (inventors); Rusbol Soc A Responsabilite Lte (grantee). Issued 5-3-32.

1,856,278. Process and plant for the casting of rough plate glass. Despret Georges Paul (inventor); Cies Reunies Des Glaces & Verres Speciaux Du Nord De La France (grantee). Issued 5-3-32.

1,856,374. Method of tagging laces strings and the like. Chasselon Rene Louis (inventor). Issued 5-3-32.

1,856,376. Radio communication system. De Saivre Maurice (inventor). Issued 5-3-32.

1,856,534. Adjustable seat back. Boery Jean (inventor). Issued 5-3-32.

1,856,541. Moving picture machine. Decaux Rene (inventor); Soc Des Etablissements Gaumont (grantee). Issued 5-3-32.

1,856,575. Fire extinguisher. Martin Jean (inventor). Issued 5-3-32.

1,856,578. Aeroplane. Miquel Gabriel et al, Ladeveze Felix (inventors). Issued 5-3-32.

1,856,910. Process and device for transformation of electric currents. Dieux Jean (inventor). Issued 5-3-32.

1,857,062. Pressure indicating inflator. Mercier Louis Marcel (inventor). Issued 5-3-32.

1,857,080. Process for the manufacture of silica articles with glazed surface. Delpech Gaston (inventor); Soc Quartz & Silice (grantee). Issued 5-3-32.

1,857,117. Machine for placing bands on various articles. Diot Louis Edouard (inventor); S A Parfumerie Houbigant (grantee). Issued 5-3-32.

1,857,233. Apparatus for the manufacture of objects consisting of agglomerated substances by centrifugal force. Bertandeau Gaston (inventor); Soc Stac Nord (grantee). Issued 5-10-32.

1,857,261. Windscreen adjusting mechanism. Rodanet Charles Hilaire Henri (inventor); S A Etablissements Ed Jaeger (grantee). Issued 5-10-32.

1,857,386. Relay device for automatic control by the use of a fluid under pressure. Lanquetin Roger (inventor). Issued 5-10-32.

1,857,686. Device for automatically advancing perforating hammers by sliding on a support. Gouge Pierre (inventor); Soc Metallurgique de Normandie (grantee). Issued 5-10-32.

1,857,696. Door of road vehicles. Saives Leon (inventor); Renault Louis (grantee). Issued 5-10-32.

1,857,874. Apparatus for taking samples of liquids. Rousselet Rene (inventor); Cie Pour la Fabrication Des Compteurs et Materiel d Usines a Gaz (grantees). Issued 5-10-32.

1,857,945. Gun carriage. De Boigne Maurice (inventor); S A Des Anciens Etablissements Hotchkiss and Cie (grantees). Issued 5-10-32.

1,858,125. Galvanizing or electroplating process. Von Devecis Michael (inventor); Waldberg S A (grantee). Issued 5-10-32.

1,858,163. Closure. Mathieu De Boissac Henri Marie (inventor); Soc Pierre Remy and Cie (grantee). Issued 5-10-32.

1,858,187. Music leaf turner. Carregari Giuseppe (inventor). Issued 5-10-32.

1,858,362. Manufacture and extraction of nitrogenous products from products of animal origin. Kahn Maurice (inventor). Issued 5-17-32.

1,858,792. Film counter for cinematographic view taking apparatus. Merle Andre Noel (inventor); Pathe Cinema Anciens Etablissements Pathe Freres (grantee). Issued 5-17-32.

1,858,798. Connecting rod of engines with radially arranged cylinders. Barbarou Marius Jean Baptiste (inventor). Issued 5-17-32.

1,858,801. Extensible shutter. Bolard Edmond (inventor). Issued 5-17-32.

1,858,853. Combined mixing and vaporizing device. Defrance Abel et al, Versille Pierre (inventors). Issued 5-17-32.

1,858,924. Wing surface with automatically variable curvature. Gerin Jacques (inventor). Issued 5-17-32.

1,858,931. Method and apparatus for sounding and for locating submarine obstacles by means of ultra audible waves. Langevin Paul et al, Florisson Charles Louis (inventors); Soc de Condensation et d Applications mechaniques (grantee). Issued 5-17-32.

1,859,126. Cock. Boeuf Pierre Eugene (inventor). Issued 5-17-32.

1,859,244. Method for synthesizing and separating higher alcohols. Patart Georges (inventor). Issued 5-17-32.

1,859,343. Electric traction system. Rouge Raymond (inventor). Issued 5-24-32.

1,859,493. Electromagnetically controlled reversing gear. Bernady Raoul (inventor); Soc d Etudes et de Construction d Appareils de Telemecanique (grantees). Issued 5-24-32.

1,859,499. Ball mill. Deschamps Jules Jean (inventor); Soc Francaise de Constructions Mechaniques Anciens Etablissements Cail (grantee). Issued 5-24-32.

1,859,862. Process and apparatus for making sheet glass. Boudin Louis (inventor); S A Des Manufactures de Glaces & Produits Chimiques de Saint Gobain Chauny & Cirey (grantee). Issued 5-24-32.

1,860,010. Automatic change speed mechanism. Bourquin Edgard (inventor). Issued 5-24-32.

1,830,041. Gearing arrangement of mangling or wringing machines. Louchet Edmond (inventor); Soc Ateliers St Eloi (grantee). Issued 5-24-32.

1,860,254. Airplane. Latecoere Pierre (inventor). Issued 5-24-32.

1,860,261. Manicure set for ladies hand bags. Hirmann Salomon Robert (inventor). Issued 5-24-32.

1,860,282. Equilibrated turret for machine guns on board aeroplanes. Granat Elie (inventor); Cie Des Forges et Acieries de la Marine et d Homecourt (grantees). Issued 5-24-32.

1,860,328. Device for electrically lighting signals. Mercier Rene (inventor); Etablissements Aera (grantee). Issued 5-24-32.

1,860,579. Apparatus for tailoring garments. Heliot Maurice (inventor). Issued 5-31-32.
1,860,592. Device for tensioning crimp lace in the course of weaving. Perret Gaston (inventor). Issued 5-31-32.
1,860,596. Handgrip. Reinold Louis (inventor); Manufacture Metallugique de Tournus (grantee). Issued 5-31-32.
1,860,707. Rotary internal combustion engine. Ezbelent Georges Eugene (inventor). Issued 5-31-32.
1,860,770. Brake. Bugatti Ettore (inventor). Issued 5-31-32.
1,860,771. Vibration damper. Bugatti Ettore (inventor). Issued 5-31-32.
1,860,773. Case for inclosing an object such as a watch a lighter or otherwise. Egouvillon Robert Frederic et al, Lafon Jean Robert (inventors). Issued 5-31-32.
1,860,870. Sewing machine. Ollendorff Jacques (inventor); Anciens Etablissements R Cornelly & Co S A (grantee). Issued 5-31-32.
1,861,167. Bulb tube or other hermetically closed receptacle for incandescent electric lamps and similar devices and process of manufacture of the same. Vello Leopoldo Sanchez (inventor). Issued 5-31-32.
1,861,288. Thermostatic control. Weill Leon David (inventor). Issued 5-31-32.
1,861,316. Insulator. Montandon Arthur (inventor); Soc Generale d Enterprises au Maroc (grantee). Issued 5-31-32.
1,861,357. New process for extracting phenols from phenolic tar oils. Perilhou Etienne (inventor). Soc Huiles Goudrons & Derives (grantee). Issued 5-31-32.
1,861,677. Process for obtaining concentrated vitamin preparations. Agopian Levon Arakel (inventor). Issued 6-7-32.
1,861,680. Device for acoustically detecting and tracing aircraft. Bernard Henri Luglien et al, Marie Joseph, Marcelin Andre Jules (inventors). Issued 6-7-32.
1,861,690. Application of Diesel engines to the drive of locomotives. Fonty Henri (inventor). Issued 6-7-32.
1,861,884. Change speed device. Saives Leon (inventor); Renault Louis (grantee). Issued 6-7-32
1,861,927. Preparation of emulsions for sizing textile fibers. Lefranc Georges (inventor). Issued 6-7-32.
1,862,247. Parachute. Tricau Gabriel. Issued 6-7-32.
1,862,422. Arc lamp electrode. Oswald Marcel (inventor); Cie Lorraine De Charbons Pour L Electricite (grantees). Issued 6-7-32.
1,862,457. Device for sharpening the blades of safety razors. Barsch Wilhelm (inventor). Issued 6-7-32.
1,862,943. Suspension spring connection. Saives Leon (inventor); Renault Louis (grantee). Issued 6-14-32.
1,862,951. Clutch. Bignand Pierre (inventor); Soc Industrielle De Mechanique, Automobile Et De Radio Electricite (grantees). Issued 6-14-32.
1,862,962. Weaving apparatus. Lecocq Maurice Charles Henri Octave (inventor). Issued 6-14-32.
1,863,092. Device with retarded release. Altmayer Jean Andre, surnamed Altmayer Delaurelle (inventor). Issued 6-14-32.
1,863,105. Supporting device for vehicles. Garnier Abel Jean Marie (inventor); Vallet Arsene (grantee). Issued 6-14-32.
1,863,431. Device for sharpening the blades of safety razors. Barsch Wilhelm (inventor); Allegro Machine Co (grantee). Issued 6-14-32.
1,863,436. Iron clad elay magnet. De Paniague Ysabel Marie Louis (inventor). Issued 6-14-32.
1,863,555. Sheet metal radiator. Castiaux Rupert (inventor). Issued 6-21-32.
1,863,564. Method & apparatus for changing frequency for radiosignaling. Chretien Lucien (inventor). Issued 6-21-32.
1,863,688. Automatic signaling device for motor vehicles. Delmas Pierre (inventor). Issued 6-21-32.
1,863,693. Machine for bending metal tubes in the cold state. Mingori Cesar (inventor). Issued 6-21-32.
1,863,746. Portable metallic structure. Fillod Ferdinand (inventor). Issued 6-21-32.
1,864,016. Automatic signaling device operated by the oscillations of the rails. Gherassimoff Nicolas (inventor); Soc D Avertisseur Ferrovoie (grantee). Issued 6-21-32.
1,864,106. Loom for the manufacture of pile fabrics. Venail Paul (inventor); S A De Fabrication Des Tapis A Points Noues Saftan (grantees). Issued 6-21-32.
1,864,360. Plant for the manufacture of sheets of glass. Lemaire Jean Henri (inventor). Issued 6-21-32.
1,864,519. Apparatus for synchronous cinematographic projection and phonographic audition. Boularan Jacques Dabert et al, otherwise known as Jacques Deval, Digeon Pierre Armand (inventors). Issued 6-28-32.
1,865,064. Ionic relay system. Valensi Georges (inventor). Issued 6-28-32.
1,865,105. Fluid driving device for actuating mechanisms having an initial idle stroke. Houplain Georges (inventor); Soc Des Freins Houplain (grantee). Issued 6-28-32.
1,865,303. Production of nitrate of lime. Charrier Henri (inventor); S A Appareils Et Evaporateurs Kestner (grantees). Issued 6-28-32.
1,865,356. Slipping coupling more particularly for gun laying mechanism. Daum Leon (inventor); Schneider & Cie, Cie Des Forges Et Acieries De La Marine Et D Homecourt (grantees). Issued 6-28-32.
1,865,373. Apparatus for recording the direction and speed of fluid currents. Idrac Jean Marie Pierre (inventor). Issued 6-28-32.
1,865,428 Electric piano harp. Bethenod Joseph (inventor). Issued 7-5-32.
1,865,611. Rotary printing machine Bonsch Rodolphe F (inventor). Issued 7-5-32.
1,865,703. Process for the manufacture of pearl essence Paisseau Jean (inventor). Issued 7-5-32.
1,865,896. Method of rear suspension of motorcycles. Gillet Rene (inventor). Issued 7-5-32.
1,865,941. Rolling mill Michel Rene (inventor) Issued 7-5-32.
1,866,013. Trunk and wheel carrier. Coquille Emile Henri (inventor); S A Des Usines Chausson (grantee). Issued 7-5-32.
1,866,195 Radio valves employing gallium. Creuze Pierre (inventor); Soc D Etudes Scientifiques et Industrielles (grantee). Issued 7-5-32.
1,866,203. Agglomeration of finely divided ferruginous ores concentrates and the like. Folliet Alexandre et al, Sainderichin Nicolas (inventors). Issued 7-5-32.
1,866,217. Piston pump for medical purposes. Mayer Charles (inventor). Issued 7-5-32.
1,866,655. Filter for preventing distortion. Lebedinsky Myron (inventor); Soc Des Telephones Grammont (grantee). Issued 7-12-32.
1,866,675. Automatic machine for arc welding. Sarazin Robert (inventor). Issued 7-12-32.
1,866,873. Internal combustion engine. Barbarou Marius Jean Baptiste (inventor). Issued 7-12-32.
1,866,905. Pressure producing means. Prompt Lucien Louis Joseph (inventor). Issued 7-12-32.
1,866,951. Apparatus for the pnewtmatic separation of materials of different densities. Soulary Paul (inventor). Issued 7-12-32.
1,866,975. Process for the manufacture of magnesium. Jessup Alfred Claude (inventof). Issued 7-12-32.
1,867,019. Textile fabric and art of forming it. Meyer Aubrey E. (inventor). Issued 7-12-32.
1,867,163. Heat recuperation. Loebell Henry O (inventor); Chavanne J Louis (grantee). Issued 7-12-32.
1,867,182. Closure for collapsible tubes. Sicault Paul (inventor); S A Etablissements Tissier (grantee). Issued 7-12-32.
1,867,326. Apparatus for extracting fats at low temperature. Panski Adolphe (inventor). Issued 7-12-32.
1,867,423. Shield for batteries and their parts. Simsinovici Martin (inventor). Issued 7-12-32.
1,867,470. Compressor. Ponthieu Henri (inventor). Issued 7-12-32.
1,867,474. Stoker. Ratel Maurice (inventor). Issued 7-12-32.
1,867,882. Differential pulley. Gaillard Henri (inventor). Issued 7-19-32.
1,867,940. Apparatus and method of manufacturing sheet glass. Delloye Lucien (inventor); S A des Manufactures des Glaces & Produits Chimiques de Saint Gobain Chauny & Cirey (grantees). Issued 7-19-32.
1,868,007. Lock nut. Frelin Henri Joseph (inventor); S A L Ecrou Indesserable Rex (grantee). Issued 7-19-32.
1,868,047. Orienting and automatic stopping device for wind motors. Constantin Louis (inventor); Fortier Beaulieu Paul (grantee). Issued 7-19-32.
1,868,053. Process for preventing preignition in internal combustion engines. Ducamp Albert Jean (inventor). Issued 7-19-32.
1,868,057. Process for the manufacture of a plastic waterproofing medium made of calf's tallow or fat and lime. Fleisch Christian (inventor). Issued 7-19-32.
1,868,078. Braking device for cinematographic spools. Sainte Claire Deville Etienne (inventor); Soc des Etablissements Gaumont (grantee). Issued 7-19-32.
1,868,133. Liquid meter. Berthet Jean Louis et al, Michel Gaytan (inventors); Cie Pour la Fabrication des Compteurs et Material D Usines A Gaz S A Francaise (grantee). Issued 7-19-32.
1,868,151. Process for preparing solid or half solid solutions of alkaline hypochlorites. Shestakoff Peter (inventor). Issued 7-19-32.
1,868,154. Spinning machine twisting frame reeling on apparatus and like machine for winding threads and the like. Van Coppenolle Gaston (inventor). Issued 7-19-32.
1,868,199. Packing device. Pelterie Robert Esnault (inventor). Issued 7-19-32.
1,868,240. Process for the manufacture of cement. Lepine Veuve Georges Nee Marie Therese Josephine Roussel (inventor). Issued 7-19-32.
1,868,331. Motion picture apparatus. Merle Andre Noel (inventor); Pathe Cinema Anciens Etablissements Pathe Freres (grantees). Issued 7-19-32.
1,868,382. Automobile body. Coadou Marcel (inventor). Issued 7-19-32.
1,868,421. Mold for the manufacture of articles in silica glass and the like. La Burthe Pierre (inventor); Soc Quartz & Silice (grantee). Issued 7-19-32.
1,868,568. Movable platform for conveying goods chiefly in ship's holds. De Andia Yrarrazaval Jean Gonzalez (inventor). Issued 7-26-32.
1,868,575. Closing device for large openings which are essentially horizontal and are made water tight in all parts. Huguenin Albert (inventor). Issued 7-26-32.
1,868,683. Weighing device for use in traveling cranes. Armagnat Pierre Jules (inventor). Issued 7-26-32.
1,868,825. Conveyer Roll. Grosjean Andre (inventor). Issued 7-26-32.
1,868,848. Apparatus for delivering measured quantities of liquid. Porte Rene (inventor); Soc Hardoll Etablissements Hariveau Dolimier et Rene Porte & Cie Reunis (grantees). Issued 7-26-32.

1,868,909. Compact and vanity set. Maillard Joseph Eugene Baptiste (inventor). Issued 7-26-32.
1,868,937. Crank shaft bearing. Bugatti Ettore (inventor). Issued 7-26-32.
1,869,247. Vessel adapted for use as landing place for air lines crossing the sea. Lucas Girardville Paul Nicolas (inventor). Issued 7-26-32.
1,869,263. Brace for personal wear. Laurain Alfred (inventor). Issued 7-26-32.
1,869,303. Process and apparatus for the manufacture of rods or tubes or glass or other materials. Cardot Jean Alexandre inventor); S A Le Pyrex (grantee). Issued 7-26-32.
1,869,666. Triangle 2 cyclopenten barbituric acids. Chaux Rene et al, Dufraisse Charles (inventors); Cie de Bethune (grantee). Issued 8-2-32.
1,869,953. Measuring and feeding device for liquids. Carbonaro Mario Clement (inventor); S A Pour Tous Appareillages Mecaniques (grantees). Issued 8-2-32.
1,870,140. Apparatus for detecting and measuring vibrations. Piette Pierre Felix Edouard (inventor). Issued 8-2-32.
1,870,324. Mute for stringed musical instruments. Y Clavero Manuel Sarrablo (inventor). Issued 8-9-32.
1,870,370. Automatically supplied mold with controlled release for the production of ice blocks. Marchaut Pierre Jean (inventor). Issued 8-9-32.
1,870,406. Molding machine for the production of a continuous ingot. Douteur Mathieu (inventor). Issued 8-9-32.
1,870,486. Apparatus for the prevention of fire by back firing in internal combustion engines and for preventing the obstruction of the suction conduits by frost. Bichler Charles Henri (inventor). Issued 8-9-32.
1,870,578. Carburetor for internal combustion engines. Lemoine Paul Louis (inventor). Issued 8-9-32.
1,870,617. Plaiting machine. Ezbelent Georges et al, Ezbelent Roger (inventors); Ezbelent Fils (grantee). Issued 8-9-32.
1,870,665. Device for producing exothermic reactions between gases by contact with a solid catalyzer. Audibert Etienne (inventor); Soc Nationale de Recherches Sur le Traitement des Combustibles (grantees). Issued 8-9-32.
1,870,817. Manufacture of knives Maag Max et al, Salomon Robert (inventors); Soc D Etudes de Machines A Affuter (grantee). Issued 8-9-32.
1,870,818. Grinding machine. Maag Max et al, Salomon Robert (inventors); Soc D Etudes de Machines A Affuter (grantee). Issued 8-9-32.
1,870,819. Cutting blade. Maag Max et al, Salomon Robert (inventors); Soc D Etudes de Machines A Affuter (grantee). Issued 8-9-32.
1,870,831. Luminescent discharge device. Brettmon Jacques (inventor). Issued 8-9-32.
1,870,941. Sheath crayon holder. Barendse Simon et al. Gareau Louis (inventors). Issued 8-9-32.
1,871,034. Submarine water duct. Boucherot Paul, Claude Georges (inventors). Issued 8-9-32.
1,871,099. Needle holding handle. Vitoux Marcel (inventor). Issued 8-9-32.
1,871,180. Trailing carriage for motor car trailers. Kegresse Adolphe (inventor). Issued 8-9-32.
1,871,335. Stopping device for cinematographic apparatus. Merle Andre Noel (inventor); Pathe Cinema Anciens Etablissements, Pathe Freres (grantee). Issued 8-9-32.
1,871,609. Circular knitting machine. Harer Auguste (inventor). Issued 8-16-32.
1,871,960. Electromagnetic clutch. Cotal Jean (inventor); Soc de Exploitation des Brevets Cotal (grantee). Issued 8-16-32.
1,873,116. Jack attached to the axles of vehicles. Dessaint Georges (inventor). Issued 8-23-32.
1,873,216. Amusement apparatus. Rapein Robert (inventor); Soc a Responsabilite Limitee Consortium General de l Industrie Foraine (grantee). Issued 8-23-32.
1,873,285. Hat shaping machine. Casse Marcel (inventor). Issued 8-23-32.
1,873,463. Device for reducing the tension of the film in cinematographic apparatus. Oehmichen Etienne (inventor). Issued 8-23-32.
1,873,712. Lifting apparatus. Lemaire Maurice Henri et al, Guilbert Louis Paul (inventors). Issued 8-23-32.
1,873,734. Apparatus for the fractionation of heavy oils. Barbet Emile Augustin (inventor). Issued 8-23-32.
1,873,742. Device for controlling the soft focus device in kinematographic view taking apparatus. Debrie Andre Leon Victor Clement (inventor). Issued 8-23-32.
1,873,774. Process of producing antimony oxides. Listrat Jean Joseph (inventor). Issued 8-23-32.
1,873,788. Machine for working glass. Roirant Emile (inventor); S A D Etudes et de Constructions d Appareils Mecaniques Pour la Verrerie (grantees). Issued 8-23-32.
1,873,826. Apparatus for the electrolytic deposition of metals. Devecis Michael (inventor); S A Waldberg (grantee). Issued 8-23-32.
1,874,034. Shock absorbing suspension. Dubonnet Andre (inventor). Issued 8-30-32.
1,874,106. Apparatus for the automatic emptying of receptacles containing a liquid at a given temperature. Labbe Henri Eugene Leon (inventor). Issued 8-30-32.
1,874,308. Rotary motor. Kolko Aron (inventor). Issued 8-30-32.
1,874,430. Synchronized remote control system. Blondel Andre (inventor). Issued 8-30-32.
1,874,784. Carburetor. Mennesson Marcel (inventor); S A Solex (grantee). Issued 8-30-32.
1,874,809. System of lubrication for vehicles. Saives Leon (inventor); Renault Louis (grantee). Issued 8-30-32.
1,874,810. Electrically controlled milling machine for metal. Saives Leon (inventor); Renault Louis (grantee) Issued 8-30-32.
1,874,917. Aparatus for producing dental anaesthesia. Dannequin Charles Henri (inventor). Issued 8-30-32.
1,875,253. Process for preparing nitrogen carbonic oxide and hydrogen. Minotte Maurice Eugene Henri (inventor); Cie de Bethune (grantee). Issued 8-30-32.
1,875,572. Powder box. Dmiternko Pierre (inventor). Issued 9-6-32.
1,875,629. Propulsion of ships. Marconnet Georges (inventor) (Issued 9-6-32
1,875,712 Molding apparatus Duval Maurice (inventor). Issued 9-6-32.
1,875,855. Knitting machine. Coudert Jean Gedeon Marie et al, Terme Jean Baptiste (inventors). Issued 9-6-32.
1,875,972. Maintenance of the pressure in vacuum tubes. Abadie Jean Baptiste Joseph Marcel (inventor). Issued 9-6-32.
1,875,983. Means for actuating a water flushing device. Bourdet Amedee Lucien Roger (inventor). Issued 9-6-32.
1,875,989. Brake system. Charles Maurice (inventor). Issued 9-6-32.
1,876,058. Electric flash light. Kayser Daniel Paul Albert Andre (inventor). Issued 9-6-32.
1,876,741. Machine for continuous printing from tracings and the like. Petit Louis (inventor). Issued 9-13-32.
1,877,244. Window assembly. Klein Georges (inventor). Issued 9-13-32.
1,877,252. Atomizer. Patou Jean (inventor). Issued 9-13-32.
1,877,370. Method of making loosening stretchers for cables rods and the like. Streit Albert Paul (inventor). Issued 9-13-32.
1,877,409. Frequency changer. Levy Lucien (inventor). Issued 9-13-32.
1,877,656. Amusement device. Giraud Andre Jules Achille (inventor). Issued 9-13-32.
1,877,725. Device for projecting color and monochrome films. Herault Albert (inventor). Issued 9-13-32.
1,877,824. Machine for sewing velvet on to fabrics of any kind. Delplanque Ferdinand (inventor). Issued 9-20-32.
1,878,167. Lubricating pump. Muller Jacques (inventor). Issued 9-20-32.
1,878,375. Power transmission for motor road vehicles and the like. Cache Edmond Louis (inventor), Issued 9-20-32.
1,878,381. Cinematograph. Continsouza Victor et al, Combes Maurice Baptiste (inventors). Issued 9-20-32.
1,878,392. Glass working furnace. George Henri (inventor). Issued 9-20-32.
1,878,418. Air speed switch. Maulde Pierre (inventor). Issued 9-20-32.
1,878,581. Retort with revolving hearth. Ab der Halden Charles (inventor); Soc Pour l Exploitation des Procedes Ab der Halden (grantee). Issued 9-20-32.
1,878,790. Electric flexible conductor. Lund Einar (inventor); Soc des Electrodes de la Savoie (grantee). Issued 9-20-32.
1,879,048. Vehicle suspension spring. Beurdeley Andre (inventor). Issued 9-27-32.
1,879,203. Plant for loading and unloading wagons. Guilbert Paul et al, Legrand Jules (inventors). Issued 9-27-32.
1,879,467. Building structure. Pierres Rene Eugene Marie (inventor). Issued 9-27-32.
1,879,536. Carburetor. Schneebeli Hugo (inventor). Issued 9-27-32.
1,879,705. Antiaircraft gun. Methlin Nicolas Emilien (inventor); Schneider and Cie (grantee). Issued 9-27-32.
1,879,735. Apparatus for submarine explorations at great depths D Albay Jacques Tournadour (inventor). Issued 9-27-32.
1,879,844. Cinematographic view taking apparatus. Debrie Andre Leon Victor Clement (inventor). Issued 9-27-32.
1,879,897. Grinding and mixing apparatus. Gernelle Danloy Joseph Emile (inventor). Issued 9-27-32.
1,880,331 Portable spraying apparatus. Rapp Pierre Frederic Jules (inventor). Issued 10-4-32.
1,880,333. Process and apparatus for producing photochemical radiations. Spindler Henry (inventor). Issued 10-4-32.
1,880,388. Electrical commutator machine. Guerin Gerard (inventor). Issued 10-4-32.
1,880,612. Apparatus for shaping the mill stones for rectifying gear teeth. Voignier Gustave Ernest (inventor). Issued 10-4-32.
1,880,986. Change speed gear box. Schaeffer Charles (inventor); S A Des Anciens Etablissements Panhard and Levassor (grantees). Issued 10-4-32.
1,881,013. Pulverizing apparatus. Woodeson William Armstrong (inventor); S A Fours and Appareils Stein (grantees). Issued 10-4-32.
1,881,155. Shock and vibration absorbing and damping device. Weydert Hubert Jules (inventor). Issued 10-4-32.
1,881,207. Magnetic compass compensating device. Martin Georges Louis Jules (inventor); Etablissements Aera (grantee). Issued 10-4-32.
1,881,252. Ring type spinning machine. Nau Touron Albert (inventor). Issued 10-4-32.
1,881,289. Automatic liquid measuring and delivering apparatus. Panier Antoine Ernest (inventor); S A De Machines Outils Et Appareils Divers la Samoa (grantee). Issued 10-4-32.
1,881,296. Metal built aircraft. Potez Henry Charles Alexandre (inventor). Issued 10-4-32.

1,881,352. Door and passage of cinematographic apparatus. Couade Maurice (inventor). Issued 10-4-32.
1,881,938. Automatic apparatus for shop windows. Prodhomme Felix Joseph Marie (inventor). Issued 10-11-32.
1,882,112. Manufacture of proteolytic enzymes by means of microorganisms. Boidin Albert Rene et al, Effront Ivan Auguste (inventors). Issued 10-11-32.
1,882,532. Hydroelectric plant. Vacquier Gaston Henri et al, Entraygue Victor Leon (inventors). Issued 10-11-32.
1,883,463. Liquid fuel engine. Bagnulo Alberto (inventor). Issued 10-18-32.
1,883,530. Tightening device. Buisset Andre Paul (inventor). Issued 10-18-32.
1,883,711. Variable speed transmitter for distant control devices. Granat Elie (inventor); Cie Des Forges Et Acieries De La Marine Et D Homecourt (grantees). Issued 10-18-32.
1,883,762. Apparatus for measuring and feeding liquids. Carbonaro Mario (inventor); Soc Hardoll Etablissements Hariveau Et Dolimier Et Rene Porte Et Cie Reunis (grantee). Issued 10-18-32.
1,883,783. Relay for distant control. Granat Elie (inventor); Cie Des Forges Et Acieries De La Marine Et D Homecourt (grantee). Issued 10-18-32.
1,883,804. Fastening device more especially for Hoods. Marque Leon (inventor); Masguer Louis (grantee). Issued 10-18-32.
1,883,809. Carburetor. Mennesson Marcel. (inventor); S A Solex (grantee). Issued 10-18-32.
1,884,381. Card. Thibeau Antoine (inventor). Issued 10-25-32.
1,884,983. Mechanism for fluid distribution systems. Piantin Bernard L P (inventor); Soc Hardoll Anciens Etablissements Hariveau & Dolimier Et Rene Porte & Cie Reunis A French Soc (grantee). Issued 10-25-32.
1,885,189. Circuit protecting device. Dubusc Roger et al, Iliovici Avram David (inventors); Cie Pour La Fabrication Des Compteurs Et Materiel D Usines A Gaz (grantee). Issued 11-1-32.
1,885,406. Manufacture of hollow bodies. Bechereau Louis (inventor); S A Avions Kellner Bechereau (grantee). Issued 11-1-32.
1,885,447. Process for the preparation of a Chloro Phosphate of lead. Jolibois Pierre et al, Chaudron Georges (inventors). Issued 11-1-32.
1,885,479. Device for automatically rewinding clocks or other mechanisms by the variations of the atmospheric temperature. Reutter Jean Leon (inventor). Issued 11-1-32.
1,885,481. Filing device for phonograph disks. Roussel Jules Paul Antoine (inventor). Issued 11-1-32.
1,885,491. Automatic telephone system. Tchoubritch Michel (inventor); Soc Nouvelle De Constructions Telephoniques (grantees). Issued 11-1-32.
1,885,563. Process of utilizing ivory scrap. Bormans Emile (inventor); Touranchet Georges (grantee). Issued 11-1-32.
1,885,640. Turbine wheel propeller & motor. Strandgren Carl Bruno (inventor). Issued 11-1-32.
1,885,652. Method & Apparatus for taking soundings. Touly Marcel L (inventor); Soc De Condensation Et D Applications Mechaniques (grantee). Issued 11-1-32.
1,885,683. Brake wheel for airplanes. Charles Maurice (inventor). Issued 11-1-32.
1,885,790. Chuck. Amyot Pierre Ulyse Jean (inventor); Les Fils De Virgile Amyot (grantee). Issued 11-1-32.
1,885,796. Valve operating mechanism. Boulet Georges (inventor). Issued 11-1-32.
1,885,966. Automatic rotary machine heating by induction. Viry Pierre (inventor). Issued 11-1-32.
1,885,989. Device reproducing the sounds recorded on a talking cinematographic film. Charlin Andre Marie Bernard et al, Toulon Pierre Marie Gabriel (inventors). Issued 11-1-32.
1,885,994. Talking machine. Dieux Jean (inventor). Issued 11-1-32.
1,886,109. Multiple ash tray composed of nested elements. Lenfant Louis (inventor); Cartier S A (grantee). Issued 11-1-32.
1,886,204. Prism carrier for cameras and the like optic apparatus. Lemaire Louis Paul (inventor). Issued 11-1-32.
1,886,412. Dyeing and printing process. Gaudit Jules Martin Dit (inventor). Issued 11-8-32.
1,886,646. Carburetor. Claudel Charles Henri (inventor); S A La Cooperation Agricole and Industrielle (grantee). Issued 11-8-32.
1,886,693. Means for coupling two vehicles. Kegresse Adolphe (inventor). Issued 11-8-32.
1,886,712. Suspension apparatus for aeroplanes and other vehicles. Messier George Louis Rene Jean (inventor). Issued 11-8-32.
1,886,756. Switch. Suder Georges (inventor); Issued 11-8-32.
1,886,940. Nonwarping chassis for automobile vehicles and the like. Causan Nemorin Laurent (inventor). Issued 11-8-32.
1,887,084. Water level expansion regulator for use in connection with boilers or the like Ehlinger Marcel (inventor); Soc Alsacienne De Constructions Mechaniques (grantee). Issued 11-8-32.
1,887,103. Means for attaching lenses to cameras. Merle Andre Noel (inventor); Pathe Cinema Anciens Etablissements Pathe Freres (grantee). Issued 11-8-32.
1,887,293. Valve cap for pneumatic tires. Dunois Charles (inventor). Issued 11-8-32.
1,887,607. Speed reducing or increasing device for internal combustion engines. Waseige Charles Raymond (inventor); Farman Henri et Maurice (grantee). Issued 11-15-32.
1,887,697. Arrangement of auxiliary brushes for road sweeping machines. Perony Jean Albert (inventor); Soc D Outillage Mecanique et D Usinage D Artillerie (grantee). Issued 11-15-32.
1,887,779. Heating apparatus with heat storage body. Nitesco Marcel (inventor); Lagarrigue Jean (grantee). Issued 11-15-32.
1,887,795. Carburetor. Bariquand Georges (inventor). Issued 11-15-32.
1,887,802. Wind motor. Constantin Louis et al, Fortier Beaulieu Paul (inventors). Issued 11-15-32.
1,887,814. Hollow panel. Le Gall Jean (inventor). Issued 11-15-32.
1,888,287. Ferro concrete railway sleeper. Prot Etienne Marcel (inventor); Soc A Responsabilite Limitee Dite la Voie Ferree Moderne (grantee). Issued 11-22-32.
1,888,393. Process for pushing glass bottles. Roirant Emile (inventor); S A D Etudes et de Constructions D Appareils Mecaniques Pour la Verrerie (grantee). Issued 11-22-32.
1,888,536. Radio receiving system. Levy Lucien (inventor). Issued 11-22-32.
1,888,937. Metallic flooring and method of laying the same. Salves Leon (inventor); Renault Louis (grantee). Issued 11-22-32.
1,888,981. Compressor for internal combustion engines. Dugelay Paul (inventor); Soc D Exploitation de Brevets Pour L Industrie L Aviation et L Automobile S E B I A (grantee). Issued 11-29-32.
1,889,058. Flexible body construction. Daste Marius Joseph (inventor). Issued 11-29-32.
1,889,289. Stretching device particularly applicable to thin phonographic disks. Penteado Armando Alvares (inventor). Issued 11-29-32.
1,889,299. Pulverized fuel distributing system. Stein Charles M (inventor); S A des Appareils de Manutention et Fours Stein (grantee). Issued 11-29-32.
1,889,345. Massaging device. Blondin Michel Charles (inventor). Issued 11-29-32.
1,889,465. Device for the automatic stop of the film in a cinematograph. Couade Maurice (inventor). Issued 11-29-32.
1,889,483. Method for extinguishing chimney fires. Le Gouz Benigne Pierre Marie (inventor) Issued 11-29-32.
1,889,504. Gasoline distributing apparatus. Tribout Adrien Marcel Lucien (inventor); Soc D Etude des Distributeurs Automatiques S E D A (grantee). Issued 11-29-32.
1,889,508. Pump or compressor. Zens Pierre (inventor). Issued 11-29-32.
1,889,575. Method and apparatus for reading books and the like. Sebille Georges (inventor). Issued 11-29-32.
1,889,674. Truss. Lemarinier Georges (inventor). Issued 11-29-32.
1,889,687. Carburetor. Mennesson Marcel (inventor); S A Solex (grantee). Issued 11-29-32.
1,889,696. Projector. Pierron Jacques (inventor) Issued 11-29-32.
1,889,817. Rotary refrigerating machine. Audiffren Marcel Singrun Albert et al (inventors). Issued 12-6-32.
1,889,832. Safety device for use with earthing circuits in alternating current systems. Hamm Eugene (inventor). Issued 12-6-32.
1,889,876. Apparatus for indicating the mean speed of a vehicle. Pellerin Eric, Hector Marcel, Carpenter Pascal Jules et al (inventors). Issued 12-6-32.
1,889,893. Gauge recording device for wire drawing machine. Gurne Jean (inventor). Issued 12-6-32.
1,890,068. Lip stick eyebrow pencil and the like. Schall Jacques (inventor). Issued 12-6-32.
1,890,363. Automatic aerodynamic stabilizer for airplanes. Bemberg Otto Eduardo (inventor). Issued 12-6-32.
1,890,446. Servo brake. Athimon Francis (inventor). Issued 12-13-32.
1,890,484. Electric Plug. Allenic Paul (inventor) Issued 12-13-32.
1,890,501. Convertible vehicle body. Di Bitetto Carlo Cito Filomarino (inventor). Issued 12-13-32.
1,890,517. Fire extinguisher. Laengel Henri Charles (inventor); S A Assuro (grantee). Issued 12-13-32.
1,890,522. Container for pulverulent or granulated substances. Maillard Joseph Eugene Baptiste (inventor). Issued 12-13-32.
1,890,575. Feed water regulator for boilers and the like. Ehlinger Marcel (inventor); Soc Alsacienne de Constructions Mecaniques (grantee). Issued 12-13-32.
1,890,747. Method of making hollow metallic air screws. Pillard Marcel (inventor); L Helice Metallique Brevets Paulhan Pillard S A (grantee). Issued 12-13-32.
1,890,775. Instantaneous selective protective arrangement for direct current net works. Fournier Aime Barthelemy (inventor); Union D Electricite (grantee). Issued 12-13-32.
1,891,243. Container for shaving soap. Roura Octave Gonzales (inventor). Issued 12-20-32.
1,891,344. Hat press. Casse Marcel (inventor). Issued 12-20-32.
1,891,576. Reverse gear for cycles. Poirier Georges (inventor). Issued 12-20-32.
1,891,610. Wearing apparel. Schiaparelli Elsa (inventor). Issued 12-20-32.
1,891,681. Framework for the wings of aeroplanes and for other objects. Messier George Louis Rene Jean (inventor). Issued 12-20-32.

1,891,699. Automatic machine heating by induction. Viry Pierre (inventor). Issued 12-20-32.
1,891,705. Heat exchanger. Delas Francois Xavier Joseph Albert (inventor). Issued 12-20-32.
1,891,706. Leakless joint for rotating shafts. De Ram Georges Henri Ernest (inventor). Issued 12-20-32.
1,891,828. Hydraulically propelled lifeboat. Motte Charles Marius (inventor). Issued 12-20-32.
1,891,879. Heater suitable for gaseous fluids. Folliet Alexandre, Saindrichin Nicolas et al (inventors). Issued 12-20-32.
1,892,040. Internal combustion engine. De Malvin de Montazet et al, Marie Joseph Antoine, Johanson Ivar (inventors). Issued 12-27-32.
1,892,076. Process relating to baking and dough making. Rabinowitsch Efraim (inventor); Rivoche Eugen (grantee). Issued 12-27-32.
1,892,089. Lubricating device for internal combustion engines. Waseige Charles Raymond (inventor); Farman Henri et Maurice (grantee). Issued 12-27-32.
1,892,270. Variable speed gearing. Granier Leon Frederic (inventor). Issued 12-27-32.
1,892,322. Device playing records with a constant linear speed. Martin Georges Saint (inventor). Issued 12-27-32.
1,892,341. Manufacture of potassium salts from potassium chloride. Hackspill Louis et al., Claude Dominique, Andres Louis Emile, Rollett Pierre Alexandre Antoine (inventors). Issued 12-27-32.
1,892,383. High frequency signaling. Chireix Henri (inventor); Soc Francaise Radio Electrique (grantee). Issued 12-27-32.
1,892,458. Process and apparatus for the manufacture of glass. Do Huu Chan Andre (inventor); S A des Manufactures des Glaces and Produits Chimiques de Saint Gobain Chauny and Cirey (grantees). Issued 12-27-32.
1,892,462. Control of heat conditions in glass furnaces. Gentil Eugene (inventor). Issued 12-27-32.
1,892,465. Protecting device for ball bearings. Kegresse Adolphe (inventor). Issued 12-27-32.
1,892,473. Device for the periodic distribution of a liquid substance on a plane surface cinematographic films or others. Rodde Armand (inventor). Issued 12-27-32.
1,892,834. Flying shears. Grosbost Alphonse (inventor); Soc d Etudes & de Constructions Metallurgiques (grantee). Issued 1-3-33.
1,892,966. Braking device. Rouanet Louis (inventor); Menard Hubert (grantee). Issued 1-3-33.
1,893,089. Buoy for saving the occupants and the material of submarine boats. Klopotowski Lucien (inventor). Issued 1-3-33.
1,893,129. Airplane constituted by a three element wing. Charpentier Jean Frederic Georges Marie Leon (inventor). Issued 1-3-33.
1,893,192. Packing joint for water cooled internal combustion engines. Barbarou Marius Jean Baptiste (inventor). Issued 3-3-33.
1,893,395. Device for stabilizing and controlling aircraft provided with rotatable wings of the helicopter type. Breguet Louis (inventor). Issued 1-3-33.
1,893,448. Wadding. Schmidt, Jean (inventor). Issued 1-3-33.
1,893,457. Spraying and injecting device for internal combustion engines employing liquid fuel. Tartrais Eugene Henri (inventor). Issued 1-3-33.
1,893,644. Progressive clutch control for automatic gear shifting systems. Fleischel Gaston (inventor). Issued 1-10-33.
1,893,779. Superheterodyne receiving system. Levy Lucien (inventor). Issued 1-10-33.
1,893,913. Process and appartus for the roasting of calcination of pulverulent matters. Saint Jacques Eugene Camille (inventor). Issued 1-10-33.
1,894,029. Device for the transformation of electric currents. Dieux Jean (inventor). Issued 1-10-33.
1,894,064. Tap. Schubenel Robert Xavier (inventor). Issued 1-10-33.
1,894,180. Separation of Gaseous mixtures by liquefaction. Lantz Henri (inventor); L Air Liquide S A Pour L Etude & L Exploitation des Procedes Georges Claude (grantee). Issued 1-10-33.
1,894,264. Apparatus for printing synthetic films. Chretien Henri (inventor). Issued 1-17-33.
1,894,265. Apparatus for printing synthetic anamorphosed films. Chretien Henri (inventor). Issued 1-17-33.
1,894,366. Pressure gauge automatically correcting the temperature. Cantacuzene Servan Georges (inventor). Issued 1-17-33.
1,894,701. Compressor. Paul Rene (inventor). Issued 1-17-33.
1,894,702. Process for preparing transparent phenol formaldehyde resins. Pechin Germaine nee Lacroux (inventor). Issued 1-17-33.
1,894,788. Aiming apparatus for antiaircraft fire. Riberolles Rene (inventor). Issued 1-17-33.
1,894,853. Apparatus for the drawing of tubular articles. Delpech Gaston (inventor); Soc Quartz and Silice (grantee). Issued 1-17-33.
1,895,024. Wheel support. Coquille Emile Henri (inventor); S A des Usines Chausson Asnieres (grantee). Issued 1-24-33.
1,895,026. Film feeding device in cinematographic view taking apparatus. Debrie Andre Leon Victor Clement (inventor). Issued 1-24-33.
1,895,096. Electrical machine. Doloukhanoff Michel (inventor). Issued 1-24-33.
1,895,279. Multiple carburetor. Constensoux Robert (inventor); Bariquand Georges (grantee). Issued 1-24-33.
1,895,347. Device for producing a movement following a logarithmic law. Salomon Francois Marie Michel et al, Bernard, Govare Harry Paul (inventors). Issued 1-24-33.
1,895,381. Device for feeding explosion engines having an over high pressure of compression. Genety Louis Marie Francois (inventor). Issued 1-24-33.
1,895,470. Carburetor. Mathieu Eugene (inventor). Issued 1-31-33.
1,895,471. Carburetor. Mathieu Eugene (inventor). Issued 1-31-33.
1,895,547. Apparatus for annealing glass. Lebel Henry (inventor); S A des Manufactures des Glaces & Produits Chimiques de Saint Gobain Chauny & Cirey (grantee). Issued 1-31-33.
1,895,784. Index card. Chauvin Andre Antoine (inventor). Issued 1-31-33.
1,895,785. Carburetor. Claudel Charles Henri (inventor); S A la Cooperation Agricole & Industrielle (grantee). Issued 1-31-33.
1,895,851. Internal combustion engine. Jannin Marcel (inventor). Issued 1-31-33.
1,895,874. Driving arrangement for aircraft propellers. Barbarou Marius Jean Baptiste (inventor). Issued 1-31-33.
1,895,980. Safety razor. Dupeyron Auguste (inventor). Issued 1-31-33.
1,895,995. Machine for drawing threads from fabrics. Jalbert Georges (inventor); Anciens Etablissements R Cornely & Cie S A (grantee). Issued 1-31-33.
1,896,003. Gold alloy. Lenfant Louis (inventor); Cartier S A (grantee). Issue 1-31-33.
1,896,039. Process for the manufacture of cellulose butyric esters. Gault Henry et al, Angla Bernard Marius Robert (inventors); Soc des Usines Chimiques Rhone Poulenc (grantee). Issued 1-31-33.
1,896,100. Manufacture of anhydrous formic acid. Ricard Eloi et al, Guinot Henri Martin (inventors). S A des Distilleries des Deux Sevres (grantee). Issued 2-7-33.
1,896,353. Washable printed leather. Friedman Charles S (inventor); Soc Anciens Etablissements a Combe and Fils and Cie (grantee). Issued 2-7-33.
1,896,584. Trailer vehicle. Jacquet Felicien (inventor). Issued 2-7-33.
1,896,743. Amplifier. Dieux Jean (inventor). Issued 2-7-33.
1,896,753. Saccharification of wood and other cellulosic materials. Ricard Eloi et al, Guinot Henri Martin (inventors); S A des Distilleries des Deux Sevres (grantee). Issued 2-7-33.
1,896,786. Gasoline atomizer for internal combustion engines. Oppenheim Rene (inventor); S A le Carbone (grantee). Issued 2-7-33.
1,896,810. Reenforced and anchored masonry structure. Coyne Andre (inventor). Issued 2-7-33.
1,896,824. Apparatus for molding. Mahieu Paul (inventor). Issued 2-7-33.
1,896,905. Automatic signaling device for motor vehicles. Lecoile Fernand Henri Albert (inventor). Issued 2-7-33.
1,896,911. Wheeled gun carriage adapted to be transformed rapidly into a gun carriage for firing upon aircraft. Methlin Nicolas Emilien (inventor); Schneider and Cie (grantee). Issued 2-7-33.
1,896,943. Selective circuit protecting device. Dubusc Roger et al, Iliovici Avram David (inventors); Cie Pour la Fabrication des Compteurs et Materiel d Usines a Gaz (grantee). Issued 2-7-33.
1,897,113. Radiator. Doucet Edmond Gabriel (inventor). Issued 2-14-33.
1,897,268. Finder for cameras provided with objectives of different foci. Merle Andre Noel (inventor); Pathe Cinema Anciennes Etablissements Pathe Freres (grantee). Issued 2-14-33.
1,897,452. Machine for operating relooping tools. Vitoux Marcel (inventor). Issued 2-14-33.
1,897,674. Direct acting internal combustion air compressor. Pescara Raul Pateras (inventor). Issued 2-14-33.
1,897,693. Ship s scuttle. Ducroux Rene (inventor). Issued 2-14-33.
1,897,752. Anamorphoser apparatus for cinematography in colors and in relief. Chretien Georges (inventor); Soc Technique d Optique et de Photographie S T O P (grantee). Issued 2-14-33.
1,897,881. Process for the simultaneous manufacture of iron or its carbide compounds and of Portland cement or hydraulic limes. Basset Lucien Paul (inventor). Issued 2-14-33.
1,898,091. System of acoustic signaling. Loth William Arthur (inventor); Soc Industrielle des Procedes W A Loth (grantee). Issued 2-21-33.
1,898,235. Repairing element for vulcanizers. Binay Robert Henri Marie Louis (inventor); Office General des Specialites Automobiles la Garenne Columbes (grantee). Issued 2-21-33.
1,898,410. Vacuum cleaner. Wales Nathaniel Brackett (inventor). Issued 2-21-33.
1,898,729. Device for the cooling of compressors with pistons. Huguenin Albert (inventor). Issued 2-21-33.
1,898,891. Liquid measuring device. Porte Rene (inventor); Soc Hardoll Etablissements Hariveau and Dolimier et Rene Porte & Cie Reunis (grantee). Issued 2-21-33.
1,899,190. Permanent hair waving or curling device. Fogelin Carl Oscar Victor (inventor). Issued 2-28-33.
1,899,313. Button fastening. Coquette Andre (inventor). Issued 2-28-33.

1,899,452. Process for the protection and authentification of articles. Bayle Edmond et al, George Henri, Mache Augustin (inventors). Issued 2-28-33.
1,899,557. Shaving soap case. Charlot Rene Jean Gabriel (inventor); Gibbs Thibaud & Cie (grantee). Issued 2-28-33.
1,899,622. Frequency changer. Levy Lucien (inventor). Issued 2-28-33.
1,899,794. Dust separator. Coupard Christian (inventor). Issued 2-28-33.
1,899,829. Automatic machine with magnetic plates for regulating arcs. Sarazin Robert (inventor). Issued 2-28-33.
1,899,838. Knitting machine. Vollenweider Georges (inventor). Issued 2-28-33.
1,899,857. Movable top panel for vehicles. Dubos Jean Louis (inventor). Issued 2-28-33.
1,899,874. System for continuously cleaning the ballast of railway tracks. Lemaire Maurice Henri (inventor). Issued 2-28-33.
1,900,436. System of indirect lighting of all spaces. Dourgnon Jean Tigrane (inventor). Issued 3-7-33.
1,900,694. Apparatus for the removal of alcohol from wine cider beer and other alcoholic products. Coupeau Marc, et al, Delaville Maurice (inventors); Cornillac Andre (grantee). Issued 3-7-33.
1,900,794. Safety device for locks. Brun Albert (inventor). Issued 3-7-33.
1,900,825. Photographic developing apparatus. Liberman Alexander Iezekil (inventor). Issued 3-7-33.
1,900,999. Firing device for demountable machine guns. Ricordel Auguste Louis (inventor); Precision Moderne (grantee). Issued 3-14-33.
1,901,012. Headlight for vehicles. Tourriol Jean (inventor). Issued 3-14-33.
1,901,330. Fluid conductive hose. Poberejsky Jacques (inventor); Superflexit a Corp of France (grantee). Issued 3-14-33.
1,901,379. System for the central lubrication of vehicles. Saives Leon (inventor); Renault Louis (grantee). Issued 3-14-33.
1,901,380. Parachute equipment. Salone Jacques Charles Germain et al, Lucas Georges Denis (inventors); Soc Salone Ing E C P & Lucas (grantee). Issued 3-14-33.
1,901,389. Process for liquefying and rectifying air. Hazard Flamand Maurice (inventor). Issued 3-14-33.
1,901,523. Automatically loading machine for distributing sand gravel and the like. Millet Eugene Justin Nestor (inventor). Issued 3-14-33.
1,901,783. Apparatus for the pneumatic separation of materials of different densities. Soulary Paul (inventor). Issued 3-14-33.
1,902,041. Sewing machine. Morel Felix (inventor); Anciens Etablissements r Cornely & Cie S A (grantee). Issued 3-21-33.
1,902,272. Wafer dosing filling & sealing machine. Willmann Gustave (inventor). Issued 3-21-33.
1,902,378. Carburetor. Schneebeli Hugo (inventor). Issued 3-21-33.
1,902,394. Suspension spring. Carteret Paul Adolphe (inventor). Issued 3-21-33.
1,902,395. Umbrella. Cornic Emile (inventor). Issued 3-21-33.
1,902,410. Interchangeable toothbrush. Lemoine Henry Guido Leon (inventor). Issued 3-21-33.
1,902,437. Case for lipsticks. Bergaud Felicie Eugenie Amelie Wanpouille (inventor). Issued 3-21-33.
1,902,696. Valve control gear for internal combustion engines. Eimer Ernest (inventor); Delage & Cie (grantee). Issued 3-21-33.
1,902,887. Carburetor. Oppenheim Rene (inventor); S A Le Carbone (grantee). Issued 3-28-33.
1,903,033. Protecting device for electric distributing systems. Dupuis Lucien Georges, et al, Tinel Georges (inventors); Union d Electricite (grantee). Issued 3-28-33.
1,903,039. Device for interlocking two movements. Gianoli Marcel Louis (inventor). Issued 3-28-33.
1,903,635. Method of operating locomotives having internal combustion engines. Saives Leon (inventor); Renault Louis (grantee). Issued 4-11-33.
1,903,680. Alternating current generator. Letrilliart Pierre (inventor); Forges & Ateliers de Constructions Electriques de Jeumont (grantee). Issued 4-11-33.
1,903,695. Adjustable turnbuckle. Chobert Jacques Francois Gabriel (inventor). Issued 4-11-33.
1,903,713. Dynamometric log. Baule Marie Emile Alfred (inventor). Issued 4-11-33.
1,903,720. Emitting or receiving vibration device for submarine sounding. Marti Pierre Auguste Daniel, et al Bertin Charles Frederic Marie, Nandillon Albert Emile Gustave (inventors). Issued 4-11-33.
1,903,351. Fuel supply process for internal combustion engines. Rochefort Francois (inventor). Issued 4-18-33.
1,903,966. Vehicle suspension device. Granges Louis (inventor). Issued 4-18-33.
1,904,088. Frame provided with easel stand. Schutz Henri (inventor). Issued 4-18-33.
1,904,112. Device for the control of electric arc welding machines. Achard Jean (inventor). Issued 4-18-33.
1,904,169. Torsion pendulum. Reutter Jean Leon (inventor). Issued 4-18-33.
1,904,223. Machine for ascertaining the volume of loads of granular material. Hanique Alfred (inventor). Issued 4-18-33.
1,904,301. Machine for perforating slow emulsion films while they are being shown on the screen. Delafon Jean Maurice Jacques (inventor). Issued 4-18-33.
1,904,408. Needle securing device for talking machines. Charlin Andre Marie Bernard (inventor). Issued 4-18-33.
1,904,431. Feed water heating plant. Fiedler Sebastien Otto Alfred (inventor); L Auxiliaire des Chemins de fer et de l Industrie (grantees). Issued 4-18-33.
1,904,495. Process for the direct manufacture of ketones from impure volatile acids. Mauger Jacques Georges (inventor); Soc Dite Maison Camus Duchemin S A (grantee). Issued 4-18-33.
1,904,610. Automatic liquid measuring and delivering apparatus. Boutillon Henri (inventor). Issued 4-18-33.
1,904,696. Preparation of stable solutions of halogenated acetylcholin salts. Roy Gustave (inventor). Issued 4-18-33.
1,904,719. Recording apparatus. De Beaumarchais Charles (inventor); Le Materiel Electrique S W (grantee). Issued 4-18-33.
1,904,817. Refrigerating plant. Bernat Raoul, et al Bernat Henri (inventors). Issued 4-18-33.
1,904,833. Manufacture of a coal substitute. Marek John Ivo (inventor); Carbonfix Soc a Responsabilite Limitee (grantee). Issued 4-18-33.
1,905,354. Diazo compound of 2 amino chloro 1 oxy 3 sulphobenzene and its production. Sack Ernest (inventor); Cie Nationale de Matieres Colorantes et Manufactures de Produits Chimiques du Nord Reunies Etablissements Kuhlmann (grantee). Issued 4-25-33.
1,905,428. Electric traction system employing compound motors. Bacqueyrisse Louis (inventor). Issued 4-25-33.
1,905,434. Hopper crane of the movable and travelling type. Boyer Fernand (inventor). Issued 4-25-33.
1,905,460. Process for converting into soluble salts lead and other metals contained in lead bearing ores. Gamichon Paul (inventor). Issued 4-25-33.
1,905,996. Electric organ. Coupleux Edouard Eloi, et al Givelet Joseph Armand Marie Vincent de Paul (inventors). Issued 4-25-33.
1,906,008. Apparatus for the distribution and injection of compressed air for internal combustion engines. Konstantinoff Jean (inventor). Issued 4-25-33.
1,906,140. Shaving brush having a reservoir for the soap. Depasse Henri (inventor). Issued 4-25-33.
1,906,164. Asynchronous electrical machine. Letrilliart Pierre (inventor); Forges & Ateliers de Constructions Electriques de Jeaumont (grantee). Issued 4-25-33.
1,906,168. Process of decorating metals. Malleval Veuve F nee Berthe Burlet (inventor). Issued 4-25-33.
1,906,170. Device for recording the warp of railway tracks. Mauzin Andre Ernest (inventor). Issued 4-25-33.
1,906,175. Machine for determining the resisting qualities in wear of leather for soles. Millet Paul (inventor); Soc en Nom Collectif Dite Veuve Paul Luc & Cie (grantee). Issued 4-25-33.
1,906,177. Automatic device for measuring and delivering liquids. Porte Rene (inventor); Soc Hardoll Etablissements Hariveau and Dolimier et Rene Porte & Cie Reunis (grantee). Issued 4-25-33.
1,906,186. Film drawing device for cinematographic apparatus. Deville Etienne Sainte Claire (inventor); Soc des Etablissements Gaumont (grantee). Issued 4-25-33.
1,906,192. Metal alloy. Vangrevenynge Charles, et al Elion Henry (inventors). Issued 4-25-33.
1,906,216. Superposed barrel breech loading firearm. Rabe Leon (inventor). Issued 4-25-33.
1,906,225. Electrically heated soldering iron. Dupau Fernand (inventor). Issued 5-2-33.
1,906,479. Suspension system for vehicles. Messier Georges Louis Rene Jean (inventor). Issued 5-2-33.
1,906,787. Hydraulic pump and motor. Cuttat Georges (inventor); S A Des Etablissements Cuttat (grantee). Issued 5-2-33.
1,906,898. Device for undulation of hair. Castiaux Victor (inventor). Issued 5-2-33.
1,906,905. Relay for distant control. Granat Elie (inventor); Cie Des Forges et Acieries de la Marine et d'Homecourt (grantee). Issued 5-2-33.
1,907,252. Method for treating films arranged in strips. Debrie Andre Leon Victor Clement (inventor). Issued 5-2-33.
1,907,253. Cinematographic printing machine. Debrie Andre Leon Victor Clement (inventor). Issued 5-2-33.
1,907,632. Double tool holder. Weber Gustav (inventor); Weill Rene (grantee). Issued 5-9-33.
1,908,368. Device for changing the direction of travel applicable to belt conveyors. Krieger Lucien (inventor). Issued 5-9-33.
1,908,407. Process for the removal of alcohol from wine cider beer and other alcoholic products. Coupeau Marc Gustave et al, Delaville Maurice (inventors); Cornillac Andre (grantee). Issued 5-9-33.
1,908,488. Dragnet and the like. Robert Alphonse Victor Alexandre (inventor); S A Engins de Peche Maritime (grantee). Issued 5-9-33.
1,908,591. Bathing suit and similar sport garment. Entraygues Jules Pierre (inventor). Issued 5-9-33.
1,908,613. Stringed musical instrument. Maccaferri Mario (inventor). Issued 5-9-33.
1,908,724. Hammer pulverizer. Aube Jean (inventor). Issued 5-16-33.
1,908,880. Alternating current electric motor for phonographs and the like. Bethenod Joseph (inventor). Issued 5-16-33.
1,908,923. Apparatus for treating liquids. Schaeffer Jean Adolphe et al; Pfersch George (inventors); Cie Technique Des Petroles (grantee). Issued 5-16-33.
1,908,924. Process for treating hydrocarbon oils. Schaeffer Jean Adolphe et al, Pfersch George (inventors); Cie Technique Des Petroles (grantee). Issued 5-16-33.

1,909,220. Plate and panel with inscriptions or designs. Paisseau Jean et al, Germain Rodolphe (inventors). Issued 5-16-33.
1,909,498. Process of preparing aromatic amino derivatives of arsine and the product thereof. Oechslin Carl J (inventor). Issued 5-16-33.
1,909,514. Decorative plastic surface. Assael Maurice Moise (inventor). Issued 5-16-33.
1,909,559. Fastening for overlapping roofing plates. Wagner Marcel (inventor). Issued 5-16-33.
1,909,749. Hand operated cigarette making machine. Booth Richard Norman (inventor); S A Pour D Exploitation Des Papeteries L Lacroix Fils (grantees). Issued 5-16-33.
1,909,798. Process for the manufacture of soluble cellulose esters of higher organic acids. Angla Bernard Marius Robert (inventor); Soc Des Usines Chimiques Rhone Poulenc (grantees). Issued 5-16-33.
1,909,837. Automatic fire extinguisher. Laengel Henri Charles (inventor); S A Assuro (grantee). Issued 5-16-33.
1,909,956. Process of coal distillation. Hereng Alfred Jean Andre (inventor). Issued 5-23-33.
1,910,017. Electrolytic extraction of light metals contained in alloys. Hulin Paul Leon (inventor); Cie de Produits Chimiques et Electrometallurgiques Alais (grantees). Issued 5-23-33.
1,910,024. Heat insulation for apparatus working at very low temperatures. Le Rouge Jean (inventor); L Air Liquide S A Pour L Etude and L Exploitation Des Procedes Georges Claude (grantees). Issued 5-23-33.
1,910,033. Obturating device. Mincovsky Zounia (inventor); Soc Francaise D Etudes and de Brevets (grantees). Issued 5-23-33.
1,910,116. Means for automatic tightening of fastening hoops. Malleville Jean Paul Marie (inventor). Issued 5-23-33.
1,910,137. Furniture polish. Van Der Bruggen Arthur (inventor). Issued 5-23-33.
1,910,281. Apparatus for distilling water. Charrier Henri (inventor); S A Appareils et Evaporateurs Kestner (grantees). Issued 5-23-33.
1,910,595. Process of weaving and apparatus therefor. Deboutteville Marcel Delamare (inventor). Issued 5-23-33.
1,910,798. Endless track vehicle. Kegresse Adolphe (inventor). Issued 5-23-33.
1,911,259. Pneumatic controlling device. Bergoin Marcel (inventor). Issued 5-30-33.
1,911,309. Electric organ operating by means of electrode valves. Coupleux Edouard Eloi et al, Givelet Joseph Armand (inventors). Issued 5-30-33.
1,911,414. Starting device for internal combustion engines. Waseige Charles Raymond (inventor); Farman Henri et Maurice (grantees). Issued 5-30-33.
1,911,520. Cash register. Marbach Fritz (inventor); Mabille Ernest (grantee). Issued 5-30-33.
1,911,592. Method for forming copying sheets. Supligeau Charles Leon et al, Hippolyte, Guyot Robert Richard Jean (inventors). Issued 5-30-33.
1,911,838. Construction of carburetors. Mathieu Eugene (inventor). Issued 5-30-33.
1,911,935. Fastening device for jewels and other ornaments. Vidal Andre (inventor); Cartier S A (grantee). Issued 5-30-33.
1,912,057. Liquid fuel engine. Bagnulo Alberto (inventor). Issued 5-30-33.
1,912,243. Process and apparatus for firing furnaces. Andrews Richard Henry (inventor). Issued 5-30-33.
1,912,262. Weft feeler for automatic looms for weaving. Diederichs Gustave (inventor). Issued 5-30-33.
1,912,660. Apparatus for catching a moving volume of air. Segui Pierre Jean (inventor). Issued 6-6-33.
1,912,888. Tight holding nut. Courteille Paul (inventor). Issued 6-6-33.
1,912,976. Machine for mechanically finishing roadway concrete coverings. Fedi Justin Andre Hector (inventor). Issued 6-6-33.
1,913,061. Liquid fuel. Seigle Adolphe Antoine, Francois Marius (inventors). Issued 6-6-33.
1,913,087. Cinematographic apparatus. Oehmichen Etienne (inventor). Issued 6-6-33.
1,913,158. Apparatus for the production of mesityl oxide. Guinot Henri (inventor). Issued 6-6-33.
1,913,159. Production of mesityl oxide. Guinot Henri (inventor). Issued 6-6-33.
1,913,229. Surgical apparatus. Bordier Marcel Armand Louis (inventor). Issued 6-6-33.
1,913,266. Structure and structural block. Dreyfus Rose Emile et al, Vaisset Victor Roch (inventors). Issued 6-6-33.
1,913,481. Combined alarm clock and barometer. Gody Henri (inventor); Anciens Establissements Duverdrey and Bloquel (grantees). Issued 6-13-33.
1,913,628. Method of liquefying chlorine. Falkenberg Johan Christian (inventor). Issued 6-13-33.
1,913,787. Antibackfiring gas mixer. Basseau Suzanne nee Guichard (inventor). Issued 6-13-33.
1,913,790. Adjustable stand. Buntschu Edouard Gabriel et al, Buntschu Ignace Charles (inventors). Issued 6-13-33.
1,913,899. Catch hinge. Rodanet Charles Hilaire Henri (inventor); S A Establissements Ed Jaeger (grantee). Issued 6-13-33.
1,913,901. Braking device for motor vehicles. Schaeffer Charles (inventor); Ste Anme Des Anciens Establissements, Panhard & Levassor (grantees). Issued 6-13-33.
1,913,905. Call apparatus for automatic telephones. Servanton Jacques et al, Consael Jean Marie (inventors). Issued 6-13-33.
1,913,910. Control system for electric motors. Altmayer Jean Andre (inventor). Issued 6-13-33.
1,913,913. Record for synchronous cinematographic projection and phonographic audition. Boularan Jacques Dabert et al, known as Jacques Deval Digeon Pierre Armand (inventors). Issued 6-13-33.
1,914,015. Self winding watch. Hatot Leon (inventor). Issued 6-13-33.
1,914,063. Device for heating carburetors or the air fed to carburetors. Barbarou Marius Jean Baptiste (inventor). Issued 6-13-33.
1,914,089. Automatic gasoline vapor generator. Guillemin Victor Prosper (inventor). Issued 6-13-33.
1,914,111. Apparatus for the prevention of backfiring in internal combustion engines. Defrance Abel (inventor). Issued 6-13-33.
1,914,492. Liquid and friction shock absorber for automobiles. Dufaux Armand (inventor). Issued 6-20-33.
1,914,564. Rack for disk gramophone records. Grandjean Rene (inventor). Issued 6-20-33.
1,914,711. Load lifting and discharging apparatus. Carmillet Charles (inventor). Issued 6-20-33.
1,914,788. Method of refining lead for use thereof in antifriction alloys containing other metals which are not adapted to be alloyed with lead. Ricard Alfred Edouard et al, Danfel Louis (inventors). Issued 6-20-33.
1,914,789. Exhaust silencer. Rognon Ernest (inventor). Issued 6-20-33.
1,914,831. Electric keyboard musical instrument. Martenot Maurice Louis Eugene (inventor). Issued 6-20-33.
1,914,842. Electrical synchronizing device. Barthelemy Rene (inventor); Cie Pour La Fabrication Des Compteurs et Materiel D Usines, A Gaz Montrange (grantees). Issued 6-20-33.
1,914,865. Method and device for automatically reducing speed. Rath Jean Francois (inventor). Issued 6-20-33.
1,915,011. Elements of construction. Bribet Georges (inventor). Issued 6-20-33.
1,915,055. Aeroplane. Fauvel Charles (inventor). Issued 6-20-33.
1,915,191. Sight for antiaircraft machine guns. Le Prieur Yves Paul Gaston et al, Ricordel Auguste Louis (inventors); La Precision Moderne (grantee). Issued 6-20-33.
1,915,192. Hood latch. Malivert Jules Eugene (inventor); Soc L Accessoire de Precision (grantee). Issued 6-20-33.
1,915,571. Power transmitting belt. Gardere Pierre Leonce (inventor). Issued 6-27-33.
1,915,720. Clamping collar. De Vulitch Vladimir Antoine (inventor). Issued 6-27-33.
1,915,723. Process for the purification of gases for the synthesis of ammonia. Etienne Alfred et al, Gosselin Albert, Du Chaffaut Roger (inventors); L Air Liquide S A Pour L Etude & L Exploitation Des Procedes Georges Claude (grantees). Issued 6-27-33.
1,916,092. Aeroplane. Bleriot Louis (inventor). Issued 6-27-33.
1,916,098. Individual steering wheel. Dubonnet Andre (inventor). Issued 6-27-33.
1,916,099. Mud guard suspension. Dubonnet Andre (inventor). Issued 6-27-33.
1,916,484. Direct current motor control system. Lejeune Fernand (inventor); Forges & Ateliers de Constructions, Electriques de Jeumont S A (grantees). Issued 7-4-33.
1,916,605. Method of making adjustable spanners. Chobert Jacques Francois Gabriel (inventor). Issued 7-4-33.
1,917,378. Gold alloy. Lenfant Louis (inventor); Cartier S A (grantee). Issued 7-11-33.
1,917,462. Safety device for elevator driving means. Roche Henri (inventor); Soc Establissements Edouxsamain (grantee). Issued 7-11-33.
1,917,488. Electric servo motor for automobiles or the like. Bethenod Joseph (inventor). Issued 7-11-33.
1,917,532. Device for automatically dimming the lights of automobiles. Loewenstein Rudolph (inventor). Issued 7-11-33.
1,918,106. Noiseless typewriter. Joerissen Carl A (inventor). Issued 7-11-33.
1,918,152. Telecommunication system. Viard Georges (inventor). Issued 7-11-33.
1,918,416. Foot operated platen lifting device for calculating machines. Moussier Leandre (inventor). Issued 7-18-33.
1,918,667. Controlling mechanism. Renaux Eugene Prosper et al, Renaux Lucien Jules (inventors). Issued 7-18-33.
1,919,088. Wing structure for flying machines. Breguet Louis (inventor); S A Des Ateliers D Aviation Louis Breguet (grantees). Issued 7-18-33.
1,919,089. Flying machine having revolving supporting surfaces. Breguet Louis et al, Dornand Rene (inventors); Breguet Louis (grantee). Issued 7-18-33.
1,919,095. Articles of jewelry and method of manufacturing the same. De Gennaro Gaetan (inventor). Issued 7-18-33.
1,919,105. Electrical controlling device for liquid distributors. Gueux Joseph Jean Marie (inventor). Issued 7-18-33.
1,919,115. Device for giving moving pictures the appearance of relief. Maury Charles et al, Houssin Victor Adrien (inventors). Issued 7-18-33.
1,919,121. Arrangement of sustaining propellers in aerial navigation machines. Oehmichen Etienne Edmond (inventor). Issued 7-18-33.
1,919,133. Automatically opening paint tube. Rolot Georges (inventor). Issued 7-18-33.
1,919,253. Method of destructively distilling carbonaceous fuels. Patart Georges (inventor). Issued 7-25-33.

1,919,663. Safety device for overhead electric lines. Mathieu Marie Ernest (inventor). Issued 7-25-33.

1,919,848. Device for opening bulbs closed by welding & their application to fire extinguishers. Levinson Ruvin (inventor); S. A. Le Mondial (grantee). Issued 7-25-33.

1,920,104. Fluid transmission system. Pescara Raul Pateras (inventor). Issued 7-25-33.

1,920,122. Heat interchanging apparatus & process. Chavanne Jean Louis (inventor). Issued 7-25-33.

1,920,179. Time distribution system. Battegay Constant (inventor); S. A. des Ateliers Brille Freres (grantee). Issued 8-1-33.

1,920,201. Alternating piston rotary engine. Kolko Aron (inventor). Issued 8-1-33.

1,920,373. Process of synthesizing organic compounds containing oxygen. Gosselin Henri Albert (inventor); Soc. Chimique de la Grande Paroisse Azote & Produits Chimiques (grantees). Issued 8-1-33.

1,920,392. Pulp beating engine. Hery Edouard (inventor). Issued 8-1-33.

1,920,631. Sound amplifying horn. Coumbopoulos Stavros (inventor). Issued 8-1-33.

1,920,674. Variable pitch propeller. Barbarou Marius Jean Baptiste (inventor). Issued 8-1-33.

1,920,681. Condensing apparatus. De Chamerlat Jean (inventor). Issued 8-1-33.

1,920,682. Method and device for cooling gases by contact with a liquid. De Saugy Humbert Frossard (inventor). Issued 8-1-33.

1,920,698. Adjustable gate for both ways of flow in substantially horizontal sluices. Huguenin Albert (inventor). Issued 8-1-33.

1,920,705. Bust holder. Madsen Viggo (inventor). Issued 8-1-33.

1,920,884. Suction stack for chimneys. Petrovitch Louis (inventor). Issued 8-1-33.

1,921,090. Bell swinging device. Muller Paul (inventor). Issued 8-8-33.

1,921,258. Color photography. Nordmann Charles (inventor). Issued 8-8-33.

1,921,322. Wrench. Porte Pierre (inventor). Issued 8-8-33.

1,921,327. Cryptographic printing apparatus. Schimmel Francois et al, Bidault Eugene August (inventors). Issued 8-8-33.

1,921,363. Process for treating fibers. Lefranc Georges (inventor). Issued 8-8-33.

1,921,510. Two stroke cycle internal combustion engine. De Wasmundt Wladimir (inventor). Issued 8-8-33.

1,921,586. Manufacture of dyes containing chromium. Sack Ernest Albert (inventor); Cie Nationale de Matieres Colorantes et Manufactures de Produits Chimiques du Nord Reunies Etablissements Kuhlmann (grantees). Issued 8-8-33.

1,921,591. Process for the manufacture of zinc white. Szidon Viktor (inventor). Issued 8-8-33.

1,921,636. Aeroplane. Quemin Maurice. inventor). Issued 8-8-33.

1,921,725. Froth breaking. Boutet Robert Charles Marie Paul Fernand (inventor); Soc. Francaise des Glycerines (grantee). Issued 8-8-33.

1,921,880. Starting apparatus for rotary engines. Herz Stanislas et al, Berger Maurice Pierre (inventors). Issued 8-8-33.

1,921,905. Hydroelectric installation. Blom Robert (inventor). Issued 8-8-33.

1,921,911. Can opener. Darque Etienne Marcel (inventor). Issued 8-8-33.

1,921,931. Screw propeller. Levasseur Pierre (inventor). Issued 8-8-33.

1,921,935. Process for the conversion of textile vegetable fibers into threads having the texture of wool. Maillard Frederic Georges (inventor). Issued 8-8-33.

1,921,936. Masher. Mantelet Jean (inventor); Mantelet et Boucher Soc en Nom. Collectif (grantees). Issued 8-8-33.

1,921,942. Metallic propeller. Ratier Paulin Jean Pierre (inventor). Issued 8-8-33.

1,921,951. Shock absorber. Simon Lucien et al, Marcon Rene (inventors); Simon Lucien (grantee). Issued 8-8-33.

1,921,980. Wrench. Porte Pierre (inventor). Issued 8-8-33.

1,922,763. Endless track vehicle. Kegresse Adolphe (inventor). Issued 8-15-33.

1,922,836. Printing clock. Battegay Constant (inventor); S. A. des Ateliers Brillie Freres (grantee). Issued 8-15-33.

1,922,895. Apparatus for the leveling of railways. Lemaire Maurice Henri (inventor). Issued 8-15-33.

1,922,934. Device for the elimination of chromatic flicker in projection apparatus. Dorel Felix et al, Bellier Elie Eugene (inventors); Soc. Francaise des Films Herault (grantee). Issued 8-15-33.

1,922,940. Method of joining the ends of wire cloth. Franck Rene (inventor). Issued 8-15-33.

1,923,231. Control and safety device for railways and tramways. Rodolausse Eloi (inventor). Issued 8-22-33.

1,923,502. Process and product for protecting aluminum magnesium zinc and their alloys against corrosion. Prier Pierre (inventor). Issued 8-22-33.

1,923,518. Liquid distributor. Thiberge Paul Louis Armand (inventor). Issued 8-22-33.

1,923,519. Compressor. Tisserant Auguste Albert Honore (inventor). Issued 8-22-33.

1,923,615. Battery ignition device. De Fligue Wladimir et al, Lavallee Paul (inventors). Issued 8-22-33.

1,923,619. Process for electrooptical register of sounds or any other elastic wares. Guerbilsky Alexis (inventor). Issued 8-22-33.

1,923,870. Electric amplification of sounds. Kressmann Jean (inventor). Issued 8-22-33.

1,923,963. Aerial safety device. Ayad Ibrahim Ben (inventor). Issued 8-22-33.

1,924,034. Process for the continuous conversion of ferruginous materials into spongy metallic agglomerates. Folliet Alexandre et al, Sainderichin Nicolas (inventors). Issued 8-22-33.

1,924,056. Strain insulator chain. Benit Henri (inventor). Issued 8-22-33.

1,924,104. Manometric apparatus. Itte Georges Charles (inventor). Issued 8-29-33.

1,924,254. Servo brake of the centrifugal type. Piganeau Gerard Pierre (inventor). Issued 8-29-33.

1,924,255. Machine for tentering and drying fabrics. Prat Emile (inventor). Issued 8-29-33.

1,924,641. Safety razor. Dupeyron Auguste (inventor). Issued 8-29-33.

1,924,696. Manufacture of dyes containing chromium and the resulting product. Sack Ernest Albert (inventor); Cie Nationale de Matieres Colorantes et Manufactures de Produits Chimiques du Nord Reunies Etablissements Kuhlmann (grantees). Issued 8-29-33.

1,924,709. Packing case. Coulbeaux Charles Gaston (inventor). Issued 8-29-33.

1,924,710. Process for the manufacture of dichromates. Demant Jules Emile (inventor); Bozel Maletra Soc Industrielle de Produits Chimiques (grantee). Issued 8-29-33.

1,924,905. Method for heating substances such as gypsum in air currents. Bourdet Andre Paul Edouard (inventor). Issued 8-29-33.

1,924,980. Solid fuel distilling apparatus. Chavanne Louis (inventor). Issued 8-29-33.

1,925,025. Process and apparatus for accurately cutting and rectifying gears. Amann Paul Emile (inventor). Issued 8-29-33.

1,925,472. Processes for converting coca alkaloids into alkylated derivatives of ecgonine and pseudo ecgonine. Tirard Auguste (inventor); S A Etablissements Roques (grantee). Issued 9-5-33.

1,925,478. Automatic telephone apparatus. Boye Alfred (inventor). Issued 9-5-33.

1,925,483. Electrical recorder. Dubois Raymond (inventor); Soc Cema Constructions Electro Mecaniques D Asnieres S A (grantee). Issued 9-5-33.

1,925,583. Carburetor nozzle. Delplanque Edmond. Issued 9-5-33.

1,925,616. Ice machine. Velut Rene (inventor). Issued 9-5-33.

1,925,669. Fire extinguisher. Levy Joseph dec (inventor); Adelmann Henri Admr (grantee). Issued 9-5-33.

1,925,920. Process for the preparation of oxide of beryllium. Gadeau Robert Andre (inventor); Cie de Produits Chimiques et Electrometallurgiques Alais Froges et Camarque (grantee). Issued 9-5-33.

1,925,922. Beater for the paper industry. Hery Edouard (inventor). Issued 9-5-33.

1,925,954. Electric relay. De Regnauld de Bellescize Henri, Jean Joseph Marie (inventors). Issued 9-5-33.

1,926,109. Carburetor for heavy oils. Oppenheim Rene (inventor); S A Le Carbone (grantee). Issued 9-12-33.

1,926,191. Treatment of quantities of water. Boucherot Paul et al, Claude Georges (inventors). Issued 9-12-33.

1,926,260. Motion damper and shock absorber. Broulhiet Georges (inventor). Issued 9-12-33.

1,926,489. Key mechanism for wood wind instruments. Leblanc Leon (inventor). Issued 9-12-33.

1,926,490. Removable stitching and binding device. Levinsky Georges et al, Marsal Charles (inventors). Issued 9-12-33.

1,926,507. Electrical induction apparatus applicable to resistance welding. Achard Jean (inventor). Issued 9-12-33.

1,926,613. Reloading device. De Andia Yrarrazaval Jean Gonzalez (inventor). Issued 9-12-33.

1,926,804. Lock clasp for jewels and similar articles. Desouches Gerard (inventor); Cartier S A (grantee). Issued 9-12-33.

1,926,905. Process for the manufacture of solid rods and tubes made of glass or other melted material. Le Coultre Ernest (inventor). Issued 9-12-33.

1,926,968. Highflight aeroplane. Causan Nemorin Laurent (inventor). Issued 9-12-33.

1,926,971. Transmission for electrically driven talking machines. De Wrangel Wladimir et al, Saharoff Leon (inventors); De Wrangel Wladimir (grantee). Issued 9-12-33.

1,927,178. Apparatus for the leveling of railways. Lemaire Maurice Henri (inventor). Issued 9-19-33.

1,927,340. Preparing machine for spinning. Fievet Eugene (inventor). Issued 9-19-33.

1,927,358. Brake control for aeroplanes. Breguet Louis (inventor); S A Des Ateliers D Aviation Louis Breguet (grantee). Issued 9-19-33.

1,927,541. Process and plant for the manufacture of pure cellulose from vegetable fibers. Bouvier Cesar et al, Fouche Georges Seguin Edmond (inventors). Issued 9-19-33.

1,928,082. Electrically controlled tool. Vigne Emile Leon. (inventor). Issued 9-26-33.

1,928,191. Friction locking device. Van Meurs Jean (inventor); S A Francaise du Ferodo (grantee). Issued 9-26-33.

1,928,196. Surfacing and polishing. Betrancourt Fortune (inventor); S A Des Manufactures des Glaces & Produits Chimiques de Saint Gobain Chauny & Cirey (grantees). Issued 9-26-33.

1,928,326. Aeroplane with four axially arranged engines. Bratu Raymond (inventor). Issued 9-26-33.

1,928,425. Apparatus for metallizing by the melting and projection of metals. Hedde Marie Claude Roger (inventor); La Soc Dite Soc Nouvelle de Metallisation (grantee). Issued 9-26-33.

1,928,498. Seat structure. Mougeotte Auguste Angele Gaston (inventor). Issued 9-26-33.

1,928,539. Antidazzling headlight. Labastrou Maurice Leon (inventor). Issued 9-26-33.

1,928,544. Bearing member & process for manufacturing it. Ricard Alfred Edouard (inventor). Issued 9-26-33.

1,928,545. Compensated suspension device for vehicles. Rondier Georges (inventor). Issued 9-26-33.

1,928,553. Method of scanning images in television. Barthelemy Rene et al, Le Duc Jean (inventors); Cie Pour La Fabrication Des Compteurs et Materiel D Usines A Gaz (grantees). Issued 9-26-33.

1,928,[illegible]31. Automatic ribbon reversing mechanism for typewriters. Grandjean Marc (inventor). Issued 9-26-33.

1,928,981. Boiler. Augustin Normand Paul (inventor); S A Chantiers et Ateliers Augustin Normand (grantees). Issued 10-3-33.

1,929,129. Continuous press for solid materials containing liquids. Villez Paul Alexandre Henri (inventor). Issued 10-3-33.

1,929,137. Process and apparatus for edging cardboard articles and similar objects. Cassegrain Pierre Auguste Gustave (inventor). Issued 10-3-33.

1,929,138. Time switch. Cotnareanu Ionel (inventor). Issued 10-3-33.

1,929,733. Tightness device. Autier Victor (inventor). Issued 10-10-33.

1,929,892. Carriage window. Kellner Jacques (inventor); Soc a Responsabilite Limitee Jacques Kellner (grantee). Issued 10-10-33.

1,930,360. Apparatus for the lye treatment and washing of clothes. Julien Cyprien Edouard Paul (inventor). Issued 10-10-33.

1,930,371. Circular weaving loom. Sery Claude (inventor); Soc a Responsabilite Limitee Etablissements Rotatiss (grantee). Issued 10-10-33.

1,930,393. Adhesive to be employed in the manufacture of waterproof abrasive products. Lemerle Jacques (inventor); S A Cie Centrale des Emeris et Produits a Polir (grantees). Issued 10-10-33.

1,930,416. Sliding and pivoting wristlet watch. Chauvot Rene Alfred (inventor). Issued 10-10-33.

1,930,424. Glass sheet forming apparatus. Escole Paul Joseph Maximilien (inventor); Forges et Ateliers de Constructions Electriques de Jeumont S A (grantee). Issued 10-10-33.

1,930,548. Propeller with variable pitch. Barbarou Marius Jean Baptiste (inventor). Issued 10-17-33.

1,930,549. Servo brake. Barbarou Marius Jean Baptiste (inventor). Issued 10-17-33.

1,930,563. Electronic discharge tube. Ponte Maurice (inventor); La Radiotechnique (grantee). Issued 10-17-33.

1,930,740. Process and product for lining walls and other surfaces. Desagnat Gaston (inventor). Issued 10-17-33.

1,930,744. Process for the simultaneous manufacture of dicalcium phosphate and of ammonium chloride. Durepaire Louis et al, Quanquin Bernard (inventors). Issued 10-17-33.

1,930,877. Apparatus for the electrolytic manufacture of metals and chiefly of magnesium. Jessup Alfred Claude (inventor). Issued 10-17-33.

1,930,964. Method of striking and maintenance of an electric arc in a medium having a great dielectric strength. Bethenod Joseph (inventor); L Air Liquide S A pour l Etude et l Exploitation des Procedes Georges Claude (grantee). Issued 10-17-33.

1,931,182. Clutch. Dombret Emile (inventor). Issued 10-17-33.

1,931,200. Starter. Louette Joseph Ernest Octave (inventor). Issued 10-17-33.

1,931,230. Fire extinguishing apparatus. Laengel Henri Charles (inventor); S A Assuro (grantee). Issued 10-17-33.

1,931,428. Making leather substitutes. Boudy Leonard (inventor). Issued 10-17-33.

1,931,432. Apparatus for launching a lifeboat. Petit Colas Henri Fernand et al, Besnier Louis Jules (inventors). Issued 10-17-33.

1,931,842. Fountain pen. Godek Boleslas Andre (inventor). Issued 10-24-33.

1,931,875. Process and apparatus permitting the utilization of heavy fuels for feeding engines. Oppenheim Rene (inventor); S A Le Carbone (grantee). Issued 10-24-33.

1,931,952. Hydraulic power transmitting system. Charles Maurice (inventor). Issued 10-24-33.

1,931,955. Projection apparatus. Deve Charles (inventor). Issued 10-24-33.

1,931,956. Concrete mixer. Freyssinet Eugene (inventor). Issued 10-24-33.

1,932,094. Aerial vehicle and braking system therefor. Hallot Paul (inventor). Issued 10-24-33.

1,932,156. Process of coating. Ducamp Albert Jean et al, Baule Marie Emile Alfred (inventors). 10-24-33.

1,932,164. Electric regulating apparatus. Petit Jean Francois Gabriel (inventor); Etablissements Labinal (grantee). Issued 10-24-33.

1,932,305. Surfacing apparatus. Escole Paul Joseph Maximilien (inventor); Forges & Ateliers de Constructions Electriques de Jeumont (grantee). Issued 10-24-33.

1,932,332. Internal combustion engine. Bernard Auguste Louis Rene (inventor); Fusion Moteurs (grantee). Issued 10-24-33.

1,932,598. Extensible reel for unspooling of hanks. Parrier Gabriel (inventor). Issued 10-31-33.

1,932,876. Comb for cutting and thinning the hair. Agostini Leon (inventor). Issued 10-31-33.

1,932,893. Machine for grinding springs. Herckelbout Raoul Albert (inventor). Issued 10-31-33.

1,932,925. Automatic radioelectric standby device. Chauveau Louis Lucien Eugene (inventor); Soc Francaise Radio Electrique (grantee). Issued 10-31-33.

1,933,033. Automatic air or mixture admission valve for internal combustion engines. Saives Leon (inventor); Renault Louis (grantee). Issued 10-31-33.

1,933,066. Film pressing device for motion picture apparatus. Merle Andre Noel (inventor); Pathe Cinema Anciens Etablissements Pathe Freres (grantee). Issued 10-31-33.

1,933,086. Electric speedometer and milemeter. Battegay Constant (inventor); S A des Ateliers Brillie Freres (grantee). Issued 10-31-33.

1,933,087. Means for keeping up the oscillations of pendulums. Battegay Constant (inventor); S A des Ateliers Brillie Freres (grantee). Issued 10-31-33.

1,933,088. Selective call system. Battegay Constant (inventor); S A des Ateliers Brillie Freres (grantee). Issued 10-31-33.

1,933,089. Call system adapted to be used in connection with automatic telephones. Battegay Constant (inventor); S A des Ateliers Brillie Freres (grantee). Issued 10-31-33.

1,933,100. Process for the secret transmission of vibrated modulated currents. Dieux Jean (inventor). Issued 10-31-33.

1,933,167. Guiding plates used in rolling machines and pouring tables for manufacturing plate glass and the like. Despret Georges Paul (inventor); Cies Reunies des Glaces & Verres Speciaux du Nord de la France (grantees). Issued 10-31-33.

1,933,208. Clutching and speed changing device. Cotal Jean (inventor); Soc d Exploitation des Brevets Cotal (grantee). Issued 10-31-33.

1,933,217. Manufacture of diaminodiphenyl disulphides. Lantz Robert (inventor); S A des Matieres Colorantes & Produits Chimiques de Saint Denis (grantee). Issued 10-31-33.

1,933,419. Boiler. Dieterlen Henry (inventor). Issued 10-31-33.

1,934,376. Hydromechanical transmission device. Ribis Gustave Prosper Georges (inventor). Issued 11-7-33.

1,934,682. Process of manufacturing reenforced glass sheets. Delloye Robert (inventor). Issued 11-14-33.

1,934,735. Automatic recording telephone. Nigeradse Vladimir et al (inventors); Thomas Julian M (grantee). Issued 11-14-33.

1,934,809. Distributing box for pasty and powdery products. Maillard Joseph Eugene Baptiste (inventor). Issued 11-14-33.

1,934,840. Carburetor. Claudel Charles Henri (inventor); S A la Cooperation Agricole & Industrielle (grantee). Issued 11-14-33.

1,934,999. Apparatus for controlling ring spinning machines. Tricu Andre (inventor). Issued 11-14-33.

1,935,082. Process for the manufacture of alkaline dichromates. Demant Jules Emile (inventor); Bozel Maletra Soc Industrielle de Produits Chimiques (grantee). Issued 11-14-33.

1,935,339. Shock absorbing device for appliances such particularly as aircraft parachutes. Tricau Gabriel (inventor). Issued 11-14-33.

1,935,343. Machine for resistance electric welding. Achard Jean (inventor). Issued 11-14-33.

1,935,474. Preparation of alkali phosphates. Laubi Atto (inventor); Bozel Maletra Soc Industrielle de Produits Chimiques (grantee). Issued 11-14-33.

1,935,849. Process for the preparation of azinic dyes. Lantz Robert et al, Wahl Andre (inventors); S A Des Matieres Colorantes et Produits Chimiques de Saint Denis (grantee). Issued 11-21-33.

1,936,290. Watchcase. Ditisheim Gaspard Pierre (inventor); S A Montres Clarte (grantee). Issued 11-21-33.

1,936,476. Manufacture of fused silica. George Henri (inventor); Soc Quartz et Silice (grantee). Issued 11-21-33.

1,936,573. Coupling device for aligned shafts. Anger Jacques Robert (inventor). Issued 11-28-33.

1,936,785. Engine with adjustable compression chamber. Filliol Louis Alain Daniel (inventor). Issued 11-28-33.

1,936,831. Process for preparing esters of high gravity from castor oil. Del Turco Cosimo Rosselli (inventor); French Soc Legendre Vin & Guetet (grantee). Issued 11-28-33.

1,936,967. Pointer sighting device. Muller Emil et al, Schmidt Leopold (inventors); Brandt Edgar William (grantee). Issued 11-28-33.

1,937,026. Means for signaling. Loth William Arthur (inventor). Issued 11-28-33.

1,937,095. Dust catcher. Prat Emile (inventor). Issued 11-28-33.

1,937,363. Folding umbrella. Seraphim Joseph (inventor). Issued 11-28-33.

1,937,502. Device for securing a member on a cylindrical shaft. Anger Jacques Robert (inventor). Issued 12-5-33.

1,937,683. Automatic adjusting device for brake members. Boirault Louis (inventor). Issued 12-5-33.

1,937,814. Machine for the printing of positive bichromate films. De Lesseps Ferdinand (inventor). Issued 12-5-33.

1,937,976. Film pressing arrangement for motion picture apparatus. Merle Andre Noel (inventor); Pathe Cinema Anciens Etablissements Pathe Freres (grantees). Issued 12-5-33.

1,938,003. Self adjusting sunlight reflector. Arthuys Jacques Marie et al, Bayle Andre (inventors); Arthel Soc d Exploitation des Brevets Jacques Arthuys (grantee). Issued 12-5-33.

1,938,074. Apparatus for indicating the ratio between the linear function of two temperatures. Lanquetin Roger (inventor). Issued 12-5-33.

1,938,148. Airplane with supporting surfaces of variable area. Makhonine Ivan (inventor). Issued 12-5-33.

1,938,517. Gas producer fuel support. Cousin Paul Achille Joseph (inventor); Etablissements Ernest Arnoult S A (grantee). Issued 12-5-33.

1,938,518. Gas producer fuel support. Cousin Paul Achille Joseph (inventor); Etablissements Ernest Arnolt S A (grantee). Issued 12-5-33.

1,938,600. Headlight for motor vehicles. Marsat Antoine Jean Baptiste (inventor). Issued 12-12-33.

1,939,136. Artificial fur. Romane Georges (inventor). Issued 12-12-33.

1,939,309. Direct current motor control system. Mejean Ernest (inventor); Forges & Ateliers de Constructions Electriques de Jeumont S A (grantee). Issued 12-12-33.

1,939,361. Electric connection particularly applicable to junction boxes. Oppenheim Rene (inventor); S A Le Carbone (grantee). Issued 12-12-33.

1,939,367. Apparatus for aiming guns. Riberolles Rene (inventor). Issued 12-12-33.

1,939,540. Mechanism for angular adjustment of gun sights. Charvet Gustave (inventor); Soc Des Establissements Krauss Optique et Mecanique de Precision (grantee). Issued 12-12-33.

1,939,603. Pump. Bernard Auguste Louis Rene (inventor); Soc Fusion Moteurs (grantee). Issued 12-12-33.

1,939,766. Transmission device. Corset Lucien Alfred Maurice (inventor). Issued 12-19-33.

1,939,903. Apparatus and method of obtaining lighting of luminescent tubes. Kayser Daniel Paul Albert Andre (inventor). Issued 12-19-33.

1,940,056. Packing device for cylindrical bodies or liners. Konstantinoff Jean (inventor). Issued 12-19-33.

1,940,161. Synchronizing system. Barthelemy Rene (inventor); Cie Pour la Fabrication Des Compteurs et Materiel d Usines a Gaz (grantee). Issued 12-19-33.

1,940,175. Method and device for winding a filiform member within a hollow body. Loubet Henri Rene (inventor); Cie Pour la Fabrication Des Compteurs et Materiel d Usine a Gaz (grantee). Issued 12-19-33.

1,940,503. Color reproduction. Nordmann Charles (inventor). Issued 12-19-33.

1,940,524. Fuel pump. Bellem Louis Henri Libert et al, Foss Erling Christian (inventors). Issued 12-19-33.

1,940,620. Process of dehydrating magnesium and similar chlorides. Blumenfeld Joseph (inventor); Soc de Products Chimique des Terres Rares (grantee). Issued 12-19-33.

1,941,158. Automatic brake for windlasses. Spinetta Dominique (inventor); Preparation Industrielle des Combustibles S A (grantee). Issued 12-26-33.

1,941,380. Brake for motor vehicles or the like. Anteleme Louis Xavier et al, Trescartes Leopold (inventors). Issued 12-26-33.

1,941,402. Lubricating device particularly adapted to be used in connection with rotary distributors for internal combustion engines. Konstantinoff Jean (inventor). Issued 12-26-33.

1,941,407. Vibrating blade rectifier. Marianvalle Albert (inventor). Issued 12-26-33.

1,941,487. Carbureting process and apparatus. Portail Fernand Charles Frederic (inventor); S A le Carbone (grantees). Issued 1-2-34.

1,941,618. Multiple system. Nemirovsky Leon (inventor); Belloy Antoine (grantee). Issued 1-2-34.

1,941,678. Electric gasifier. Gamard Henri (inventor). Issued 1-2-34.

1,941,879. Suspension. Dubonnet Andre (inventor). Issued 1-2-34.

1,941,924. Apparatus for maintaining the thickness of drawn glass. Arrault Jules (inventor); S A Des Manufactures Des Glaces et Produits Chimiques de Saint Gobain Chauny & Cirey (grantee). Issued 1-2-34.

1,941,930. Method and means for replacing railroad rails. Collet Pierre et al, Loiseau Rene (inventors); Les Fils D Albert Collet (grantee). Issued 1-2-34.

1,941,945. Device for transforming motor trucks and similar vehicles into winches. Landrin Marcel (inventor). Issued 1-2-34.

1,941,955. Remote transmission and control device. Rondot Leon Adolphe Bernard (inventor). Issued 1-2-34.

1,941,981. Scale. Fontaine Pierre Marie (inventor). Issued 1-2-34.

1,942,105. Apparatus for the lighting of luminescent tubes. Kayser Daniel Paul Albert Andre (inventor). Issued 1-2-34.

1,942,208. Means for obtaining lead in metallic condition. Gamichon Paul (inventor). Issued 1-2-34.

1,942,239. Metal window frame. Chauvet Gabriel (inventor). Issued 1-2-34.

1,942,307. Refrigerator. Reeh Joannes Emmerick Wolf (inventor); S A de Conservation Industrielle Du Poisson (grantee). Issued 1-2-34.

1,942,329. Roller head with endless belts for spinning machines. Gegauff Charles (inventor). Issued 1-2-34.

1,942,343. Dial for various apparatus. Melik Minassiantz Raphael (inventor). Issued 1-2-34.

1,942,347. Liquid dispensing apparatus. Tribout Lucien (inventor); Soc D Etude de Distributeurs Automatiques S E D A (grantee). Issued 1-2-34.

1,942,365. Machine for cutting or unrolling thongs of leather or other material. Rozier Henri Hippolyte (inventor); Manufacture de Chaussures de Moulins S A (grantee). Issued 1-2-34.

1,942,884. Method of and means for radio signaling. Soullie Clement (inventor). Issued 1-9-34.

1,942,956. Apparatus for making explosive gaseous mixtures. De Grey Jack Arnoul (inventor). Issued 1-9-34.

1,943,032. Metal drawing press. Methlin Nicolas Emilien (inventor); Schneider & Cie (grantee). Issued 1-9-34.

1,943,171. Cementation mixture for ferrous metals. Folliet Alexandre et al, Sainderichin Nicolas (inventors). Issued 1-9-34.

1,943,182. Starting device and starting circuit. Louette Joseph Ernest Octave (inventor). Issued 1-9-34.

1,943,206. Folding ladder with rear prop. Corneloup Louis (inventor). Issued 1-9-34.

1,943,208. Machine for filling and corking bottles of any shape and dimension. Dauteuil Edouard Fernand (inventor). Issued 1-9-34.

1,943,210. Automatically variable pitch propeller. De Lavaud Dimitri Sensaud (inventor). Issued 1-9-34.

1,943,396. Change speed gear. Quevrain Leon et al, Quevrain Hippolyte (inventors). Issued 1-16-34.

1,943,397. Apparatus for determining the course and speed of aircraft. Riberolles Rene (inventor). Issued 1-16-34.

1,943,529. Apparatus for grinding cutter bars of mowing machines. Hirth Alphonse (inventor). Issued 1-16-34.

1,943,536. Valve mechanism for cutting off the supply of liquid to reservoirs casks and other containers. Muller Jacques (inventor). Issued 1-16-34.

1,943,705. Automatic mixer for hot and cold water. Trubert Rene (inventor). Issued 1-16-34.

1,944,057. Apparatus for continuous distillation of heavy hydrocarbons. Barbet Emile Augustin (inventor). Issued 1-16-34.

1,944,140. Medical gas producer employing a heated liquid. Noirot Jean (inventor). Issued 1-16-34.

1,944,354. Photogravure process and metal plate therefor. Ludvigsen Niels (inventor). Issued 1-23-34.

1,944,383. Oil bath insulator. Weill Robert (inventor). Issued 1-23-34.

1,944,647. Apparatus for the distillation of bituminous schists. Petit Rene (inventor); Soc Des Schistes et Petroles de Franche Comte (grantee). Issued 1-23-34.

1,944,648. Pump. Saussard Louis (inventor); S A Pour Tous Appareillages Mecaniques (grantee). Issued 1-23-34.

1,944,650. Doorbolt for multileaf doors. Vincent Maurice (inventor). Issued 1-23-34.

1,944,778. Method of protecting lead against corrosion. Benit Henri (inventor); Cie Generale D Electricite (grantee). Issued 1-23-34.

1,944,821. Perfume diffuser. Blaise Leon Marcel (inventor). Issued 1-23-34.

1,944,830. Loom for weaving without a shuttle. Verriere Louis Pierre Julien Antoine (inventor). Issued 1-23-34.

1,945,005. Lock for nuts and bolts. Vacher Nicolas (inventor). Issued 1-30-34.

1,945,032. Production of benzoic acid and benzoates. Demant Jules Emile (inventor); Bozel Maletra Soc Industrialle de Produits Chimiques (grantee). Issued 1-30-34.

1,945,209. Compensated universal joint Villard Marcel (inventor). Issued 1-30-34.

1,945,326. Machine for drilling screwing and tapping. Marchal Pierre Edmond Adolphe (inventor). Issued 1-30-34.

1,945,447. Control of electric motors. Pestarini Joseph Maxime (inventor). Issued 1-30-34.

1,945,454. Remote control device for electric motors. Trubert Rene (inventor). Issued 1-30-34.

1,945,491. Filtering apparatus. Lamort Marcel (inventor); Etablissements E & M Lamort Fils (grantee). Issued 1-30-34.

1,945,492. Pulp strainer. Lamort Marcel (inventor); Etablissements E & M Lamort Fils (grantee). Issued 1-30-34.

1,945,723. Synchronous induction motor. Barthelemy Rene (inventor); Cie Pour La Fabrication Des Compteurs et Material D Usines A Gaz (grantee). Issued 2-6-34.

1,945,745. Thermostat controlling temperature for central heating system. Jauvert Pierre Maurice (inventor); Cressaty Geo M (grantee). Issued 2-6-34.

1,945,892. Rivet setting machine. Gobin Jean Dit Daude (inventor). Issued 2-6-34.

1,945,900. Rotor wheel. Huguenin Albert (inventor). Issued 2-6-34.

1,945,901. Distributor for hydraulic reversing turbines. Huguenin Albert (inventor). Issued 2-6-34.

1,945,989. Electrically controlled clock. Battegay Constant (inventor); S A Des Ateliers Brillie Freres (grantee). Issued 2-6-34.

1,945,990. Time meter. Battegay Constant (inventor); S A Des Ateliers Brillie Freres (grantee). Issued 2-6-34.

1,946,221. Boiler feed water heating plant. Loutz Camille (inventor); Soc Alsacienne de Constructions Mecaniques (grantee). Issued 2-6-34.

1,946,308. Apparatus for radiocommunication. Chireix Henri (inventor). Issued 2-6-34.
1,946,411. Apparatus for blowing bottles and other similar hollow bodies made of glass. Roirant Emile (inventor); S A d'Etudes et de Constructions d'Appareils Mecaniques Pour la Verrerie (grantee). Issued 2-6-34.
1,946,413. Electric welding with magnetic stabilization. Sarazin Robert (inventor). Issued 2-6-34.
1,946,702. Apparatus for indicating the ratio between the linear function of two temperatures. Lanquetin Roger (inventor). Issued 2-13-34.
1,947,802. Automatic pencil. Sabon Raoul (inventor). Issued 2-20-34.
1,947,864. Catalyst for the production of nitric acid and the like. Marmier Louis Jean Alexis (inventor). Issued 2-20-34.
1,947,902 Piston pump. De Stoutz Robert (inventor). Issued 2-20-34.
1,947,924. Machine for manufacturing tubular fabric. Sery Claude (inventor); Soc a Responsabilite Limitee Etablissements Rotatiss (grantee). Issued 2-20-34.
1,947,930. Surfacing apparatus. Escole Paul Joseph Maximilien (inventor); Forges & Ateliers de Constructions Electriques de Jeumont (grantee). Issued 2-20-34.
1,948,047. Fuel pump. Retel Jules Marie Rene (inventor). Issued 2-20-34.
1,948,066. Cinematographic printing machine. Debrie Andre Leon Victor Clement (inventor). Issued 2-20-34.
1,948,074. Sheath holder for a rouge stick. Matheret Rene et al, Garreau Louis (inventors). Issued 2-20-34.
1,948,205. Molding machine. Du Donjon Norbert Jacquemont (inventor). Issued 2-20-34.
1,948,253. Device for sounding purposes and for measurements of distance by the reflected sound of a submarine signal received on shipboard. Blondel Andre Eugene (inventor). Issued 2-20-34.
1,948,404. Mechanical power transmission chain. Tremolieres Gustave Henri (inventor). Issued 2-20-34.
1,948,453. Apparatus for mechanically preparing gluten from flour. Barbade Pierre (inventor); Etablissements Tripette & Renaud Fils (grantees). Issued 2-20-34.
1,948,794. Receptacle. Makowsky Jacques (inventor). Issued 2-27-34.
1,948,800. Apparatus for removing stones from coal. Revelart Auguste Jules (inventor). Issued 2-27-34.
1,948,892. Auditorium. Varin Jules Ernest (inventor). Issued 2-27-34.
1,948,897. Starting device for internal combustion engines. Bailly Marcel (inventor). Issued 2-27-34.
1,948,996. Musical instrument working through a keyboard & photoelectric cell. Toulon Pierre Marie Gabriel (inventor); Ste de Recherches et de Perfectionnements Industriels (grantee). Issued 2-27-34.
1,949,009. Thermostatic radiator control. Dintilhac Jean Georges (inventor); Soc Yacco S A F (grantee). Issued 2-27-34.
1,949,024. Dial arrangement applicable to various apparatus. Melik Minassiantz Raphael (inventor). Issued 2-27-34.
1,949,041. Exhaust silencer. De Lagabbe Edmond (inventor). Issued 2-27-34.
1,949,327. Manicuring instrument. Picard Pierre (inventor). Issued 2-27-34.
1,950,000. Process for the treatment of ores containing lead. Gamichon Paul (inventor). Issued 3-6-34.
1,950,047. Projection apparatus for publicity or other uses. Contal Camille (inventor). Issued 3-6-34.
1,950,063. Air compressor. Pescara Raul Pateras (inventor). Issued 3-6-34.
1,950,064. Grip fastening for suspenders for hose. Pugniet Paul (inventor). Issued 3-6-34.
1,950,069. Apparatus for the removal of solid substances in suspension in a current of gas. Stein Charles M (inventor); S A Fours et Appareils Stein (grantee). Issued 3-6-34.
1,950,228. Rotary internal combustion engine. Dedieu Jean (inventor). Issued 3-6-34.
1,950,305. Distributor control for hydraulic reversing turbines. Huguenin Albert (inventor). Issued 3-6-34.
1,950,494. Method of preventing the incrustation of boilers. Kobseff Joakime (inventor). Issued 3-13-34.
1,950,537. Method for the differential flotation of sulphureted copper and zinc ores. Barthelemy Edmond Marie Camille (inventor). Issued 3-13-34.
1,950,606. Electric resistance. Gindre Eugene (inventor); S A de Carbone (grantee). Issued 3-13-34.
1,950,853. Suction box for the manufacture of paper and similar products. Lamort Ernest (inventor); Soc E & M Lamort Fils (grantee). Issued 3-13-34.
1,950,863. Individual envelope for photographic films. Raguin Georges Andre (inventor); Soc Lumiere (grantee). Issued 3-13-34.
1,950,915. Device combining lift propulsion and Autopropulsion for aircraft. Lado Bordowsky Jean (inventor). Issued 3-13-34.
1,950,950. Servomotor. Piganeau Gerard Pierre (inventor). Issued 3-13-34.
1,951,489. Process for the production of a compound fertilizer. Remy Neris Jean Paul Louis (inventor); Soc Chimique de la Grande Paroisse Azote et Produits Chimiques (grantees). Issued 3-20-34.
1,951,505. Electrically driven childs auto. Dambrine Maurice Alfred (inventor). Issued 3-20-34.
1,951,753. Electrical furnace. George Henri et al, Delpech Gaston (inventors); S A des Manufactures des Glaces & Produits Chimiques de Saint Gobain Chauny & Cirey (grantee). Issued 3-20-34.
1,951,781. System for electrical transmission and reception of pictures documents and the like. Yanouchewsky Vladimir (inventor); Etablissements Edouard Belin (grantee). Issued 3-20-34.
1,951,803. Production of gases for feeding explosion motors. Lombard Pierre Paul et al, Duval Henri Joseph (inventors). Issued 3-20-34.
1,951,836. Process and apparatus for the production of magnesium by electrolysis. Obiedoff Vladimir (inventor); Soc de Produits Chimiques des Terres Rares (grantees). Issued 3-20-34.
1,951,863. Vehicle body. De Vizcaya Jean Antoine Augustin (inventor). Issued 3-20-34.
1,951,923. Crystallizer. Cartoux Henri Gaspard (inventor); Cie de Produits Chimiques et Electrometallurgiques Alais (grantees). Issued 3-20-34.
1,951,994. Process for the preparation of artificial silk. Rochet Joseph (inventor); Cie de Produits et Chimiques Electrometallurgiques Alais (grantee). Issued 3-20-34.
1,952,286. Self releasing clutch. Roux Charles et al, Clemencet Louis Eugene (inventors). Issued 3-27-34.
1,952,542. Superheating device. Ehlinger Marcel (inventor); Soc Alsacienne de Constructions Mecaniques (grantee). Issued 3-27-34.
1,952,810. Electric arc carbon. Lemaigre Louis Edmond (inventor); Cie Lorraine de Charbons Pour L Electricite (grantee). Issued 3-27-34.
1,953,055. Fastener for hand bags. Nahas Michel (inventor). Issued 3-27-34.
1,953,265. Device for the adjustment of receiving sets for wireless waves. Routin Joseph Louis (inventor). Issued 4-3-34.
1,953,552. Apparatus for the vertical filing of file wrappers or similar objects. Dequeker Maurice (inventor); Soc Dite Mce Dequeker & Cie (grantee). Issued 4-3-34.
1,953,556. Shutter for photographic apparatus. Gitzhoven Arsene (inventor); Gitzo S A (grantee). Issued 4-3-34.
1,953,563. Vehicle. Martinage Leon (inventor). Issued 4-3-34.
1,953,569. Apparatus for applying waterproof bands for glazing and the like. Sagit Leon Joseph (inventor); Paix & Cie (grantee). Issued 4-3-34.
1,953,731. Windshield cleaner. Thibault Emile (inventor). Issued 4-3-34.
1,954,208. Producer gas engine apparatus. Imbert Jean P (inventor). Issued 4-10-34.
1,954,396. Method of and apparatus for measuring transmission levels. Viard Georges (inventor); Lignes Telegraphiques et Telephoniques (grantee). Issued 4-10,34.
1,954,785. Means for breaking electric circuits. Bresson Charles (inventor); Ateliers de Constructions Electriques de Delle (grantee). Issued 4-17-34.
1,954,876. Mounting of objectives for use with cinematographs & like projectors. Joannides Alexandre Georges (inventor); Soc Pour L Exploitation Des Brevets A G I (grantee). Issued 4-17-43.
1,954,890. Device to reverse the rotation of coupled shafts. Rembert Juste et al, Salvetti Casimir (inventor); Dirac (grantee). Issued 4-17-34.
1,954,899. Rubbered shoe for horses or other hoofed animals. Thuillier Georges (inventor). Issued 4-17-34.
1,954,916. Internal combustion engine. Bugaud Charles (inventor). Issued 4-17-34.
1,954,922. Method for the aluminothermic preparation of air quenching steel. Delachaux Clarence Leon (inventor). Issued 4-17-34.
1,954,934. Elastic hinge joint. Houdaille Maurice et al, Lecler Charles (inventors). Issued 4-17-34.
1,955,116. Photographic reconstruction apparatus. Duchatellier Henry (inventor); L Aerotopographie (grantee). Issued 4-17-34.
1,955,326. Process for the manufacture of chromates and dichromates. Demant Jules Emil (inventor); Bozel Maletra Soc Industrielle de Produits Chimiques (grantee). Issued 4-17-34.
1,955.658. Arrangement for engraving cylinders to obtain films with refringent elements. Rodde Armand et al, Herault Albert Henri, Hudeley Victor, Lagrave Jean (inventors). Issued 4-17-34.
1,955,952. Method for pouring glass. Chan Andre Do Huu (inventor); S A Des Manufactures des Glaces et Produits Chimiques de Saint Gobain Chauny Cirey (grantees). Issued 4-24-34.
1,956,134. Transmitting circuits with thermionic valves. Ruspoli Edmondo (inventor). Issued 4-24-34.
1,956,222. Fuse for projectiles. Methlin Nicolas Emilien (inventor); Schneider & Cie grantee). Issued 4-24-34.
1,956,223. Fuse for projectiles. Methlin Nicolas Emilien (inventor); Schneider & Cie (grantee). Issued 4-24-34.
1,956,329. Apparatus for cleaning and stripping grain. Moureaux Rene (inventor); Soc de Construction Mecanique de Vierzon Anciens Etablissements Brouhot & Cie (grantee). Issued 4-24-34.
1,956,339. Electromechanical lamp. Bernasconi Charles et al, Berthier Rene Marie (inventors). Issued 4-24-34.
1,956,384. Pocket crytographic apparatus. Gentet Albert (inventor). Issued 4-24-34.
1,956,612. Fuel injection pump for internal combustion engines. Brun Georges Jean Pierre Jules Joseph (inventor); Soc D Etudes & D Exploitation de Generateur a Piston Libre (grantee). Issued 5-1-34.

1,956,667. Apparatus for the sterilization of milk by the action of ultraviolet light. Castelain Louis (inventor). Issued 5-1-34.
1,956,668. Hydropneumatic shock absorber. Charles Maurice (inventor). Issued 5-1-34.
1,956,669. Shock absorber. Charles Maurice (inventor). Issued 5-1-34.
1,956,749. Catalytic heating device. Terret Henri Georges (inventor). Issued 5-1-34.
1,956,755. Device for stabilizing airplanes by means of wind vanes. Constantin Louis (inventor). Issued 5-1-34.
1,956,760. Method and apparatus for the magnetic separation of mixed products. Forrer Robert Charles (inventor); Mines Domaniales de Potasse D Alsace (grantee). Issued 5-1-34.
1,956,899. Adhesive. Goldmann Jacques (inventor); Levy Armand (grantee). Issued 5-1-34.
1,956,926. Process for the simultaneous manufacture of ammonium phosphate and of other fertilizing substances. Mitteau Ferdinant (inventor); Soc D Etudes Scientifiques et D Entreprises Industrielles (grantees). Issued 5-1-34.
1,957,010. Multiple tariff metering system. Chirol Maurice (inventor); Cie Pour La Fabrication des Compteurs et Materiel D Usines A Gaz (grantees). Issued 5-1-34.
1,957,148. Device for reducing the stresses upon films in cinematographic apparatus. Oehmichen Etienne (inventor). Issued 5-1-34.
1,957,149. Aerial navigation machine utilizing a light gas. Oehmichen Etienne Edmond (inventor). 5-1-34.
1,957,196. Coupling mechanism. Bonnet Maurice (inventor). Issued 5-1-34.
1,957,283. Electrolytic vat. Obiedoff Vladimir (inventor); Soc De Produits Chimiques Des Terres Rares (grantee). Issued 5-1-34.
1,957,284. Electrolytic process for the production of magnesium. Obiedoff Vladimir (inventor); Soc De Produits Chimiques Des Terres Rares (grantee). Issued 5-1-34.
1,957,285. Device for throwing anchors from aircraft. Oehmichen Etienne Edmond (inventor). Issued 5-1-34.
1,957,350. Compound fertilizer and process for manufacturing same. Remy Neris Jean Paul Louis (inventor); Soc Chimique De La Grande Paroisse Azote et Produits Chimiques (grantee). Issued 5-1-34.
1,957,354. Process of protecting light metals against corrosion. Prier Pierre (inventor). Issued 5-1-34.
1,957,392. Automatically operating musical instrument of the electric oscillation type. Coupleux Edouard Eloi et al, Givelet Joseph Armand (inventors). Issued 5-1-34.
1,957,420. Cinemato phonographic photography. Butez Pierre et al, Contant Pierre (inventors); Soc Independante De Telegraphie Sans Fil (grantee). Issued 5-1-34.
1,957,539. Apparatus for reading sound on cinematograph sound films. Joannides Alexandre Georges (inventor); Soc Pour L Exploitation Des Brevets A G I (grantee). Issued 5-8-34.
1,957,540. Apparatus for reading sound on Cinematograph sound films. Joannides Alexandre Georges (inventor); Soc Pour L Exploitation Des Brevets A G I (grantee). Issued 5-8-34.
1,957,876. Process for the treatment of sugar juices. Wuidart Paul (inventor); Soc Industrielle Et Agricole De La Somme. Issued 5-8-34.
1,957,881. Measuring and distributing apparatus for alimentary liquids or others and more particularly for milk. Fouga Francois (inventor). Issued 5-8-34.
1,957,890. Slack adjusting device for brakes. Houplain Georges (inventor); Soc Des Freins Houplain (grantee). Issued 5-8-34.
1,958,152. Device for automatically adjusting the size of the loop in cinematographic apparatus. Oehmichen Etienne (inventor). Issued 5-8-34.
1,958,159. Disconnecting switch with compensated electrodynamic forces. Bresson Charles (inventor); Ateliers De Constructions Electriques De Delle (grantee). Issued 5-8-34.
1,958,323. Manufacture of aluminum in high power tanks. Torchet Pierre Jean Michel (inventor); Cie De Produits Chimiques Et Electrometallurgiques O'ais Froges Et Camargue (grantee). Issued 5-8-34.
1,958,324. Auditorium. Varin Jules Ernest (inventor). Issued 5-8-34.
1,958,333. Turbine. Danel Herman (inventor). Issued 5-8-34.
1,958,699. Process for securing compounds of lead. Gamichon Paul (inventor). Issued 5-15-34.
1,958,818. Carburetor. Goudard Maurice (inventor); S A Solex (grantee). Issued 5-15-34.
1,958,820. Method of manufacturing margarine. Gropengiesser Kurt (inventor). Issued 5-15-34.
1,959,450. Brake testing apparatus. Taylor Arthur George (inventor); Wahiche Maurice (grantee). Issued 5-22-34.
1,959,477. Tread train for an endless band vehicle. Kegresse Adolphe (inventor). Issued 5-22-34.
1,959,480. Process for the production of nitrate of lime through absorption at elevated temperatures of nitrous fumes. Lefort Des Ylouses Gaston (inventor); L Azote Francais (grantee). Issued 5-22-34.
1,959,498. Production of composite motion pictures. Planskoy Leonti (inventor); Soc A R L Metra (grantee). Issued 5-22-34.
1,959,527. Electric machine with laminated masses. Ehrmann Paul (inventor). Issued 5-22-34.
1,959,547. Process of extracting acetic acid from pyroligneous substances. Ricard Eloi et al. inventors); Guinot Henri Martin, S A Usines De Melle (grantees). Issued 5-22-34.
1,959,620. Lock nut and washer. Eveno Alexandre Auguste (inventor). Issued 5-22-34.
1,959,676. Hay gathering and trussing machine. Jeanson Auguste Mari (inventor). Issued 5-22-34.
1,959,704. Suspension of railway cars and other vehicles. Bugatti Jean (inventor). Issued 5-22-34.
1,959,723. Spinning process. Lejeune Leon Sylvain Max et al, Bongrand Jean Etienne Charles (inventors). Issued 5-22-34.
1,959,942. Hoeing tractive engine. Avignon Edouard Georges (inventor). Issued 5-22-34.
1,960,094. Process for recording and reproducing. Thurm Leon (inventor). Issued 5-22-34.
1,960,119. Manicure set. Mirmann Georgette (inventor). Issued 5-22-34.
1,960,129. Recording emitting assembly for automatic telephone systems. Tchoubritch Michel (inventor); S A Francaise Dite Soc Nouvelle De Constructions Telephoniques Brevets Tchou Britch Derval (grantee). Issued 5-22-34.
1,960,136. Means for obstructing the flow of molten glass. Boudin Louis (inventor); S A Des Manufactures Des Glaces and Produits Chimiques De Saint Gobain Chauny and Cirey (grantee). Issued 5-22-34.
1,960,142. Spark Gap for Electric Oscillations generators. De Paniagua Marie Louise Ysabel (inventor). Issued 5-22-34.
1,960,149. Foldable container for disinfectant odorants and the like substances. Gilot Emile Armand (inventor); Soc S E P (grantee). Issued 5-22-34.
1,960,222. Manufacture of tempered glass. Long Bernard (inventor); S A Des Manufactures Des Glaces and Produits Chimiques De Saint Gobain Chauny and Cirey (grantee). Issued 5-22-34.
1,960,648. Apparatus for permanent waving of the hair. Peyrole Gabriel (inventor). Issued 5-29-34.
1,960,875. Powder puff. Parisot Paul (inventor). Issued 5-29-34.
1,960,951. Method of converting by catalysis mineral and vegetable oils. Oppenheim Rene (inventor); S A Le Carbone (grantee). Issued 5-29-34.
1,960,986. Process of preparation of beryllium fluoride from a double fluoride of beryllium and of an alkali metal. Beja Maurice (inventor); Cie De Produits Chimiques Et Electrometallurgiques alais Froges Et Camarque (grantee). Issued 5-29-34.
1,960,987. Anti water hammer device for pipe lines under pressure. Biclet Emile (inventor). Issued 5-29-34.
1,961,205. Automobile body. De Vizcaya Jean Antoine Augustin Dec (inventor); Johanet Henri Lucien Leon Admr (grantee). Issued 6-5-34.
1,961,275. High tension ignition magneto. Bernard Jean (inventor). Issued 6-5-34.
1,961,304. Method of treatment of friction pieces comprising an exuding substance. Ricard Alfred Edouard (inventor). Issued 6-5-34.
1,961,312. Magnetic compass for aviation navigation and other purposes. Vlon-Eugene (inventor). Issued 6-5-34.
1,961,315. Testing plant for internal combustion engines. Waseige Charles Raymond (inventor); Farman Henry, Farman Maurice (grantees). Issued 6-5-34.
1,961,475. Circuit breaker with liquid or gas blow outs. Clerc Andre (inventor). Ateliers De Constructions Electriques De Delle (grantee). Issued 6-5-34.
1,961,537. Coin controlled vending and change making mechanism. Velazquez Federico (inventor). Issued 6-5-34.
1,961,729. Current rectifier Audubert Rene (inventor). Issued 6-5-34.
1,961,872. Stop for bottles by metallic capsules. Colombani Colomban (inventor). Issued 6-5-34.
1,961,887. Direct current motor control. Lejeune Fernand (inventor); Forges & Ateliers De Constructions Electriques De Jeumont S A (grantee). Issued 6-5-34.
1,962,054. Device for heating viscous liquid in a tank. Cantacuzene Servan Georges (inventor). Issued 6-5-34.
1,962,070. Ships log. Granat Elie (inventor); Cie Des Forges Et Acieries De La Marine Et D Homecourt (grantee). Issued 6-5-34.
1,962,078. Spark plug. Kegresse Adolphe. (inventor). Issued 6-5-34.
1,962,079. Sparking plug for internal combustion engines. Kegresse Adolphe (inventor). Issued 6-5-34.
1,962,300. Device for amplifying and diffusing sound. Ephraim Armand Fernand (inventor). Issued 6-12-34.
1,962,650. Air purifying device. Torrebadella Michel (inventor). Issued 6-12-34.
1,962,700. Grab. Allard Pierre Jean Marie Theodore (inventor); Soc Francaise De Construction De Bennes Automatiques (grantee). Issued 6-12-34.
1,962,813. Talking machine. Fauchet Honore (inventor). Issued 6-12-34.
1,962,845. Apparatus for cooling liquids. Sideris Andre Basile (inventor). Issued 6-12-34.
1,962,892. Anamorphotic lens system and method of making the same. Chretien Henri (inventor); Soc Technique D Optique Et De Photographie (grantee). Issued 6-12-34.
1,962,952. Controlling device for heat exchanging apparatus. Dauphin Andre Lucien (inventor). Issued 6-12-34.
1,962,970. Apparatus for the handling of shoes mounted upon lasts. Ple Edmond et al, Ple Pierre, Ple Marcel (inventors). Issued 6-12-34.
1,963,037. Circuit closing device for steering wheels. Turgeon Charles (inventor). Issued 6-12-34.

1,963,268. Electric motor control. Heidmann Leon (inventor); Forges & Ateliers De Constructions Electriques De Jeumont S A (grantee). Issued 6-19-34.
1,963,432. Engine set. Baudon Francois (inventor). Issued 6-19-34.
1,963,447. Loose leaf binder. Prache Andre (inventor). Issued 6-19-34.
1,963,711. Process for the manufacture of fertilizers. Mitteau Ferdinand (inventor); L Air Liquide S A Pour L Etude Et L Exploitation Des Procedes Georges Claude (grantees). Issued 6-19-34.
1,963,785. Inkwell. Gerschel Paul (inventor). Issued 6-19-34.
1,963,880. Friction operated mechanism. Barthelemy Pierre (inventor). Issued 6-19-34.
1,963,890. Manufacture of thin panels. De Fleury Raymond (inventor). Issued 6-19-34.
1,963,893. Process for the production of metals in a finely divided state. Drouilly Eugene (inventor); S A Trefileries & Laminoirs Du Havre (grantee). Issued 6-19-34.
1,964,109. Mechanism for actuating windshield wipers. Cusset Jules Emilien (inventor). Issued 6-26-34.
1,964,196. Regulator for hydraulic cylinders. Cuttat Georges (inventor); S A Des Etablissements Cuttat (grantee). Issued 6-26-34.
1,964,210. Lady's Bathing Garment. Negri Teresina Maria (inventor). Issued 6-26-34.
1,964,246. Apparatus for automatically charging batteries. Ber t Henri (inventor). Issued 6-26-34.
1,964,658. Manufacture of threads of textile material. Bongrand Jean Etienne Charles et al, Lejeune Leon Sylvain Max (inventors). Issued 6-26-34.
1,964,762. Clutch mechanism for use with winches. Jund Frederic (inventor); Les Ateliers De St Pierre (grantee). Issued 7-3-34.
1,964,814. Process for the treatment of coffee for the purpose of expelling the caffeine. Gilbert Pierre (inventor). Issued 7-3-34.
1,964,832. Electrode for arc furnaces. Soulary Pierre (inventor); L Air Liquide S A Pour L Etude Et L Exploitation Des Procedes George Claude (grantee). Issued 7-3-34.
1,964,862. Process for the manufacture of moisture proof opaque or transparent paper. Sonnenfeld Eugene (inventor). Issued 7-3-34.
1,964,877. Apparatus for the treatment of fuel. Hereng Alfred Jean Andre (inventor). Issued 7-3-34.
1,964,878. Process and apparatus for the low temperature distillation of solid fuels. Hereng Alfred Jean Andre (inventor). Issued 7-3-34.
1,965,046. Electrical distant indicating apparatus. Methlin Nicolas Emilien (inventor); Schneider & Cie (grantee). Issued 7-3-34.
1,965,433. Spring suspension for motor vehicles. Schwoerer Charles (inventor). Issued 7-3-34.
1,965,473. Telemechanical control device for shock absorbers. Simon Lucien (inventor). Issued 7-3-34.
1,965,504. Apparatus for the treatment of cinematographic and similar films. Marcon Rene (inventor). Issued 7-3-34.
1,965,724. Stamping machine. Sanglier Armand et al, Sanglier Rene, Sanglier Henry (inventors); Soc des Appareils a Timbrer et a Affranchir Systeme Sanglier (grantees). Issued 7-10-34.
1,965,762. Self oscillating electric clock. Battegay Constant (inventor); S A des Ateliers Brille Freres (grantee). Issued 7-10-34.
1,965,763. Electric clock. Battegay Constant (inventor); S A Des Ateliers Brille Freres (grantee). Issued 7-10-34.
1,965,776. Manufacture of sulphides of nitro aminodiphenyl or substitution products thereof. Lantz Robert (inventor); S A Des Matieres Colorantes & Produits Chimiques de Saint Denis (grantees). Issued 7-10-34.
1,965,792. Esters of unsubstituted and alpha substituted cyclopentenylacetic acid and their production. Chaux Rene (inventor); Cie de Bethune (grantee). Issued 7-10-34.
1,965,801. Lighting system for vehicles. Gandillon Pierre Albert (inventor). Issued 7-10-34.
1,965,918. Apparatus for massaging purposes. Auberger Thomas (inventor). Issued 7-10-34.
1,965,922. Apparatus for the manufacture of cakes of carbonic snow. Fievet Henri (inventor). Issued 7-10-34.
1,965,932. Carburetor. Schimanek Emil (inventor); Soc Du Carburateur Bieriot (grantee). Issued 7-10-34.
1,966,237. Storage battery separator. Dinin Alfred (inventor). Issued 7-10-34.
1,966,480. Method of preparing alloys. Berthelemy Pierre et al, De Montby Henry, Pouvreau Jean Marie (inventors); S A Francaise Dite Soc Des Brevets, Berthelemy de Montby (grantee). Issued 7-17-34.
1,966,481. Homogeneous antimony bismuth alloy. Berthelemy Pierre et al, De Montby Henry, Pouvreau Jean Marie (inventors); S A Francaise Dite Soc des Brevets, Berthelemy de Montby (grantees). Issued 7-17-34.
1,966,616. Generating oscillations device. David Pierre Bernard Francois (inventor). Issued 7-17-34.
1,966,694. Pump. Vaudet Paul Lazare et al Guitaut Fernand Auguste (inventors). Issued 7-17-34.
1,966,846. Driving device for propelling vehicles. Cassagne Georges Raymond (inventor). Issued 7-17-34.
1,966,871. Machine for decorticating maize cobs Serre Eugene Edmond Charles (inventor). Issued 7-17-34.
1,966,992. Indicating apparatus such as clocks barometers meters and the like. Melik Minassiantz Raphael (inventor). Issued 7-17-34.
1,967,159. Rotary apparatus for converting alternating electric currents to direct electric currents and vice versa. Pestarini Joseph Maxime (inventor). Issued 7-17-34.
1,967,396. Alarm selector apparatus. Chauveau Louis L E (inventor). Issued 7-24-34.
1,967,513. Electronic discharge tube. Ponte Maurice (inventor); La Radiotechnique (grantee). Issued 7-24-34.
1,967,739. Machine for hooping or strapping boxes and other packages or objects. Brenneisen Herman (inventor). Issued 7-24-34.
1,967,989. Blow out chamber with insulating grids. Clerc Andre (inventor); Ateliers de Constructions, Electriques de Delle (grantees). Issued 7-24-34.
1,967,996. Electric circuit breaker. Bresson Charles (inventor); Ateliers de Constructions, Electriques de Delle (grantees). Issued 7-24-34.
1,968,085. System of navigation and plant for carrying it out. Loth William Arthur (inventor); Soc Industrielle des Procedes, W A Loth (grantees). Issued 7-31-34.
1,968,208. Hydrogenation of organic substances. Hugel Georges et al, Paul Marcel, Boistel Maurice (inventors); Soc d Etudes Chimiques Appliquees S E C A (grantee). Issued 7-31-34.
1,968,223. Process of treating paper pulp. Rosen Gotthard (inventor). Issued 7-31-34.
1,968,245. Phonograph. Bussoz Pierre Joseph (inventor). Issued 7-31-34.
1,968,317. Demountable reflector assembly. Schmitt Paul (inventor). Issued 7-31-34.
1,968,439. Gearing. Cousin Maurice (inventor). Issued 7-31-34.
1,968,565. Conenction for blasting fuses and method of using the same. Mallet Louis Charles Richard (inventor). Issued 7-31-34.
1,968,599. Manufacture of chromium oxide. Demant Jules Emile (inventor); Bozel Maletra Soc Industrielle de Produits Chimiques (grantees). Issued 7-31-34.
1,968,604. Transmitting gear. Hertz Stanislas et al, Berger Maurice Pierre (inventors). Issued 7-31-34.
1,968,950. Cover for culinary utensils. Maigret Andre (inventor). Issued 8-7-34.
1,969,202. Fuel vaporizing device. Bugaud Charles (inventor). Issued 8-7-34.
1,969,214. Riveting machine. Gobin Jean Dit Daude (inventor). Issued 8-7-34.
1,969,298. Obturating & distributing apparatus for fluids. Doue Emile Eugene (inventor). Issued 8-7-34.
1,969,704. Acoustic device. D Alton Andre (inventor). Issued 8-7-34.
1,969,808. Rotary plugging tool. Lentulo Henri (inventor). Issued 8-14-34.
1,969,932. Substitute for rubber and the process of its manufacture. Laurin Louis et al, Bidot Emile (inventors). Issued 8-14-34.
1,970,240. Portable crane. Marchaut Pierre Jean (inventor). Issued 8-14-34.
1,970,273. Production of materials decorative articles and protecting linings or the like by the transformation of fibrous cellulose materials. Bosso Valentino et al, Silvestrini Nicolo, Sacchi Francesco (inventors); Botta Guido (grantee). Issued 8-14-34.
1,970,285. Binding arrangement. Douvry Roger Marie Louis (inventor); Draeger Freres (grantee). Issued 8-14-34.
1,970,648. Combing machine. Dolder Henri (inventor); Soc Alsacienne de Constructions Mecaniques (grantees). Issued 8-21-34.
1,970,708. Glasshouse. Ritter Robert (inventor). Issued 8-21-34.
1,970,882. Flanging press delivery device. Bremont Andre (inventor); Soc Des Agrafes Francaises S A (grantee). Issued 8-21-34.
1,971,080. Ladys bathing garment. Negri Teresina Maria (inventor). Issued 8-21-34.
1,971,085. Suspension of the seats of vehicles. Tissier Guy Albert (inventor); Soc D Exploitation Des Brevets Lecocq and Tissier (grantee). Issued 8-21-34.
1,971,126. Winch for the operation of grabs buckets and the like. Allard Pierre Jean Marie Theodore (inventor); Soc Francaise De Construction De Bennes Automatiques (grantee). Issued 8-21-34.
1,971,176. Four cycle internal combustion engine. Dugelay Paul (inventor); Soc D Exploitation De Brevets Pour L Industrie L Aviation Et L Automobile S E B I A (grantee). Issued 8-21-34.
1,971,293. Carburetor. Le Breton Leon (inventor); Soc A Responsabilite Limitee Carburateur Nutrix (grantee). Issued 8-21-34.
1,971,433. Method for coating cylindrical members with a hard material. Tartrais Eugene Henri (inventor). Issued 8-28-34.
1,971,643. Automatic adjusting device. De Lavaud Dimitri Sensaud (inventor). Issued 8-28-34.
1,971,645. Engine and propeller arrangement chiefly adapted for aeroplanes and like aircraft. Ehmig Victor (inventor). Issued 8-28-34.
1,971,843. Packing of dental amalgams. Allaire Eugene (inventor). Issued 8-28-34.
1,971,847. Method of impregnating a solid to control its chemical activity. Baume Georges et al., Glorifet Andre (inventors). Issued 8-28-34.
1,971,859. Printing device for tabulating machines for perforated cards. Knutsen Knut Andreas (inventor). Issued 8-28-34.
1,971,860. Printing device. Knutsen Knut Andreas et al., Vethe Anders Eirikson (inventors). Issued 8-28-34.

1,972,011. Process for manufacturing carbon papers. Deplanche Armand (inventor). Issued 8-28-34.
1,972,257. Thermostatic detector. Bory Georges Henri Louis Gaston (inventor). Issued 9-4-34.
1,972,377. Automatic demultiplying apparatus. De Laderriere Marcel (inventor). Issued 9-4-34.
1,972,427. Refrigerating system. Normelli Wulf Berzelius (inventor). Issued 9-4-34.
1,972,438. Automobile dashboard. Bugatti Ettore (inventor). Issued 9-4-34.
1,972,600. Device for the production of artificial smoke. Reboul Raoul Celestin et al., Boissou Pierre (inventors); S A Des Hauts Fourneaux Et Fonderies De Pont A Mousson (grantee). Issued 9-4-34.
1,972,646. Acetylene gas generator. De La Rochette Charles (inventor). Issued 9-4-34.
1,972,666. Method and machine for the treatment of grain. Pays Achille (inventor). Issued 9-4-34.
1,972,674. Lug matrix for type metal. Barennes Robert P (inventor). Issued 9-4-34.
1,973,290. Turbine. Leon Gabriel (inventor); S A Des Brevets Leon (grantee). Issued 9-11-34.
1,973,306. Apparatus for developing. Breton Jean (inventor). Issued 9-11-34.
1,973,325. Feeding and emptying device for reservoirs. Berger Jacques Louis Bernard (inventor); Guinard Andre Paul (grantee). Issued 9-11-34.
1,973,504. Telecommunication system. Pierrot Andre (inventor); Lignes Telegraphiques et Telephoniques (grantee). Issued 9-11-34.
1,973,519. Change speed mechanism. Barthelemy Pierre (inventor). 9-11-34.
1,973,635. Manufacture of azo dyestuffs containing sulphur. Lantz Robert (inventor); S A Des Matieres Colorantes and Produits Chimiques De Saint Denis (grantee). Issued 9-11-34.
1,973,636. Manufacture of azo dyestuffs containing sulphur from diazotized orthoaminophenols. Lantz Robert (inventor); S. A Des Matieres Colorantes and Produits Chimiques De Saint Denis (grantee). Issued 9-11-34.
1,973,644. Device for fixing glasses. Magis Auguste (inventor). Issued 9-11-34.
1,974,236. Sampling apparatus for liquids Cantacuzene Servan Georges (inventor). Issued 9-18-34.
1,974,239. Calculating machine. Gorbatchewsky Alexis (inventor). Issued 9-18-34.
1,974,481. Process for obtaining a finely divided carbonaceous product. Antonoff George et al., Freedland Jean (inventors). Issued 9-25-34.
1,974,551. Automatic telephone signaling apparatus. Tuscher Jean Edouard, Spiro Marcel et al (inventors); Soc De L Avertisseur Telephonique Automatique (grantee). Issued 9-25-34.
1,974,678. Pump. Lafont Lucien (inventor). Issued 9-25-34.
1,974,722. Apparatus for catalyzing oil. Oppenheim Rene (inventor); S A Le Carbone (grantee). Issued 9-25-34.
1,974,795. Brush. Cahen Georges, Chevalier Paul et al (inventors). Issued 9-25-34.
1,975,037. Spooling machine. Durand Marcel Paul (inventor). Issued 9-25-34.
1,975,231. Apparatus for recording or reproducing sound on films. Joannides Alexandre Georges (inventor); Soc Pour L Exploitation Des Brevets A G I (grantee). Issued 10-2-34.
1,975,319. Centrifugal machine for purification of paper pulp and analogous masses. Grauss Georges (inventor). Issued 10-2-34.
1,975,398. Process for the manufacture of molding sand as used for making cores and flask molding free and template moldings. Malaspina Jean Amedee (inventor). Issued 10-2-34.
1,975,399. Process for the manufacture of molding sand more particularly suitable for the confection of cores and stone bed molds. Malaspina Jean Amedee (inventor). Issued 10-2-34.
1,975,502. Transmission belt or chain for internal combustion motors or the like. Cousin Maurice (inventor). Issued 5-16-33.
1,975,638. Sewage purification. Girard Alexandre (inventor). Issued 5-16-33.
1,975,675. Mechanical regulation or tension indicator. Antelme Louis Xavier (inventor). 5-16-33.
1,975,676. Resiliently articulated joint. Antelme Louis Xavier (inventor). Issued 5-16-33.
1,975,725. Vehicle. Martinage Leon (inventor). Issued 5-16-33.
1,975,726. Endless track vehicle. Martinage Leon (inventor). Issued 5-16-33.
1,976,180. Shaking sieve. Marot Emile (inventor). Issued 10-9-34.
1,976,428. Self regulating heliostat. Arthuys Jacques Marie et al, Bayle Andre (inventors); Soc Said Arthel Soc D Exploitation des Brevets Jacques Arthuys (grantee). Issued 10-9-34.
1,976,459. Process for rough turning in the lathe or similar machine tool. Quichon Paul (inventor). Cie des Forges de Chatillon Commentry & Neuves Maisons (grantee). Issued 10-9-34.
1,976,630. Method and apparatus for effecting combustion in internal combustion engines. Pescara Raul Pateras (inventor). Issued 10-9-34.
1,976,861. Protractor device. Tombal Leon Emile (inventor). Issued 10-16-34.
1,976,933. Recovery by cold of a constituent in a gas mixture. Gobert Maurice (inventor); L Air Liquide S A Pour l Etude and l Exploitation des Procedes Georges Claude (grantee). Issued 10-16-34.
1,976,951. Suspension of vehicles. Lombard Edmond (inventor). Issued 10-16-34.
1,976,986. Decorative lining for walls or other partitions Desagnat Gaston (inventor). Issued 10-16-34.
1,977,182. Corrosion resisting ferrous alloy adapted for forging and casting purposes. Fould Maurice Palmyre (inventor); S A des Hauts Fourneaux Forges and Acieries de Pompey (grantee). Issued 10-16-34.
1,977,526. Cooling device. Piscetta Frederic (inventor); Sogni Joseph (grantee). Issued 10-16-34.
1,977,592. Cock for fluid pressure conduits. Reure Francois Louis Rene et al, Martin Francois Gabriel (inventors). Issued 10-16-34.
1,977,933. Comb for cutting and thinning the hair. Agostini Leon (inventor). Issued 10-23-34.
1,977,938. Spark plug. Excoffier Eugene (inventor). Issued 10-23-34.
1,978,202. Portable electric lamp. Hochon Robert Eugene (inventor). Issued 10-23-34.
1,978,243. Apparatus for permanent hair waving. Agostini Louis Gaetano (inventor); Agostini Leon (grantee). Issued 10-23-34.
1,978,320. Method for producing stabilized mixture of spirit and water. Musset Francois (inventor). Issued 10-23-34.
1,978,447. Process for the preparation separation and purification of salts salt solutions and other solutions. Austerweil Geza et al., Jeanprost Charles (inventors). Issued 10-30-34.
1,978,741. Process for the manufacture of artificial silks. Delpech Jacques et al, Heinrich Constantin (inventors). Issued 10-30-34.
1,978,864. Operating mechanism for feeding apparatus for liquids. Gueux Joseph Jean Marie (inventor). Issued 10-30-34.
1,978,945. Apparatus for the distillation of coal. Hereng Alfred Jean Andre (inventor). Issued 10-30-34.
1,979,011. Disappearing carriage for aircraft. Potez Henry Charles Alexandre (inventor). Issued 10-30-34.
1,979,185. Apparatus for the final refining of benzols washed with acid. Barbet Emile Augustin (inventor). Issued 10-30-34.
1,979,194. Airplane having a variable lifting surface. Gerin Jacques (inventor). Issued 10-30-34.
1,979,195. Cam. Govare Harry Paul et al, Salomon Francois Marie, Michel Bernard (inventors). Issued 10-30-34.
1,979,439. Hydraulic rotatory and translatory device. Benit Henri (inventor); Cie Generale d Electricite (grantee). Issued 11-6-34.
1,979,440. Storage battery charging system. Benit Henri (inventor); Cie Generale D Electricite (grantee). Issued 11-6-34.
1,979,509. Driving mechanism for revolving needle bars of combing and gilling machines. Van Hille Pierre (inventor); Ateliers Saint Eloi (grantee). Issued 11-6-34.
1,979,533. Rail bond. Dupuy Victor Emile (inventor). Issued 11-6-34.
1,979,597. Manufacture of lasts. Amann Paul et al, Ple Andre (inventors). Issued 11-6-34.
1,979,605. Method and apparatus for dispensing gas containing beverages and the like. Charmat Eugene (inventor). Issued 11-6-34.
1,979,757. Liquid fuel burner. Melot Henri Fabrice (inventor). Issued 11-6-34.
1,980,276. Endless track vehicle. Kegresse Adolphe (inventor). Issued 11-13-34.
1,980,423. Automatic recovery device for pneumatic suspensions. Messier George Louis Rene Jean (inventor). Issued 11-13-34.
1,980,469. Device for controlling the action of a fluid. Breton Jean (inventor). Issued 11-13-34.
1,980,493. Emptying device for bathing tubs or the like. Morisseau Jacques Henri (inventor) Issued 11-13-34.
1,980,611. Brake. Brisson Louis Charles (inventor) S A Soc des Freins Hydrauliques S de Lavaud (grantee). Issued 11-13-34.
1,980,633. Wind screen ensuring direct vision through the air. Pottier Yves Leon Jacques (inventor). Issued 11-13-34.
1,980,847. Device for regulating the pitch of variable pitch propellers during flight. Breguet Louis (inventor); S A des Ateliers d Aviation, Louis Breguet (grantees). Issued 11-13-34.
1,980,882. Hydraulic pressure device for rolling mills. See Jacques et al, Huot Leon (inventors), Etablissements Hutchinson le Materiel Special L M S (grantees). Issued 11-13-34.
1,980,886. Device indicating the flying altitude of aircraft. Talafre Remi et al, Renault Henri (inventors). Issued 11-13-34.
1,980,911. Electric organ and method of electrically producing tones. Coupleux Edouard Eloi et al, Givelet Joseph Armand (inventors). Issued 11-13-34.
1,980,912. Electric radio organ. Couplex Edouard Eloi et al, Givelet Joseph Armand (inventors). Issued 11-13-34.
1,981,408. Permutation lock. Zuili Maurice (inventor). Issued 11-20-34.
1,981,600. Uninflammable balloon. Letourneur Jean (inventor). Issued 11-20-34.
1,981,609. Connecting rod. Berland Leon Antoine (inventor). Issued 11-20-34.
1,982,134. Circuit breaker with liquid or gas blowout. Clerc Andre (inventor); Soc Ateliers de Constructions Electriques de Delle (grantee) Issued 11-27-34.
1,982,143. Picture framing and the like. Schill Rene Jacques (inventor). Issued 11-27-34.
1,982,171. Warp pile fabric. Lorthiois Robert (inventor). Issued 11-27-34.
1,982,420. Fuel for internal combustion engines. De La Riboisiere Jean Felix Paul (inventor). Issued 11-27-34.

1,982,603. Eccentric control. Barbarou Marius Jean Baptiste (inventor). Issued 11-27-34.
1,982,726. Process of manufacturing bimetallic appendixes for monometallic balances. Ditisheim Paul (inventor). Issued 12-4-34.
1,983,432. Synchronizing system for television. Barthelemy Rene (inventor); Cie Pour La Fabrication Des Compteurs Et Material D Usines A Gaz (grantee). Issued 12-4-34.
1,983,435. Radio Signaling system. Blondel Andre (inventor). Issued 12-4-34.
1,983,475. Breathing apparatus. Lemoine Georges Eugene (inventor). Issued 12-4-34.
1,984,099. Telecommunication system. Viard Georges (inventor); Lignes Telegraphiques et Telephoniques (grantee). Issued 12-11-34.
1,984,144. Pneumatic shock absorber . Laugaudin Eugene (inventor). Issued 12-11-34.
1,984,200. Controlling and guiding device for the faller bars of gill boxes. Schlumberger Robert (inventor); Soc Nouvelle Soc De Construction Ci Devant N Schlumberger & Cie (grantee). Issued 12-11-34.
1,984,396. Gas cooling device for compressed gas electric circuit breaker silencers. Clerc Andre (inventor); Ateliers De Constructions Electriques De Delle (grantee). Issued 12-18-34.
1,984,455. Device for cooling bottles or similar vessels. Bienenfeld Jacques (inventor). Issued 12-18-34.
1,984,461. Dress glove structure. Chanut Paul A (inventor). Issued 12-18-34.
1,984,734. Gauge tube. Fournier Joseph Barbe (inventor). Issued 12-18-34.
1,985,139. Electrical synchronizing device. Barthelemy Rene (inventor); Cie Pour La Fabrication Des Compteurs Et Materiel D Usines a Gaz (grantee). Issued 12-18-34.
1,985,144. Elastic wheel for railway vehicles. Bugatti Ettore (inventor). Issued 12-18-34.
1,985,145. Front axle for automobile vehicles. Bugatti Ettore (inventor). Issued 12-18-34.
1,985,175. Split drum winding machine. Lache Augustin (inventor); S A Nouvelle Soc De Construction Late N Schlumberger & Cie. (grantee). Issued 12-18-34.
1,985,180. Method & machine for manufacturing boxes such as match boxes. Mange Frederic (inventor); Soc Indo Chinoise Forestiere Et Des Allumettes (grantee). Issued 12-18-34.
1,985,184. Torpedo tube. Methlin Nicolas Emilien (inventor); Schneider & Cie (grantee). Issued 12-18-34.
1,985,185. Remote controlled device for inserting & extracting primers for large bore guns. Methlin Nicolas Emilien (inventor); Schneider & Cie (grantee). Issued 12-18-34.
1,985,308. Electroplating of articles with chromium. Bornhauser Oscar (inventor); Soc D Electrochimie D Electrometallurgie Et Des Acieries Electriques D Ugine (grantee). Issued 12-25-34.
1,985,710. Apparatus for the boring of wells or shafts and for like operations. Allard Pierre Jean Marie Theodore (inventor); Soc Francaise De Construction De Bennes Automatiques (grantee). Issued 12-25-34.
1,985,794. Engine starter. Petit Jean Francois Gabriel (inventor); Etablissements Labinal (grantee). Issued 12-25-34.
1,986,065. Optical system having multiple foci and a single source of light. Maillet Antoine Andre (inventor). Issued 1-1-35.
1,986,095. Apparatus for the boring of wells or shafts and for like operations. Allard Pierre Jean Marie Theodore (inventor); Soc Francaise De Construction De Bennes Automatiques (grantee). Issued 1-1-35.
1,986,096. Apparatus for the boring of wells or shafts and for like operations. Allard Pierre Jean Marie Theodore (inventor); Soc Francaise De Construction De Bennes Automatiques (grantee). Issued 1-1-35.
1,986,270. Driving pulley having teeth of variable pitch. Kegresse Adolphe (inventor). Issued 1-1-35.
1,986,319. Process of manufacture of threads of textile material. Bongrand Jean Etienne Charles et al, Lejeune Leon Sylvain Max (inventors). Issued 1-1-35.
1,986,321. Carburetor. Chanard Auguste (inventor). Issued 1-1-35.
1,986,375. Shock absorber control device. Simon Lucien (inventor); Soc d Exploitation des Brevets Lucien Simon Amortisseurs Sanchok S A (grantee). Issued 1-1-35.
1,986,559. Trawl net with free ground rope. Dahl Oscar et al, Black William Forsyth (inventor). Issued 1-1-35.
1,986,709. Flying machine having revolving supporting surfaces. Breguet Louis et al, Dorand Rene (inventors); Breguet Louis (grantee). Issued 1-1-35.
1,987,160. Valve of explosion motors or internal combustion engines. Saives Leon (inventor); Renault Louis (grantee). Issued 1-8-35.
1,987,495. Safety circuit breaker for automobile vehicles. Soulat Georges (inventor). Issued 1-8-35.
1,987,569. Electric circuit breaker. Bresson Charles (inventor); Ateliers De Constructions Electriques De Delle (grantee). Issued 1-8-35.
1,987,733. Device for controlling from a distance the displacement of certain organs. Dussumier De Fonbrune Pierre Henry (inventor). Issued 1-15-35.
1,987,734. Method and apparatus for working glass dussumier De Fanbrune iPerre Henry (inventor). Issued 1-15-35.
1,988,139. Two liquid Cell. Pellini Joseph (inventor). Issued 1-15-35.
1,988,414. Boring apparatus adapted for the removal of the material by automatic dredging devices. Bogoutsky Pierre (inventor). Issued 1-15-35.
1,988,537. Electric welding machine. Breguet Louis (inventor); S A Des Ateliers D Aviation Louis Breguet (grantee). Issued 1-22-35.
1,988,562. Captive balloon. Letourneur Jean (inventor). Issued 1-22-35.
1,988,763. Crystallizing apparatus. Walter Jacques (inventor); Mines Domaniales De Potasse D Alsace (grantee). Issued 1-22-35.
1,988,893. Device for supporting driving and presenting views images advertisements and even articles. George Andre (inventor). Issued 1-22-35.
1,988,980. Safety closing circuit device for preventing stuffing in cinematographic apparatus. Debrie Andre Leon Victor Clement (inventor). Issued 1-22-35.
1,988,981. Drive for cinematographic films. Debrie Andre Leon Victor Clement (inventor). Issued 1-22-35.
1,988,989. Retardation device. Viard Georges (inventor); Lignes Telegraphiques et Telephoniques (grantee). Issued 1-22-35.
1,988,990. Apparatus for simultaneously coating the ends of a number of objects. Weeks Walter Roy (inventor). Issued 1-22-35.
1,989,022. Brush. Perrichon Pierre Joseph (inventor). Issued 1-22-35.
1,989,321. Traction device. Laize Auguste. (inventor). Issued 1-29-35.
1,989,499. Device for promoting chemical reactions and particularly the combustion of mixtures of gases and other materials such as vapors liquids and colloids. Sabot Rene Charles (inventor). Issued 1-29-35.
1,989,633. Animated luminous display system. Collard Robert Alphonse (inventor). Issued 1-29-35.
1,990,040. Perspective drawing instrument. Launay Andre Pierre Leopold (inventor). Issued 2-5-35.
1,990,044. Electrophonic filter. Mabboux Georges (inventor). Issued 2-5-35.
1,990,059. Turbine for elastic fluids adapted for use as compressors. Bertin Gabriel (inventor). Issued 2-5-35.
1,990,060. Sound volume regulator. Bethenod Joseph (inventor); Cie Generale de Telegraphie Sans Fil (grantee). Issued 2-5-35.
1,990,132. Knitting machine. Oudiette Maxime (inventor). Issued 2-5-35.
1,990,133. Yarn clearer. Regley Louis (inventor). Issued 2-5-35.
1,990,399. Process for the preparation of condensation products. Belloc Maurice (inventor); Soc Nobel Francaise (grantee). Issued 2-5-32.
1,990,428. Synchronizing system. De Regnauld De Bellescize Henri, Jean Joseph Marie (inventors). Issued 2-5-35.
1,990,633. Device for measuring the volume of flowing gas. Brandl Johann (inventor); Cie Pour La Fabrication Des Compteurs et Materiel D Usines A Gaz (grantee). Issued 2-12-35.
1,990,849. Machine for and method of forming tapes. Wagon Jean (inventor). Issued 2-12-35.
1,990,950. Wheeled gun carriage. Methlin Nicolas Emilien (inventor); Schneider and Cie (grantee). Issued 2-12-35.
1,990,951. Wheeled gun carriage. Methlin Nicolas Emilien (inventor); Schneider and Cie (grantee). Issued 2-12-35.
1,990,952. Wheeled gur. carriage. Methlin Nicolas Emilien (inventor); Schneider and Cie (grantee). Issued 2-12-35.
1,991,255. Elevator for any applications. Martin Louis Joseph Henri (inventor). Issued 2-12-35.
1,991,296. Method for the automatic control of aviation engines. Schimanek Emil (inventor); Soc Du Carburateur Bleriot (grantee). Issued 2-12-35.
1,991,308. Blade of pumps or compressors. Zens Pierre (inventor). Issued 2-12-35.
1,991,453. Fluid distributor for hydraulic jacks. Giovannoni Jean Albert (inventor); Issued 2-19-35.
1,991,695. Building. Petrovitch Louis (inventor. 2-19-35.
1,991,795. Device for taking up the wear of pieces. Debaecker Gaston Lucien (inventor). Issued 2-19-35.
1,991,839. Electric timepiece. Favre Bulle Maurice Philippe (inventor). Issued 2-19-35.
1,991,923. Ammunition case. Dhome Alfred (inventor); Deffrenne Paul (grantee). Issued 2-19-35.
1,992,068. Sighting device for cameras. Gwozdecki Gustaw (inventor). Issued 2-19-35.
1,992,076. Lighter. Kirchner Leon (inventor). Issued 2-19-35.
1,992,091. Photographic roller holder. Petit Louis (inventor). Issued 2-19-35.
1,992,104. Mixing and distributing cock for hydrotherapy. Theodorides Michel (inventor). Issued 2-19-35.
1,992,143. Resistance for electric heating devices. Challet Etienne (inventor). Issued 2-19-35.
1,992,252. Speedometer. Stoecklin Charles (inventor); S A Tel (grantee). Issued 2-26-35.
1,992,572. Process for producing sulphates and sulphur. Harnist Charles (inventor). Issued 2-26-35.
1,992,643. Fastening device. Vidal Andre Jules (inventor). Issued 2-26-35.
1,992,854. Process for the obtaining of solutions of berrylium fluoride from double fluoride of berylium and of an alkali metal. Beja Maurice (inventor); Cie De Produits Chimiques et Electrometallurgiques Alais Forges et Camargue (grantee). Issued 2-26-35.

1,992,994. Method for the manufacture of glass and similar products. Delpech Gaston (inventor); S A Des Manufactures Des Glaces and Produits Chimiques De Saint Gobain Chauny and Cirey (grantee). Issued 3-5-35.

1,993,245. Transporting and hoisting undercarriage. Meron Frederic (inventor). Issued 3-5-35.

1,993,246. Process and apparatus for recording sound. Nublat Rene Leon Adolphe (inventor). Issued 3-5-35.

1,993,252. Permutation lock. Zuili Maurice (inventor). Issued 3-5-35.

1,993,440. Duplicating form and arrangement for its production. Glogaud Pierre James Etienne (inventor). Issued 3-5-35.

1,993,486. Telephone repeating apparatus. Ricchiardi Pier Carlo (inventor). Issued 3-5-35.

1,993,544. Automtaic speed ratio control. Fleischel Gaston (inventor); Soc the Pour L Application Des Transmissions Automatiques Fleischel (grantee). Issued 3-5-35.

1,993,645. Tripping device. Birkigt Louis (inventor). Issued 3-5-35.

1,993,651. Bodywork. Daste Marius Joseph (inventor). Issued 3-5-35.

1,993,653. Load brake mechanism. Douziech Eugene Felix Marc (inventor); Soc Des Freins Houplain (grantee). Issued 3-5-35.

1,994,049. Sorter or separator. Saint Jacques Eugene Camille (inventor). Issued 3-12-35.

1,994,197. Split trail gun carriage. Methlin Nicolas Emilien (inventor); Schneider & Cie (grantee). Issued 3-12-35.

1,994,210. Method of connecting hollow bodies. Chobert Jacques Francois Gabriel (inventor). Issued 3-12-35.

1,994,213. Process for manufacture of sodium auro thiomalate. Delepine Marcel (inventor); Soc Des Usines Chimiques Rhone Poulenc (grantee). Issued 3-12-35.

1,994,387. Hollow transparent unit for construction. Despret Georges Paul (inventor); Cie Reunies Des Glaces et Verres Speciaux Du Nord De La France (grantee). Issued 3-12-35.

1,994,399. Device for the transportation of goods. Moreau Gaston Andre Elie (inventor). Issued 3-12-35.

1,994,932. System for vaporizing liquids and the absorption of smoke evil odors and the like. Vidal Pierre Lucien (inventor). Issued 3-19-35.

1,995,228. Aircraft carburetor. Schimanek Emil (inventor); Soc Du Carburateur Bleriot (grantee). Issued 3-19-35.

1,995,416. Convertible equipment for compartments of sleeping cars and similar applications. Carcanagues Paul (inventor); Cie Internationale Des Wagons Lits et des Grands Express Europeens (grantee). Issued 3-26-35.

1,995,437. Color motion picture camera. Secci Armeno (inventor); Francita Soc De Films en Couleurs Naturelles (grantee). Issued 3-26-35.

1,995,578. Apparatus for testing the brakes of a motor vehicle. Piquerez Emile (inventor). Issued 3-26-35.

1,995,584. Electrode for arc welding. Sarazin Robert (inventor). Issued 3-26-35.

1,995,966. Apparatus for the conditioning of substances. Delemme Cyrille Arthur (inventor). Issued 3-26-35.

1,996,145. Device for receiving high frequency currents superimposed on electical power supply lines. Chirol Maurice (inventor); Cie Pour la Fabrication Des Compteurs et Materiel d'Usines a Gaz (grantee). Issued 4-2-35.

1,996,150. Fluid meter. Eches Pierre Georges et al, Moreau Charles Andre (inventors); Cie Pour la Fabrication des Compteurs et Materiel d'Usines a Gaz (grantee). Issued 4-2-35.

1,996,316. Lifting device of the portable and dismountable type adapted for the mounting of vehicle wheels. Aubry Charles (inventor). Issued 4-2-35.

1,996,321. Lightning arrester with ionization chamber. Capart Gustav Paul (inventor); Soc a Responsabilite Limitee Dite le Parafoudre Universel Corona (grantee). Issued 4-2-35.

1,996,429. Formation of printing blocks. Ludvigsen Niels (inventor). Issued 4-2-35.

1,996,490. Cellular structure for panels and other applications. Romanoff Hippolyte Waldemar (inventor); Senutovich Wladimir, Nobel Emil (grantees). Issued 4-2-35.

1,996,539. Method of decorating objects and decorated objects obtained by means of these methods. Dufay Louis (inventor). Issued 4-2-35.

1,996,854. Device for ionizating sparking gaps. Capart Gustave Paul (inventor). Issued 4-9-35.

1,996,861. Device for preventing back firing capable of being used as theft preventing devices for any applications. Dores Gaston et al, Girard Lucien (inventors). Issued 4-9-35.

1,996,874. Articulated ankle joint for artificial feet. Mascau Emile Desire (inventor). Issued 4-9-35.

1,996,881. Means for regulating the temperature in explosion motors. Royer Georges Gaston (inventor). Issued 4-9-35.

1,996,915. Apparatus for progressively changing speed ratios. Fleischel Gaston (inventor); Soc Pour la Application des Transmissions Automatiques Fleischel (grantee). Issued 4-9-35.

1,996,952. Device for feeding heated rooms with water vapor. Cohendy Michel (inventor). Issued 4-9-35.

1,996,973. Motor compressor. Pescara Raul Pateras (inventor). Issued 4-9-35.

1,996,974. Motor compressor. Pescara Raul Pateras (inventor). Issued 4-9-35.

1,997,111. System of stroboscopic radiogoniometry. Hardy Rene Jean (inventor). Issued 4-9-35.

1,997,125. Separation of foreign bodies from powdered materials. Soyez Emile et al, Cherouvrier Marcel (inventors). Issued 4-9-35.

1,997,303. Antiaircraft fire control table. Le Prieur Yves Paul Gaston et al, Ricordel Auguste Louis (inventors); Soc la Precision Moderne (grantee). Issued 4-9-35.

1,997,371. Picture transmitting device. Loiseau Louis Marie Jean (inventor). Issued 4-9-35.

1,997,391. Storage battery. Pautou Paul (inventor). Issued 4-9-35.

1,997,937. Apparatus for the thermic treatment of pulverized liquids or semiliquids. Leaute Pierre Marcel Andre (inventor); Soc de Recherches & de Perfectionnements Industriels (grantee). Issued 4-16-35.

1,997,975. Incandescent electric lamp. Perrin Marcel Charles et al, Vinzant Jean Eugene (inventors). Issued 4-16-35.

1,998,187. Improved optical combination. Conti James Tiburce Felix (inventor); Soc pour la Eclairage Rationnel Sper (grantee). Issued 4-16-35.

1,998,217. Apparatus for projecting molten pulverized bodies. Bendit Francois Philippe Charles (inventor). Issued 4-16-35.

1,998,355. Calculating machine and typewriter combined. Boutet Rene Edmond (inventor). Issued 4-16-35.

1,998,384. Process for preserving fresh vegetables in the raw state. Petitpas Julien (inventor). Issued 4-16-35.

1,998,435. Talking clock. Battegay Constant (inventor); S A Des Ateliers Brillie Freres (grantee). Issued 4-23-35.

1,998,533. Brake. Brisson Louis Charles. (inventor); S A Soc des Freins Hydrauliques S de Lavaud (grantee). Issued 4-23-35.

1,998,556. Portable cutting device. Polly Daniel (inventor); Soc Industrielle de Ferblanterie (grantee). Issued 4-23-35.

1,998,727. Method for measuring the rigidity & fatigue of structures. Le Rolland Paul Marcel (inventor). Issued 4-23-35.

1,998,740. Cock guide for metallic casks etc. Schubenel Robert (inventor). Issued 4-23-35.

1,998,788. Storage battery. Pautou Paul (inventor). Issued 4-23-35.

1,998,878. Process for the production of ethylene oxide. Lefort Theodore Emile (inventor); S A Soc Francaise de Catalyse Generalisee (grantee). Issued 4-23-35.

1,998,925. Process for the preparation of benzoic acid and benzoates. Demante Jules Emile (inventor); Bozel Maletra Soc Industrielle de Produits Chimiques (grantee). Issued 4-23-35.

1,999,246. Radiator. Maret Karel (inventor); Soc De Dietrich & Cie (grantee). Issued 4-30-35.

1,999,247. Radiotelegraphic receiver. Marrec Yves et al, Beauvais Georges Armand (inventors). Issued 4-30-35.

1,999,266. System of lubrication. Warlop Pierre (inventor). Issued 4-30-35.

1,999,337. Tempering of plate glass or other sheets made of any materials. Meer Raymond (inventor). Issued 4-30-35.

1,999,338. Manufacture of gloves. Meriguet Julien Francois (inventor). Issued 4-30-35.

1,999,363. Hydrogeneration process. Kling Andre Jean et al. Florentin Jean Marie Felix Daniel (inventors); Soc Des Carburants Synthetiques (grantee). Issued 4-30-35.

1,999,752. Machine of the torus type. Dedieu Jean (inventor). Issued 4-30-35.

1,999,819. Flooring or like aggregate and unit for construction of the same. Mopin Eugene Germain Paul (inventor). Issued 4-30-35.

1,999,897. Stabilizing device. Fieux Jean (inventor); Schneider & Cie (grantee). Issued 4-30-35.

1,999,950. Machine for assembling printed gatherings or similar objects. Barennes Robert (inventor). Issued 4-30-35.

2,000,096. Process for manufacturing formaldehyde. Prudhomme Eugene Albert (inventor); Roman Lucien Henri (grantee). Issued 5-7-35.

2,000,240. Method and means for surfacing glass. Long Bernard (inventor); S A Des Manufactures des Glaces & Produits Chimiques de Saint Gobain Chauny & Cirey (grantee). Issued 5-7-35.

2,000,504. Knot forming mechanism. Adrian Emile (inventor). Issued 5-7-35.

2,000,718. Rheostat. Schmitt Paul (inventor). Issued 5-7-35.

2,000,827. Land and water motor vehicle. Texier de la Caillerie Ulysse (inventor). Issued 5-7-35.

2,001,237. Machine for the manufacture of pipes. Bille Leon (inventor). Issued 5-14-35.

2,001,257. Resilient connection. Lecler Charles (inventor); Houdaille Maurice (grantee). Issued 5-14-35.

2,001,269. Hydraulic compressor. Seilliere Serge Raymond (inventor). Issued 5-14-35.

2,001,357. Electric traction. Guignard Edouard (inventor); Soc Parisienne Pour L Industrie des Chemins de Fer et des Tramways Electriques (grantees). Issued 5-14-35.

2,001,546. Machine for covering electrical wires or tapes. Pourtier Gaston (inventor). Issued 5-14-35.

2,001,607. Automatic stabilizer for vehicles. Gianoli Marcel Louis (inventor). Issued 5-14-35.

2,001,613. Method of extracting the phenols of tars and similar mixtures. Jarry Robert Marie (inventor). Issued 5-14-35.

2,001,618. Buckle. Laurain Alfred (inventor); Soc du Caoutchouc Manufacture (grantee). Issued 5-14-35.

2,001,619. Motor car with trailer for camping. Levoyer Antoine Marie Louis (inventor). Issued 5-14-35.
2,001,863. Automobile door. Bedaux Charles E (inventor). Issued 5-21-35.
2,001,865. Gas density meter. Brandl Johann (inventor); Cie Pour la Fabrication des Compteurs et Materiel D Usines A Gaz (grantee). Issued 5-21-35.
2,002,404. Pulp strainer. Lamort Marcel (inventor); Etablissements E & M Lamort Fils (grantee). Issued 5-21-35.
2,002,406. Process of dyeing. Lantz Robert (inventor); S A des Matieres Colorantes & Produits Chimiques de Saint Denis (grantee). Issued 5-21-35.
2,002,414. Machine for drawing threads from fabrics. Ollendorff Jacques (inventor); Anciens Etablissements R Cornely and Cie S A (grantee). Issued 5-21-35.
2,002,422. Container for the transportation of goods. Lefevre Utile Michel Marie Jean (inventor). Issued 5-21-35.
2,002,432. Automatic machine for making serum phials. Comoy Leon Louis (inventor). Issued 5-21-35.
2,002,948. Device for placing protective coverings automatically on the seats of water closets. Jariot Camille (inventor). Issued 5-28-35.
2,003,317. Power transmission. Strandgren Carl Bruno (inventor). Issued 6-4-35.
2,003,348. Machine for cutting and resharpening the reeds of wind instruments. Dulac Pierre (inventor); Soc Charles Chedeville Albert Lelandais et Cie (grantee). Issued 6-4-35.
2,003,415. Process of treating earth nut kernels. Ammann Paul (inventor). Issued 6-4-35.
2,003,881. Auto collimated objective for color photography. Grosset Georges et al, Hudeley Victor, Lagrave Jean (inventors). Issued 6-4-35.
2,003,994. Marble sawing wire. D Avocourt Pierre de Vitry (inventor). Issued 6-4-35.
2,004,029. Impregnation of textile materials by latex. Bongrand Jean Etienne Charles et al, LeJuene Leon Sylvain Max (inventors). Issued 6-4-35.
2,004,034. Poise device. Cadiet Charles (inventor); S A des Etablissements Charles Testut (grantee). Issued 6-4-35.
2,004,040. Air cooling system for motors. Dintilhac Jean Georges (inventor); Soc Yacco S A F (grantee). Issued 6-4-35.
2,004,051. Apparatus for continuously cleaning railway ballast. Lemaire Maurice Henri (inventor). Issued 6-4-35.
2,004,111. Apparatus for presenting advertisement pictures and others. Heaulme Henri (inventor). Issued 6-11-35.
2,004,240. Electric traction. Gratzmuller Louis Rene Eugene (inventor). Issued 6-11-35.
2,004,624. Device for setting tubular rivets. Antelme Jean Baptiste Seide (inventor); Bleriot Aeronautique (grantee). Issued 6-11-35.
2,004,822. Pressure control for pneumatic tires. Mercier Louis Marcel (inventor). Issued 6-11-35.
2,004,845. Bogie for vehicles traveling upon rails. Worms Jacques (inventor). Issued 6-11-35.
2,004,850. Seat for use in road or rail vehicles. Bugatti Ettore (inventor). Issued 6-11-35.
2,004,855. Ammunition supplying device for pairs of guns mounted in turrets or the like. Daum Leon (inventor); Schneider & Cie, Cie des Forges & Acieries de la Marine et D Homecourt (grantees). Issued 6-11-35.
2,004,856. Ammunition supplying device for pairs of guns mounted in turrets or the like. Daum Leon (inventor); Cie des Forges et Acieries et la Marine et D Homecourt, Schneider & Cie (grantees). Issued 6-11-35.
2,004,882. Apparatus for delivering flat elements one at a time more especially for delivering envelopes to an obliterating machine. Vorms Armand (inventor); Soc de L Outillage R B V S A Francais (grantee). Issued 6-11-35.
2,005,049. Apparatus for making imitation Astrakhan fur. Romane Georges (inventor). Issued 6-18-35.
2,005,665. Means for opening containers of all kinds. Saignier Etienne (inventor). Issued 6-18-35.
2,005,774. Production of benzoic acid and benzoates. Demant Jules Emile (inventor); Bozel Maletra Soc Industrielle de Produits Chimiques (grantee). Issued 6-25-35.
2,005,842. Toy aeroplane. Marcus Etienne (inventor). Issued 6-25-35.
2,005,962. Electromotive forces comparing device. Antranikian Haig (inventor). Issued 6-25-35.
2,006,126. Sorting apparatus for substances of different densities. Berry Francois Jacques Barthelemy (inventor). Issued 6-25-35.
2,006,171. Lighting apparatus. Kalhaus Ernst et al, De Christmas Dirckinck de Holmfeld John Edmond, De Christmas Dirckinck de Holmfeld Valdemar (inventors). Issued 6-25-35.
2,006,233. Combined picture and sound recording and reproduction in motion pictures. Chretien Henri (inventor). Issued 6-25-35.
2,006,237. Hydraulic engine. Eynard Elysee Marius (inventor). Issued 6-25-35.
2,006,260. Hat working machine. Casse Marcel (inventor). Issued 6-25-35.
2,006,261. Ratchet device for preventing the rearward motion of power driven vehicles. Catella Atille (inventor). Issued 6-25-35.
2,006,262. Mechanism for angular adjustment of gun sights. Charvet Gustave (inventor); Anciens Etablissements Barbier Benard & Turenne (grantee). Issued 6-25-35.
2,006,276. Safety bolt. Nodiere Victor (inventor). Issued 6-25-35.
2,006,575. Fuse for projectiles. Methlin Nicolas Emilien (inventor); Schneider & Cie (grantee). Issued 7-2-35.
2,006,915. Swimming and life saving apparatus. Ferber Robert Paul Frederic (inventor). Issued 7-2-35.
2,006,934. Process for the manufacture of dispersion products). Tassel Edmond (inventor); Cie Nationale de Matieres Colorantes et Manufactures de Produits Chimiques du Nord Reunies Etablissements Kuhlmann (grantee). Issued 7-2-35.
2,006,971. Liquid container. Verdini Jean Louis Joseph Robert (inventor). Issued 7-2-35.
2,006,985. Method and apparatus for obtaining power from sea water. Claude Georges et al, Boucherot Paul (inventors). Issued 7-2-35.
2,007,080. Motor cooling assembly. Dintilhac Jean Georges (inventor); Soc Yacco S A F (grantee). Issued 7-2-35.
2,007,091. Process for obtaining products of great value easily and rapidly by electrolytic means. Kuppel Hermann et al, Simeant Louis (inventors); Soc a Responsabilite Limitee Kuppel and Simeant (grantee). Issued 7-2-35.
2,007,106. Automatic aerodynamic stabilizer for airplanes. Bemberg Otto Eduardo (inventor). Issued 7-2-35.
2,007,305. Apparatus for stabilizing the movement of opposed pistons in internal combustion engines. Pescara Raul Pateras (inventor). Issued 7-9-35.
2,007,323. Internal combustion engine of the two cycle type. Bernard Auguste Louis Rene (inventor); Soc Fusion Moteurs (grantee). Issued 7-9-35.
2,007,336. Fuel filter. Malivert Jules Eugene (inventor). Issued 7-9-35.
2,007,400. Apparatus for the leveling of railways. Lemaire Maurice Henri (inventor). Issued 7-9-35.
2,007,417. Air propeller with variable pitch. Aivaz Jacques (inventor). Issued 7-9-35.
2,007,479. Manufacture of organic iodine compounds. Salles Pierre Max Raoul et al, Loubatie Mathieu Rene (inventors). Issued 7-9-35.
2,007,873. Vehicle body top capable of being stowed away. Paulin Georges Auguste (inventor). Issued 7-9-35.
2,008,050. Ball joint. Tampier Rene Jean Camille (inventor). Issued 7-16-35.
2,008,112. Process for obtaining alumina. Seailles Jean Charles (inventor). Issued 7-16-35.
2,008,127. Thread composed of textile fibers. Bongrand Jean Etienne Charles et al, Lejeune Leon Sylvain Max (inventors). Issued 7-16-35.
2,008,335. Support for glass capsules containing pharmaceutical products. Nuyts Georges (inventor); S A Etablissements Nuyts Freres (grantee). Issued 7-16-35.
2,008,338. Watch. Rodanet Charles Hilaire Henri (inventor); S A Etablissements Ed Jaeger (grantee). Issued 7-16-35.
2,008,457. Process for obtaining three color films. Lessertisseux Paul Emmanuel Francois (inventor). Issued 7-16-35.
2,008,472. Method for protecting concrete structures. Seailles Jean Charles (inventor). Issued 7-16-35.
2,008,696. Continuous furnace. Fourment Marcel (inventor). Issued 7-23-35.
2,008,834. Variable directional mouthpiece for ejectors. Marchaut Pierre Jean (inventor). Issued 7-23-35.
2,009,161. Device combined with a range-finder for facilitating the measurement of the ranges of moving objectives. Castellani Antoine (inventor); Soc d Optique et de Mecanique de Haute Precision (grantee). Issued 7-23-35.
2,009,275. Servo brake. Piganeau Gerard Pierre (inventor). Issued 7-23-35.
2,009,276. Vehicle of any type and more particularly in railway carriages. Rimailho Emile (inventor). Issued 7-23-35.
2,009,282. Improved burring motion for treating wool and other textile fibers. Thibeau Antoine (inventor). Issued 7-23-35.
2,009,295. Oleaginous solution of organic salts of bismuth. Goissedet Paul Emile Charles et al, Despois Robert Ludovic (inventors); Soc des Usines Chimiques Rhone Poulenc (grantee). Issued 7-23-35.
2,009,362. Method of constructing monolithic canalized structures. Mourraille Jean Pierre Louis (inventor); Ste Dite Satujo Ste Anme de Construction de Tuyaux Sans Joints Systeme Cravetto Brevete S G D G (grantee). Issued 7-23-35.
2,009,503. Electrostatic machine. Landwerlin Georges (inventor). Issued 7-30-35.
2,009,520. Electroacoustic device. Reisz Eugen (inventor). Issued 7-30-35.
2,009,749. Shock absorber. Simon Lucien et al, Marcon Rene (inventors); Soc d Exploitation des Brevets Lucien Simon Amortisseurs Sanchok S A (grantee). Issued 7-30-35.
2,009,761. Dispensing device. Calderara Mario (inventor). Issued 7-30-35.
2,009,918. Adjustable chair. Grassi Marcel Henri (inventor). Issued 7-30-35.
2,010,185. Lip stick holder. Garreau Louis (inventor). Issued 8-6-35.
2,010,269. Tipping body. Kutsukian Frank (inventor). Issued 8-6-35.
2,010,437. Collapsible automatic erection egg box. Nuyts Georges Alfred Hippolyte (inventor). Issued 8-6-35.

2,010,617. Mounting of wheels for vehicles running on roads and on rails. Willeme Louis (inventor). Soc Pour l Exploitation de Brevets de Roues Automobiles Sebra (grantee). Issued 8-6-35.
2,010,623. Shock absorber. Bugatti Ettore (inventor). Issued 8-6-35.
2,010,625. Bodywork. Daste Marius Joseph (inventor). Issued 8-6-35.
2,010,742. Firearm. Sutter Charles (inventor); S A des Anciens Etablissements Hotchkiss & Cie (grantee). Issued 8-6-35.
2,010,760. Large output device for measuring volumes of granulated material. Hanique Alfred (inventor). Issued 8-6-35.
2,010,897. Automatic safety circuit breaking device for vehicles. Rodel Guy Marie Jacques (inventor). Issued 8-13-35.
2,010,916. Process of and apparatus for pouring glass to be formed into sheets or plates. Despret Georges Paul (inventor); Cie Reunies des Glaces et Verres Speciaux du Nord de la France (grantee). Issued 8-13-35.
2,010,974. Dispensing apparatus for sparkling beverages. Andrieu Robert Joseph (inventor). Issued 8-13-35.
2,011,156. Process for the manufacture of paper. Nelson Harry Huet et al, Becker Guillaume (inventors). Issued 8-13-35.
2,011,238. Vehicle brake tester. Bouxin Maurice Jules (inventor). Issued 8-13-35.
2,011,472. Fastening and assembling device. Chobert Jacques Francois Gabriel (inventor). Issued 8-13-35.
2,011,590. Plastic artificial leather composition. Perrin Paul Henri, Vulliet Duran Gaston Hubert, et al (inventors); Perrin Paul Henri (grantee). Issued 8-20-35.
2,011,868. Air cleaner. Bernard Auguste Louis Rene (inventor); Fusion Moteurs (grantee). Issued 8-20-35.
2,012,000. Device preventing the backfire in internal combustion engines. Eyssartier Georges (inventor). Issued 8-20-35.
2,012,061. Process for the preparation of monochromates and dichromates. Demandt Jules Emile (inventor); Bozel Maletra Soc Industrielle de Produits Chimiques (grantee). Issued 8-20-35.
2,012,062. Process for the preparation of monochromates and dichromates. Demandt Jules Emile (inventor); Bozel Maletra Soc Industrielle de Produits Chimiques (grantee). Issued 8-20-35.
2,012,187. Sound emitting system. Florisson Charles Louis (inventor); Soc de Condensation & D Applications Mecaniques (grantee). Issued 8-20-35.
2,012,369. Resilient wheel for rail vehicles. Bacqueyrisse Louis (inventor). Issued 8-27-35.
2,012,765. Alloy steel chiefly for use in the manufacture of railroad parts, rails and the like. Marthourey Paul Pierre (inventor); Acieries de Gennevilliers (grantee). Issued 8-27-35.
2,012,769. Process for treating yarns. Peufaillit Louis (inventor). Issued 8-27-35.
2,012,884. Regulating vapor electric discharge rectifier. Leroy Louis (inventor); Forges et Ateliers de Constructions Electriques de Jeumont S A (grantee). Issued 8-27-35.
2,013,032. Device for feeding or withdrawing bottles for bottle rinsing machines. Chelle Paul Louis (inventor). Issued 9-3-35.
2,013,484. Pump. Alvaz Jacques (inventor). Issued 9-3-35.
2,013,538. Device for shaping sticks of paint and similar purposes. Gamard Denise (inventor). Issued 9-3-35.
2,013,567. Reed for saxophones, clarinets and like wind instruments. Maccaferri Mario (inventor). Issued 9-3-35.
2,013,586. Device for changing gear. Semery Jean Marie Charles (inventor). Issued 9-3-35.
2,013,665. Remote control apparatus. Messier George Louis Rene Jean decd (inventor); Messier Yvonne Lucie born Bonnamy admx (grantee). Issued 9-10-35.
2,013,812. Inking device. Supligeau Charles Leon Hippolyte, Guyot Robert Richard Jean et al (inventors). Issued 9-10-35.
2,013,850. Device for measuring or drawing angles and inclinations. Marischal Omer Marie Cyrille (inventor). Issued 9-10-35.
2,013,933. Machine for inserting and removing boiler tubes. Wagner Georges (inventor). Issued 9-10-35.
2,013,969. Apparatus for capturing insects. Menasche Vitali (inventor); Nomosquito (grantee). Issued 9-10-35.
2,014,087. Construction of buildings and the like. Mopin Eugene Germain Paul (inventor). Issued 9-10-35.
2,014,088. Pump injector apparatus. Nicholas Jean (inventor); Cie Lilloise de Moteurs (grantee). Issued 9-10-35.
2,014,318. Hand shoe stitching machine. Fiquet Arthur Louis, Mousset Andre Gabriel et al (inventors). Issued 9-10-35.
2,014,338. Feed device for hydraulic transmissions. Messier George Louis Rene Jean Decd (inventor); Messier Yvonne Lucie born Bonnamy Admx (grantee). Issued 9-10-35.
2,014,339. Hydraulic apparatus for controlling brakes. Messier George Louis Rene Jean Decd (inventor); Messier Yvonne Lucie Born Bonnamy Admx (grantee). Issued 9-10-35.
2,014,508. Bed & the like. Pupier Andre (inventor). Issued 9-17-35.
2,014,686. Combustion of fuels. Lubovitch Eugene, Fieschi Jean Midor et al (inventors); Lubovitch Eugene (greater). Issued 9-17-35.
2,014,688. Process & device for the application of elasticimetry particularly of photoelasticimetry. Mabboux Georges (inventor). Issued 9-17-35.
2,014,746. Method of making nails. Robergel Gabriel (inventor). Issued 9-17-35.
2,014,757. Process for the integral transformation of coke oven gas or town gas into ammonia & methyl alcohol. Blondelle Raymond (inventor); Soc des Mines de Dourges (grantee). Issued 9-17-35.
2,014,942. Spraying apparatus for atomizing paint and other liquids. Lemoine Henri Guido (inventor). Issued 9-17-35.
2,015,006. Process of making storage battery separators. Ekisler Jean (inventor); Pagenel Maurice (grantee). 9-17-35.
2,015,151. Breast supporter. Moity Henri (inventor). 9-24-35.
2,015,217. Method based upon the use of vibrations and apparatus therefor. Deniau Marcel (inventor). Issued 9-24-35.
2,015,464. Separator. Saint Jacques Eugene Camille (inventor). Issued 9-24-35.
2,015,870. Process and apparatus for concentrating and esterifying aliphatic acids. Ricard Eloi, Guinot Henri Martin, Parant Andre Marie et al (inventors); S A Usines de Melle (grantee). Issued 10-1-35.
2,015,906. Block for correspondence. Peltzer Victor Henri (inventor); Soc Dualis (grantee Issued 10-1-35.
2,015,998. Suction apparatus. Foreau Rene (inventor); S A Anciens Etablissements a Chanard (grantees) Issued 10-1-35.
2,016,061. Mixing device. Thiberge Paul Louis Armand (inventor). Issued 10-1-35.
2,016,190. Spinning or twisting machine. Boutry Pierre (inventor); S A Dite Filatures Boutry Droulers (grantee). Issued 10-1-35.
2,016,217. Production of cinematographic films. Raguin Georges Andre (inventor); Soc Lumiere (grantee). Issued 10-1-35.
2,016,613. Motor compressor. Pescara Raul Pateras (inventor). Issued 10-8-35.
2,016,615. Despatching system for banks of elevators and the like. Roche Henry Leopold Roger (inventor); S A Etablissements Edoux Samain (grantee). Issued 10-8-35.
2,016,621. Reciprocating pump. Bernard Auguste Louis Rene (inventor); Fusion Moteurs (grantee). Issued 10-8-35.
2,016,718. Method for treating bronze wastes for recovering copper tin lead and precious metals therefrom. Hollard Auguste (inventor). Issued 10-8-35.
2,016,853. Connector particularly for lamps having two filaments. Conti James Tiburce Felix (inventor). Issued 10-8-35.
2,017,043. Device for conveying gaseous streams. Galliot Norbert (inventor). Issued 10-15-35.
2,017,357. Metal carriage for mule machines. Taine Roger (inventor); Soc Alsacienne de Constructions Mecaniques (grantee). Issued 10-15-35.
2,017,416. Sanitary appliance such as wash basins bidets sinks baths and the like. Mallet Charles et al, Couetoux Henri Charles (inventors); Etablissements Jacob Delafon Cie Ceramique de Pouilly Sur Saone et Belvoye (grantees). Issued 10-15-35.
2,017,471. Absorption refrigerating machine with heat recovery. Normelli Wulf Berzelius (inventor). Issued 10-15-35.
2,017,646. Bath for the electrodepositing of cobalt. Berger Henri (inventor). Issued 10-15-35.
2,017,788. Steel welding method. Delachaux Clarence Leon (inventor); Acieries de Gennevilliers Anciens Etablissements Delachaux (grantees). Issued 10-15-35.
2,017,961. Fluid current motor. Ferral Frederic (inventor). Issued 10-22-35.
2,018,056. Method & means for finishing siliceous articles. Delpech Gaston (inventor); S A Des Manufactures Des Glaces & Produits Chimiques de Saint Gobain, Chauny & Cirey (grantees). Issued 10-22-35.
2,018,118. Method for transforming into a mixture of carbon monoxide nitrogen & hydrogen residual gas & blow off gas resulting from the manufacture of hydrogen by the processes based on the iron water vapor reaction. Blondelle Raymond (inventor); Soc Des Mines de Dourges (grantee). Issued 10-22-35.
2,018,533. Continuously variable change speed gear. Ramin Jean Robert (inventor). Issued 10-22-35.
2,018,564. Hinge with hydraulic brake. Milly Lucien Charles Eugene (inventor). Issued 10-22-35.
2,018,592. Cinematography in relief. Arnulf Albert (inventor). Issued 10-22-35.
2,018,593. Machine for testing metals & other solid materials. Arthuis Albert Rene (inventor). Issued 10-22-35.
2,019,023. Fluid pumping apparatus. Seilliere Serge Raymond (inventor). Issued 10-29-35.
2,019,046. Method and means of manufacturing hollow articles. Delpech Gaston (inventor); S A Des Manufactures Des Glaces et Produits Chimiques de Saint Gobain, Chauny and Cirey (grantees). Issued 10-29-35.
2,019,096. Production of suppression layer photocells. Rother Franz (inventor). Issued 10-29-35.
2,019,398. Process and apparatus for chamfering the sharp edges of small plates of a lining. Desagnat Gaston (inventor). Issued 10-29-35.
2,019,412. Manufacture of cartons pots and like receptacles of thin metal and paper cardboard and the like. Heyndrickx Pierre (inventor). Issued 10-29-35.
2,019,420. Process for facilitating the penetration of latex into textile fibers threads tissues cords and other textile materials. LeJeune Leon Sylvain Max et al, Bongrand Jean Etienne Charles (inventors). Issued 10-29-35.
2,019,694. Nozzle for the expansion of hot liquids. Reitlinger Henri B (inventor); Office National Des Recherches Scientifiques et Industrielles et Des Inventions Husson Camille (grantees). Issued 11-5-35.

2,019,800. Pneumatically playing accordion. Seybold Rene (inventor). Issued 11-5-35.
2,020,095. Bottle and stopper assembly. Bergaud Felicie Eugenie Amelie Wanpouille (inventor). Issued 11-5-35.
2,020,105 Automatic piloting device. Constantin Louis (inventor). Issued 11-5-35.
2,020,109. Preservation of fish by cold storage. De Meric de Bellefon Hugues et al, Marie Jacques, Folliot Joseph Ernest Alexandre (inventors); Soc Rene Maubaillarcq & Cie (grantee). Issued 11-5-35.
2,020,178. Method of and apparatus for the manufacture of safety glass. Haas Jean (inventor); Soc Generale D'Optique S A Des Anciens Etablissements Huet & Cie et Jumelles Flammarion (grantees). Issued 11-5-35.
2,020,635. Apparatus for picking up objects from a conveyer. Derome Pierre Leon (inventor); Etablissements A Derome S A (grantee). Issued 11-12-35.
2,020,788. Torpedo wake reducing device. Konstantinoff Jean (inventor). Issued 11-12-35.
2,020,905. Compensated compass especially for aerial vehicles. Robert Guy Octave (inventor). Issued 11-12-35.
2,021,051. Safety screw. Desbrueres Edmond Pierre (inventor). Issued 11-12-35.
2,021,092. Improved method and means for incorporating a fluid to a stream of a fluid or of a pulverulent solid. Teliet Jean Antoine Marcel (inventor). Issued 11-12-35.
2,021,670. Machine for the manufacture of bottles flagon and other hollow glass objects. Roirant Emile (inventor); S A D'Etudes et de Constructions D Appareils Mecaniques Pour la Verrerie (grantee). Issued 11-19-35.
2,021,777. Self winding watch. Hatot Leon (inventor). Issued 11-19-35.
2,022,140. Spark plug provided with an ionizing catalytic element. Michel Charles (inventor). Issued 11-26-35.
2,022,214. Expanding support for casting cores. Martel Emile Leon Joseph (inventor). Issued 11-26-35.
2,022,217. Method for securing and tensioning resilient spokes for wheels provided with a suspended hub. Rimailho Emile (inventor). Issued 11-26-35.
2,022,432. Printing apparatus for transferring bichrome or trichrome pictures to Lenticulated films. Rodde Armand et al, Herault Albert Henri, Hudeley Victor, Lagrave Jean (inventors). Issued 11-26-35.
2,022,498. Machine for making printing plates or stencils. Glogaud Pierre James et al, Etienne, Souze Paul Amedee (inventors). Issued 11-26-35.
2,022,567. Endless track. Kegresse Adolphe (inventor). Issued 11-26-35.
2,022,589. Method of treating cellulosic matter. Dobry Alma (inventor); Cie de Produits Chimiques et Electrometallurgiques Olais (grantees). Issued 11-26-35.
2,022,957. Carburetor. Drouin Charles (inventor). Issued 12-3-35.
2,023,275. Method and means for surfacing glass. Long Bernard (inventor); S A Des Manufactures Des Glaces and Produits Chimiques de Saint Gobain Chauny and Cirey (grantees). Issued 12-3-35.
2,023,304. Tractor wheel. Brodart Marcel (inventor). Issued 12-3-35.
2,023,308. Floating roof for tanks. Cantacuzene Servan Georges (inventor). Issued 12-3-35.
2,023,329. Setting head for machines for the grinding of worms. Lechesne Gabriel (inventor); Durand Paul (grantee). Issued 12-3-35.
2,023,505. Synchronous device. Barthelemy Rene (inventor); Cie Pour la Fabrication Des Compteurs Et Materiel D Usines A Gaz (grantee). Issued 12-10-35.
2,023,572. Method for effecting by pressure the face grinding of hard material surfaces. Brendel Georges Fernand (inventor); S A Dite Soc Marbriere De Paris (grantee). Issued 12-10-35.
2,023,646. Tubular heat exchange apparatus. Richard Henri Andre (inventor). Issued 12-10-35.
2,023,648. Machine for manufacturing zip fasteners. Schune Lucien Marcel (inventor). Issued 12-10-35.
2,023,737. Endless track vehicle. Martinage Leon (inventor). Issued 12-10-35.
2,023,745. Device for the continuous renewal of glass in a drawing off basin attached to a glass furnace. Roirant Emile (inventor); S A D Etudes Et De Constructions D Appareils Mecaniques Pour La Verrerie (grantees). Issued 12-10-35.
2,023,746. Rotating drawing off basins attached to glass furnaces. Roirant Emile (inventor); S A D Etudes Et De Constructions D Appareils Mecaniques Pour La Verrerie (grantee). Issued 12-10-35.
2,023,750. Feathering paddle wheel. Strandgren Carl Bruno (inventor). Issued 12-10-35.
2,024,048. Compound tunnel or flame furnace. Kyriacou Nicolas (inventor). Issued 12-10-35.
2,024,269. Piston. Bernard Auguste Louis Rene Dec (inventor); Bernard Renee Nee Bournonville Excr (grantee). Issued 12-17-35.
2,024,307. Mattressing. Rosenfeld Salomon (inventor). Issued 12-17-35.
2,024,538. Change speed apparatus. Saives Leon (inventor); Renault Louis (grantee). Issued 12-17-35.
2,024,848. Internal combustion engine. Cousin Maurice (inventor). Issued 12-17-35.
2,024,854. Means for treating substances. George Henri (inventor); S A Des Manufactures Des Glaces and Produits Chimiques De Saint Gobain Chauny & Cirey (grantee). Issued 12-17-35.
2,024,864. Chromatable azo dyestuffs and their production. Kopp Georges, Peticolas Pierre et al (inventors); Cie Nationale De Matieres Colorantes Et Manufactures De Produits Chimiques Du Nord Reunies Etablissements Kuhlmann (grantee). Issued 12-17-35.
2,025,018. Explosion motor. Mondragon Hector Eugene (inventor). Issued 12-17-35.
2,025,176. Motor compressor. Pescara Raul Pateras (inventor). Issued 12-24-35.
2,025,177. Motor compressor. Pescara Raul Pateras (inventor). Issued 12-24-35.
2,025,195. Starting device for engines. Cibie Pierre (inventor). Issued 12-24-35.
2,025,326. Fire extinguisher. Bouillon Joseph Marie Francois (inventor). Issued 12-24-35.
2,025,338. Lightning rod assembly. Capart Gustave Paul (inventor). Issued 12-24-35.
2,025,402. Apparatus for the roasting or the calcination of pulverulent materials. Saint Jacques Eugene Camille (inventor); Soc Chantereine D Applications Industrielles De Brevets (grantee). Issued 12-24-35.
2,025,454. Check valve for air brakes. Houplain Georges (inventor). Issued 12-24-35.
2,025,483. Closure device with separable fasteners for cloths and the like. Tchekhovitch Apollon (inventor). Issued 12-24-35.
2,025,496. Paving of roads or streets. Courtois Georges (inventor); Soc Francaise Du Vialit (grantee). Issued 12-24-35.
2,025,559. Polychromatic printing plate. Tchechonin Serge (inventor). Issued 12-24-35.
2,025,608. Method and apparatus for recording and reproducing mechanical vibrations. Nublat Rene Leon Adolphe (inventor); Soc A Responsabilite Ltee Soc D Etudes Pour L Exploitation Des Brevets Nublat (grantee). Issued 12-24-35.
2,025,634. Evaporator for refrigerating plants. Bernat Raoul et al, Bernat Henri (inventors). Issued 12-24-35.
2,025,640. Gyrostat. Broulhiet Georges (inventor). Issued 12-24-35.
2,025,671. Cinematographic film in natural colors. Raguin Georges Andre (inventor); Soc Lumiere (grantee). Issued 12-24-35.
2,025,720. Independent wheel suspension. Broulhiet Georges (inventor). Issued 12-31-35.
2,025,721. Front axle provided with independent wheels. Broulhiet Georges (inventor). Issued 12-31-35.
2,025,952. Casing holding display matter for motor vehicles. Levet Georges (inventor); S A Des Usines Chausson (grantee). Issued 12-31-35.
2,025,953. Fire extinguishing device. Marchaut Pierre Jean (inventor). Issued 12-31-35.
2,025,982. Light projector. Guicherd Louis (inventor). Issued 12-31-35.
2,025,996. Light sensitive organic chromic salt colloid layer and process of preparing same. Maillet Gaston (inventor). Issued 12-31-35.
2,026,094. Time fuse. Methlin Nicolas Emilien (inventor); Schneider & Cie (grantee). Issued 12-31-35.
2,026,244. Universal constant speed joint. Myard Francis Emile (inventor). Issued 12-31-35.
2,026,439. Apparatus for molding fuel briquettes. Sanial Eugene (inventor); Soc A Responsabilite Limitee Dite Distillation A Basse Temperature Et Auto Agglomeration Des Combustibles (grantee). Issued 12-31-35.
2,026,466. Electrolytic system for the production of aluminum. Grolee Jean (inventor); Cie De Produits Chimiques Et Electrometallurgiques Alais (grantees). Issued 12-31-35.
2,026,927. Corking machine. Wintenberger Paul (inventor). Issued 1-7-36.
2,027,475. Apparatus for the purification of water. Giraud Pierre Rene (inventor); Soc D Etude Pour L Epuration Des Eaux Procedes G Et B (grantee). Issued 1-14-36.
2,027,678. Cinematographic film driving device. Debrie Andre Leon Victor Clement (inventor). Issued 1-14-36.
2,027,679. Cinematographic projector. Debrie Andre Leon Victor Clement (inventor). Issued 1-14-36.
2,027,680. Projecting machine for sound cinematographs. Debrie Andre Leon Victor Clement (inventor). Issued 1-14-36.
2,027,763. Process of making hard sintered metals. Boecker Gustav (inventor); Acidia (grantee). Issued 1-14-36.
2,027,877. Motor compressor. Pescara Raul Pateras (inventor). Issued 1-14-36.
2,027,903. Apparatus for testing liquids and especially lubricants. Dintilhac Jean Georges (inventor); Soc L'Huile Des Records Du Monde S A F (grantee). Issued 1-14-36.
2,027,924. Freewheel device. Moreau Pierre (inventor). Issued 1-14-36.
2,027,966. Suspension device. Dubonnet Andre (inventor). Issued 1-14-36.
2,028,046. Door constituting a removable and changeable refrigerating unit for refrigerating plants. Calatroni Edison (inventor). Issued 1-14-36.
2,028,193. Flushing apparatus. Colliot Jules Henri (inventor). Issued 1-21-36.
2,028,233. Welding. Naeder Maurice (inventor). Issued 1-21-36.
2,028,312. Electroplating of aluminum. Bornhauser Oscar (inventor); Soc D Electrochimie D Electrometallurgie Et Des Acieries Electriques D Ugine (grantee). Issued 1-21-36.
2,028,434. Device for effectively dissipating heat from machine parts. Bernard Auguste Louis Rene Decd (inventor); Bernard Renee Nee Bournonville Excr. (grantee). Issued 1-21-36.
2,028,476. Garage for automobiles & the like. Rome Jacques et al, Rubinstein Kurt (inventors). Issued 1-21-36.

2,028,494. Machine for making finishing welts. Blanchet Paul et al, Tillie Gaston (inventors); S A F A C A (grantee). Issued 1-21-36.

2,028,518. Cell of the solid electrolyte type. Oppenheim Rene (inventor); S A Le Carbone (grantee). Issued 1-21-36.

2,028,587. Multiple switch. Brustlein Jean (inventor); Gavoret Georges & Cie (grantee). Issued 1-21-36.

2,028,675. Expansion valve for steam. Lavergne Jean (inventor); Soc Cie De Chauffage Central Par Le Vide (grantee). Issued 1-21-36.

2,028,996. Manufacture of cartridge case cups. Sautier Emile (inventor); Manufacture De Machines Du Haut Rhin S A (grantee). Issued 1-28-36.

2,029,797. Apparatus for the manufacture of cups from which cartridge cases can be cold drawn. Sautier Emile (inventor); Manufacture De Machines Du Haut Rhin S A (grantee). Issued 2-4-36.

2,029,829. System for ensuring fluid tightness for horizontal hydraulic cylinders. Messier George Louis Rene Jean Dec (inventor); Messier Yvonne Lucie Born Bonnamy Admx (grantee). Issued 2-4-36.

2,030,017. Automatic smoke preventer. Mille Raymond (inventor). Issued 2-4-36.

2,030,018. Apparel belt. Mouilbau Jules (inventor); Soc Du Caoutchouc Manufacture (grantee). Issued 2-4-36.

2,030,162. Heating block for the treatment of hair. Waret Julien (inventor). Issued 2-11-36.

2,030,491. Device for applying luminescent tubes to power transmission lines. Abadie Jean Baptiste Joseph Marcel (inventor). Issued 2-11-36.

2,030,795. Color Cinematography. Hudeley Victor et al, Lagrave Jean (inventors). Issued 2-11-36.

2,030,963. Discharge tube. Claude Andre (inventor); S A Pour Les Applications De L Electricite Et Des Gaz Rares Etablissements Claude Paz & Silva (grantee). Issued 2-18-36.

2,031,379. Carburetor. Mathieu Eugene (inventor). Issued 2-18-36.

2,031,554. Recovery of the gases and dust evolved in the electrolytic manufacture of aluminum. Torchet Pierre Jean Michel (inventor); Cie De Produits Chimiques Et Electrometallurgiques Alias (grantee). Issued 2-18-36.

2,031,736. Radio receiving system. Rocard Yves (inventor); La Radiotechnique (grantee). Issued 2-25-36.

2,031,852. Meter for liquids. Poiliot Jean Pierre Edmond (inventor); Etablissements Pompes Guinard Pompes Guinard & Etablissements Cohendet Reunis (grantee). Issued 2-25-36.

2,032,076 Lap forming apparatus. Weinbrenner Jules (inventor). Issued 2-25-36.

2,032,108. Two stroke engine. Bernard Auguste Louis Rene Dec (inventor); Bernard Renee Nee Bournonville Excx (grantee). Issued 2-25-36.

2,032,148. Electrically actuated pulsator pump. Ramige Cecile (inventor). Issued 2-25-36.

2,032,229. Telephone call apparatus. Servanton Jacques et al, Consael Jean Marie (inventors). Issued 2-25-36.

2,032,267. Wagon for transportation by rail and by road. Deglarge Julien Rene Louis (inventor). Issued 2-25-36.

2,032,622. Reflector. Le Guillou Rene Jean (inventor); Soc Des Applications Guilux (grantee). Issued 3-3-36.

2,032,652. Process & apparatus for carrying out chemical reactions in particular catalytic reactions. Du Chaffaut Roger (inventor); L Air Liquide S A Pour L Etude & L Exploitation Des Procedes Georges Claude (grantee). Issued 3-3-36.

2,032,673. Machine for manufacturing reenforcing elements for concrete structures. Thiblerge Jean Georges (inventor). Issued 3-3-36.

2,032,955. System of assembly for the elements of constructional toys. Roussy Louis et al, Trubert Rene (inventors). Issued 3-3-36.

2,032,975. Suspension device for automobiles. Broulhiet Georges (inventor). Issued 3-3-36.

2,032,977. Heat treating welded steel parts. Delachaux Clarence Leon (inventor); Acieries De Gennevilliers Anciens Etablissements Delachaux (grantee). Issued 3-3-36.

2,032,994. Bismuth campholate. Lecoq Louis (inventor). Issued 3-3-36.

2,033,172. Process for the manufacture of alloys containing boron. Andrieux Jean Lucien (inventor); Soc D Electrochimie D Electrometallurgie Et Des Acieries Electriques D Ugine (grantee). Issued 3-10-36.

2,033,351. Process of manufacture of paper. Nelson Harry Huet et al, Becker Guillaume (inventors). Issued 3-10-36.

2,033,508. Electric Apparatus. Bignon Lucien (inventor). Issued 3-10-36.

2,033,517. Heating device. Gazda Leopoldine (inventor). Issued 3-10-36.

2,033,581. Portable wire tying machine. Malinge Leon (inventor). Issued 3-10-36.

2,033,590. Clutch control for motor vehicles. Saives Leon (inventor); Renault Louis (grantee). Issued 3-10-36.

2,033,721. Suspension system. Liron Charles et al, Veper George (inventors). Issued 3-10-36.

2,035,733. Homokinetic transmission joint. Myard Francis Emile (inventor). Issued 3-10-36.

2,033,810. Internal combustion engine. Bernard Auguste Louis Rene Dec (inventor); Bernard Renee Born Bournonville Excx (grantee). Issued 3-10-36.

2,033,938. Shock absorber for motor and other vehicles. Jalbert Jean Henry (inventor). Issued 3-17-36.

2,034,323. Air cleaner. Bernard Auguste Louis Rene Recd (inventor); Bernard Renee Nee Bournonville Excx (grantee). Issued 3-17-36.

2,034,339. Refining of aluminum. Gadeau Robert Andre (inventor); Cie de Produits Chimiques et Electro Metallurgiques Alais (grantees). Issued 3-17-36.

2,034,448. Mechanical underfeed stoker. Sevellec Eugene Cyprien (inventor). Issued 3-17-36.

2,034,504. Suspension of railway cars and other vehicles. Bugatti Jean (inventor). Issued 3-17-36.

2,034,534. Process and apparatus for assembling and fitting the elements of needle or roller bearings. Pitner Alfred Otto (inventor). Issued 3-17-36.

2,034,604. Chopping machine. Borsakovsky Voldemar (inventor); Vincent Eugene (grantee). Issued 3-17-36.

2,034,855. Means for supplying an additional fluid to the cylinder of an internal combustion engine. Alby Pierre Leon (inventor). Issued 3-24-36.

2,034,977. Brake for vehicles. De Lavaud Dimitri Sensaud (inventor). Issued 3-24-36.

2,034,987. Process for coating glass sheets. Morita Kikujiro (inventor). Issued 3-24-36.

2,035,151. Gas pressure regulator. Eches Georges (inventor); Cie Pour La Fabrication des Compteurs et Materiel D Usines A Gaz (grantees). Issued 3-24-36.

2,035,159. Pump. Henry Louis Eugene Victor Joseph (inventor). Issued 3-24-36.

2,035,177. Carburetor. Mennesson Marcel Louis (inventor); S A Solex (grantee). Issued 3-24-36.

2,035,287. Talking machine. Lahr Alfred (inventor); Cie Francaise du Mirodisque (grantee). Issued 3-24-36.

2,035,303. Automatic quick firing arm. Delacre Henri (inventor). Issued 3-24-36.

2,035,308. Toy. Ferber Robert Paul Frederic (inventor). Issued 3-24-36.

2,035,773. Photoelectric apparatus. Thomas Albert (inventor). Issued 3-31-36.

2,036,126. Ammunition supplying device for pairs of guns mounted in turrets or the like. Daum Leon (inventor); Schneider and Cie, Forges Cie Des et Acieries de la Marine et D Homecourt (grantees). Issued 3-31-36.

2,036,137. Process of preparation of dichloracetic acid. Guyot Alfred (inventor); Cie de Produits Chimiques et Electrometallurgiques Alais Froges et Camargue (grantees). Issued 3-31-36.

2,036,385. Brake. Amirault Maxime (inventor); S A Francaise du Ferodo (grantee). Issued 4-7-36.

2,036,436. Device for rough turning in the lathe or similar machine tool. Quichon Paul (inventor); S A Compagnie des Forges de Chatillon Commentry & Neuves Maisons (grantees). Issued 4-7-36.

2,036,442. Method and apparatus for developing sound record motion picture film. Tanatar Marc (inventor). Issued 4-7-36.

2,036,917. Electric timepiece. Favre Bulle Maurice Philippe (inventor). Issued 4-7-36.

2,036,919. Feed mechanism for separating coupons tickets or the like. Calmes Eugene Martin (inventor). Issued 4-7-36.

2,036,924. Process and apparatus for the continuous extraction or treatment of liquids. Coutor Charles (inventor); Soc Etablissements Lambiotte Freres (grantee). Issued 4-7-36.

2,036,996. Engine radiator. Bernard Auguste Louis Rene Dec (inventor); Bernard Renee Nee Bournonville Excr (grantee). Issued 4-14-36.

2,037,228. Mold and method of manufacturing the same. George Henri (inventor); S A des Manufactures des Glaces & Produits Chimiques de Saint Gobain Chauny & Cirey (grantees). Issued 4-14-36.

2,037,345. Mileage counter for the hubs of vehicle wheels. Seignol Edouard (inventor). Issued 4-14-36.

2,037,619. Liquid Fuel Admission valve for internal combustion engines. Coatalen Louis (inventor). Issued 4-14-36.

2,037,627. Device for controlling the action of a fluid under pressure. Hertz Stanislas Dec (inventor); Hertz Denise Nee David Excr Berger Mourice Pierre (grantees). Issued 4-14-36.

2,037,854. Sound reader for sound film projectors. Debrie Andre Leon Victor Clement (inventor). Issued 4-21-36.

2,037,972. Cinematograph apparatus. Gillet Andre Auguste (inventor); Soc Pour L Exploitation des Brevets A G I (grantees). Issued 4-21-36.

2,038,138. Automatic control device for the pneumatic cleaning of coal. Spinetta Dominique (inventor); Preparation Industrielle des Combustibles (grantees). Issued 4-21-36.

2,038,367. Process for the manufacture of concrete having a high electric insulation resistance. Lambert Emile Pierre Claudius (inventor). Issued 4-21-36.

2,038,369. Method for transforming hydrocarbons. Lege Edouard Georges Marie Romain (inventor). Issued 4-21-36.

2,038,427. Telephonic Signaling device. Friedlander Albert (inventor). Issued 4-21-36.

2,038,442. Motor compressor. Pescara Raul Pateras (inventor). Issued 4-21-36.

2,038,489. Closing device for receptacles. Guiot Auguste (inventor). Issued 4-21-36.

2,038,643. Apparatus for the treatment of hats and other articles. Casse Marcel (inventor). Issued 4-28-36.

2,038,650. Bag filling and weighing machine. Du Bois Alfred (inventor). Issued 4-28-36.

2,038,655. Meter for granular material. Hanique Alfred (inventor). Issued 4-28-36.
2,038,799. Change speed gear. Masson Louis Maxime (inventor); Omnium Financier Pour L Industrie et le Commerce S A (grantee). Issued 4-28-36.
2,038,897. Gear cutter for the cutting of curved teeth gears. Geny Alfred Joseph (inventor). Issued 4-28-36.
2,038,901. Locking device for lids box and trunk panels and the like. Mollet Leon Julien (inventor); S A des Usines Chausson (grantee). Issued 4-28-36.
2,038,942. Metallizable azodyestuffs and their production. Kopp Georges (inventor); Cie Nationale de Matieres Colorantes et Manufactures de Produits Chimiques du Nord Reunies Etablissements Kuhlmann (grantee). Issued 4-28-36.
2,038,979. Gravity dam. Baticle Louis Urbain Edgar Antonin (inventor). Issued 4-28-36.
2,039,151. Device for cushioning the shock of ships. Dubois Charles Emile Ferdinand (inventor); Soc S I M E C, Soc Industrielle de Materiel d Enterprise et de Construction (grantees). Issued 4-28-36.
2,039,190. Apparatus for determining the value of the braking action of the brakes of automobiles. Salle Maurice (inventor). Issued 4-28-36.
2,039,198. Gun carriage. Sutter Charles et al, Dugied Eugene Albert (inventors); S A des Anciens Etablissements Hotchkiss & Cie. (grantee). Issued 4-28-36.
2,039,209. Stop motions of textile apparatus. Blum Izchak (inventor); Soc Comptoir d Appareils Textiles, Societe a Responsabilite Limitee (grantees). Issued 4-28-36.
2,039,210. Axle for vehicles. Bugatti Ettore (inventor). Issued 4-28-36.
2,039,213 Multiple printing machine. Debrie Andre Leon Victor Clement (inventor). Issued 4-28-36.
2,039,260. Retaining wall construction. Ravier Sylvain Louis (inventor). Issued 4-28-36.
2,039,455. Window for vehicle doors. Saives Leon (inventor); Renault Louis (grantee). Issued 5-5-36.
2,039,890. Burner. De Coster Henri (inventor). Issued 5-5-36.
2,039,949. Rolling device for films. Bombrun Mathieu Jean Albert (inventor). Issued 5-5-36.
2,040,197. Mechanism for the tripping or release of movable organs. Birkigt Louis (inventor). Issued 5-12-36.
2,040,206. Arrangement for operating engine valve gear sleeves. Kegresse Adolphe (invenator). Issued 5-12-36.
2,040,208. Emulsion for surfacing roads. Lacau Robert Joseph (inventor). Issued 5-12-36.
2,040,213. Centrifugal machine. Perrier Daniel (inventor); S A Francaise Said Anciens Etablissements Cime (grantee). Issued 5-12-36.
2,040,433. Suction and force pump. Duffaud Suzanne Alice (inventor). Issued 5-12-36.
2,040,663. Installation for mixing two fluids. Mallet Charles et al, Couetoux Henri Charles (inventors); Etablissements Jacob Delafson Cie Ceramique de Pouilly sur Saone et Belvoye (grantee). Issued 5-12-36.
2,040,729. Apparatus for drying wood and the like. De Cissey Pierre (inventor). Issued 5-12-36.
2,040,748. Vapor electric discharge device. Leroy Louis (inventor); Forges et Ateliers de Constructions Electriques de Jeumont S A (grantee). Issued 5-12-36.
2,040,929. Method of corrugating sheet material. Franghia Byron (inventor). Issued 5-19-36.
2,041,107. Bush. Bastin Louis Henri Pierre (inventor); Soc. Generale Isothermos S A (grantee). Issued 5-19-36.
2,041,486. Electric furnace. Richalet Paul (inventor). Issued 5-19-36.
2,041,528. Safety glass. Cottet Emile Clement (inventor); Soc des Usines Chimiques Rhone Poulenc (grantee). Issued 5-19-36.
2,041,539. Valve spring arrangement. Gaultier Maurice (inventor); Delage & Cie (grantee). Issued 5-19-36.
2,041,603. Automatic brake for railway trains. Hallot Paul (inventor). Issued 5-19-36.
2,041,826. Apparatus for increasing draft in furnaces and for purifying flue gases. Garnier Fernand (inventor). Issued 5-26-36.
2,041,907. Colored cellulose material. Dosne Henry (inventor). Issued 5-26-36.
2,041,989. Apparatus for the transportation and working off of spun cakes produced by the centrifuge spinning process Borzykowski Benno (inventor). Issued 5-26-36.
2,042,393. Colored cellulose material. Dosne Henry (inventor). Issued 5-26-36.
2,042,449. Quick firing arm. Baumann Werner (inventor). Issued 6-2-36.
2,042,590. Embroidery machine. Chiti Aroldo (inventor); Anciens Etablissements R Cornely & Cie S A (grantee). Issued 6-2-36.
2,042,614. Railway track gauge. Mauzin Andre Ernest (inventor). Issued 6-2-36.
2,042,696. Compositions useful for the production of azo dyestuffs & their application. Bader Marcel Joseph Gustave (inventor). Issued 6-2-36.
2,042,697. Electromechanical reproducer for gunfire. Baranoff Andre Valentin (inventor). Issued 6-2-36.
2,043,115. Apparatus for the amalgamation of ores. Phily Claude Joseph Francois Dit de Phily (inventor). Issued 6-2-36.
2,043,155. Cinematographic view taking camera. Debrie Andre Leon Victor Clement (inventor). Issued 6-2-36.
2,043,170. Air cooled engine. Heinrich Jean (inventor); Soc des Moteurs Salmson (grantee). Issued 6-2-36.
2,043,181. Endless conveyer band filter. Lamort Marcel (inventor); Lamort E et M Fils (grantee). Issued 6-2-36.
2,043,437. Device for recuperating heat in cooking foodstuffs or the like. Hettinger Victor (inventor). Issued 6-9-36.
2,043,514. Carburetor. Mennesson Marcel (inventor); S A Solex (grantee). Issued 6-9-36.
2,043,522. Photographic apparatus for color cinematography. Valentin Auguste et al, Bassani Laurent (inventors). Issued 6-9-36.
2,043,526. Automatic telephone apparatus. Boye Alfred (inventor). Issued 6-9-36.
2,043,562. Fluidtight coupling. Tailleferre Henri (inventor). Issued 6-9-36.
2,043,564. Method of preparing artificial sponges. Vautier Leon Pierre Georges et al, Fays Rene (inventors); Comptoir des Textiles Artificiels (grantee). Issued 6-9-36.
2,043,565. Blasting cartridge. Weber Guillaume (inventor); les Petits Fils de Francois de Wendel & Cie (grantee). Issued 6-9-36.
2,043,604. Method of preparing wiping rollers for printing. Beaune Serge (inventor); Soc des Procedes Serge Beaune (grantee). Issued 6-9-36.
2,043,655. Cooling of electric machines. Ehrmann Paul (inventor). Issued 6-9-36.
2,043,828. Electric organ. Coupleux Edouard Eloi (inventor). Issued 6-9-36.
2,044,123. Alkali primary cell with depolarization by air. Oppenheim Rene (inventor). S A Le Carbone (grantee). Issued 6-16-36.
2,044,306. Endless track vehicle. Kegresse Adolphe (inventor). Issued 6-16-36.
2,044,307. Endless track vehicle. Kegresse Adolphe (inventor). Issued 6-16-36.
2,044,550. Typewriter. Teissedre Gustave (inventor). Issued 6-16-36.
2,044,646. Flow control mechanism. Stein Charles Marie (inventor); S A Fours et Appareils Stein (grantee). Issued 6-16-36.
2,044,706. Bottle closure and dispenser. Landrin Albert (inventor). Issued 6-16-36.
2,044,766. Process for separating the volatile liquid organic constituents of pyroligneous acid. Berthelemy Pierre et al, Baylocq Francois (inventors); S A Francaise Said les Produits Chimiques Purs (grantee). Issued 6-23-36.
2,044,923. Battery. Thompson Harrison G et al, Hughes Dow B (inventors); Le Carbon Co (grantee). Issued 6-23-36.
2,045,042. Electrical teleindicating device. Methlin Nicolas Emilien (inventor); Schneider & Cie (grantee). Issued 6-23-36.
2,045,077. Cock with rotary continuous distributor for machines to fill bottles with liquid under pressure. Gely Andre (inventor). Issued 6-23-36.
2,045,132. Betaines and process for preparing the same. Girard Andre et al, Sandulesco Georges (inventors); Les Laboratoires Francais de Chimiotherapia (grantee). Issued 6-23-36.
2,045,152. Process of and apparatus for performing conversions of mechanical and thermal energy. Lebre Albert Francois (inventor). Issued 6-23-36.
2,045,194. Device for supplying hot air to a furnace. Luks Robert Emile (inventor). Issued 6-23-36.
2,045,201. Car braking apparatus for railroads. Rabourdin Jean (inventor). Issued 6-23-36.
2,045,288. Barthelemy Rene (inventor); Cie Pour La Fabrication Des Compteurs et Materiel d Usines a Gaz (grantee). Issued 6-23-36.
2,045,513. Process for separating volatile organic compounds from aqueous solutions. Berthelemy Pierre et al. Baylocq Francois (inventors); S A Francaise Said Les Produits Chimiques Purs (grantee). Issued 6-23-36.
2,046,017. Silencer for firearms combustion engines and the like. Coanda Henri (inventor). Issued 6-30-36.
2,046,083. Means for the manufacture of pads or sheets composed of fibers of kapok or the like materials. Mims Charles Norman (inventor). Issued 6-30-36.
2,046,208. Resilient transmission disk. Paulsen Jean Felix et al, Strachovsky Nikita (inventors). Issued 6-30-36.
2,046,314. Room cooling unit. Benkly George N (inventor). Issued 7-7-36.
2,046,464. Printing device for statistical calculating and tabulating machines utilizing perforated cards. Knutsen Knut Andreas (inventor). Issued 7-7-36.
2,046,465. Card controlled device. Knutsen Knut Andreas (inventor). Issued 7-7-36.
2,046,494. Heat insulating and fireproof materials. Van Rolleghem Robert (inventor); Cie Internationale de Produits Ignifuges et Calorifuges C I P I C (grantee). Issued 7-7-36.
2,046,499. Regenerative treatment of rubber. Calise Bruno Gisleno (inventor). Issued 7-7-36.
2,046,803. Device for controlling variable and adjustable condensers. Volet Rene Alfred Laurent (inventor); Blemer S A R L (grantee). Issued 7-7-36..
2,047,451. Ship S form. Yourkevitch Vladimir (inventor). Issued 7-14-36.
2,047,456. Holder for dental thread or floss. Barsch Guillaume (inventor). Issued 7-14-36.
2,047,481. Ceramic bath. Mallet Charles (inventor); Etablissements Jacob Delafon Cie Ceramique de Pouilly Sur Saone et Belvoye (grantee). Issued 7-14-36.
2,047,505. Accounting typewriter. Hausheer Max Emile (inventor). Issued 7-14-36.
2,047,644. Shed and analogous construction. Mopin Eugene Germain Paul (inventor). Issued 7-14-36.

2,047,675. Anhydride of the half ester of carbonic and salicylic acids and process of making the same. Dupont Lucien Alexandre (inventor). Issued 7-14-36.
2,047,884. Fuse for projectiles. Remondy Leon Emile (inventor). Issued 7-14-36.
2,048,059. Respiratory apparatus. Giraudet de Boudemange Jean Marie Guy (inventor). Issued 7-21-36.
2,048,238. Corset steel. Weeks Walter Roy (inventor). Issued 7-21-36.
2,048,253. Method and apparatus for the manufacture of hollow bodies of reenforced concrete. Freyssinet Eugene (inventor). Issued 7-21-36.
2,048,902. Liquid cooling apparatus. Velut Rene (inventor). Issued 7-28-36.
2,048,903. Holding handle for relooping tools. Vitoux Marcel (inventor). Issued 7-28-36.
2,048,947. Machine for cutting transverse grooves in pneumatic and resilient tires. Piquerez Emile (inventor). Issued 7-28-36.
2,049,006. Airplane having variable lifting surfaces. Gerin Jacques (inventor). Issued 7-28-36.
2,049,099. Ultraviolet radiation apparatus. Axelos Jeanne Goude et al, Claude Andre (inventors); S A Pour Les Applications de L Electricite & Des Gaz Rares Etablissements, Claude Paz & Silva (grantee). Issued 7-28-36.
2,049,110. Reactive pencil for the determination of the pH index. Dru Raymond Antonin Albert (inventor). Issued 7-28-36.
2,049,117. Heat exchanging apparatus. Hubert Charles Adolphe (inventor). Issued 7-28-36.
2,049,154. Process for communicating with trains in motion by a high frequency current and applications. Chireix Henri (inventor); Soc Francaise Radio Electrique (grantee). Issued 7-28-36.
2,049,198. Alkali earth metal aurothioglycollates and process of producing same. Delange Raymond (inventor); Fabriques de Produits de Chimie Organique de Laire (grantee). Issued 7-28-36.
2,049,367. Reflecting sign or signal. Gerber Armand (inventor). Issued 7-28-36.
2,049,378. Case for rouge sticks. Holl Charles (inventor). Issued 7-28-36.
2,049,822. Apparatus for beading eyelets. Polly Daniel (inventor); Soc Industrielle de Ferblanterie (grantee). Issued 8-4-36.
2,049,949. Apparatus for producing sudoriferous vapor baths. Diena Jacopo (inventor). Issued 8-4-36.
2,049,995. Electric circuit breaker with compressed gas blow out. Clerc Andre (inventor); Ateliers de Constructions, Electriques de Delle (grantees). Issued 8-4-36.
2,049,996. Electric circuit breaker with compressed gas blow out. Clerc Andre (inventor); Ateliers de Constructions, Electriques de Delle (grantees). Issued 8-4-36.
2,050,252. Electric traction system with compound motors and electric braking. Bacqueyrisse Louis (inventor). Issued 8-11-36.
2,050,411. Receiving apparatus for television. Barthelemy Rene (inventor); Cie Pour la Fabrication des Compteurs et Materiel d Usines a Gaz (grantee). Issued 8-11-36.
2,050,412. Telecinematographic emitter. Barthelemy Rene (inventor); Cie Pour la Fabrication des Compteurs et Materiel d Usines a Gaz (grantee). Issued 8-11-36.
2,050,672. Pressure relief device for shock absorbers. Simon Lucien (inventor); Soc d Exploitation des Brevets, Lucien Simon Amortisseurs Sanchok S A (grantees). Issued 8-11-36.
2,050,806. Loader for refuse vehicles. Rey Fernand (inventor). Issued 8-11-36.
2,051,022. Bodywork. Bugatti Ettore (inventor). Issued 8-18-36.
2,051,095. Masher. Mantelet Jean (inventor); Mantelet & Boucher, Soc en Nom Collectif (grantees). Issued 8-18-36.
2,051,104. Frequency changing radio receiving apparatus. Rocard Yves (inventor); La Radiotechnique (grantee). Issued 8-18-36.
2,051,321. Refrigerating machine. Vin Rene Joseph Emile Constant (inventor); Callon Pierre (grantee). Issued 8-18-36.
2,051,553. Control device for variable ratio transmissions. Fleischel Gaston (inventor). Issued 8-18-36.
2,051,729. Means for reproducing sound from and re recording sound films. Marty Rene Henri Charles (inventor). Issued 8-18-36.
2,052,071. File fabric and the method and apparatus for making same. Banister Xenia (inventor); Strachovsky Nikita Paulsen Jean Felix (grantees). Issued 8-25-36.
2,052,212. Apparatus for the continuous manufacture of sheet glass. Boudin Louis (inventor); S A des Manufactures Des Glaces et Produits Chimiques de Saint Gobain Chauny and Cirey (grantees). Issued 8-25-36.
2,052,253. Device for the production of yaourt or the like. Savary Jean Baptiste Raoul (inventor). Issued 8-25-36.
2,052,368. Gas controlled automatic firearm. Sutter Charles et al, Dugied Eugene Albert (inventors); S A des Anciens Etablissements Hotchkiss et Cie (grantees). Issued 8-25-36.
2,052,448. Device for manufacturing elastic joints. Colaert Daniel Dominique Joseph Charles Corneille (inventor). Issued 8-25-36.
2,052,503. Parachute. Tricau Gabriel (inventor). Issued 8-25-36.
2,052,660. Device for stabilizing rail vehicles. Rocard Yves Andre (inventor). Issued 9-1-36.
2,052,794. Rotary fluid meter. Petot Henry Francois (inventor). Issued 9-1-36.
2,052,818. Process for the manufacture of molded pieces or bodies from mortars or concrete. Freyssinet Eugene et al, Seailles Jean (inventors); Freyssinet Eugene (grantee). Issued 9-1-36.
2,052,869. Device for deflecting a stream of elastic fluid projected into an elastic fluid. Coanda Henri (inventor). Issued 9-1-36.
2,053,017. Internal combustion engine with reciprocating blades. Babel Raymond Alexandre (inventor). Issued 9-1-36.
2,053,173. Shadow producing screen for luminous projections and other applications and process for its manufacture. Astima Eugene (inventor). Issued 9-1-36.
2,053,175. Method for the direct manufacture and employment of artificial fibers. Borzykowski Benno (inventor). Issued 9-1-36.
2,053,619. Polarized alternating current relay. Le Goff Lucien Joseph Armand (inventor); Soc d Electricite Mors (grantee). Issued 9-8-36.
2,053,634. Automatic starter for motors. Roes Georges (inventor). Issued 9-8-36.
2,053,652. Smelting furnace. Blanchard Paul Louis Charles, et al., Delot Maurice Helie Valentin Pigal Roland Arthur (inventors). Issued 9-8-36.
2,053,657. Pirnless shuttle for weaving looms. Dewas Raymond (inventor). Issued 9-8-36.
2,053,742. Station name indicator for radio receivers. Routin Joseph Louis (inventor). Issued 9-8-36.
2,053,834. Process for the simultaneous production of sulphuric and nitric acids. Kachkaroff Pierre et al. Matignon Camille (inventors). Issued 9-8-36.
2,054,038. Masher. Mantelet Jean (inventor); Mantelet & Boucher Soc en Nom Collectif (grantee). Issued 9-8-36.
2,054,063. Suspension device. Chedru Gustave Emile (inventor); Dubonnet Andre (grantee). Issued 9-15-36.
2,054,510. Percussion fuse for projectiles bombs the like. Remondy Leon Emile (inventor). Issued 9-15-36.
2,054,810. Adjustable pitch propeller. Gaba Achille Ernest (inventor). Issued 9-22-36.
2,054,876. Feathering propeller. De Tryon Montalembert Rene (inventor). Issued 9-22-36.
2,054,907. Locking device for trunks chests and the like. Mollet Leon Julien (inventor); S A Des Usines Chausson (grantee). Issued 9-22-36.
2,054,951. Body of automobile vehicles. Saives Leon (inventor); Renault Louis (grantee). Issued 9-22-36.
2,054,977. Automatic furniture leveling device. Herve Alexandre (inventor). Issued 9-22-36.
2,055,271. Automatic flushing appartus for water closets and like purposes. Vuagnat Pierre Emile (inventor). Issued 9-22-36.
2,055,298. Light Reflector. Leray Gustave (inventor). Issued 9-22-36.
2,055,585. Screw capable of conversion into a fixed wing. Perrin Edouard Alfred (inventor). Issued 9-29-36.
2,055,590. Device for extinguishing fires on board ships. Pugnet Rene (inventor); S A Des Chantiers et Ateliers de Saint Nazaire Penhoet (grantee). Issued 9-29-36.
2,055,691. Insulating material for lining and other uses. Bardou Job Pierre Michel et al, Justin, Hebrard Henri Francis (inventors); reissue Saint Marguerite Ceret (grantee). Issued 9-29-36.
2,055,947. Process for the production of calcium aluminate and alumina. Seailles Jean Charles (inventor). Issued 9-29-36.
2,055,951. Power transmission device. Strandgren Carl Bruno (inventor). Issued 9-29-36.
2,055,981. Electric furnace for heating sheets of plate glass or sheet glass before tempering. Magnien Raymond (inventor); Soc Assurex le Roi des Verres de Securite Magnien Monnier et Cie, Petit Leon Alfred Edouard (grantees). Issued 9-29-36.
2,056,046. Manufacture of bases derived from benz dioxane. Fourneau Ernest (inventor); Soc des Usines Chimiques Rhone Poulenc (grantee). Issued 9-29-36.
2,056,533. Free piston compressor. Pescara Raul Pateras (inventor). Issued 10-6-36.
2,056,696. Complex objective for three color projection. Valentin Auguste et al, Bassani Laurent (inventors). Issued 10-6-36.
2,056,705. Jewel setting. Arpels Salomon Dit Charles (inventor); Soc Van Cleef & Arpels (grantee). Issued 10-6-36.
2,056,735. Apparatus for countercurrent extraction. Olier Andre (inventor); S A des Etablissements a Olier (grantee). Issued 10-6-36.
2,056,772. Fishing net. Dahl Oscar (inventor). Issued 10-6-36.
2,057,031. Ticket printing device. Joyaux Charles Daniel (inventor). Issued 10-13-36.
2,057,248. Tank for petroleum or other liquids. Peyrouze Jean (inventor). Issued 10-13-36.
2,057,304. Apparatus for regularizing the exhaust of explosion motors. Saint Jacques Eugene Camille (inventor). Issued 10-13-36.
2,057,323. Production of artificial silk. Borzykowski Benno (inventor). Issued 10-13-36.
2,057,390. Protecting socket for spark plugs. Metailler Rene Louis (inventor). Issued 10-13-36.
2,057,736. Universal transmission joint. Parville Maurice (inventor); Soc la Precision Moderne (grantee). Issued 10-20-36.
2,057,758. Piston. Bernard Auguste Louis Rene Dec (inventor); Bernard Renee nee Bournonville Excr (grantee). Issued 10-20-36.
2,057,902. Relay. Moreau Henri (inventor). Issued 10-20-36.
2,057,942. Toy construction unit. Fay Marc Aurele Alfred (inventor). Issued 10-20-36.
2,057,995. Lifeboat launching device. Badovici Jean (inventor). Issued 10-20-36.
2,058,022. Heat exchanger. Lebre Albert Francois (inventor). Issued 10-20-36.

2,058,060. Braking device. Charles Maurice (inventor). Issued 10-20-36.
2,058,185. System for absorbing the vibrations produced by a machine. Simon Lucien (inventor); Soc d Exploitation des Brevets Lucien Simon Amortisseurs Sanchok S A (grantees). Issued 10-20-36.
2,058,325. Apparatus for the automatic emptying of receptacles. Labbe Henri Eugene Leon (inventor). Issued 10-20-36.
2,058,415. Continuous printing machine for cinematographic films. Chretien Henri (inventor). Issued 10-27-36.
2,058,505. Internal combustion engine. Reno Emile (inventor). Issued 10-27-36.
2,058,671. Automatic multicolor printing machine. Dubuit Louis Gilbert (inventor). Issued 10-27-36.
2,058,697. Static polarization of alternating current apparatus. Le Goof Lucien Joseph Armand (inventor); Soc d Electricite Mors (grantee). Issued 10-27-36.
2,058,777. Multiple printing machine for cinematographic films. Debrie Andre Leon Victor Clement (inventor). Issued 10-27-36.
2,058,815. Apparatus for threading tobacco leaves. Muller Paul (inventor). Issued 10-27-36.
2,058,822. Automatic igniter for grenades. Petter Charles Gabriel (inventor); Soc Alsacienne d Explosifs Soc a Responsabilite Limitee a Richwiller (grantee). Issued 10-27-36.
2,058,831. Carburetor. Sanctorum Charles (inventor); Soc SPHINX (grantee). Issued 10-27-36.
2,058,848. Lap forming apparatus. Weinbrenner Jules (inventor). Issued 10-27-36.
2,059,396. Dentifrice product. Ripert Jean (inventor); Thibaud Gibbs and Cie (grantee). Issued 11-3-36.
2,059,434. Elastic suspension device for vehicles. Broulhiet Georges (inventor). Issued 11-3-36.
2,059,547. Means for driving the counting mechanism of gas meters. Brandl Hans (inventor); Cie Pour la Fabrication des Compteurs et Material d Usines a Gaz (grantee). Issued 11-3-36.
2,059,633. Apparatus for producing plans of ground exclusively by photographic means. Ferber Robert (inventor); Soc l Aerotopographie (grantee). Issued 11-3-36.
2,059,726. Weft feeder for weaving looms with continuous weft feeding. Dewas Raymond (inventor). Issued 11-3-36.
2,059,934. Process of treating organic esters of cellulose. Dobry Alma (inventor); Cie de Produits Chimiques et Electrometallurgiques Alais Froges et Camargue (grantee). Issued 11-3-36.
2,060,181. Alkali metal salts of antimonio thiomalic acid. Delepine Marcel et al, Gailliot Paul (inventors); Soc des Usines Chimiques Rhone Poulenc (grantee). Issued 11-10-36.
2,060,183. Process for desiccation of gases contained in nitrous fumes. Des Ylouses Gaston Lefort (inventor); L Azote Francais (grantee). Issued 11-10-36.
2,060,279. Self acting connecting device for the starting of motors. Cibie Pierre (inventor). Issued 11-10-36.
2,060,282. Electric circuit breaker with compressed gas blow out. Clerc Andre (inventor); Ateliers de Constructions Electriques de Delle (grantee). Issued 11-10-36.
2,060,531. Clock provided with a transparent dial and an invisible mechanism. Rodanet Charles Hilaire Henri (inventor); S A Etablissements Ed Jaeger (grantee). Issued 11-10-36.
2,060,558. Disk differential gear. De Lavaud Dimitri Sensaud (inventor). Issued 11-10-36.
2,061,128. Separation of ammonium salts from their mixtures with other salts. Andres Louis (inventor); Soc d Etudes Pour la Fabrication et l Emploi des Engrais Chimiques (grantee). Issued 11-17-36.
2,061,140. Manufacture of cement. Coiffu Pierre (inventor); Soc des Ciments Francais et des Portland de Boulogne Sur Mer et Compagnie des Portland de Desvres. (grantee). Issued 11-17-36.
2,061,146. Furnace for electrolytic purposes. Ferrand Louis (inventor). Issued 11-17-36.
2,061,343. Liquid purifier. Bichler Charles Henri, et al., Eyssartier Georges (inventors). Issued 11-17-36.
2,061,552. Developing machine. Debrie Andre Leon Victor Clement (inventor). Issued 11-24-36.
2,061,623. Folding vehicle. Guy Jean Emile (inventor). Issued 11-24-36.
2,062,212. Ammunition supplying device. Daum Leon (inventor); Cie des Forges et Acieries de la Marine et D. Homecourt, Schneider & Cie (grantees). Issued 11-24-36.
2,062,213. Dispensing system for lubricants and the like. Dieny Alfred Emile (inventor). Issued 11-24-36.
2,062,506. Carbureting device. Djordjevitch Yesdimir (inventor). Issued 12-1-36.
2,062,529. Vibratory screen. Sahut Jean (inventor). Issued 12-1-36.
2,062,709. Elevator for liquor for feeding fuel to automobile engines. Guichard Louis (inventor). Issued 12-1-36.
2,062,801. Removable guiding device for automobile vehicles running on rails. Talon Augustin (inventor); S. A. des Pneumatiques Dunlop (grantee). Issued 12-1-36.
2,062,810. Speed governing device applicable to electric traction. Gratzmuller Louis Rene Eugene (inventor). Issued 12-1-36.
2,062,983. Suspension bridge. Baticle Louis Urbain Edgar Antonin (inventor). Issued 12-1-36.
2,062,984. Suspension bridge. Baticle Louis Urbain Edgar Antonin (inventor). Issued 12-1-36.
2,062,985. Suspension bridge. Baticle Louis Urbain Edgar Antonin (inventor). Issued 12-1-36.
2,063,194. Rotary pump and compressor. Roy Paul Mary Ferdinand Maurice (inventor). Issued 12-8-36.
2,063,223. Alcoholic fermentation of sugar containing liquids. Boinot Firmin (inventor). Issued 12-8-36.
2,063,226. Transfer material such as carbon paper. Braunstein Roger (inventor); S. A. des Anciens Etablissements, Barunstein Freres (grantees). Issued 12-8-36.
2,063,228. Apparatus for the delivery of liquids. Charmat Robert (inventor); Charmat Eugene (grantee). Issued 12-8-36.
2,063,251. Starting device. Hertz Stanislas, et al., Berger Maurice Pierre (inventors). Issued 12-8-36.
2,063,536. Apparatus for simulating artillery firing. Baranoff Andre Valentin (inventor). Issued 12-8-36.
2,063,558. Retaining wall. Ravier Sylvain Louis (inventor). Issued 12-8-36.
2,063,886. Waist band. Alexandre Paul (inventor). Issued 12-15-36.
2,064,145. Polychromatic photograph & cinematograph method. Bonneau Paul Edmond (inventor); Chausson Gaston (grantee). Issued 12-15-36.
2,064,293. Engine valve gear. Cossart Leon Rene Camille (inventor). Issued 12-15-36.
2,064,296. Upwardly swelling fishing net. Dahl Oscar, et al., Black William Forsyth (inventors). Issued 12-15-36.
2,065,009. Sanitary appliance. Mallet Charles (inventor); Etablissements Jacob Delafon Cie Ceramique de Pouilly Sur Saone et Belvoye (grantees). Issued 12-22-36.
2,065,057. Light control strip for cinematographic printing machines. Debrie Andre Leon Victor Clement (inventor). Issued 12-22-36.
2,065,062. Valve for high speed compressors. Dugelay Paul (inventor); Soc D Exploitation de Brevets Pour, L Industrie L Aviation et, L Automobile Sebia (grantees). Issued 12-22-36.
2,065,164. Nondazzling projector. Wetzel Joseph (inventor). Issued 12-22-36.
2,065,273 Recoil absorbing device for firearms. Galliot Norbert (inventor). Issued 12-22-36.
2,065,419. Internal combustion engine fed with heavy fuels. Bagnulo Albert (inventor). Issued 12-22-36.
2,065,432. Brake for automobiles. Delay Eugene (inventor). Issued 12-22-36.
2,065,648. Controlling device for rotating shafts. Rime Bruneau Paul (inventor); Soc D Exploitation des Procedes Dabeg (grantees). Issued 12-29-36.
2,065,777. Automatic obturator with variable opening for cine picture taking apparatus. Weissbrodt Jean (inventor). Issued 12-29-36.
2,065,959. Advertising apparatus. Baumi Jacques Marcel (inventor); Zouckermann Armand (grantee). Issued 12-29-36.
2,066,345. Automatic temperature regulator. Greby Jules Ernest Michel (inventor) Issued 1-5-37.
2,066,452. Method and apparatus for lubricating. Bernard Auguste Louis Rene (inventor); Soc. Fusion Moteurs (grantee). Issued 1-5-37.
2,066,513. Remote control and signaling system for railway installations. Becq Andre, et al., Nicolas Paul (inventors); Soc. Francaise Radio Electrique (grantee). Issued 1-5-37.
2,066,661. Cooling of heat engines. Vuilierme Marcel (inventor). Issued 1-5-37.
2,066,964. Process of making tile structures. Desagnat Gaston (inventor). Issued 1-5-37.
2,067,262. Device for measuring pressure variations. Demontvignier Marcel, et al., Labarthe Andre (inventors). Issued 1-12-37.
2,067,373. Process for the manufacture of iron or steel and Portland cement in a rotary furnace. Basset Lucien Paul (inventor). Issued 1-12-37.
2,067,379. Brassiere composed of two independent pockets. Cristofanetti Lucia (inventor). Issued 1-12-37.
2,067,583. Device for feeding coal furnaces. Stark Virgile (inventor). Issued 1-12-37.
2,067,787. Infusion apparatus. Pouget Louis Marcel (inventor). Issued 1-12-37.
2,067,823. Furnace with helical hearth. Fiajoliet Bracq Paul (inventor). Issued 1-12-37.
2,068,209. Apparatus for obtaining films for cinematographic projection in colors. Valentin Auguste et al, Bassani Laurent (inventors). Issued 1-19-37.
2,068,655. Railway signaling system. Chireix Henri, et al., Nicolas Paul (inventors); Soc. Francaise Radio Electrique (grantee). Issued 1-26-37.
2,068,820. Electrical device for the absorption of mechanical energy. Sarazin Raoul, et al., Lagache Andre (inventors). Issued 1-26-37.
2,069,014. Lady's corselet and like underwear. Molyneux Steel Winefryde Margaret Anna (inventor). Issued 1-26-27.
2,069,136. Apparatus for recording and reproducing sounds. Durand Louis Paul et al, Ricchiardi Pier Carlo (inventors). Issued 1-26-37.
2,069,261. Feeding device and method. Monnet Georges (inventor); S A des Manufactures des Glaces & Produits Chimiques de Saint Gobain Chauny & Cirey (grantee). Issued 2-2-37.
2,069,421. Apparatus for the distillation of solid carbonizable fuel. Salerni Edoardo Michele (inventor); Soc d Etudes et de Valorisation Industrielle des Combustibles, Soc a Responsabilite Limitee (grantees). Issued 2-2-37.

2,069,461. Diazoarmino compounds and process for their production. Petitcolas Pierre (inventor); Cie Nationale de Matieres Colorantes et Manufactures de Produits Chimiques du Nord Reunies Etablissements Kuhlmann (grantee). Issued 2-2-37.

2,069,468. Suspension for luminescent tubes. Abadie Jean Baptiste Joseph Marcel (inventor). Issued 2-2-37.

2,069,584. Furnace for the incineration of household refuse. Lorton Pierre (inventor). Issued 2-2-37.

2,069,598. Setting device for a precious stone or the like. Arpels Salomon Dit Charles (inventor); Soc Van Cleef & Arpels (grantee). Issued 2-2-37.

2,069,677. Liquid meter for reduced flows and low heads. Ollagnon Paul (inventor). Issued 2-2-37.

2,069,680. Brake. Piganeau Gerard Pierre (inventor). Issued 2-2-37.

2,069,705. Process of manufacture of metallic glucinum and its alloys. Gadeau Robert Andre (inventor); Cie de Produits Chimiques et Electrometallurgiques Olais Froges et Camargue (grantee). Issued 2-2-37.

2,070,137. Masher. Mantelet Jean (inventor); Mantelet and Boucher Soc en Nom Collectif (grantee). Issued 2-9-37.

2,070,163. 3 6 diamino 10 methyl acridinium methane sulphonate. Gailliot Paul Louis (inventor); Soc des Usines Chimiques Rhone Poulenc (grantee). Issued 2-9-37.

2,070,232. Pocket lighter. Lenfant Louis (inventor); Cartier S A (grantee). Issued 2-9-37.

2,070,341. Drive mechanism for motor vehicles. Saives Leon (inventor); Renault Louis (grantee). Issued 2-9-37.

2,070,394. Machine for the manufacture of sheet paper blocks. Danger Etienne (inventor); S A Usines Decoufle (grantee). Issued 2-9-37.

2,070,449. Embroidery and hemstitching machine. Ollendorff Jacques (inventor); Anciens Etablissements R Cornely and Cie S A (grantee). Issued 2-9-37.

2,070,475. Spark gap apparatus. Dufour Rene (inventor). Issued 2-9-37.

2,070,510. Mechanical amplifying and reducing speed transformer. Claude Andre et al, Manet William (inventors); Soc a Georges Claude Manet et Cie (grantee). Issued 2-9-37.

2,070,565. Air cooled engine. Dintilhac Jean Georges (inventor); Soc Yacco S A F (grantee). Issued 2-16-37.

2,070,702. Road or railway vehicle. Willeme Louis (inventor); S A Etablissements Willeme (grantee). Issued 2-16-37.

2,070,752. Freewheel device for eliminating the reaction effects of a differential gear. Roes Georges (inventor). Issued 2-16-37.

2,070,774. Method of reception of electric signaling impulses. Barthelemy Rene (inventor); Cie Pour la Fabrication des Compteurs et Materiel d'Usines a Gaz (grantee). Issued 2-16-37.

2,070,824. Electric calculating machine. Boutet Rene Edmond (inventor). Issued 2-16-37.

2,071,020. Pneumatic recocking device for machine guns. Boussel Lucien Albert (inventor); S A des Anciens Etablissements Hotchkiss & Cie (grantee). Issued 2-16-37.

2,071,140. Automatic printing telegraph. Penot Robert Emile Marie (inventor). Issued 2-16-37.

2,071,435. Combined flame baffle and indicator for fusible cut outs. Saudicoeur Louis Joseph (inventor); Ateliers de Constructions Electriques de Delle (grantee). Issued 2-23-37.

2,071,610. Wrapping device. Braude Simon (inventor). Issued 2-23-37.

2,071,689. Distant transmission of angular movements. Granat Elie (inventor); Cie des Forges et Acieries de la Marine et d Homecourt (grantee). Issued 2-23-37.

2,071,782. Cinematographic projector employing combined sound and picture films. Debrie Andre Leon Victor Clement (inventor). Issued 2-23-37.

2,071,878. Cinematographic apparatus. Huc Marcel Remy (inventor). Issued 2-23-37.

2,072,158. Weft inserting apparatus for looms with fixed weft bobbins. Dewas Raymond (inventor). Issued 3-2-37.

2,072,159. Weaving loom for continuous weaving in which the weft is inserted by means of pirnless shuttles. Dewas Raymond (inventor). Issued 3-2-37.

2,072,160. Weaving loom for continuous weaving in which the weft is inserted by means of pirnless shuttles. Dewas Raymond (inventor). Issued 3-2-37.

2,072,161. Thread carrying apparatus for weaving looms and the like. Dewas Raymond (inventor). Issued 3-2-37.

2,072,196. Aerial propeller. Berger Emile Claude (inventor). Issued 3-2-37.

2,072,281. Mixing and atomizing apparatus for hydrocarbons and other fluid materials. Simonin Raymond Felix (inventor); Soc d Etudes des Procedes Simonin (grantee). Issued 3-2-37.

2,072,299. Airplane having a variable lifting surface. Gerin Jacques (inventor). Issued 3-2-37.

2,072,404. Mercury vapor rectifier. Leroy Louis (inventor); Forges & Ateliers de Constructions Electriques de Jeumont S A (grantee). Issued 3-2-37.

2,072,482. Compressor or pump. Myard Francis Emile (inventor); S A Cie des Machines Pneumatiques Rotatives (grantee). Issued 3-2-37.

2,072,497. Apparatus for electrically vulcanizing india rubber pieces. Dupont Roland Albert Ernest (inventor). Issued 3-2-37.

2,072,615. Valve. Bugatti Jean (inventor). Issued 3-2-37.

2,072,718. Automatic discharge device for roasters. Munsch Pierre (inventor). Issued 3-2-37.

2,072,735. Load handling apparatus. Dudouit Henri (inventor). Issued 3-2-37.

2,072,845. Apparatus for spraying pulverized materials. Benoit Francois Philippe Charles (inventor). Issued 3-9-37.

2,073,018. Process for the treatment of light metals and their alloys. Lepp Henry (inventor); Cie Generale D Electro Metallurgie (grantee). Issued 3-9-37.

2,073,019. Process for the purification of metals and metallic alloys. Lepp Henry (inventor); Cie Generale D Electro Metallurgie, Soc D Electro Chimie D Electrometallurgie et des Acieries Electriques D Ugine (grantees). Issued 3-9-37.

2,073,020. Method of improving the physical and mechanical properties of alloys. Lepp Henry (inventor); Cie Generale D Electro Metallurgie Soc D Electro Chimie D Electrometallurgie et des Acieries Electriques D Ugine (grantees). Issued 3-9-37.

2,073,203. Directional stabilizing apparatus for aerial or marine craft. Fieux Jean (inventor); Schneider & Cie (grantee). Issued 3-9-37.

2,073,275. Clock with automatic calendar. Elberg Boris (inventor). Issued 3-9-37.

2,073,288. Method and arrangement for the operation of internal combustion engines. Serruys Max Yves Antonin (inventor). Issued 3-9-37.

2,073,294. Hose clamp. Caillau Marcel Urbain (inventor). Issued 3-9-37.

2,073,414. Process for manufacturing colored cellulose ester material. Dosne Henry (inventor). Issued 3-9-37.

2,073,419. Resilient joint. Houdaille Maurice et al, Lecler Charles (inventors). Issued 3-9-37.

2,073,425. Musical instrument. Leblanc Leon (inventor). Issued 3-9-37.

2,073,520. Separator. Saint Jacques Eugene Camille (inventor). Issued 3-9-37.

2,073,609. Wad for fowling pieces. Court Marie Rose (inventor). Issued 3-16-37.

2,073,610. Controlling flume. Danel Pierre Francois (inventor); Ateliers Neyret Beylier Piccard Pictet (grantees). Issued 3-16-37.

2,073,976. Device for the mounting of engines. Renaux Eugene Prosper et al, Renaux Lucien Jules (inventors). Issued 3-16-37.

2,073,977. Manufacture of copper sulphate. Serciron Marcel (inventor). Issued 3-16-37.

2,074,201. Airfoil used in aeronautics. Bechereau Louis (inventor); Soc Avions Kellner Bechereau (grantee). Issued 3-16-37.

2,074,272. Hose supporter. Pugniet Paul (inventor). Issued 3-16-37.

2,074,374. Apparatus for intestinal irrigations. Suarez de Mendoza Fernand Francois Dominique (inventor). Issued 3-23-37.

2,074,452. Heating element for drying apparatus. Bergmann Auguste (inventor). Issued 3-23-37.

2,074,634. Tubular heating device for gynecological purposes. Ackermann Henri (inventor). Issued 3-23-37.

2,074,779. Expansible nut unable to work loose. De Launay Maurice Bourdon (inventor). Issued 3-23-37.

2,074,794. Sieve. Mantelet Jean (inventor); Mantelet & Boucher Soc en Nom Collectif (grantees). Issued 3-23-37.

2,074,795. Mill for pepper, salt, sugar, coffee and the like. Mantelet Jean (inventor); Mantelet & Boucher Soc en Nom Collectif (grantees). Issued 3-23-37.

2,074,894. Radio phono telephonic system. Duran Louis Paul (inventor). Issued 3-23-37.

2,075,086. Machine provided with an automatic firearm. Birkigt Marc (inventor). Issued 3-30-37.

2,075,087. Airplane provided with an automatic firearm. Birkigt Marc (inventor). Issued 3-30-37.

2,075,133. Apparatus for producing a compressed & heated gas. Pescara Raul Pateras (inventor). Issued 3-30-37.

2,075,231. Internal combustion engine. Schimanek Emil (inventor); Soc du Carburateur Stratos (grantee). Issued 3-30-37.

2,075,346. Receptacle for closure by sealing cap. Landau Robert (inventor). Issued 3-30-37.

2,075,634. Automatic telephone apparatus. Boye Alfred (inventor). Issued 3-30-37.

2,075,789. Manufacture of blocks with predetermined number of sheets. Chambon Henri (inventor); S A des Anciens Etablissements L Chambon (grantees). Issued 4-6-37.

2,076,080. Process for recovering zirconium oxide. George Henri et al, Lambert Roger (inventors); S A des Manufactures des Glaces & Produits Chimiques de Saint Gobain Chauny & Cirey (grantees). Issued 4-6-37.

2,076,115. Comb regulator for electric machines. Benit Henri (inventor); L Eclairage des Vehicules sur Rail (grantee). Issued 4-6-37.

2,076,126. Process and apparatus for the extraction of products in solution by means of solvents. Guinot Henri Martin (inventor). Issued 4-6-37.

2,076,238. Method of charging the electric accumulators of lead having slight local actions. Jumau Lucien Jules (inventor); Cie Generale D Electricite (grantee). Issued 4-6-37.

2,076,279. Liquid oxygen explosive. Sauvage Henri (inventor); L Air Liquide S A Pour L Etude & L Exploitation des Procedes Georges Claude (grantees). Issued 4-6-37.

2,076,337. Apparatus for fixing caps on bottles. Gauthier Paul Marie Adrien (inventor). Issued 4-6-37.

2,076,350. Elastic fabric with one or more inextensible zones. Roques Louis (inventor); Roques Louis, Arrachequesne Georges (grantees). Issued 4-6-37.

2,076,724. Electroacoustic sounding apparatus. Jacquet Gaetan Gilbert et al, Badin Raoul Edouard (inventors). Issued 4-13-37.

2,076,879. Radial field relay. Carton Jean (inventor). Issued 4-13-37.

2,076,883. Method of producing a lime brick. Ernould Jules (inventor); Soc des Hauts Fourneaux de la Chiers (grantee). Issued 4-13-37.

2,076,884. Method of producing a dolomite brick. Ernould Jules (inventor); Soc des Hauts Fourneaux de la Chiers (grantee). Issued 4-13-37.

2,076,899. Disintegrating paper making material. Lamort Marcel (inventor); Lamort E et M Fils (grantee). Issued 4-13-37.

2,077,322. Process for the manufacture of azo dyestuffs for esters of cellulose and azo dyestuffs obtained therefrom. Hatt Daniel (inventor); Cie Nationale de Matieres Colorantes et Manufactures de Produits Chimiques du Nord Reunies Etablissements Kuhlmann (grantees). Issued 4-13-37.

2,077,525. Pneumatic safety device for thread working machines. Mennesson Marcel Louis (inventor); S A Solex (grantee). Issued 4-20-37.

2,077,526. System for resiliently connecting floats to seaplane bays. Messier George Louis Rene Jean, deceased (inventor); Messier Yvonne Lucie Born Bonnamy, administratrix (grantee). Issued 4-20-37.

2,077,775 Method for the automatic control of the power output of aircraft engines. Schimanek Emil (inventor); Soc du Carburateur Stratos (grantee). Issued 4-20-37.

2,077,824. Cylinder head. Darche Albert Alexandre Augustin (inventor). Issued 4-20-37.

2,077,950. Building construction. Mopin Eugene Germain Paul (inventor). Issued 4-20-37.

2,078,001. Railroad signaling system. Joly Elisee Auguste (inventor); Cie du Chemin de Fer Metropolitain de Paris (grantee). Issued 4-20-37.

2,078,019. Aircraft. Rabatel Henri Augustin (inventor). Issued 4-20-37.

2,078,143. Regenerative electric cell. Jumau Lucien Jules (inventor); Cie Generale d Electricite (grantee). Issued 4-20-37.

2,078,157. Motor compressor with free pistons Pescara Raul Pateras (inventor). Issued 4-20-37.

2,078,355. Lap forming apparatus. Weinbrenner Jules (inventor). Issued 4-27-37.

2,078,541. Process for tempering glass. Monnier Robert (inventor); Soc Assurex le Roi des Verres de Securite Magnien Monnier et Cie Petit Leon Alfred Edouard (grantees). Issued 4-27-37.

2,078,615. Device for adjusting pressure relief devices. Simon Lucien (inventor); Soc d Exploitation des Brevets Lucien Simon Amortisseurs Sanchok S A. Issued 4-27-37.

2,078,835. Resilient wall. Brisson Louis Charles (inventor); S A Soc des Freins Hydrauliques S de Lavaud (grantee). Issued 4-27-37.

2,078,861. Manufacture of azo dyestuffs. Lantz Robert (inventor); S A des Matieres Colorantes & Produits Chimiques de Saint Denis (grantee). Issued 4-27-37.

2,078,983. Process & Apparatus for mixing & Emulsifying liquids. Thiberge Paul Louis Armand (inventor). Issued 5-4-37.

2,078,993. Watertight portable thermometer. Barbier Emile (inventor). Issued 5-4-37.

2,079,027. Apparatus for dispensing liquid hydrocarbons. Myon Daniel (inventor); Soc d Etude de Distributeurs Automatiques S E D A (grantee). Issued 5-4-37.

2,079,042. Machine for the electric welding of the side members of vehicle frames. Saives Leon (inventor); Renault Louis (grantee). Issued 5-4-37.

2,079,178 Igniter for grenades. Mortreux Andre Valere Adrien (inventor); Soc Alsacienne d Explosifs Soc a Responsabilite Limitee a Richwiller (grantees). Issued 5-4-37.

2,079,226. Means adapted to reduce the torsional oscillations of crankshafts. Sarazin Raoul Roland Raymond (inventor). Issued 5-4-37.

2,079,789. Treatment of aqueous solutions of acetic acid. Charles Ernest Andre (inventor); Soc Des Produits Chimiques de Clamecy, Etablissements Lambiotte Freres (grantees). Issued 5-11-37.

2,079,972. Apparatus for manufacturing phonographic disks. St Hilaire Albert Barbier (inventor); Soc des Vernis Pyrolac S A R L (grantee). Issued 5-11-37.

2,080,074. Piece of reenforced concrete. Freyssinet Eugene et al, Seailles Jean (inventors). Issued 5-11-37.

2,080,081. Multiplex radio communication. Loth William Arthur et al, Givelet Armand Joseph (inventors). Issued 5-11-37.

2,080,082. Commutating balanced multiplex telephony. Loth William Arthur et al, Givelet Joseph Armand (inventors). Issued 5-11-37.

2,080,083. Manufacture of hardened or tempered glass plates. Magnien Raymond (inventor); Soc Assurex le Roi des Verres de Securite Magnien Monnier & Cie Petit Leon Alfred Edouard (grantees). Issued 5-11-37.

2,080,180. Device ensuring rational suspension of railroad vehicles. Messier George Louis Rene Jean, deceased (inventor); Messier Yvonne Lucie born Bonnamy, administratrix (grantee). Issued 5-11-37.

2,080,186. Latitude and longitude meter for ships. Reymond Henry Claude (inventor). Issued 5-11-37.

2,080,194. Apparatus and process for the continuous distillation rectification of musts containing acetone ethyl alcohol and butyl alcohol. Barbet Emile Augustin (inventor). Issued 5-11-37.

2,080,463. Machine for the continuous projection printing of moving picture films. Dalotel Maurice Albert (inventor). Issued 5-18-37.

2,081,135. Radio receiver. Devienne Emile (inventor). Issued 5-25-37.

2,081,253. Distributing device. Serre Paul (inventor). Issued 5-25-37.

2,081,381. Aerial navigation apparatus. Oehmichen Etienne Edmond (inventor). Issued 5-25-37.

2,081,416. Device for preventing ballooning in spinning. Vicq Jean Charles Albert (inventor); S A Francaise du Ferodo (grantee). Issued 5-25-37.

2,081,476. Ceramic furnace. Dusseris Etienne Jean (inventor). Issued 5-25-37.

2,081,509. General container and closure and toothed article therefor. Simsinovici Martin (inventor). Issued 5-25-37.

2,081,679. Self releasing clutch. Roux Charles et al, Clemencet Louis Eugene (inventors). Issued 5-25-37.

2,081,772. Method and device for the electrical purification of gases. Saint Jacques Eugene Camille (inventor). Issued 5-25-37.

2,081,934. Cinnamic preparations for therapeutic uses. Jacobson Jacob (inventor). Issued 6-1-37.

2,082,116. Construction adapted to cover large surfaces. Mopin Eugene Germain Paul (inventor). Issued 6-1-37.

2,082,151. Cushion particularly for seats and back supports of vehicles. De Poix Felix Marie Joseph Tyrel (inventor); Soc H and F de Poix and Cie (grantee). Issued 6-1-37.

2,082,172. Aeroplane. Mignet Henri (inventor). Issued 6-1-37.

2,082,468. Means for preventing or stopping stomach sickness especially sea sickness. Pupier Andre (inventor). Issued 6-1-37.

2,082,598. Airplane landing gear. Saulnier Raymond (inventor). Issued 6-1-37.

2,083,045. Locking device for nuts. Vaurs Baptiste (inventor); Soc de Boulonnerie et de Matricage de Precision (grantee). Issued 6-8-37.

2,083,113. Carton for shipping and storing boxes bottles etc. Bergaud Felicie Eugenie Amelie Wanpouille (inventor). Issued 6-8-37.

2,083,116. Fancy tile fixing means. Burgel Joseph (inventor). Issued 6-8-37.

2,083,167. Turbo pump unit for extinguishing fires. Lamere Andre (inventor); Soc De Moteurs a Gaz Et D Industrie Mecanique (grantee). Issued 6-8-37.

2,083,195. System for the transmission of signals to railroad vehicles. Le Goff Lucien Joseph Armand (inventor); Soc D Electricite Mors (grantee). Issued 6-8-37.

2,083,253. Method for refining hydrocarbons. Budowski Issar (inventor). Issued 6-8-37.

2,083,880. Bracelet. Tourot Emma Elisa (inventor). Issued 6-15-37.

2,083,962. Process for the manufacture of amino and nitro derivatives. Petitcolas Pierre (inventor); Cie Nationale De Matieres Colorantes Et Manufactures De Produits Chimiques Du Nord Reunies Etablissements Kuhlmann (grantee). Issued 6-15-37.

2,084,063. Metal seal for connecting the ends of a metal band binding a package. Rebichon Andre et al, Sicard Seraphin (inventors). Issued 6-15-37.

2,084,218. Delay action fuse for projectiles and the like. Remondy Leon Emile (inventor). Issued 6-15-37.

2,084,522. Clutching and speed changing gear. Cotal Jean (inventor). Issued 6-22-37.

2,084,526. Luminous plastic substance and its method of manufacture. Grenier Joseph Pierre (inventor); Soc Francaise Helita (grantee). Issued 6-22-37.

2,084,527. Dynamo and dynamo installation. Guilbert Andre Vincent Ernest Cyrille (inventor). Issued 6-22-37.

2,084,656. Self loading refuse vehicle. Rottee Pierre (inventor); Geneve Fernand (grantee). Issued 6-22-37.

2,084,682. Apparatus for incorporating to a stream of fluid under pressure other fluid or powdered bodies. Guenot Maurice Pierre Joseph (inventor). Issued 6-22-37.

2,084,691. Process of and apparatus for performing thermal conversions. Lebre Albert Francois (inventor). Issued 6-22-37.

2,084,698. Connecting device. Mollet Leon (inventor); S A Des Usines Chausson (grantee). Issued 6-22-37.

2,084,720. Garment waist band. Alexandre Paul (inventor). Issued 6-22-37.

2,084,822. Auto Compressor. Pescara Raul Pateras (inventor). Issued 6-22-37.

2,084,823. Motor compressor. Pescara Raul Pateras (inventor). Issued 6-22-37.

2,084,936. Electric circuit breaker. Bresson Charles (inventor); Ateliers De Constructions Electriques De Delle (grantee). Issued 6-22-37.

2,085,115. Gear mechanism. Moineau Rene Joseph Louis (inventor). Issued 6-29-37.

2,085,269. Alkali primary cell with depolarization by air. Oppenheim Rene (inventor); S A Le Carbone (grantee). Issued 6-29-37.

2,085,329. Device for the loading and unloading of wheeled loads on railway cars. Porte Antoine Paul Rene (inventor); Soc Pour L Union Des Transports Ferroviaires Et Routiers (grantee). Issued 6-29-37.

2,085,448. Wireless receiving set. Ponsot Theophile Elphege et al, Bataille Roger, Kirsch Georges (inventors). Issued 6-29-37.

2,085,475. Seat for automobiles. Saives Leon (inventor); Renault Louis (grantee). Issued 6-29-37.

2,085,483. Aircraft propelling device. Trebucien Jean Jacques (inventor). Issued 6-29-37.

2,085,496. Label holder applicable to documents. Guichard Raymond Arthur Eugene (inventor). Issued 6-29-37.

2,085,507. Automatic loom for the manufacture of knot stitch carpets. Monier Jules (inventor); S A De Fabrication De Tapis A Points Noues Saftan (grantee). Issued 6-29-37.

2,085,575. Transporting and guiding means. Desbordes Louis et al, Bertrand Pierre (inventor); S A Des Manufactures Des Glaces et Produits Chimiques De Saint Gobain Chauny and Cirey (grantees). Issued 6-29-37.

2,085,598. Electric cells connected in a battery. Oppenheim Rene (inventor); S A Le Carbone (grantee). Issued 6-29-37.

2,085,822. Cosmetic containing case. Mortier Rene (inventor); Soc A Responsabilite Ltee G Rolot et Lemasson de Route De Dijon Et Beaune (grantees). Issued 7-6-37.

2,086,292. Carburetor. Chanard Marthe Louise (inventor). Issued 7-6-37.

2,086,293. Antiblinding goggles and analogous screens. Chevalier Jules Marcel (inventor). Issued 7-6-37.

2,086,308. Carding machine. Van Hille Pierre et al, Taine Roger (inventors); Ateliers Saint Eloi (grantee). Issued 7-6-37.

2,086,520. Device for cooling quick firing arms. Baumann Werner (inventor). Issued 7-13-37.

2,086,555. Two cycle internal combustion engine and method of operating the same. Jalbert Jean Henry et al, Heloir Georges (inventors). Issued 7-13-37.

2,086,824. Shock absorbing device. Simon Lucien et al, Marcon Rene (inventors); Soc D Exploitation Des Brevets Lucien Simon Amortisseurs Sanchok S A (grantee). Issued 7-13-37.

2,086,934. Art of electromechanical recording of sound and in the photoelectric reproduction of the latter from the inscriptions obtained. Bonneau Paul Edmond (inventor); S A La Recherche Industrielle Francaise (grantee). Issued 7-13-37.

2,086,978. Extensible electric cord. Hollenweger Hans Heinrich (inventor); Ungemuth Herman Arthur (grantee). Issued 7-13-37.

2,087,166. Gearing mechanism. Saives Leon (inventor); Renault Louis (grantee). Issued 7-13-37.

2,087,230. Method for regenerating phosphoric pickling bath. Bigeon Jean Adrien Marie (inventor); La Cie Nationale De Matieres Colorantes Et Manufactures De Produits Chimiques Du Nord Reunies Etablissements Kuhlmann (grantee). Issued 7-20-37.

2,087,426. Hydraulic shock absorber and similar apparatus. Bechereau Louis et al, Carrouee Rene (inventors). Issued 7-20-37.

2,087,534. Method and apparatus for determining the unbalance of rotating bodies. Couffignal Pierre Louis (inventor). Issued 7-20-37.

2,087,568. Combination lock. Destinay Laurent (inventor). Issued 7-20-37.

2,087,579. Braking device. Piganeau Gerard Pierre (inventor). Issued 7-20-37.

2,087,639. Plow. Demeulenaere Gedeon (inventor). Issued 7-20-37.

2,087,640. Molding for electric wires. Lefebvre du Prey Maurice Albert (inventor). Issued 7-20-37.

2,087,661. Sporting gun. Bretton Georges (inventor). Issued 7-20-37.

2,087,684. Hub. Alessi Grimaldi Antonino (inventor). Issued 7-20-37.

2,087,816. Hydraulic piston machine. Saussard Louis et al, Saussard Andre (inventors). Issued 7-20-37.

2,087,817. Universal joint. Saussard Louis (inventor). Issued 7-20-37.

2,087,885. Lever controlled system. Fleischel Gaston (inventor). Issued 7-27-37.

2,087,948. Relay generator or relay dynamo and its application to traction. Gratzmuller Louis Rene Eugene (inventor). Issued 7-27-37.

2,088,234. Acceleration pump for carburetors. Djordjevitch Yesdimir (inventor). Issued 7-27-37.

2,088,289. Voltage regulating apparatus for electric current generators. Cibie Pierre (inventor). Issued 7-27-37.

2,088,332. Movement converting device. Marchou Elie Raoul (inventor). Issued 7-27-37.

2,088,380. Muzzle recoil check for guns. Methlin Nicolas Emilien (inventor); Schneider et Cie (grantee). Issued 7-27-37.

2,088,540. Change speed device without breach of continuity. Telliez Raymond (inventor). Issued 7-27-37.

2,088,684. Processes for treating the secretions of plants. Bellini Delle Stelle Umberto Gualtiero (inventor). Issued 8-3-37.

2,088,899. Case for lip rouge. Chevreau Pierre (inventor); S A Grenoville (grantee). 8-3-37.

2,088,909. Gastight closure. Jaubert George Francois (inventor). Issued 8-3-37.

2,088,923. Internal combustion engine. Rafailoff Valerien (inventor). Issued 8-3-37.

2,089,022. Heating means. George Henri et al, Delpech Gaston (inventors); S A des Manufactures des Glaces and Produits Chimiques de Saint Gobain Chauny and Cirey (grantees). Issued 8-3-37.

2,089,101. Coatings for welding electrodes. Roux Albert (inventor); L Air Liquide S A Pour L Etude et L Exploitation des Procedes Georges Claude (grantees). Issued 8-3-37.

2,089,109. Pneumatic percussive tool. Brun Georges (inventor); Soc D Etudes et D Exploitation du Generateur A Piston Libre (grantees). Issued 8-3-37.

2,089,110. Railway or track vehicle. Bugatti Ettore (inventor). Issued 8-3-37.

2,089,118. Racket. Fritsch Charles (inventor). Issued 8-3-37.

2,089,140. Parachute. Tricau Marcelle (inventor). Issued 8-3-37.

2,089,530. Processes for the preparation of condensation products. Belloc Maurice (inventor); Soc Nobel Francaise S A (grantee). Issued 8-10-37.

2,089,547. Hose reel for fire extinguishing apparatus. Folliot Ernest (inventor). Issued 8-10-37.

2,089,875. Apparatus for the agglomeration of powders of solid combustibles. Bruyant Gaston Victor (inventor); Soc A Responsabilitie Limitee Dite Distillation A Basse Temperature et Auto Agglomeration Des Combustibles (grantee). Issued 8-10-37.

2,090,011. Musical instrument. Selmer Henri (inventor). Issued 8-17-37.

2,090,424. Asymmetrical free piston motor compressor. Pescara Raul Pateras (inventor. Issued 8-17-37.

2,090,489. Process for the manufacture of molded articles. Sommerfeld Arthur (inventor). Issued 8-17-37.

2,090,546. Process for the manufacture of velvet or pile articles. Motte Roger (inventor); S A Etablissements Motte Bossut Fils (grantee). Issued 8-17-37.

2,090,733. Pressure lubricating apparatus. Piquerez Emile (inventor). Issued 8-24-37.

2,090,734. Device for filling tanks with hydrocarbons. Piquerez Emile (inventor). Issued 8-24-37.

2,091,119. Heat exchanger. Saint Jacques Eugene Camille (inventor). Issued 8-24-37.

2,091,519. Refuse vehicle and the like. Noyer Louis (inventor). Soc Sovel Vehicules Electriques Industriels (grantee). Issued 8-31-37.

2,091,547. Internal combustion engine with fuel injection. Jalbert Jean Henry (inventor). Issued 8-31-37.

2,091,553. Sanitary appliances such as wash basins baths etc having hot and cold water supply taps. Mallet Charles (inventor); Etablissements Jacob Delafon Cie Ceramique De Pouilly Sur Saone et Belvoye (grantees). Issued 8-31-37.

2,091,611. Free and opposed piston motor compressor unit. Pescara Raul Pateras (inventor). Issued 8-31-37.

2,091,639. Process for the melting refining and casting of magnesium and its alloys. Jessup Alfred Claude (inventor); Soc De Produits Chemiques Des Terres Rares (grantee). Issued 8-31-37.

2,091,950. Process for the preparation of alloys containing boron. Andrieux Jean Lucien (inventor); Soc D Electrochimie D Electrometallurgie et Des Acieries Electriques D Ugine (grantee). Issued 9-7-37.

2,092,349. Cover for books, ledgers and similar articles. Fortier Anna Alphonsine (inventor.) Issued 9-7-37.

2,092,424. Device for operating the control surfaces of flying machines. Potez Henry Charles Alexandre (inventor). Issued 9-7-37.

2,092,446. Variable speed and automatically driven transmission. Fleischel Gaston (inventor). Issued 9-7-37.

2,092,447. Transmission control mechanism. Fleischel Gaston (inventor). Issued 9-7-37.

2,092,532. Extensible electric cord. Hollenweger Hans Heinrich (inventor); Ungemuth Herman Arthur (grantee). Issued 9-7-37.

2,092,825. Method of increasing viscosity of latex mixes. Behr Arthur (inventor). Issued 9-14-37.

2,092,957. Printing device applicable to weighing apparatus. Cuenoud Fernand (inventor). Issued 9-14-37.

2,093,174. Pressure fastening device of the continuous type. Podolsky Rubin (inventor). Issued 9-14-37.

2,093,403. Cable connecter and junction with conical contact. Sertillange Maurice Antoine (inventor). Issued 9-21-37.

2,093,469. Exhaust manifold for internal combustion engines. Saint Jacques Eugene Camille (inventor). Issued 9-21-37.

2,039,558. Hemsitching machine. Hirsch Claude (inventor). Anciens Etablissements R Cornely & Cie S A (grantee). Issued 9-21-37.

2,093,656. Manufacture of bodies containing metallic carbides. Fodor Gabriel et al, Garih Henri (inventors). Issued 9-21-37.

2,093,709. Fulling machine of the roller type. Casse Marcel (inventor). Issued 9-21-37.

2,093,812. Multiplex telegraphic and telephonic system. Loth William Athur et al, Givelet Joseph Armand (inventors). Issued 9-21-37.

2,093,836. Metallic structure. Guyon Yves (inventor). Issued 9-21-37.

2,093,846. Elastic suspension of engines. Paulsen Jean Felix et al, Strachovsky Nikita (inventors). Issued 9-21-37.

2,093,939. Electrical heater for cooking purposes. Strack Albert Friedrich (inventor). Issued 9-21-37.

2,094,149. Adjustable pitch propeller. Gaba Achille Ernest (inventor). Issued 9-28-37.

2,094,293. Thermal switch. Dupont Roland (inventor). Issued 9-28-37.

2,094,939. Process for the preparation of stable colloidal sulphur. Boulogne Edgar (inventor); Soc Industrielle Des Derives Du Soufre, Boulogne Edgar (grantees). Issued 10-5-37.

2,094,956. Construction of lead chambers for the manufacture of sulphuric acid. Moritz Rene (inventor). Issued 10-5-37.

2,095,110. Heel. Toursier Jean Francois Roger Paul (inventor). Issued 10-5-37.

2,095,136. Spherical plug cock. Jaussaud Robert Maurice (inventor). Issued 10-5-37.

2,095,148 Radiator composed of removable elements. Mical Camille (inventor). Issued 10-5-37.

2,095,169. Moistening device for the treatment of the hair. Colson Lucien et al, Colson Marcel (inventors). Issued 10-5-37.
2,095,493. Device for producing a suction. Bernard Auguste Louis Rene decd (inventor); Bernard Renee nee Bournonville excr (grantee). Issued 10-12-37.
2,095,574. Mining fuse. Roumazeilles Maurice et al, Harle Roger (inventors). Soc Dite Harle Freres and Co S A R L (grantee). Issued 10-12-37.
2,095,605. Reed for wind instruments. Leblanc Georges (inventor). Issued 10-12-37.
2,095,606. Automatic knitting machine for the manufacture of proportioned articles with or without seams. Lebocey Gaston (inventor). Issued 10-12-37.
2,095,639. Process for preparation of azo dyestuffs. Kienzle Paul Jean Andre (inventor); Cie Nationale De Matieres Colorantes et Manufacturers De Produits Chemiques Du Nord Reunies Etablissements Kuhlmann (grantee). Issued 10-12-37.
2,095,716. Measurement apparatus. Riberolles Rene (inventor). Issued 10-12-37.
2,095,864. Device for stabilizing and adjusting the tension of the suspension means of vehicles. Gaudefroy Emile (inventor). Issued 10-12-37.
2,095,919. Manufacture of cigarette paper blocks. Chambon Henri (inventor); S A De Anciens Etablissements L Chambon (grantee). Issued 10-12-37.
2,095,946. Apparatus for tempering rails. Blage Marcel (inventor); S A Des Hauts Fourneaux De La Chiers (grantee). Issued 10-12-37.
2,096,260. Device damping the disturbances propagated in fluid. Pavillon Andre Francois (inventor). Issued 10-19-37.
2,096,516. Regulator for compressed air brakes. Houplain Georges Emile (inventor). Issued 10-19-37.
2,096,637. Process for the manufacture of unsaturated aliphatic aldehydes. Guinot Henri Martin Emmanuel (inventor). Issued 10-19-37.
2,096,734. Process for concentrating and purifying acetic acid from pyroligneous products. Coutor Charles (inventor); Soc Etablissements Lambiotte Freres (grantee). Issued 10-26-37.
2,096,830. Air or gas compressor. Vendome Raoul (inventor); Franck Marcel (grantee). Issued 10-26-37.
2,096,999. Elastic coupling device. Sarazin Raoul Roland Raymond (inventor). Issued 10-26-27.
2,097,011. Automatic change speed device. Athimon Alfred (inventor). Issued 10-26-37.
2,097,073. Tempered glass article and method of manufacturing the same. Long Bernard (inventor); S A Des Manufactures Des Glaces and Produits Chimiques De Saint Gobain Chauny and Cirey (grantee). Issued 10-26-37.
2,097,077. Depolarizing electrode for electric batteries. Oppenheim Rene (inventor); S A Le Carbone (grantee). Issued 10-26-37.
2,097,164. Automatic railway signaling. Semond Roger Georges (inventor). Issued 10-26-37.
2,097,220. Mechanical self stopping device for pictures with an automatic re starter. Blum Raymond (inventor). Issued 10-26-37.
2,097,431. Stabilizing device for two stroke free piston engine. Brun Georges Jean Pierre Jules Joseph (inventor). Issued 11-2-37.
2,097,522. Means for simultaneously determining the volume the weight and the density of granular and other materials. Hanique Alfred (inventor). Issued 11-2-37.
2,097,962. Remote control for machine guns. Boussel Lucien Albert (inventor); S A Des Anciens Etablissements Hotchkiss & Cie (grantee). Issued 11-2-37.
2,097,992. Carding machine. Wallaert Andre (inventor). Issued 11-2-37.
2,098,002. Display lighting circuits. Guerin Marcel et al, Breton Paul (inventors). Issued 11-2-37.
2,098,012. Lock and more particularly door lock for automobiles. Papst Max (inventor). Issued 11-2-37.
2,098,363. Railroad signaling device based upon the spacing due to the speed. Tuot Raymond Arthur (inventor); Soc Auxiliare D Etudes Electrotechniques (grantee). Issued 11-9-37.
2,098,531. Stabilization of ships. Baze William Lawrence (inventor). Issued 11-9-37.
2,098,608. Apparatus for the purification of miscellaneous liquid mixtures. Berges Andre (inventor). Issued 11-9-37.
2,098,689. Apparatus for automatically recording unusual or accidental occurrences. Masson Emile (inventor). Issued 11-9-37.
2,098,877. Stabilizing device for aerial navigation machines. Oehmichen Etienne Edmond (inventor). Issued 11-9-37.
2,099,082. Process for the rolling of thin sheet metal. Saives Leon (inventor); Renault Louis (grantee). Issued 11-16-37.
2,099,265. Process for the manufacture of molded pieces from mortar or concrete. Freyssinet Eugene (inventor). Issued 11-16-37.
2,099,367. Method of compounding ceramic products. Lefranc Jacques Gustave Adolphe (inventor). Issued 11-16-37.
2,099,386. Motor starting device. Cibie Pierre (inventor). Issued 11-16-37.
2,099,693. Gridiron. Laffitte Jacques Paul Louis (inventor). Issued 11-23-37.
2,099,780. Apparatus for weaving terry fabric. Van De Casteele Marc (inventor). Issued 11-23-37.
2,099,853. Handbag. Konelsky Ernest (inventor). Issued 11-23-37.
2,099,867. Body of automobile vehicles. Saives Leon (inventor); Renault Louis (grantee). Issued 11-23-37.
2,099,965. Method of recording the work performed by welders. Sarazin Robert (inventor). Issued 11-23-37.
2,099,973. Life saving and swimming propelling device. De Corlieu Louis Marie (inventor). Issued 11-23-37.
2,100,038. Plug or cork for delivering doses. Schubenel Robert (inventor). Issued 11-23-37.
2,100,087. Photographic printing machine. Priou Pierre Auguste Marcellin (inventor). Issued 11-23-37.
2,100,148. Apparatus for producing images. Parker Claire (inventor). Issued 11-23-37.
2,100,182. Compressed fluid circuit breaker with multiple breaks. Clerc Andre (inventor); Ateliers De Constructions, Electriques De Delle (grantees). Issued 11-23-37.
2,100,673. Device for the combined control of the admission of air and of fuel in automatic heavy oil furnaces. Schwander Erwin Frederic (inventor); Soc D'Etudes Des Vehicules Sev (grantee). Issued 11-30-37.
2,100,689. Elastic suspension system. Dubonnet Andre (inventor). Issued 11-30-37.
2,101,076. Electric time indicator for sounding apparatus. Laboureur Louis Auguste et al, Marie Joseph, Dubois Raymond (inventors). Issued 12-7-37.
2,101,412. Free piston driving gas generator. Pescara Raul Pateras (inventor). Issued 12-7-37.
2,101,425. Braking device for rotating machine parts. Brisson Louis Charles (inventor); S A Soc Des Freins Hydrauliques De Lavaud (grantee). Issued 12-7-37.
2,101,618. Endless track for vehicles. Kegresse Adolphe (inventor). Issued 12-7-37.
2,102,036. Clutch control device. Saives Leon (inventor); Renault Louis (grantee). Issued 12-14-37.
2,102,113. Carburetor. Djordjevitch Yesdimir (inventor). Issued 12-14-37.
2,102,145. Automatic regulator. Fallou Jean (inventor); Cie Pour La Fabrication Des Compteurs & Materiel D Usines A Gaz (grantee). Issued 12-14-37.
2,102,245. Explosive charge and apparatus for the manufacture of the same. Weber Guillaume (inventor); Les Petits Fils De Francois De Wendel & Cie (grantees). Issued 12-14-37.
2,102,263. Saliva ejector. Grunewald Hubert (inventor). Issued 12-14-37.
2,102,373. Latching system for automobiles or other vehicles. Moittie Lucien Dominique Octave (inventor); S A Des Etablissements Repusseau and Cie (grantee). Issued 12-14-37.
2,102,476. Floatless carburetor. Mennesson Marcel (inventor); S A Solex (grantee). Issued 12-14-37.
2,102,505. Machine for the tooling of metallic screw propeller blades. Berthiez Charles William (inventor); Cie De Fives Lille (grantee). Issued 12-14-37.
2,102,524. Centrifugal clutch. Fieux Jean (inventor); Schneider & Cie (grantee). Issued 12-14-37.
2,102,540. Machine for hobbing the teeth of worm wheels. Lechesne Gabriel (inventor); Durand Paul (grantee). Issued 12-14-37.
2,102,639. Apparatus for constructing monolithic canalized structures. Mourraille Jean Pierre Louis (inventor); Ste Dite Satujo Ste Anme De Construction De Tuyaux Sans Joints Systeme Cravetto Brevete S G D G (grantee). Issued 12-21-37.
2,102,880. Apparatus for dry separation of materials of different densities. Berry Francois Jacques (inventor); Ateliers et Chantiers De La Manche (grantee). Issued 12-21-37.
2,102,903. Loud speaking and amplified microphone telephone exchange. Leveque Emile (inventor); Le Telephone Prive National S A (grantee). Issued 12-21-37.
2,102,946. Internal combustion engine. Dugelay Paul (inventor); Soc D'Exploitation De Brevets Pour L'Industrie L'Aviation et L'Automobile Sebia (grantee). Issued 12-21-37.
2,103,060. Brassiere. Cadolle Marcel (inventor). Issued 12-21-37.
2,103,144. Apparatus for giving anesthetics. Carre Jean (inventor). Issued 12-21-37.
2,103,402. Safety razor. Beckley Pendleton (inventor). 12-28-37.
2,103,426. Grilling and toasting device. Le Masson Marcel (inventor). Issued 12-28-37.
2,103,590. Resilient suspension device for motor cars or other vehicles. Lefevre Andre Rene (inventor); S A Andre Citroen (grantee) Issued 12-28-37.
2,103,666. Antifrost device. D'Ornellas Manuel Luis Jose (inventor). Issued 12-28-37.
2,103,935. Device for preventing evaporation of volatile products. Cossais Raoul Eugene (inventor). Issued 12-28-37.
2,104,154. Sacking into valve bags. Du Bois Alfred (inventor). Issued 1-4-38.
2,104,493. Device for emptying tanks. Muller Jacques (inventor). Issued 1-4-38.
2,104,509. Type casting and setting machine. Deveze Frederic (inventor). Issued 1-4-38.
2,104,555. Electrical furnace. Cousteix Blaise (inventor); S A Des Manufactures Des Glaces et Produits Chimiques De Saint Gobain Chauny et Cirey (grantees). Issued 1-4-38.
2,104,557. Electrical heating means. George Henri et al, Delpech Gaston (inventors); S A Des Manufactures Des Glaces and Produits Chimiques De Saint Gobain Chauny and Cirey (grantee). Issued 1-4-38.
2,104,943. Bathing suit. D Achon Simone (inventor); La Soc A Responsabilite Limitee Dite Irmone (grantee). Issued 1-11-38.
2,105,042. Motor vehicle with variable propulsion. Kegresse Adolphe (inventor). Issued 1-11-38.
2,105,050. Electrical clock device. Mome Marcel (inventor). Issued 1-11-38.

2,105,160. Apparatus for emptying drums containing very thick lubricants or other viscous materials. Piquerez Emile (inventor). Issued 1-11-38.

2,105,177. Device for controlling cathode beams. Barthelemy Rene (inventor); Cie Pour La Fabrication Des Compteurs Et Materiel D Usines A Gas (grantee). Issued 1-11-38.

2,105,186. Variable speed power transmitting device. De La Barre De Nanteuil Christian (inventor). Issued 1-11-38.

2,105,208. Manufacture of vinyl resins. Belloc Maurice (inventor); Soc Nobel Francaise (grantee). Issued 1-11-38.

2,105,293. Convertible body for vehicles and particularly for motor vehicles. Paulin Georges Auguste (inventor). Issued 1-11-38.

2,105,374. Tail device for airplanes. Saulnier Raymond (inventor). Issued 1-11-38.

2,105,634. Machine for facing the surfaces of hard substances by pressure. Brendel Georges Fernand (inventor); S A Scc Marbriere De Paris (grantee). Issued 1-18-38.

2,105,777. Reproduction and projection of goffered films. Saint Genies Anne Henri Jacques De Lassus (inventor). Issued 1-18-38.

2,105,988. Fuel agitator. Ridet Henri A (inventor); S A Fours Et Appareils Stein (grantee). Issued 1-18-38.

2,106,115. Cinematographic intermittent film feed and shutter. Debrie Andre Leon Victor Clement (inventor). Issued 1-18-38.

2,106,397. Optical adjusting device for cinematographic apparatus. Angenieux Pierre et al, Gutmann Jean Marie (inventors). Issued 1-25-38.

2,106,460. Optical device for measuring angles such as sectants. Lepetit Albert (inventor). Issued 1-25-38.

2,106,533. Reflector in particular for vehicles. Nielsen Frederic (inventor). Issued 1-25-38.

2,106,603. Automatic variable speed gear. Jacques Emile (inventor). Issued 1-25-38.

2,106,633. Machine for the manufacture of biscuits. Girodin Marius Ernest (inventor). Issued 1-25-38.

2,106,791. Resilient Diaphragm. Brisson Louis Charles (inventor); S A Soc Des Freins Hydrauliques S De Lavaud (grantees). Issued 2-1-38.

2,106,820. Flying machine. Thibault Emile Henri (inventor). Issued 2-1-38.

2,106,933. Reproduction of lenticular films. Saint Genies Anne Henri Jacques De Lassus (inventor). Issued 2-1-38.

2,106,934. Landing gear for aircraft. Saulnier Raymond (inventor). Issued 2-1-38.

2,106,998. Tachymetric correcting device more particularly for use in connection with sighting apparatus for artillery. Fieux Jean (inventor); Schneider & Cie (grantee). Issued 2-1-38.

2,107,197. Process for the preparation of wetting emulsifying dispersing or cleansing agents and products obtained by this process. Butignot Andre (inventor); Cie Nationale De Matieres Colorantes Et Manufactures De Produits Chimiques Du Nord Reunies Etablissements Kuhlmann (grantee). Issued 2-1-38.

2,107,619. Device for making oneself a tie knot. Ramas Jules Ferdinand (inventor). Issued 2-8-38.

2,107,637. Method of making porous articles. Lefebvre Carnot Pierre et al, Vautier Leon Pierre Georges (inventors); Soc Francaise De La Viscose S A (grantee). Issued 2-8-38.

2,107,689. Power transmitting mechanism for vehicles and especially railroad vehicles. Bugatti Ettore (inventor). Issued 2-8-38.

2,107,722. Mechanical propulsion toy vehicle. Vimeux Leon (inventor). Issued 2-8-38.

2,107,804. Method of modifying the acoustics of a room. Roux Bernard et al, Gamzon Robert, Sollima Mario (inventors). Issued 2-8-38.

2,107,823. Braking system. Hallot Paul (inventor). Issued 2-8-38.

2,107,969. Method of making record cards for statistical machines. Valtat Raymond Louis Andre (inventor). Issued 2-8-38.

2,107,973. Electric transformer for high tension. Bajon Adolphe (inventor); S A Transformateurs De Mesure E Walter (grantee). Issued 2-8-38.

2,107,974. Shock absorber. Bechereau Louis et al, Carrouee Rene (inventors). Issued 2-8-38.

2,107,980. Method for preparing iron and steel. Elian John (inventor). Issued 2-8-38.

2,108,010. Clockwork system. Delviniotti Jean (inventor). Issued 2-8-38.

2,108,026. Automatic firearm. Sutter Charles et al, Boussel Andre (inventors); S A Anciens Etablissements Hotchkiss and Cie (grantee). Issued 2-8-38.

2,108,384. Transmission gear for electric starters. Moisy Alexandre (inventor). Issued 2-15-38.

2,108,652. Propelling device. Coanda Henri (inventor); S A d'Etudes des Brevets et Procedes Coanda Societe Coanda (grantee). Issued 2-15-38.

2,108,977. Means for cooling and filtering liquids. Vullierme Marcel (inventor). Issued 2-22-38.

2,109,086. Grinding instrument for use in dental work. Coussement Hilaire P et al, Cappette Floris (inventors). Issued 2-22-38.

2,109,088. Machine for cutting embossing and printing sheets of paper and cardboard. Levin Salomon (inventor). Issued 2-22-38.

2,109,353. Control device for rectifiers with ionized vapor. Demontvignier Marcel (inventor); Hewittic S A (grantee). Issued 2-13-40.

2,109,403. Means for guiding toy vehicles. Roussy Louis et al, Trubert Rene (inventors). Issued 2-22-38.

2,109,549. Apparatus for emptying packages or receptacles having flexible walls. Piquerez Emile (inventor). Issued 3-1-38.

2,109,691. Pneumatic tire. D Ayguesvives Serge (inventor). 3-1-38.

2,109,710. Device for the control of sliding body tops for vehicles. Saives Leon (inventor); Renault Louis (grantee). Issued 3-1-38.

2,109,711. Gas case hardening furnace. Saives Leon (inventor); Renault Louis (grantee). Issued 3-1-38.

2,109,737. Show window. Schlumbohm Peter (inventor). Issued 3-1-38.

2,109,820. Card selecting system. Desaubliaux Robert Roger Maurice (inventor). Issued 3-1-38.

2,109,850. High tension fuse with high rupturing power. Saudicoeur Louis Joseph (inventor); Ateliers de Constructions Electriques de Delle (grantee). Issued 3-1-38.

2,110,012. Packing for ground coffee. Auban Felix (inventor). Issued 3-1-38.

2,110,103. Measuring valve for use with collapsible tubes. Blanchard Andre (inventor); S A Etablissements Betts et Blanchard (grantee). Issued 3-1-38.

2,110,166. Signaling system for railway and like installations. Nicolas Paul (inventor); Soc Francaise Radio Electrique (grantee). Issued 3-8-38.

2,110,180. Device for changing gears in motor cars and the like. Semery Jean Marie Charles (inventor). Issued 3-8-38.

2,110,191. Polyfuel engine. Bagnulo Albert (inventor). Issued 3-8-38.

2,110,314. Pump for injection engines. Wisner Rene (inventor); S A Andre Citroen (grantee). Issued 3-8-38.

2,110,422. Boiler furnace. Norguet Rene Marie Emile Omer (inventor). Issued 3-8-38.

2,110,445. Process for purifying impure lead. Leferrer Ferdinand (inventor); Soc Miniere et Metallurgique de Penarroya (grantee). Issued 3-8-38.

2,110,446. Process for purifying impure lead. Leferrer Ferdinand (inventor); Soc Miniere et Metallurgique de Penarroya (grantee). Issued 3-8-38.

2,110,529. Soldering or welding machine. Rossignol Alfred Auguste Adolphe et al, Qatremains Alexis Eugene, Rossignol Auguste Louis (inventors). Issued 3-8-38.

2,110,530. Process for the mechanical trimming of pieces. Saives Leon (inventor); Renault Louis (grantee). Issued 3-8-38.

2,110,563. Aircraft of the autogyro type. Thaon Andre (inventor). Issued 3-8-38.

2,110,566. Apparatus for the operation of grabs buckets and the like. Allard Pierre Jean Marie Theodore (inventor); Soc Francaise de Construction de Bennes Automatiques (grantee). Issued 3-8-38.

2,110,791. Case which can be transformed into a table. Denormandie Paul (inventor). Issued 3-8-38.

2,110,930. Recuperation of valuable metals from photographic baths. Doffin Henri Georges (inventor). Issued 3-15-38.

2,110,942. Roller conveyor. Piquerez Emile (inventor). Issued 3-15-38.

2,111,140. Process for concentrating acetic acids. Coutor Charles (inventor); S A Etablissements Lambiotte Freres (grantee). Issued 3-15-38.

2,111,200. Mechanical packing joint. Amourelle Jean (inventor). Issued 3-15-38.

2,111,315. Force measuring device for rockets. Damblanc Louis (inventor). Issued 3-15-38.

2,111,469. Manufacture of formaldehyde. Francon Jacques (inventor). Issued 3-15-38.

2,111,470. Process for electrolytic preparation of alkaline earth alloys. Gadeau Robert Andre (inventor); Cie de Produits Chimiques et Electrometallurgiques Alais Froges et Camargue (grantee). Issued 3-15-38.

2,111,475. Flexible mounting for carrying rollers on vehicles. Kegresse Adolphe (inventor). Issued 3-15-38.

2,111,549. Valve for internal combustion engines. Blanchet Jean (inventor). Issued 3-22-38.

2,111,768. Preparation of p benzylamino benzenesulphonamides. Goissedet Paul Emile Charles et al, Despois Robert Ludovic (inventors); Soc des Usines Chemiques Rhone Poulenc (grantee). Issued 3-22-38.

2,111,792. Improved shock absorber. Laugaudin Eugene (inventor). Issued 3-22-38.

2,111,850. Process for the manufacture of knitted articles such as silk stockings. Flescher Pierre Henry Edmond (inventor); Dore & Fils (grantee). Issued 3-22-38.

2,111,885. Automobile body work. Cambessedes Jean Etienne Felix (inventor). Issued 3-22-38.

2,111,991. System for heating by hot water circulation. Richard Henri Andre (inventor). Issued 3-22-38.

2,112,113. Drawing instrument. Rabe Karl (inventor); Rosenberger Adolf (grantee). Issued 3-22-38.

2,112,168. Product for surfacing roads. Leaute Pierre Marcel Andre (inventor); Soc de Recherches & de Perfectionnements Industriels (grantee). Issued 3-22-38.

2,112,391. Supercharged furnace. Anxionnaz Rene (inventor). Issued 3-29-38.

2,112,394. Manufacture of sheaths particularly cigarette paper sheaths. Chambon Henri (inventor); S A des Anciens Etablissements L Chambon (grantee). Issued 3-29-38.

2,112,411. Optical system for motor head lights and projectors. Schaffner Henri Alexandre, Hippolyte Joseph (inventor). Issued 3-29-38.

2,112,478. Knitting machine with rectilinear needle beds. Cavero Michel (inventor); Soc en Nom Collectif Lebocey Freres Dite Etablissements Lebocey (grantee). Issued 3-29-38.

2,112,757. Stabilizing device for aeroplanes. Billioque Elie Jean Henri (inventor). Issued 3-29-38.

2,113,315. Internal combustion engine. Bugatti Ettore (inventor). Issued 4-5-38.

2,113,316. Method of making valves. Bugatti Jean (inventor). Issued 4-5-38.

2,113,333. Greasing apparatus. Piquerez Emile (inventor). Issued 4-5-38.

2,113,476. Method of copying goffered films. Saint Genies Anne Henri Jacques De Lassus (inventor). Issued 4-5-38.

2,113,478. Air screw with automatically variable pitch. Gobereau Robert Richard (inventor). Issued 4-5-38.

2,113,492. Means for the manufacture of fabrics with bias weft. Philippe Eugene (inventor); Soc Ch Philippe & Cie (grantee). Issued 4-5-38.

2,113,619. Furnace for the agglomeration of pulverulent materials. Saint Jacques Eugene Camille (inventor). 4-12-38.

2,113,794. Road surfacing product. Leaute Pierre Marcel Andre (inventor); Soc de Recherches et de Perfectionnements Industriels (grantee). Issued 4-12-38.

2,113,831. Combustion apparatus. Dupuy Henri (inventor). Issued 4-12-38.

2,113,879. Lifting apparatus. Delalandre Camille (inventor). Issued 4-12-38.

2,113,990. Internal combustion engine. Laraque Roland (inventor). Issued 4-12-38.

2,114,214. Self propelling projectile. Damblanc Louis (inventor). Issued 4-12-38.

2,114,238. Cooling system. Rabatel Henri Augustin (inventor). Issued 4-12-38.

2,114,278. Controlling device for rotatable shafts. Cazes Paul Georges (inventor); Pathe Cinema Anciens Etablissements Pathe Freres (grantee). Issued 4-19-38.

2,114,571. Suspension for vehicles. Renaux Eugene Prosper (inventor). Issued 4-19-38.

2,114,653. Divisor. Danel Pierre Francois (inventor); Ateliers Neyret Beylier and Piccard Picket (grantees). Issued 4-19-38.

2,114,672. Brake. Bertrand Lucien (inventor); S A Francaise du Ferodo (grantee). Issued 4-19-38.

2,114,759. Direction signal for motor cars. Barjot Henri Marie Rene (inventor). Issued 4-19-38.

2,115,095. Coupling device for railroad vehicles. Bugatti Ettore (inventor). Issued 4-26-38.

2,115,100. Needle holder for a relooping needle. Gostkowski Bedri Hussein (inventor); Soc Vitos (grantee). Issued 4-26-38.

2,115,101. Apparatus for operating a relooping needle. Gostkowski Bedri Hussein (inventor); Soc Vitos (grantee). Issued 4-26-38.

2,115,408. Apparatus for the manufacture of colored glass. Brosse Pierre (inventor); S A Holbrever (grantee). Issued 4-26-38.

2,115,480. Incandescent electric lamp. Claude Andre Nicolas (inventor); S A Pour les Applications de l Electricite et des Gas Rares Etablissements Claude Paz & Silva (grantee). Issued 4-26-38.

2,115,576. Substituted camphoric amides and process for their preparation. Goissedet Paul Emile Charles et al, Despois Robert Ludovic (inventors); Soc des Usines Chimiques Rhone Poulenc (grantee). Issued 4-26-38.

2,115,797. Waterproof compound. Belloc Maurice Henri (inventor); Soc Nobel Francaise (grantee). Issued 5-3-38.

2,116,077. Container for liquid servicing products. Mauguy Valentine Amelie et al, Levy Robert Joachim (inventors). Issued 5-3-38.

2,116,355. Disazo dyestuffs and their production. Kopp Georges (inventor); Cie Nationale de Matieres Colorantes et Manufactures de produits, Chimiques du Nord Reunies Etablissements Kuhlmann (grantees). Issued 5-3-38.

2,116,608. Carburetor. Seignoledouard Frederic Charles et al, Monier Francis Jules (inventors); Soc Auxiliaire Pour le Developpement d Industries Mecaniques S A D I M (grantee). Issued 5-10-38.

2,116,611. Porous material and method of making same. Vautier Leon Pierre Georges et al, Carnot Claude (inventors); Soc Francaise de la Viscose S A (grantee). Issued 5-10-38.

2,116,620. Weft feeder for weaving looms. Dewas Raymond (inventor). Issued 5-10-38.

2,116,633. Light filter. Long Bernard (inventor); S A des Manufactures des Glaces and Produits Chimiques de Saint Gobain Chauny and Cirey (grantees). Issued 5-10-38.

2,116,667. Radio beacon and blind landing system. Chireix Henri (inventor); Cie Generale de Telegraphie Sans Fil (grantee). Issued 5-10-38.

2,116,825. Container for the transport of merchandise. Crescent Andre Jules Alexandre et al, Robinet Aime Joseph (inventors); Crescent Andre Jules Alexandre (grantee). Issued 8-8-39.

2,116,834. Endless track for vehicles. Kegresse Adolphe (inventor). Issued 8-8-39.

2,116,835. Flexible joint for machine parts. Kegresse Adolphe (inventor). Issued 8-8-39.

2,117,211. Thermal motor for rewinding clocks or like apparatus. Reutter Jean Leon (inventor). Issued 8-8-39.

2,117,212. Damping means for magnetic speedometers. Rodanet Charles Hilaire Henri (inventor); S A Etablissements Ed Jaeger (grantee). Issued 8-8-39.

2,117,213. Electric switch with manometric control. Rodanet Charles Hilaire Henri (inventor); S A Etablissements Ed Jaeger (grantee). Issued 8-8-39.

2,117,544. Lighting by sustained luminescence. Coustal Rene Andre (inventor); S A Stella Lux (grantee). Issued 5-17-38.

2,117,575. Power Hammer for stamping with counter tup. Saives Leon (inventor); Renault Louis (grantee). Issued 5-17-38.

2,117,603. Opening of textile fabrics from rope form. Dungler Julien (inventor). Issued 5-17-38.

2,118,341. Combustion chamber for internal combustion engines with ignition by compression. Colell Richard (inventor). Issued 5-24-38.

2,118,375. Selvedge guide apparatus for fabrics. Dungler Julien (inventor). Issued 5-24-38.

2,118,577. Paving device. Thevenin Georges (inventor). Issued 5-24-38.

2,118,667. Dielectric. Domenach Louis (inventor); Cie Generale d Electricite (grantee). Issued 5-24-38.

2,118,712. Primary cell. Oppenheim Rene (inventor); S A le Carbone (grantee). Issued 5-24-38.

2,118,790. Electromechanical winding device. Fouques Raoul et al, Lenfant Jacques (inventors). Issued 5-24-38.

2,118,979. Means for preventig crust formations on the walls of boilers. Mazza Plinio Sergio Davide (inventor). Issued 5-31-38.

2,119,003. Calculating machine. Bister Germain Justin Marie (inventor). Issued 5-31-38.

2,119,067. Jewel ornamented with stones. Arpels Salomon Dit Charles (inventor); Soc Van Cleef & Arpels (grantee). Issued 5-31-38.

2,119,088. Method for producing flat blanks for aluminum cooking vessels. Strack Albert Friedrich (inventor). Issued 5-31-38.

2,119,092. Magneto. Bernard Jean (inventor). Issued 5-31-38.

2,119,151. Friction bearing for aircraft control surfaces. Calvy Jean (inventor). Issued 5-31-38.

2,119,181. Aircraft. Saulnier Raymond (inventor). Issued 5-31-38.

2,119,270. Method for treating the residues from the roasting of the iron pyrites. De Vecchis Ineo (inventor). Issued 5-31-38.

2,119,466. Process for the manufacture of urea & formaldehyde varnishes & product obtained. Michaut Paul (inventor). Issued 5-31-38.

2,119,573. Needle of weaving looms. Dewas Raymond (inventor). Issued 6-7-38.

2,119,680. Method and means for the manufacture of electrical resistances. Long Bernard (inventor); S A des Manufactures des Glaces & Produits Chemiques de Saint Gobain, Chauny & Cirey (grantees). Issued 6-7-38.

2,119,836. Baby carriage foldable to form trunks. Waeles Daniel Charles et al, Rozentraub David (inventors). Issued 6-7-38.

2,119,903 Shoe brake. Brisson Louis Charles et al, Marmignon Pierre (inventors); S A Soc des Freins Hydrauliques, S de Lavaud (grantees). Issued 6-7-38.

2,119,999. Welding strip. Naeder Maurice (inventor). Issued 6-7-38.

2,120,016. Connecting rod. Bugatti Jean (inventor). Issued 6-7-38.

2,120,148. Apparatus for producing permanent waves. Kallmann Simon (inventor). Issued 6-7-38.

2,120,435. Transporting and guiding means. Desbordes Louis et al, Bertrand Pierre (inventors); S A des Manufactures des Glaces and Produits Chimiques de Saint Bobain, Chauny and Cirey (grantees). Issued 6-14-38.

2,120,576. Means for controlling the worker of teasing machines. Scholaert Albert C (inventor). Issued 6-14-38.

2,120,647. Door lock. Papst Max (inventor). Issued 6-14-38.

2,120,729. Process and device for automatically centering x-rays in radiographic and stereoscopic radiographic apparatus. Chausse Clement Sylvain (inventor). Issued 6-14-38.

2,120,733. Clutching and speed changing mechanism. Cotal Jean (inventor). Issued 6-14-38.

2,120,734. Coupling mechanism. Cotal Jean (inventor). Issued 6-14-38.

2,120,735. Adjustable drive roll for developing machines for films and the like. Debrie Andre Leon Victor Clement (inventor). Issued 6-14-38.

2,120,753. Silencing device for endless track vehicles. Kegresse Adolphe (inventor). Issued 6-14-38.

2,120,785. Furnace for treating pulverulent materials. Saint Jacques Eugene Camille (inventor). Issued 6-14-38.

2,120,813. Radio tuning indicator device. Riotte Roger (inventor); Sonora Radio S A (grantee). Issued 6-14-38.

2,120,890. Spark plug. Figard Pierre (inventor). Issued 6-14-38.

2,121,300. Apparatus for atomizing. Peycru Louis (inventor). Issued 6-21-38.

2,121,445. Control mechanism. Prompt Lucien Louis Joseph (inventor). Issued 6-21-38.

2,121,506. Carburetor. Mennesson Marcel (inventor); S A Solex (grantee). Issued 6-21-38.

2,121,659. Reinforced track crossing. Grand Jean Francois Eugene et al, Grand Rene Lucien (inventors). Issued 6-21-38.

2,121,670. Construction of fuselages vehicle bodies and the like. Saives Leon (inventor); Renault Louis (grantee). Issued 6-21-38.

2,121,816. Relay for fuel gauges. Mortier Henri (inventor). Issued 6-28-38.
2,121,999. Vertical heat exchanger. Trepaud Georges (inventor). Issued 6-28-38.
2,122,083. Method of and apparatus for producing corrugated glass sheets. Boudin Louis et al, Poeymirou Henri (inventors); S A des Manufactures des Glaces and Products Chimiques de Saint Gobain Chauny & Cirey (grantees). Issued 6-28-38.
2,122,111. Air filter. Poelman Armand J J et al, Schneider Robert (inventors). Issued 6-28-38.
2,122,123. Powder puff forming a receptacle. Zolotnizky Mischa (inventor). Issued 6-82-38.
2,122,200. Apparatus for conveying objects treated in continuously operating furnaces. Fourment Marcel (inventor). Issued 6-28-38.
2,122,422. Apparatus for reducing resistance. Huet Andre (inventor). Issued 7-5-38.
2,122,856. Strapping material for binding or securing boxes bales parcels and other packages and process for manufacturing the same. Brenneisen Hermann (inventor). Issued 7-5-38.
2,122,928. Gyroplane. Breguet Louis (inventor); S A des Ateliers d Aviation, Louis Breguet (grantees). Issued 7-5-38.
2,122,949. Device for automatically controlling the filling of reservoirs tanks and the like. Piquerez Emile (inventor). Issued 7-5-38.
2,123,096. Aeroplane. Charpentier Jean Frederic Georges Marie Leon (inventor). Issued 7-5-38.
2,123,115. Stroboscopic device for checking and adjusting meters. Maillat Gustave Ernest (inventor); Union d Electricite (grantee). Issued 7-5-38.
2,123,354. Coating size on a paper strip. Corse Gaston (inventor); Soc Dite Anciens Etablissements L Chambon (grantees). Issued 7-12-38.
2,123,463. Apparatus for the manufacture of yeast. Effront Ivan Auguste (inventor). Issued 7-12-38.
2,123,469. Device for placing protective coverings automatically on the seats of water closets. Joriot Camille (inventor). Issued 7-12-38
2,123,578. Engine mount. Renaux Eugene Prosper et al, Renaux Lucien Jules (inventors). Issued 7-12-38.
2,123,769. Speed changing gear. Cotal Jean (inventor). Issued 7-12-38.
2,123,770. Clutching and speed changing mechanism. Cotal Jean (inventor). Issued 7-12-38.
2,124,133. Injection device for internal combustion engines. Bellem Louis Henri Libert (inventor). Issued 7-19-38.
2,124,150. Method and device for recording sound. Ricchiardi Pier Carlo, inventor). Issued 7-19-38.
2,124,260. Gas purifying material. Post Ferdinand Christoph (inventor); Cie des Produits Chimiques et Charbous Actifs Edouard Urbain (grantees). Issued 7-19-38.
2,124,287. Purse. Claviez Jean (inventor). Issued 7-19-38.
2,124,471. Hat retainer. Rittener Agnes Born Collins (inventor). Issued 7-19-38.
2,124,493. Apparatus for use in connection with bottles containing a gaseous fluid under pressure. Mejean Jacques Gustave (inventor); Soc Bronzavia (grantee). Issued 7-19-38.
2,124,787. Radiator of aeroplane engines. Lachasse Louis Maurice (inventor); S A des Appareils G A L (grantee). Issued 7-26-38.
2,124,817. Gyroscope. Fieux Jean (inventor); Schneider and Cie (grantee). Issued 7-26-38.
2,124,818. Milling cutter with helical teeth. Gouverneur Fernand (inventor). Issued 7-26-38.
2,124,901. Apparatus adapted for the propulsion of fluids. Barna Nicolas (inventor); Soc les Fils de Enile Salmson (grantee). Issued 7-26-38.
2,124,911. Automatic firearm. Darne Regis (inventor). Issued 7-26-38.
2,125,168. Spindle. Leclercq Robert (inventor). Issued 7-26-38.
2,125,319. Method of illuminating rooms. Schlumbohm Peter (inventor). Issued 8-2-38.
2,125,619. Vertical filing device for cards and other uses. Parent Edmond Henri Andre (inventor). Issued 8-2-38.
2,125,638. Clockwork movement. Hubert Jean (inventor); Delviniotti Jean (grantee). Issued 8-2-38.
2,125,751. Liquid cooling device for aircraft engines. Saulnier Raymond (inventor). Issued 8-2-38.
2,125,752. Removable roof for the cockpits of aircraft. Saulnier Raymond (inventor). Issued 8-2-38.
2,125,764. Apparatus for projection of molten pulverized bodies. Benoit Francois Philippe Charles (inventor). Issued 8-2-38.
2,125,894. Needle weaving loom. Dewas Raymond (inventor). Issued 8-9-38.
2,125,912. Electrical heating. George Henri et al, Delpech Gaston (inventors); S A des Manufactures des Glaces & Produits Chimiques de Saint Gobain Chauny & Cirey (grantee). Issued 8-9-38.
2,125,941. Manufacture of nitric acid esters and of explosives. Matter Oskar (inventor); Soc d Exploitation des Brevets O Matter S E B O M (grantee). Issued 8-9-38.
2,126,047. Mechanical time fuse. Schenk Edouard H (inventor); Brandt Edgar (grantee). Issued 8-9-38.
2,126,096. Polishing composition. Deguide Hubert (inventor). Issued 8-9-38.
2,126,098. Reclining armchair. Ducrot Albert (inventor). Issued 8-9-38.
2,126,115. Supervision device for variations of temperature. Jordi Rene Jean (inventor); Etablissements Mighom (grantee). Issued 8-9-38.
2,126,306. Piston for internal combustion engines. Bernard Auguste Louis Rene DEC (inventor); Bernard Renee nee Bourbonville excx (grantee). Issued 8-9-38.
2,126,442. Crude oil engine. Baud Albert (inventor). Issued 8-9-38.
2,126,555. Process for the treatment of solutions of colloidal and crystalloidal nature and in particular of sweet juices and residual waters. Hugel Emile Joseph (inventor). Issued 8-9-38.
2,126,973. Apparatus for emptying flexible walled packages of viscous materials. Piquerez Emile (inventor). Issued 8-16-38.
2,127,054. Process for the manufacture of masks. Cesar Guy Francis Aime (inventor). Issued 8-16-38.
2,127,063. Weighing apparatus. Levy Marcel Adrien Elie et al, Loth William Arthur (inventors); S A Societe Francaise de Metrographie (grantee). Issued 8-16-38.
2,127,172. Furnace burner. Hermitte Louis (inventor); Soc Rateau (grantee). Issued 8-16-38.
2,127,238. Apparatus for integral carburetion for motors. Stokiss Edmond Lucien (inventor). Issued 8-16-38.
2,127,349. Hair curler. Boulard Gabriel (inventor). Issued 8-16-38.
2,127,416. Loose leaf binding. Martin Andre Lucien (inventor). Issued 8-16-38.
2,127,475. Ship's stern. Yourkevitch Vladimir (inventor). Issued 8-16-38.
2,127,768. Friction driving device. Debrie Andre Leon Victor Clemen (inventor). Issued 8-23-38.
2,127,802. Apparatus for inhalations. Sene Leon Paul (inventor). Issued 8-23-38.
2,127,814. Transmitting gear with variable speed. Guiraud Henry (inventor). Issued 8-23-38.
2,127,864. Control device for the flaps of aircraft. Girard Rene (inventor); Cie des Avions Hanriot (grantee). Issued 8-23-38.
2,127,888. Vibration reducing device. Sarazin Raoul Roland Raymond (inventor). Issued 8-23-38.
2,128,082. Frame for agricultural machines and mowing machines comprising this frame. Durand Albert Jules Marius Joseph (inventor). Issued 8-23-38.
2,128,687. Streamlined vehicle. Andreau Jean Edouard (inventor). Issued 8-30-38.
2,128,694. Elastic suspension system for vehicles. Dubonnet Andre (inventor). Issued 8-30-38.
2,128,773. Arrangement for taking motion pictures in natural colors. Gutmann Jean Marie et al, Angenieux Pierre (inventors). Issued 8-30-38.
2,128,789. Aircraft machinery. Anxionnaz Rene (inventor). Issued 8-30-38.
2,128,838. Fuse for projectiles. Methlin Nicolas Emilien (inventor); Schneider & Cie (grantee). Issued 8-30-38.
2,128,839. Device for operating land mines and the like by the passage of tanks or other vehicles. Methlin Nicolas Emilien (inventor); Schneider & Cie (grantee). Issued 8-30-38.
2,129,113. Device for the transportation and distribution of liquids. Bancons Jean Louis Roger (inventor). Issued 9-6-38.
2,129,119. Extrusion container. Davis Charles (inventor). Issued 9-6-38.
2,129,120. Method of forming extrusion containers. Davis Charles (inventor). Issued 9-6-38.
2,129,241. Apparatus for continuously measuring torques. Sarazin Raoul Roland Raymond (inventor). Issued 9-6-38.
2,129,404. Pane securing means. Bugatti Ettore (inventor). Issued 9-6-38.
2,1289,405. Truck and wheel train especially intended for railroad vehicles. Bugatti Ettore (inventor). Issued 9-6-38.
2,129,757. Cummutator brush control. Fouques Raoul et al, Lenfant Jacques (inventors). Issued 9-13-38.
2,129,826. Fire protecting device for air cooled engines. Dintilhac Jean Georges (inventor). Issued 9-13-38.
2,129,842. Process and apparatus for the production of flat bags. Holweg Charles (inventor); Ateliers de Constructions Mechaniques C & A Holweg (grantee). Issued 9-13-38.
2,130,537. Arrangement for copying lenticular films. Dervieux Andre (inventor); Walker Henry Lymne (grantee). Issued 9-20-38.
2,130,715. Electric heating element. Coupier Marcel Marie Joseph Eugene (inventor). Issued 9-20-38.
2,130,763. Closing device for vessels containing a matter under pressure especially fire extinguishers. Bouillon Joseph Marie Francois (inventor). Issued 9-20-38.
2,130,777. Method for the production of composite images. Planskoy Leonti (inventor). Issued 9-20-38.
2,130,951. Loading apparatus for vehicles. Edwards Charles Kearns (inventor). Rey Fernand (grantee). Issued 9-20-38.
2,131,025. Automatic rotary valve. Daniel Pierre Francois (inventor). Ateliers Neyret Beylier & Piccard Pictet (grantee). Issued 9-27-38.
2,131,369. Braking device. Brisson Louis Charles (inventor). S A Soc des Freins Hydrauliques S de Lavaud (grantee). Issued 9-27-38.
2,131,449. Pneumatic polishing wheel. Mary Clotaire (inventor). Issued 9-27-38.
2,131,457. Bust supporter. Tachat Jeanne (inventor). S A Bernard & Cie (grantee). Issued 9-27-38.
2,131,472. Motor. Coanda Henri (inventor). Issued 9-27-38.
2,131,528. Flying machine adapted to land on water. Soyer Robert (inventor). Issued 9-27-38.

2,131,660. Water jet apparatus. Heidmann Leon (inventor). Forges & Ateliers de Constructions Electriques de Jeumont S A (grantees). Issued 9-27-38.

2,131,813. Apparatus for producing hollow articles or containers from paper pulp. Marguerat Robert et al, Chevrier Eugene Marcel (inventors). Issued 10-4-38.

2,131,974. Screen for the production of stereoscopic images. Saint Genies Anne Henri Jacques de Lassus (inventor). Issued 10-4-38.

2,132,130. Pump system for liquid fuel heating plants. Sallot Louis Edouard inventor). Issued 10-4-38.

2,132,613. Hydrogenation catalyst. Francon Jacques (inventor). Soc Industrielle des Carburants et Solvants (grantee). Issued 10-11-38.

2,132,746. Soap covered with a soft sheath. Meyer Claude Isaac (inventor). Issued 10-11-38.

2,132,782. New plastic material and process for manufacturing the same. Fernbach Auguste (inventor). Issued 10-11-38.

2,132,797. Machine for stitching shoes. Mousset Andre Gabriel (inventor). Issued 10-11-38.

2,132,801. Variable speed gearing. Perruca Felix (inventor); Soc a Responsabilite Limitee la Filiere Unicum (grantee). Issued 10-11-38.

2,132,905. Stone setting device for jewelry or other applications. Maynier Victor (inventor); Soc en Nom Collectif V Maynier and G Pincon (grantees). Issued 10-11-38.

2,132,971. Knitting frame for elastic fabric having unextensible zones. Roques Louis (inventor); Roques Louis et Georges Arrachequesne (grantee,. Issued 10-11-38.

2,133,176. Universal driving joint. Parent Jacques Auguste (inventor). Issued 10-11-38.

2,133,204. Fastener. Max Ella (inventor). Issued 10-11-38.

2,133,207. Diaphragm pump. Mennesson Andre Louis (inventor); S A Solex (grantee). Issued 10-11-38.

2,133,327. Process for refining lead which contains bismuth. Jollivet Leon Eugene (inventor); Soc Miniere et Metallurgique de Penarroya (grantee). Issued 10-18-38.

2,133,394. Automatic oil heater. Mortier Henri (inventor). Issued 10-18-38.

2,133,414. Drill grinding machine. Bahuaud Adrien Auguste (inventor). Issued 10-18-38.

2,133,533. Automatic heat compensated slack adjusting device. Brisson Louis Charles (inventor); Soc des Freins Hydrauliques S de Lavaud (grantee). Issued 10-18-38.

2,133,657. Drawing and retention mechanism for preparing and spinning machines. Devaux Paul (inventor). Issued 10-18-38.

2,133,668. Wing for aircraft. Potez Henry Charles Alexandre (inventor). Issued 10-18-38.

2,133,864. Process for the preparation in an acid medium of chromed dyestuffs and products resulting from this process. Kopp Georges (inventor); Cie Nationale de Matieres Colorantes et Manufactures de Produits Chimiques du Nord Reunies Etablissements Kuhlmann (grantee). Issued 10-18-38.

2,134,237. Pump for aircraft machinery. Saulnier Raymond (inventor). Issued 10-25-38.

2,134,248. Furnace lining especially of highly heated metallurgical furnaces and particularly to linings of furnace gas ports. Godenne Jean (inventor). Issued 10-25-38.

2,134,342. Machine for the manufacture of blown glass articles of great capacity. Roirant Emile (inventor); S A D Etudes et de Constructions d Appareils Mecaniques pour la Verrerie (grantees). Issued 10-25-38.

2,134,628. Vehicle coupling device. Verney Louis Adolphe (inventor); Soc Centrale de Chemins de Fer and d Entreprises (grantee). Issued 10-25-38.

2,134,642. Azo dyestuff and process for the manufacture thereof. Petitcolas Pierre et al, Sureau Robert Frederic Michel (inventors); Cie Nationale de Matieres Colorantes et Manufactures de Produits Chimiques du Nord Reunies Etablissements Kuhlmann (grantee). Issued 10-25-38.

2,134,853. Method of making bent pipe elements. Boissou Pierre (inventor); S A des Hauts Fourneaux and Fonderies de Pont a Mousson (grantees). Issued 11-1-38.

2,134,890. Means for materializing the stream lines of a fluid. Redon Henry (inventor); Soc Provencale de Constructions Aeronautiques (grantees) Issued 11-1-38.

2,135,396. Optical reproduction of lenticulated or goffered films. Saint Genies Anne Henri Jacques de Lassus (inventor). Issued 11-1-38.

2,135,825. Apparatus for finishing hollow articles produced directly from paper pulp. Marguerat Robert et al, Chevrier Eugene Marcel (inventors). Issued 11-8-38.

2,135,826. Signaling lamp. Marischal Omer Marie Cyrille (inventor). Issued 11-8-38.

2,135,925. Fuel injecting device for internal combustion engines. Tuscher Jean Edouard (inventor). Issued 11-8-38.

2,135,951. Windshield lifting device. Rodanet Charles Hilaire Henri (inventor); S A Etablissement ed Jaeger (grantee). Issued 11-8-38.

2,135,997. Automatic heliostat. Arthuys Jacques Marie (inventor); Arthel Soc d Exploitation des Brevets Jacques Arthuys (grantees). Issued 11-8-38.

2,136,059. Machine for the electric welding of tubes. Sciaky David (inventor). Issued 11-8-38.

2,136,084. Shoe. Perugia Andre (inventor). Issued 11-8-38.

2,136,128. Airplane having a variable lifting surface. Gerin Jacques (inventor). Issued 11-8-38.

2,136,181. Line & altitude delineator.. Courtois Suffit Roger Maurice Robert (inventor). Issued 11-8-38.

2,136,303. Colored screen for stereoscopic projections. Lumiere Louis (inventor). Issued 11-8-38.

2,136,314 Device for exerting a frictional action. Petit Jean Emile (inventor). Issued 11-8-38.

2,136,327. Reproduction of goffered films. St. Genies Anne Henri Jacques de Lassus (inventor). Issued 11-8-38.

2,136,486. Automatic apparatus for direct observation of picture strips and the like. Blondin Michel Charles (inventor). Issued 11-15-38.

2,136,586. Wheel mounting. Dubonnet Andre. Issued 11-15-38.

2,136,760. Locking device for vehicle wheels. Saives Leon (inventor); Renault Louis (grantee). Issued 11-15-38.

2,136,877. Insulators heat resisting and similar articles and methods of manufacturing the same. Delpech Gaston, et al., Lambert Roger (inventors); S. A. des Manufactures des Glaces and Produits Chimiques de Saint Gobain, Chauny and Cirey (grantees). Issued 11-15-38.

2,136,971. Variable speed mechanism. Fleischel Gaston (inventor). Issued 11-15-38.

2,137,059. Electromagnetic system for the automatic regulation of temperatures. Moreau Henri (inventor). Issued 11-15-38.

2,137,145. Servo brake for motor vehicles. Saives Leon (inventor); Renault Louis (grantee). Issued 11-15-38.

2,137,327. Safety razor. Bertry Vital Antoine. (inventor). Issued 11-22-38.

2,137,498 Disazo dyestuffs and process for their manufacture. Mirocourt Henry, et al., Jirou Marcel Georges (inventors); Cie Nationale de Matieres Colorantes Et Manufactures de Produits Chimiques du Nord Reunies Etablissements Kuhlmann (grantees). Issued 11-22-38.

2,137,591. Vibration damping device. Sarazin Raoul Roland Raymond (inventor). Issued 11-22-38.

2,137,983. Percussion fuse for projectiles Remondy Leon Emile (inventor). Issued 11-22-38.

2,138,072. Propeller and like rotary member. Saint Jacques Eugene Camille (inventor). Issued 11-29-38.

2,138,135. Pipe joint. Boucher Jacques (inventor); S. A. des Hauts Fourneaux et Fonderies de Pont a Mousson (grantees). Issued 11-29-38.

2,138,326. Flying machine. Pouit Robert (inventor). Issued 11-29-38.

2,138,339. Airscrew having a variable pitch. Chauviere Lucien Edouard (inventor); S A. Forge et Usinage de Metaux Legers Helices Metalliques Chauviere (grantees). Issued 11-29-38.

2,138,421. Distant electric control system. Granat Elie (inventor); Cie des Forges et Acieries de la Marine et D. Homecourt (grantees). Issued 11-29-38.

2,138,487. Adjustable pitch propeller. Gaba Achille Ernest (inventor). Issued 11-29-38.

2,138,547. Pneumatic braking device. Houplain Georges Emile (inventor). Issued 11-29-38.

2,138,850. Locking means for interthreaded elements. Garnier Desire Theodule Arsene (inventor). Issued 12-6-38.

2,138,873. Soap tablet covered with a soft sheath. Meyer Claude Isaac (inventor). Issued 12-6-38.

2,138,973. Continuous distillation furnace. Lege Edouard Georges Marie Romain (inventor). Issued 12-6-38.

2,139,096. Installation for the washing of vehicles. Piquerez Emile (inventor). Issued 12-6-38.

2,139,097. Dispensing device. Piquerez Emile. (inventor). Issued 12-6-38.

2,139,203. Automatic pistol. Petter Charles Gabriel (inventor). Issued 12-6-38.

2,139,303. Watercraft. Grunberg Wsevolode Dit Greg (inventor). Issued 12-6-38.

2,139,791. Process of manufacturing dry rectifiers. Barrey Etienne (inventor). Issued 12-13-38.

2,139,806. Machine for the continuous printing of negative films on a plurality of positives at the same time. Dalotel Maurice Albert (inventor); Mathot Suzanne Rosalie (grantee). Issued 12-13-38.

2,139,841. Regulating device for internal combustion engines. Mennesson Marcel Louis (inventor); S. A. Solex (grantee). Issued 12-13-38.

2,139,855. Apparatus for photography with or without color. Saint Genies Anne Henri Jacques, De Lassus (inventor). Issued 12-13-38.

2,139,935. Thiocyanic and dithiocarbamic anhydrides and the process of making the same. Claudin Jean (inventor); S A des Matieres Colorantes and Produits Chimiques de Saint Denis (grantees). Issued 12-13-38.

2,139,987. Dyeing and printing with insoluble azo dyestuffs. Wahl Andre, et al., Paillard Maurice (inventors); S. A. des Matieres Colorantes Produits Chimiques de Saint Denis (grantees). Issued 12-13-38.

2,140,629. Heat interchange means. Hubert Charles Adolphe (inventor). Issued 12-20-38.

2,140,696. Method for producing an elastic fabric. Ferrari Andre (inventor). Issued 12-20-38.

2,140,756. Support forming current intake with automatic adjustment of temperature for electric heating apparatus. Lobstein Jean (inventor). Issued 12-20-38.

2,140,765. Hysteresis compensated pressure measuring device. Reutter Jean Leon (inventor); S. A. Etablissements Ed Jaeger (grantee). Issued 12-20-38.

2,140,881. Intensive electric arc carbon. Parisot Jean (inventor); Cie Lorraine de Charbons Pour L Electricite (grantees). 12-20-38.

2,140,883. Methods of manufacturing alumina. Seailles Jean Charles (inventor). Issued 12-20-38.

2,141,416. Indicator of detonations for internal combustion engines. Serruys Max Yves Antonin (inventor). Issued 12-27-38.

2,141,422. Control device for variable condensers. Thomas Andre (inventor). Issued 12-27-38

2,141,506. Apparatus for charging furnaces. Francois Bongarcon Aime Pierre Joseph (inventor). Issued 12-27-38.

2,141,514. Apparatus designed for the successive exhibition of dioramas. Carre Philippe Alexis Jean et al, Carre Jacques Louis Alexis Maurice C (inventors). Issued 12-27-38.

2,141,552. Variable pitch airscrew. Ratie Pierre Paul (inventor); Soc. D. Etudes Pour L. Aviation S. E. P. A. (grantee). Issued 12-27-38.

2,141,553. Transmission control circuit. Ravut Camille et al, Godeau Louis (inventors); Soc Industrielle Des Telephones, Constructions Electriciques. Caoutchouc Cables (grantee). Issued 12-27-38.

2,141,667. Water insoluble azo dyestuffs. Petitcolas Pierre (inventor); Cie Nationale de Matieres Colorantes et Manufactures de Produits Chimiques du Nord Reunies Etablissements Kuhlmann (grantee). Issued 12-27-38.

2,141,737. Valve bag. Du Bois Alfred (inventor). Issued 12-27-38

2,141,738. Filling and weighing machine. Du Bois Alfred (inventor). Issued 12-27-38.

2,142,438. Method of constructing metal doors. Faiveley Louis (inventor). Issued 1-3-39.

2,142,541. Protection for electric distribution systems. Vogel Theodore Mathieu (inventor). Cie Pour la Fabrication des Compteurs & Material d Usines a Gaz (grantee). Issued 1-3-39.

2,142,742. Machine for engraving rings. Blois Felix (inventor). Issued 1-3-39.

2,143,321. Hydraulic Clutch Mechanism. Kegresse Adolphe (inventor). Issued 1-10-39.

2,143,596. Recoil absorber for firearms. Galliot Norbert Jules Andre et al; Chable Jeanne Adrienne, Victorine Anna (inventors). Issued 1-10-39.

2,143,597. Liquid level indicator. Gilles Georges et al, Lustin Henri (inventors). Issued 1-10-39.

2,143,617. Roller for use in printing. Beaune Serge Virgile (inventor); Soc Des Procedes Serge Beaune (grantee). Issued 1-10-39.

2,143,649. Extensible electrical conductor cord or ribbon. Dansard Felix (inventor). Issued 1-10-39.

2,143,732.Grinding body for crusher tubes and similar apparatus. Gernelle Henry Victor Jean (inventor). Issued 1-10-39.

2,143,753. Device for handling metal section members and more particularly rails in order to harden them. Bladge Marcel (inventor); S A des Hauts Forneaux de la Chiers (grantee). Issued 1-10-39.

2,143,932. Method of synchronizing cathode beams. Barthlelemy Rene (inventor); Cie Pour la Fabrication des Compteurs et Materiel d'Usines a Gaz (grantee). Issued 1-17-39.

2,143,933. Television receiver. Barthelemy Rene (inventor); Cie Pour la Fabrication des Compeurs et Materiel d'Usines a Gaz (grantee). Issued 1-17-39.

2,143,951. Method and apparatus for the manufacture of cellular glass. Lambert Roger (inventor); S A des Manufactures des Glaces and Produits Chimiques de Saint Gobain Chauny & Cirey (grantee). Issued 1-17-39.

2,143,953. Articulated beam. Le Roy Michel (inventor). Issued 1-17-39.

2,144,021. Safety fastening for skis. Kiener Christian (inventor). Issued 1-17-39.

2,144,081. Transportation of rolling loads. Porte Antoine Paul Rene (inventor); Soc Pour l'Union des Transports Ferroviaires et Routiers (grantee). Issued 1-17-39.

2,144,181. Hopper. Du Bois Alfred (inventor). Issued 1-17-39.

2,144,232. Cartridge for shotguns. Spengler Jules (inventor). Issued 1-17-39.

2,144,706. Cylinder for engines of the apposed piston type. Pescara Raul Pateras (inventor); Soc Etudes et de Participations Eau Gaz Electricite Energie S A (grantee). Issued 1-24-39.

2,144,927. Variable pitch airplane propeller. Levasseus Pierre Georges Albert (inventor). Issued 1-24-39.

2,144,966. Regulator of combustion for thermic furnaces. Frion Paul (inventor). Issued 1-24-39.

2,145,044. Variable translation speed feeding device for fabrics and the like. Dungler Julien (inventor). Issued 1- 4-39.

2,145,076. Method of preparing artificial threads. Ehrenstein Paul (inventor); Soc Rhodiaceta (grantee). Issued 1-24-39.

2,145,151. Method of manufacturing cigarette paper. Braunstein Roger (inventor); S A Des Anciens Etablissements Braunstein Freres (grantee). Issued 1-24-39.

2,145,342. Radio wave measuring device. Corriez Andre Jacques (inventor). Issued 1-31-39.

2,145,373. Hydraulic servo brake for motor vehicles. Saives Leon (inventor); Renault Louis (grantee). Issued 1-31-39.

2,145,374. Apparatus for subjecting gases to the action of liquids Salerni Edoardo Michele (inventor). Issued 1-31-39.

2,145,785. Racket for tennis and like games. Aubert Emile Henri (inventor); Soc Pour la Realisation et l'Exploitation d' Inventions Mechoniques Reim. (grantee). Issued 1-31-39.

2,146,063. Card selecting device. Gardin Andre et al, Flahaut Rene (inventors). Issued 2-7-39.

2,146,207. Brake adjusting dveice. Farkas Pierre (inventor). Issued 2-7-39.

2,146,208. Drum brake for automobile vehicles. Farkas Pierre (inventor). Issued 2-7-39.

2,146,297. Wind deflector and brake. Huet Andre (inventor). Issued 2-7-39.

2,146,336. Derivation clip serving for junction of a cock to water conduit. Frey Charles (inventcr). Issued 2-7-39.

2,146,348. Primary battery. Portail Fernand Charles Frederic (inventor); S A Le Carbone (grantee). Issued 2-7-39.

2,146,351. Internal combustion engine. Rochefort Francois (inventor). Issued 2-7-39.

2,146,618. Rotary mixing apparatus. Boudrant Robert Jean Charles (inventor); Soc d'Electricite de Paris (grantee). Issued 2-7-39.

2,146,990. Parachute. Rousselot Marcelle Born Tricau (inventor). Issued 2-14-39.

2,147,107. Billiard table. Proust Gilbert (inventor). Issued 2-14-39.

2,147,189. Loaded electric line. Brillouin Leon Nicolas (inventor). Issued 2-14-39.

2,147,205. Process for dephosphorizing and desulphurizing steel. Lemoine Robert Paul (inventor); Soc d'Electrochimie d'Electrometallurgie et des Acieries Electriques d'Ugine (grantee). Issued 2-14-39.

2,147,206. Process for dephosphorizing and desulphurizing steel. Lemoine Robert Paul (inventor); Soc d'Electrochimie d'Electrometallurgie et des Acieries Eelectriques d' Ugine (grantee). Issued 2-14-39.

2,147,214. Apparatus for boring. Perebaskine Victor et al, Gravirowsky Pierre, Nikitine Serge (inventors). Issued 2-14-39.

2,147,334. Pumping unit with automatic clutch. De Boysson Joseph Bernard Antoine (inventor). Issued 2-14-39.

2,147,349. Packing or wrapping for viscous liquids and pasty materials. Piquerez Emile (inventor). Issued 2-14-39.

2,147,390. Fuel feed pump. Vaudet Paul Lazare (inventor); Soc Provencale de Constructions Aeronautiques (grantee). Issued 2-14-39.

2,147,550. Projectile. Sabathe Louis Gaston (inventor). Issued 2-14-39.

2,147,551. Apparatus for the treatment of gas. Saives Leon (inventor); Renault Louis (grantee). Issued 2-14-39.

2,147,552. Metallic construction. Saives Leon (inventor); Renault (grantee). Issued 2-14-39.

2,147,968. Aircraft. Delanne Maurice Henri (inventor). Issued 2-21-39.

2,147,970. Closing of valve bags. Du Bois Alfred (inventor). Issued 2-21-39.

2,147,989. Fuel injection apparatus for internal combustion engines. Puurmann Juri (inventor). Issued 2-21-39.

2,148,209. Method for the manufacture of superphosphates. Loiseau Henri et al, Cartigny Georges (inventors); Cie Nationale de Matieres Colorantes et Manufactures de Produits Chimiques du Nord Reunies Etablissements Kuhlmann (grantees). Issued 2-21-39.

2,148,267. Method of and apparatus for radio goniometric indication. Honore Etienne Augustin Henri (inventor). Issued 2-21-39.

2,148,642. Process for the manufacture of molds and cores for castings. Ricard Rene Francois Jules (inventor). Issued 2-28-39.

2,148,683. Radioactive article. Chabchay Alexander F Kagan also known as Alexandre Kagon Chabchay (inventor). Issued 2-28-39.

2,148,795. Flexible coupling. Barbarou Marius Jean Baptiste (inventor). Issued 2-28-39.

2,148,837. Progressive acting change speed gear for bicycles. Roes Georges (inventor). Issued 2-28-39.

2,148,930. Metallic sash for windows and like bays. Douzille Leon Charles Eugene (inventor). Issued 2-28-39.

2,148,940. Reinforced crossing of lines. Grand Jean Francois Eugene (inventor). Issued 2-28-39.

2,148,954. Electric tele indicator device. Methlin Nicolas Emilien (inventor); Schneider & Cie (grantee). Issued 2-28-39.

2,148,972. Operating mechanism for retractable members on board aircraft such as landing gears cupolas tanks etc. Waseige Charles Raymond (inventor); Air Equipment (grantee). Issued 2-28-39.

2,149,134. Permanent waving. Denis Marcel (inventor). Issued 2-28-39.

2,149,251. Electric flatiron with self acting safety device. Campana Georges (inventor). Issued 3-7-39.

2,149,319. Treatment of human hair. Soussa Edmond (inventor). Issued 3-7-39.

2,149,469. Timing and release mechanism for mechanical time fuses. Schenk Edouard H (inventor); Brandt Edgar (grantee). Issued 3-7-39.

2,149,470. Mechanical time fuse. Schenk Edouard H (inventor); Brandt Edgar (grantee). Issued 3-7-39.

2,149,504. Means and method of saturating transmission air Brunatto Emanuele (inventor). Issued 3-7-39.

2,149,510. Method and means for preventing deterioration of turbo machines. Darrieus Georges (inventor); Cie Electro Mecanique (grantee). Issued 3-7-39.

2,149,551. Apparatus for publicity. Robert Andre (inventor). Issued 3-7-39.

2,149,600. Pumping device in particular for volatile liquids. Guinard Paul Andre (inventor). Issued 3-7-39.

2,150,075. Regulating device for internal combustion engines supplied by fuel injection. Mennesson Marcel (inventor); S A Solex (grantee). Issued 3-7-39.

2,150,187. Hand driven weaving loom for home work. Raba Alice Henriques et al, Raba Georges Henriques (inventors). Issued 3-14-39.

2,150,361. Method of and apparatus for securing hollow bodies in holes in other bodies. Chobert Jacques Francois Gabriel (inventor). Issued 3-14-39.

2,150,843. Warp holder for hand driven weaving looms. Raba Alice Henriques et al, Raba Georges Henriques (inventors). Issued 3-14-39.

2,151,085. Needle weaving loom. Dewas Raymond (inventor). Issued 3-21-39.

2,151,280. Means for damping the vibrations of pipes. Rouy Auguste Louis Marie Antoine (inventor). Issued 3-21-39.

2,151,337. Musical instrument. Selmer Henri (inventor). Issued 3-21-39.

2,151,408. Method of recording and reproducing sound. Ricchiardi Pier Carlos (inventor). Issued 3-21-39.

2,151,584. Testing apparatus applicable mainly to parts of aircraft. Bugatti Jean (inventor). Issued 3-21-39.

2,151,606. Last for the manufacture of boots or the like. Lovaglio Giovanni (inventor). Issued 3-21-39.

2,151,742. Cinematographic projection apparatus. Cazes Paul Georges (inventor); Pathe Cinema Anciens Etablissements Pathe Freres (grantees). Issued 3-28-39.

2,151,832. Cam motion transmitting device. Bugatti Ettore (inventor). Issued 3-28-39.

2,151,833. Ball & socket joint. Bugatti Ettore (inventor). Issued 3-28-39.

2,151,834. Distribution control mechanism. Bugatti Ettore (inventor). Issued 3-28-39.

2,151,835. Reciprocating piston engine. Bugatti Ettore (inventor). Issued 3-28-39.

2,151,836. Boat. Bugatti Ettore (inventor). Issued 3-28-39.

2,151,853. Internal combustion engine. Jonville Charley et al, Ferlay Paul (inventors). Issued 3-28-39.

2,151,894. Apparatus for sorting household rubbish. Cambessedes Jean Etienne Felix (inventor). Issued 3-28-39.

2,151,899. Process for the production of colored picture films. Combes Maurice (inventor). Issued 3-28-39.

2,152,220. Drilling bucket hammer. Solomon Guillaume Jean (inventor). Issued 3-28-39.

2,152,406. Methods of pickling metals. Ducamp Albert Jean et al, Baule Marie Emile Alfred (inventors). Issued 3-28-39.

2,152,624. Intermittent film feed. Cazes Paul Georges (inventor); Pathe Cinema Anciens Etablissements Pathe Freres (grantees). Issued 4-4-39.

2,152,948. Devon made of soft material. Bocchino Roger Paul Alexandre (inventor). Issued 4-4-39.

2,152,972. Auto compressor. Pescara Raul Pateras (inventor). Issued 4-4-39.

2,152,974. Aerodynamic flap for slotted wings for aircraft. Riviere Henri (inventor); Cie Des Avions Hanriot (grantee). Issued 4-4-39.

2,152,979. Process and apparatus for regulating the feed of single tube boilers. Schwander Erwin Frederic (inventor); Soc D Etudes Des Vehicles Sev (grantee). Issued 4-4-39.

2,153,004. Clock so called mysterious small clock. Rodanet Charles Hilaire Henri (inventor); S A Etablissements Ed Jaeger (grantee). Issued 4-4-39.

2,153,073. Inspection door and like closure. Chobert Jacques Francois Gabriel (inventor). Issued 4-4-39.

2,153,090. Electric transformer for high tension. Libbe Alfred (inventor); S A Transformateurs De Mesure E Walter (grantee). Issued 4-4-39.

2,153,099. Elastic wing assemblage. Saives Leon (inventor); Renault Louis (grantee). Issued 4-4-39.

2,153,658. Process for the manufacture of hydrogen peroxide from barium dioxide and phosphoric acid. Budowski Issar (inventor); Cie Parisienne De Produits Chimiques (grantee). Issued 4-11-39.

2,153,709. Apparatus for establishing communications by means of light. Bournisien Jacques (inventor). Issued 4-11-39.

2,153,773. Compressor unit for refrigeration and other applications. Patrignani Leonida (inventor); Calatroni Edison (grantee). Issued 4-11-39.

2,153,926. Control valve for hydraulic change speed devices. Kegresse Adolphe (inventor). Issued 4-11-39.

2,154,174. Deformable self locking nut. Marchou Elie Raoul (inventor). Issued 4-11-39.

2,154,320. Pulverized fuel burner. Boudrant Robert Jean Charles (inventor); Soc D Electricite De Paris (grantee). Issued 4-11-39.

2,154,359. Device for balancing reciprocating engines. Sarazan Raoul Roland Raymond, Saint Prix France (inventors). Issued 4-11-39.

2,154,585. Machine for the treatment of photographic prints. Samandji Jacques (inventor). Issued 4-18-39.

2,154,701. Differential mechanism. Ruspoli Edmondo (inventor). Issued 4-18-39.

2,154,770. Firing regulator. Petter Charles Gabriel (inventor); S A Air Equipment (grantee). Issued 4-18-39.

2,154,848. Phonogram and means for moving same with reference to a stationary needle. Ionesco Jean (inventor). Issued 4-18-39.

2,154,868. Screen for the projection of images in relief. Saint Genies Anne Henri Jacques De Lassus (inventor). Issued 4-18-39.

2,154,986. Pump fire extinguisher. Mars Maurice (inventor). Issued 4-18-39.

2,155,002. Animated toy. Villemajane Jacques (inventor). Issued 4-18-39.

2,155,033. Picture reproducer. Barthelemy Rene (inventor); Cie Pour La Fabrication Des Compteurs Et Materiel D Usines A Gaz (grantee). Issued 4-18-39.

2,155,034. Photoelectric cell modulator. Barthelemy Rene (inventor); Cie Pour La Fabrication Des Compteurs Et Materiel D Usines A Gaz (grantee). Issued 4-18-39.

2,155,513. Hinge mechanism for the moving or control surfaces of aircraft. Tampier Rene (inventor). Issued 4-25-39.

2,156,398. Lubricant retaining device. Moreau Jules (inventor). Issued 5-2-39.

2,156,403. Lateral control surfaces of airplanes. Riviere Henri (inventor); Cie Des Avions Hanriot (grantee). Issued 5-2-39.

2,156,470. Distribution mechanism for machines of the piston type and especially steam engines. Bugatti Jean (inventor). Issued 5-2-39.

2,156,484. Device for imparting impulses to a system. Sarazin Raoul Roland Raymond (inventor). Issued 5-2-39.

2,157,260. Process for the preparation of potassium nitrate. Dessevre Jean, Durepaire Louis, Quanquin Bernard et al (inventors). Issued 5-9-39.

2,157,277. Brake. Bertrand Lucien (inventor); S A Francaise Du Ferodo (grantee). Issued 5-9-39.

2,157,281. Propelling device. Coanda Henri (inventor); S A D Etudes Des Brevets Et Procedes Coanda Soc Coanda (grantee). Issued 5-9-39.

2,157,366. Closed body for automotive vehicles. Vigroux Joseph Jean Pierre (inventor). Issued 5-9-39.

2,157,431. Monoazo dyes of the xanthone series and process of making them. Petitcolas Pierre (inventor); Cie Nationale De Matieres Colorantes Et Manufactures De Produits Chimiques Du Nord Reunies Etablissements Kuhlmann (grantee). Issued 5-9-39.

2,157,495. Permit mailing and stamping machine. Nilsson Robert Severin (inventor); S A Des Etablissements Cuttat (grantee). Issued 5-9-39.

2,157,778. Dispensing device. Tourot Emma Elisa (inventor). Issued 5-9-39.

2,157,783. Folding hood for automobile vehicles or the like. Bessonneau Maurice (inventor). Issued 5-9-39.

2,158,040. Process for hydrogenation of ketones. Blumenfeld Joseph (inventor). Issued 5-9-39.

2,158,405. Device for rendering visible invisible rays. Coanda Henri (inventor); S A D Etudes Des Brevets Et Procedes Coanda Soc Coanda (grantee). Issued 5-16-39.

2,158,457. Vehicle for mixed propulsion by wheels and endless tracks. Kegresse Adolphe (inventor). Issued 5-16-39.

2,158,642. Apparatus for correcting the defects of accommodation of the eye. Tartrais Eugene Henri (inventor). Issued 5-16-39.

2,158,764. Stethoscope. Silka Silvio (inventor). Issued 5-16-39.

2,158,890. Connection device. Antelme Louis Xavier (inventor). Issued 5-16-39.

2,159,173. Carburetor for internal combustion engines. Mennesson Marcel (inventor); S A Solex (grantee). Issued 5-23-39.

2,159,281. Method and plant for the hydrogenation of carbonaceous substances containing sulphur. Marecaux Paul (inventor). Issued 5-23-39.

2,159,420. Apparatus for color cinematography. Blondel Andre (inventor). Issued 5-23-39.

2,159,683. Process for the production of photographic pictures in natural colors in accordance with the three color principle. Beauvais Marcelle (inventor); Papadakis Simeon (grantee). Issued 5-23-39.

2,159,855. Shock absorber. Lauguadin Eugene Jules (inventor). Issued 5-23-39.

2,159,864. Manufacture of copper acetoarsenite or schweinfurt green. Serciron Marcel (inventor). Issued 5-23-39.

2,160,202. Range finding and fire correction sighting device. Fieux Jean (inventor); Schneider and Cie (grantee). Issued 5-30-39.

2,160,252. Method and apparatus for the elimination of defects in sound tracks. Meyer Raymond (inventor); Pathe Cinema Anciens Etablissements Pathe Freres (grantees). Issued 5-30-39.

2,160,340. Method and device for obtaining or reproducing color photographs. Nordmann Charles (inventor). Issued 5-30-39.

2,160,406. Product for inhibiting the attack on metals by acids or salts and its applications. Mascre Jacques Edouard Julien Georges (inventors); Etablissements Lambiotte Freres (grantee). Issued 5-30-39.

2,160,442. Molded artificial fuel. Piou de Sainte Gilles Gaston, Oscar Frederic Saget Jean Guillaume Yves (inventors). Issued 5-30-39.

2,160,541. Elastic system. Dubonnet Andre (inventor). Issued 5-30-39.

2,160,553. Centrifugal governor. Martinotti Pietro (inventor). Issued 5-30-39.

2,160,716. Diaphragm for lenticulated films. Blondel Andre (inventor). Issued 5-30-39.

2,160,742. Tube rolling mill. Landrieu Max (inventor); S A D Escaut and Meuse (grantee). Issued 5-30-39.

2,160,779. Concordance restoring system for distant control means. Granat Elie (inventor); Cie des Forges et Acieries de la Marine et D Homecourt (grantee). Issued 5-30-39.

2,161,017. Hat brim curling machine. Casse Marcel (inventor). Issued 6-6-39.

2,161,081. Automatic bomb releasing device. Ovtschinnikoff Alexandre (inventor). Issued 6-6-39.

2,161,082. Bomb suspension. Ovtschinnikoff Alexandre (inventor). Issued 6-6-39.
2,161,374. Motor pump or electric generator. Moineau Rene Joseph Louis (inventor). Issued 6-6-39.
2,161,464. Securing device. Gilbert Gustave Francois Leon (inventor). Issued 6-6-39.
2,161,536. Navigating instrument. (Sordoillet Pierre (inventor). Issued 6-6-39.
2,161,781. Electric heating plate. Challet Etienne (inventor). Issued 6-13-39.
2,161,790. Electrode for vacuum tubes. Abadie Jean Baptiste Joseph Marcel (inventor); Lumineles Soc a Responsabilite Limitee (grantee). Issued 6-13-39.
2,162,942. Process for the preparation of magnesium by the electrolysis of its fused chloride. De Rohden Charles (inventor). Issued 6-20-39.
2,163,183. Weighing apparatus. Baagoe Anthon Johannes (inventor). Issued 6-20-39.
2,163,188. Remotely controlled luminous exhibitor. Bosche Andre (inventor). Issued 6-20-39.
2,163,202. Hydraulic change gear device for automobile vehicles. Kegresse Adolphe (inventor). Issued 6-20-39.
2,163,203. Hydraulic supply of rotating systems. Kegresse Adolphe (inventor). Issued 6-20-39.
2,163,289. Sponge rubber coated fabric and method of manufacturing the same. Pennel Jean, Flipo Joseph et al (inventors). Issued 6-20-39.
2,163,457. Electric heating plate. Challet Etienne (inventor). Issued 6-20-39.
2,163,731. Automatic regulating device for brakes. Hallot Paul (inventor). Issued 6-27-39.
2,163,746. Apparatus for marking the position of a vehicle on a map. Courtois Suffit Roger, Maurice Robert, Tailleferre Henri Eugene et al (inventors). Issued 6-27-39.
2,163,826. Coupling device intended especially for railroad vehicles. Bugatti Ettore (inventor). Issued 6-27-39.
2,163,847. Impact indicator. Perrey Marcel Augustin Leon (inventor); S A des Hauts Fourneaux de la Chiers (grantee). Issued 6-27-39.
2,163,929. Control of the sleeve valves of engines. Barbarou Marius Jean Baptiste (inventor). Issued 6-27-39.
2,163,975. Control mechanism for change speed gears of motor vehicles and the like. Delmas Robert Louis (inventor). Issued 6-27-39.
2,164,046. Machine to punch electric sign tape or the like. Zuckermann Armand et al, called Armand Zouckermann Renard Adolphe Julien Emile (inventors); Soc a Responsabilite Limitee Luminograph (grantees). Issued 6-27-39.
2,164,139. Optical balance. Luteraan Philip (inventor). Issued 6-27-39.
2,164,243. Liquid level gauge. Hubbard Michael Edmund. Issued 6-27-39.
2,164,418. Means for treating hard surfaces Monnet Georges (inventor); S A des Manufactures des Glaces & Produits Chimiques de Sainte Gobain Chauny & Cirey (grantees). Issued 7-4-39.
2,164,562. Extensible jewel. Bezault Georges Albert Julien (inventor); Cartier S A (grantee). Issued 7-4-39.
2,164,681. Metallic plate element for building parts. Fould Maurice (inventor); Forges de Strasbourg S A (grantee). Issued 7-4-39.
2,164,704. Method of manufacture of a parachute surface. Ferrari Andre (inventor). Issued 7-4-39.
2,165,604. Device for filling small containers. Abel Eugene (inventor). Issued 7-11-39.
2,165,647. Automatic linear dimension gauge. Oehmichen Etienne Edmond (inventor). Issued 7-11-39.
2,166,020. Apparatus for dressing the grinding wheels used for gearing. Philippe Maurice Germain Edmond (inventor); Soc Dite la Bougie B G (grantee). Issued 7-11-39.
2,166,036. Signboard with removable letters. Bertoye Louis (inventor); Soc Fonciere Industrielle et Commerciale (grantees). Issued 7-11-39.
2,166,038. Manufacture of board strengthened coverings. Chambon Henri (inventor); S A des Anciens Etablissements L Chambon (grantees). Issued 7-11-39.
2,166,050. Artificial minnow. Gasque Paul Emile (inventor). Issued 7-11-39.
2,166,053. Device for the drawing upon forms of articles to be finished such as stockings and other hosiery goods. Heliot Leon Pierre (inventor). Issued 7-11-39.
2,166,079. Method and apparatus for the mechanical recording of sound oscillations. Ricchiardi Pier Carlo (inventor); Soc Reterson Holding (grantee). Issued 7-11-39.
2,166,258. Reversible top for camera stands. Matrat Gabriel (inventor). Issued 7-18-39.
2,166,681. Diazoamino compounds. Fierz David Hans Eduard et al, Stoll Willy Gerhard (inventors); Cie Nationale de Matieres Colorantes et Manufactures de Produits Chimiques du Nord Reunies Etablissements Kuhlmann (grantees). Issued 7-18-39.
2,166,702. Process for the preparation of oxygen containing compounds of cerium. Blumenfeld Joseph (inventor); Soc de Produits Chimiques des Terres Rares (grantees). Issued 7-18-39.
2,166,772. Atomizer for liquids. Salsas Serra Francisco (inventor). Issued 7-18-39.
2,166,857. Lubricating device. Bugatti Jean (inventor). Issued 7-18-39.
2,166,858. Railway truck. Bugatti Ettore (inventor). Issued 7-18-39.
2,167,081. Device for the continuous determination and recording of the cant of a railway track. Mauzin Andre Ernest (inventor). Issued 7-25-39.
2,167,118. Clutch control. Lanser Alfred Henri (inventor). Issued 7-25-39.
2,167,269. Ignition device for engines. Svistounoff Boris (inventor). Issued 7-25-39.
2,167,290. Apparatus for the manufacture of glassware. Boudin Louis (inventor); S A des Manufactures des Glaces and Produits Chimiques de Saint Gobain Chauny and Cirey (grantees). Issued 7-25-39.
2,167,318. Method and means for shaping glass. Verlay Achille (inventor); S A des Manufactures des Glaces and Produits Chimiques de Saint Gobain Chauny and Cirey (grantees). Issued 7-25-39.
2,167,374. Switch unit. Rodanet Charles Hilaire Henri (inventor); S A Etablissements Ed Jaeger (grantees). Issued 7-25-39.
2,167,403. Spring suspension for motor vehicles and the like. Guerard Georges (inventor); S A Dite Etablissements Laffly (grantee). Issued 7-25-39.
2,167,554. Process for the electric welding of tube. Sciaky David (inventor). Issued 7-25-39.
2,167,561. Aircraft turret. Amiot Felix (inventor). Issued 7-25-39.
2,167,813. Process for patinating wood and other vegetable materials. Platrou Eugene (inventor). Issued 8-1-39.
2,168,108. Automobile vehicle. Bunau Varilla Guy (inventor). Issued 8-1-39.
2,168,112. Magnetic compass. Benard Jacques Alfred Victor (inventor). Issued 8-1-39.
2,168,114. Remote control for automatic firearms. Boussel Andre (inventor); S A des Anciens Etablissements Hotchkiss & Cie (grantees). Issued 8-1-39.
2,168,117. Apparatus for controlling liquid levels. Danel Pierre Francois (inventor); Ateliers Neyret Beyler & Piccard Pictet (grantees). Issued 8-1-39.
2,168,128. Portable derrick. Kervarrec Bernard (inventor). Issued 8-1-39.
2,168,187. Apparatus for forming gas liquid emulsions. Auger Adrien (inventor); Soc A Responsabilite Limitee Osmo (grantee). Issued 8-1-39.
2,168,487. Episcopic apparatus. Mestre Louis Nicolas (inventor); Anciens Etablissements Barbier Benard & Turenne (grantees). Issued 8-8-39.
2,168,508. Relaxation oscillation generator. Barthelemy Rene (inventor); Cie Pour la Fabrication des Compteurs et Materiel d'Usines A Gaz (grantees). Issued 8-8-39.
2,168,715. Servo clutch. Peyruqueou Pierre Felix (inventor); S A des Freins Bendix (grantees). Issued 8-8-39.
2,168,829. Free piston machine. Pescara Raul Pateras (inventor). Issued 8-8-39.
2,168,845. Vehicle brake. Nicolet Victor et al, Rousselet Robert (inventors). Issued 8-8-39.
2,169,162. Azo dyestuffs and process for the manufacture thereof. Petitcolas Pierre (inventor); Cie Nationale de Matieres Colorantes et Manufactures de Produits Chimiques du Nord Reunies Etablissements Kuhlman (grantees). Issued 8-8-39.
2,169,519. Device for regulating the action of brakes. Briand Henry (inventor). Issued 8-15-39.
2,169,523. Planetary transmission system. Fleischel Gaston (inventor). Issued 8-15-39.
2,169,581. Tooth brush. Dadian Meguerditch (inventor). Issued 8-15-39.
2,169,647. Motored clock. Jarry Albert Gaston (inventor). Issued 8-15-39.
2,169,806. Auscultation microphone. Lian Camille et al, Minot Georges (inventors). Issued 8-15-39.
2,169,822. Transmission device. Armstrong Taylor Duncan (inventor). Issued 8-15-39.
2,169,933. Duplicating machine. Terrier Felix et al, Adam Marcel (inventors). Issued 8-15-39.
2,170,443. Mounting of cylinders in motors. Barbarou Marius Jean Baptiste (inventor). Issued 8-22-39.
2,170,444. Two speed step up gear with hydraulic control. Barbarou Marius Jean Baptiste (inventor). Issued 8-22-39.
2,170,477. High speed motor operating with heavy liquid fuel. Lemasson Roger Pierre Felix (inventor). Issued 8-22-39.
2,170,484. Heat interchanger. Prat Emile (inventor). Issued 8-22-39.
2,171,472. Moving picture camera. Dalotel Maurice Albert (inventor); Mathot Suzanne Rosalie (grantee). Issued 8-29-39.
2,171,742. Printing machine for cylindrical objects. Dombre Jean Pierre Paul (inventor) Issued 9-5-39.
2,171,904. Chassis for motor cars. Barenyi Bela Viktor (inventor); Soc de Progres Technique (grantee). Issued 9-5-39.
2,172,032. Gear wheel grinding apparatus. Philippe Maurice Germain Edmond (inventor); Soc Dite la Bougie B G (grantee). Issued 9-5-39.
2,172,035. Apparatus for the saturation of liquids by gas. Roth Roger Eugene (inventor); Soc d'Etude Pour l'Acide Carbonique (grantees). Issued 9-5-39.
2,172,133. Separator. Thuillard Leon (inventor). Issued 9-5-39.
2,172,299. Apparatus for automatically regulating the evacuation of heavy products. Spinetta Dominique (inventor); Preparation Industrielle des Combustibles (grantees). Issued 9-5-39.
2,172,491. Covering for printing rollers. Auvray Gustave (inventor). Issued 9-12-39.
2,172,499. Constitution and manufacture of stuffing and padding pieces for garments or the like. Chassaing Francois (inventor). Issued 9-12-39.
2,172,694. Aneroid altimetric device with a high amplitude for aircraft. Blondelle Roger (inventor). Issued 9-12-39.

2,172,703. Method of constructing reinforced concrete monolithic structures. Freyssinet Eugene (inventor). Issued 9-12-39.
2,172,706. Suspension of vibrating bodies. Julien Maurice Francois Alexandre (inventor). Issued 9-12-39.
2,172,707. Resilient coupling. Julien Maurice Francois Alexandre (inventor). Issued 9-12-39.
2,172,807. Artificial fur. Romane Georges (inventor). Issued 9-12-39.
2,173,009. Electromechanical control device for lathes and other machine tools. Cotal Jean (inventor). Issued 9-12-39.
2,173,042. Multiple screw driver. Picard Pierre (inventor). Issued 9-12-39.
2,173,549. Silencer for engines. Coanda Henri (inventor). Issued 9-19-39.
2,173,550. Exhaust of gases from engines. Coanda Henri (inventor). Issued 9-19-39.
2,173,583. Press & method of pressing. Forichon Gaston Sebastien (inventor). Issued 9-19-39.
2,173,775. Knitted sheath or corset & process for the manufacture of the same. Boudios Edmond (inventor); Etablissements Boudios (grantee). Issued 9-19-39.
2,173,781. Fabric for masks & protective clothing. Gibello Henri (inventor); Soc Nobel Francaise (grantee). Issued 9-19-39.
2,174,134. Sorting machine. Momon Louis (inventor); Soc Industrielle D Instruments de Precision (grantee). Issued 9-26-39.
2,174,201. Filing system. Chauvin Andre (inventor). Issued 9-26-39.
2,174,225. Stabilizing device. Gianoli Marcel Louis (inventor). Issued 9-26-39.
2,174,348. Apparatus for the automatic unclogging of hoppers. Damond Emile (inventor). Issued 9-26-39.
2,174,373. Fastening device. Baillod Marcel Known As Cerny (inventor). Issued 9-26-39.
2,174,434. Bed for invalids. Beaufour Robert Emile (inventor). Issued 9-26-39.
2,174,846. Safety device for automobile vehicles. Soulat Georges (inventor). Issued 10-3-39.
2,175,039. Transformer with a closed magnetic circuit. Soulary Pierre (inventor); L Air Liquide S A Pour L Etude et L Exploitation des Procedes Georges Claude (grantee). Issued 10-3-39.
2,175,130. Tube for fluid or semifluid substances. Sabattier Charles Felix Georges (inventor). Issued 10-3-39.
2,175,132. Preparation of metallic and ammonium sulphates. Serciron Marcel (inventor). Issued 10-3-39.
2,175,236. Method of preparing an alloy having artificial radio activity. Yadoff Oleg (inventor). Issued 10-10-39.
2,175,302. Closure mechanism. Muller Jacques (inventor). Issued 10-10-39.
2,175,303. Portable filling device. Muller Jacques (inventor). Issued 10-10-39.
2,175,304. Liquid transfer mechanism. Muller Jacques (inventor). Issued 10-10-39.
2,175,515. Coupling device for railway vehicles. Bugatti Ettore (inventor). Issued 10-10-39.
2,175,516. Suspension device. Bugatti Jean (inventor). Issued 10-10-39.
2,175,518. Photographic objective of high luminosity. Djian Georges Felix (inventor). Issued 10-10-39.
2,175,530. Printing device particularly for tabulating machines controlled by record cards or bands. Knutsen Knut Andreas (inventor). Issued 10-10-39.
2,175,582. Cathode ray oscillograph. Vogel Theodore Mathieu et al, Traverse Paul (inventors); Cie Pour la Fabrication des Compteurs et Materiel D Usines A Gaz (grantee). Issued 10-10-39.
2,175,832. Heating apparatus. Demarcay Philippe Charles Louis (inventor). Issued 10-10-39.
2,175,879. Treatment of aqueous solutions of acetic acid. Coutor Charles Jean Louis (inventor); S A Etablissements Lambiotte Freres (grantee). Issued 10-10-39.
2,176,168. Frequency modulated signal. De Bellescize Henri Jean Joseph, Marie De Regnauld (inventors). Issued 10-17-39.
2,177,428. Control device for variable ratio transmissions. Fleischel Gaston (inventor). Issued 10-24-39.
2,177,567. Method of fixing fastening pieces to metallic cables. Imbault Georges (inventor). Issued 10-24-39.
2,177,798. Airfoil used in aeronautics. Bechereau Louis (inventor). Issued 10-31-39.
2,177,803. Agricultural machine. Ferte Andre Marie Auguste et al, Balp Andre (inventors). Issued 10-31-39.
2,177,814. Measuring and computing device. Sordoillet Pierre (inventor). Issued 10-31-39.
2,177,858. Apparatus for exciting luminous tubes. Bethenod Joseph (inventor); S A Pour Les Applications de L Electricite et des Gaz Rares Etablissements Claude Paz & Silva (grantee). Issued 10-31-39.
2,177,859. Reinforced concrete tank. Brice Louis Pierre (inventor); S A La Parvi Hydraulique (grantee). Issued 10-31-39.
2,177,876. Kinetic energy indicator for impact testing apparatus. Perrey Marcel Augustin Leon (inventor); S A des Hauts Fourneaux de la Chiers (grantee). Issued 10-31-39.
2,177,887. Apparatus for shielding a body from fluid currents. Huet Andre (inventor). Issued 10-31-39.
2,177,895. Electric gaseous discharge device. Lecorguillier Jean (inventor); S A Pour les Applications de L Electricite et des Gaz Rares Etablissements Claude Paz & Silva (grantee). Issued 10-31-39.
2,177,908. Device for controlling the content of a carbureted mixture. Muselier Bernard Gabriel Marie (inventor). Issued 10-31-39.
2,178,311. Free piston engine. Pescara Raul Pateras (inventor). Issued 10-31-39.
2,178,332. Shock absorber for vehicles. Beurdeley Andre (inventor). Issued 10-31-39.
2,178,627. Drafting mechanism. Devaux Paul (inventor). Issued 11-7-39.
2,179,030. Multicylinder engine. Bugatti Jean (inventor). Issued 11-7-39.
2,179,112. Amplifier for electrons. Barthelemy Rene (inventor); Cie Pour la Fabrication des Compteurs et Materiel D Usines A Gaz (grantee). Issued 11-7-39.
2,179,205. Television receiving apparatus. Toulon Pierre Marie Gabriel (inventor). Issued 11-7-39.
2,179,706. Sleeve valve engine. Barbarou Marius Jean Baptiste (inventor). Issued 11-14-39.
2,179,881. Method and device for making articles consisting of a band of the helical type. Du Boscq de Beaumont Henry Martial Emile (inventors). Issued 11-14-39.
2,179,894. Means for checking flame projection from incandescent gas discharge conduits. Malczewski Jeremi (inventor); Soc Bronzavia (grantee). Issued 11-14-39.
2,179,905. Calculating device. Thiboust Lucien (inventor). Issued 11-14-39.
2,179,923. Disk differential. De Lavaud Dimitri Sensaud (inventor). Issued 11-14-39.
2,180,030. Bolt. Bugatti Ettore (inventor). Issued 11-14-39.
2,180,036. Airship and process for sustaining the same. Dardel Aime Joseph (inventor). Issued 11-14-39.
2,180,041. Tunnel kiln. Durieux Jules Joseph (inventor). Issued 11-14-39.
2,180,043. Gyroscope. Fieux Jean (inventor); Schneider & Cie (grantee). Issued 11-14-39.
2,180,668. Process for the electrolytic preparation of oxychlorine salts. Delavenna Lucien et al, Maillard Jean (inventors). Issued 11-21-39.
2,180,671. Planetary transmission system. Fleischel Gaston (inventor). Issued 11-21-39.
2,181,346. Musical instrument. Selmer Henri (inventor). Issued 11-28-39.
2,181,498. Fastening device. Wahl Adalbert (inventor). Issued 11-28-39.
2,181,720. Television receiver. Barthelemy Rene (inventor); Cie Pour la Fabrication des Compteurs et Materiel d Usines a Gaz (grantee). Issued 11-28-39.
2,181,868. Valve sealing means for engines. Cantoni Humbert Denis Jean (inventor). Issued 12-5-39.
2,181,985. Aerial propeller with variable pitch. Waseige Charles Raymond (inventor). Issued 12-5-39.
2,182,038. Make and break device. Soulat Georges (inventor). Issued 12-5-39.
2,182,049. Hydraulic clutch and power transmission device. Henry Francois Joseph Georges (inventor). Issued 12-5-39.
2,182,054. Air cooled engine on aircraft. Richard Paul Aime (inventor). Issued 12-5-39.
2,182,136. Electrical sound recording. Ricchiardi Pier Carlo (inventor). Issued 12-5-39.
2,182,291. Binding medium. Fleuret Andre Michel (inventor); Etablissements Rouzaud and Fils (grantee). Issued 12-5-39.
2,182,295. Automatic variable output feeder for shaped knitted articles. Lebocey Gaston (inventor). Issued 12-5-39.
2,182,554. Brake adjustment indicating device. Galle Jean Baptiste Paul Henri (inventor). Issued 12-5-39.
2,182,571. Safety razor. Savary Jean Baptiste Raoul (inventor). Issued 12-5-39.
2,182,610. Manufacture of velvet woven in double piece. Calonnier Maurice (inventor). Issued 12-5-39.
2,182,722. Gun turret for aircraft. De Gavardie Pierre Henry Edmond (inventor). Issued 12-5-39.
2,183,193. Change speed gear. Husson Marie Emile Louis Jules (inventor). Issued 12-12-39.
2,183,304. Apparatus for forming extrusion containers. Davis Charles (inventor). Issued 12-12-39.
2,183,305. Method of obtaining color photographs. De Lassus Saint Genies Anne Henri Jacques (inventor). Issued 12-12-39.
2,183,462. Lighting system. Mestre Louis Nicolas (inventor); Anciens Etablissements Barbier Benard & Turenne (grantee). Issued 12-12-39.
2,183,467. Device for balancing alternating machines. Sarazin Raoul Roland Raymond (inventor). Issued 12-12-39.
2,184,033. Centrifuge for chemical reactions. Argant Henri et al, Chanay Henry, Robatel Georges (inventors); S A Ateliers Robatel and Buffaud, S A Compagnie Nationale de Matieres Colorantes et Manufactures de Produits Chimiques du Nord Reunies Etablissements Kuhlmann (grantees). Issued 12-19-39.
2,184,606. Hydraulic power transmission. De Lavaud Dimitri Sensaud (inventor). Issued 12-26-39.
2,184,716. Method of making an alloy. Hermsen Wilhelmus et al, Delves Francis Joseph (inventors). Issued 12-26-39.
2,184,719. Mill for grinding pepper salt sugar coffee and the like. Mantelet Jean (inventor); Mantelet & Boucher Soc en Nom Collectif (grantee). Issued 12-26-39.
2,184,908. Device for regulating the temperature of metal cylinders. Do Huu Chan Andre (inventor); S A des Manufactures des Glaces and Produits Chimiques de Saint Gobain Chauny & Cirey (grantee). Issued 12-26-39.
2,185,160. Device for actuating the controls on aircraft. Tampier Rene (inventor). Issued 12-26-39.

2,185,489. Muffler. Wilman Zygmunt (inventor). Issued 1-2-40.
2,185,549. Method of generating a combustible gas mixture. Gault Henry (inventor). Issued 1-2-40.
2,185,581. Disappearing hood for motor vehicles. Bessonneau Maurice (inventor). Issued 1-2-40.
2,185,679. Arc lamp cathodes. Parisot Jean (inventor); Soc le Carbone Lorraine (grantee). Issued 1-2-40.
2,186,558. Aircraft. Rouanet Roger Leger Marie et al, Fernand, Rey Francois Victor Andre Joseph (inventors). Issued 1-9-40.
2,186,680. Vacuum heating system. Lavergne Jean (inventor); Autocalor S A (grantee). Issued 1-9-40.
2,187,342. Exhaust of gases from engines. Coanda Henri (inventor). Issued 1-16-40.
2,187,344. Weft inserting device for weaving looms having a continuous weft supply. Dewas Raymond (inventor). Issued 1-16-40.
2,187,357. Method of preserving yeast. Matti Jean Christian (inventor); Cie Internationale de Procedes de Panification Itam (grantee). Issued 1-16-40.
2,187,364. Variable pitch airscrew. Ratie Pierre Paul (inventor); Ratie Paulin Jean Pierre (grantee). Issued 1-16-40.
2,187,706. Power transmitting coupling. Julien Maurice Francois Alexandre (inventor). Issued 1-16-40.
2,187,937. Hydraulic device for transmitting movement. De Lavaud Robert Sensaud (inventor); De Lavaud Dimitri Sensaud (grantee). Issued 1-23-40.
2,188,019. Apparatus for copying lenticular films by projection. St Genies Anne Henri Jacques de Lasus (inventor). Issued 1-23-40.
2,188,244. Pyridine carboxylic acid morpholides. Langlois Gilbert Auguste et al, Deloison Auguste Marius (inventors); Fabriques de Produits de Chimie Organique de Laire. Issued 1-23-40.
2,188,945. Double walled electric incandescent lamp. Gomonet Edouard (inventor); S A Pour les Applications de l Electricite et des Gaz Rares Etablissements Claude Paz et Silva (grantee). Issued 2-6-40.
2,189,488. Process of separation by floating of ammonium chloride from its mixture with alkaline salts. Dessevre Jean (inventor). Issued 2-6-40.
2,189,497. Free piston machine. Pescara Raul Pateras (inventor). Issued 2-6-40.
2,189,498. Metal cartridge for shotguns. Spengler Jules (inventor). Issued 2-6-40.
2,189,522. Production of polyazo dyestuffs and new industrial products resulting therefrom. Kopp Georges, et al, Gangneux Rene (inventors); Cie Nationale de Matieres Colorantes, Et Manufactures de Produits, Chimiques du Nord Reunies, Etablissements Kuhlmann (grantee). Issued 2-6-40.
2,189,846. Automatic relay control system. Andre Valtat Raymond Louis Andre (inventor); Augier Queyras Jean Francois (grantee). Issued 2-13-40.
2,189,857. Psychrometric apparatus for direct reading of humidity. Crapez Jules (inventor). Issued 2-13-40.
2,189,976. Rotary engine. De Lavaud Dimitri Sensaud (inventor). Issued 2-13-40.
2,189,991. Apparatus for closing tanks. Muller Jacques (inventor). Issued 2-13-40.
2,190,014. Filter pack. Colas Jacques (inventor); Soc. Alfa, Colas Louis, Colas Andre (grantees). Issued 2-13-40.
2,190,051. Fuel injection. Tuscher Jean Edouard (inventor). Issued 2-13-40.
2,190,326. Apparatus for projection of molten pulverized bodies. Benoit Francois Philippe Charles (inventor). Issued 2-13-40.
2,190,397. Vehicle. Bugatti Ettore (inventor). Issued 2-13-40.
2,190,398. Reel for fishing. Bugatti Ettore (inventor). Issued 2-13-40.
2,190,409. Nonraveling knitted fabric. Maier Karl (inventor). Issued 2-13-40.
2,190,722. Machine for shaping wires which are intended for binding perforated leaflets. Martin Andre Lucien (inventor). Issued 2-20-40.
2,190,744. Process for forming slivers from coconut fibers. Van der Jagt Barend Glisbertus Hendrikus (inventor). Issued 2-20-40.
2,191,617. Grinding machine. Koster Paul (inventor). Issued 2-27-40.
2,191,648. Recoil absorber for firearms. Galliot Norbert Jules Andre et al, Chable Jeanne Adrienne Victorine Anna (inventors). Issued 2-27-40.
2,191,789. Machine for the molding or casting under pressure of metals. De Sternberg Jaime (inventor). Issued 2-27-40.
2,191,843. Grain sorting machine. Bloc Frederic Bertrand (inventor); Soc. de Anciens Etablissements Lhuillier (grantee). Issued 2-27-40.
2,191,849. Box shaped spool for films. Debrie Andre Leon Victor Clement (inventor). Issued 2-27-40.
2,191,850. Film developing machine. Debrie Andre Leon Victor Clement (inventor). Issued 2-27-40.
2,191,862. System for analyzing vibrations. Sarazin Raoul Roland Raymond (inventor). Issued 2-27-40.
2,191,950. Tractor wheel. Bernardon Marcellin Eugene Rene (inventor); S. A. des Pneumatiques Dunlop (grantee). Issued 2-27-40.
2,192,075. Motor vehicle and its manufacture. Gregoire Jean Albert (inventor). Issued 2-27-40.
2,192,271. Azo dyestuffs. Mirocourt Henry, et al, Jirou Marcel Georges (inventors); Cie Nationale de Matieres Colorantes et Manufactures de Produits Chimiques du Nord Reunies Etablissements Kuhlmann (grantee). Issued 3-5-40.
2,192,530. Tap. Tottereau Andre (inventor). Issued 3-5-40.
2,192,728. Needle for weaving looms. Dewas Raymond (inventor). Issued 3-5-40.
2,192,871. Means for controlling the movements of ailerons rudders and elevators of aircraft. Tampier Rene (inventor). Issued 3-5-40.
2,192,872. Means for controlling the moving surfaces of aircraft. Tampier Rene (inventor). Issued 3-5-40.
2,193,365. Pouring nozzle. Cantoni Rene (inventor); Soc D Electrochimie D Electrometallurgie et des Acieries Electriques D Ugine (grantee). Issued 3-12-40.
2,193,526. Racket for tennis and like games. Aubert Emile Henri (inventor); Soc Pour la Realisation et L Exploitation D Inventions Mecaniques Reim (grantee). Issued 3-12-40.
2,193,616. Screw propeller. Baumann Werner (inventor). Issued 3-12-40.
2,194,689. Writing pen. Chouffet Pierre (inventor). Issued 3-26-40.
2,194,872. Manufacture of cylinders & cooling jackets of internal combustion engines. Salves Leon (inventor); Renault Louis (grantee). Issued 3-26-40.
2,194,950. Crossing motion pirn winding machine. Miesch Camille (inventor); Etablissements Weco S A R L (grantee). Issued 3-26-40.
2,194,954. Speed changing device. Ravigneaux Pol (inventor). Issued 3-26-40.
2,194,965. Process for the manufacture of complex silicon alloys. Andrieux Jean Lucien (inventor); Soc D Electrochimie D Electrometallurgie et des Acieries, Electriques D Ugine (grantee). Issued 3-26-40.
2,194,994. Solvents for the condensation products of polyvinyl alcohols & aldehydes. Belloc Maurice (inventor); Soc Nobel Francaise (grantee). Issued 3-26-40.
2,195,011. Process for the manufacture of water insoluble dyestuffs & products obtained therefrom. Petitcolas Pierre, et al, Goupil Rene, Frenkiel Joseph, Senti Rudolf (inventors); Cie Nationale de Matieres Colorantes et Manufactures de Produits Chimiques du Nord Reunies Etablissements Kuhlmann (grantee). Issued 3-26-40.
2,195,025. Gas turbine. Couzinet Rene Alexandre Arthur (inventor). Issued 3-26-40.
2,195,082. Two stage compression internal combustion engine. Dugelay Paul (inventor); Soc D Exploitation de Brevets Pour L Industrie L Aviation et L Automobile Sebia (grantee). Issued 3-26-40.
2,195,152. Adjustment of the amplification of amplifiers. Roux Bernard, et al, Sollima Mario, Gamzon Robert (inventors). Issued 3-26-40.
2,195,171. Process for extinguishing an incendiary body. Herbline Celestin Leon (inventor). Issued 3-26-40.
2,195,239. Process for the manufacture of artificial leather & parchment & products obtained thereby. Champsaur Luciene Marie Charles (inventor). Issued 3-26-40.
2,195,268. Film magazine for cinematographic cameras. Cazes Paul Georges (inventor); Pathe Cinema Anciens Etablissements, Pathe Freres (grantees). Issued 3-26-40.
2,195,563. Device for protection against poison gases. Granger Louis Fils (inventor). Issued 4-2-40.
2,195,783. Gear box with free wheeling gear. Ravigneaux Pol (inventor). Issued 4-2-40.
2,195,935. Sterilizing device. Nuyts Georges Alfred Hippolyte (inventor); S A Dentclair (grantee). Issued 4-2-40.
2,195,946. Liquid fuel injection pump for internal combustion engines of the Diesel type. Uccusic Karl et al, Hearley Clarence A (inventors). Issued 4-2-40.
2,196,161. Protecting magnesium and its alloys. Frasch Jean (inventor); Fratkine Samuel (grantee). Issued 4-2-40.
2,196,217. Method of making boats. Latty Marcel Victor Joseph (inventor). Issued 4-9-40.
2,196,340. Aircraft engines. Seligman Roger Adolphe Leonard (inventor). Issued 4-9-40.
2,196,346. Automatic servo braking for motor vehicles. Vau Jean Baptiste Paul (inventor). Issued 4-9-40.
2,196,435. Printing composition. Belloc Maurice (inventor); Soc Nobel Francaise (grantee). Issued 4-9-40.
2,196,548. Highway lighting apparatus. Cohu Merry et al, Trequigneaux Alfred (inventors); S A Des Anciens Etablissements, Saunier Duval Frisquet (grantees). Issued 4-9-40.
2,196,554. Process for the manufacture of primary hydroxyalkylamines. Guinot Henri Martin (inventor); Les Usines De Melle (grantee). Issued 4-9-40.
2,196,643. Plant for freezing and storing fish on ships. Reeh Johannes (inventor). Issued 4-9-40.
2,196,782. Stamping machine. Saives Leon (inventor); Renault Louis (grantee). Issued 4-9-40.
2,196,792. Automatic machine for applying stamps or the like. Gasca Albin (inventor). Issued 4-9-40.
2,197,301. Variable speed and automatically driven transmission. Fleischel Gaston (inventor). Issued 4-16-40.
2,197,441. Hydraulic press. Perony Jean Albert (inventor); Soc D Outillage Mecanique et d Usinage d Artillerie (grantee). Issued 4-16-40.
2,197,555. Carburetor. Lepicard Etienne Marie Jules (inventor). Issued 4-16-40.
2,197,752. Hair drier. Kallmann Simon (inventor). Issued 4-16-40.
2,198,141. Closed monobloc power plant. Vincent Achille Paul (inventor). Issued 4-23-40.

2,198,407. Snow plow device or the like. De Brun Charles (inventor). Issued 4-23-40.

2,198,437. Coil and condenser assembly for high frequency purposes. Kaufman Albert (inventor). Issued 4-23-40.

2,198,541. Electrical switching device. Krebs Edouard (inventor). Issued 4-23-40.

2,198,551. Device for compelling a gyroscope to remain vertical. Mellier Claudius (inventor); Soc Industrielle de Mecanique et de Materiel d Equipement (grantees). Issued 4-23-40.

2,198,655. Device for facilitating the discharge of a gas under pressure. Coanda Henri (inventor). Issued 4-30-40.

2,198,673. Process for the manufacture of aluminum. Loevenstein Hirsch (inventor); Foundaminsky Israel Jacob (grantee). Issued 4-30-40.

2,198,731. Steering wheel. Lambert Pierre Louis Jean Baptiste (inventor); Soc Cie Franco Americaine des Jantes en Bois (grantee). Issued 4-30-40.

2,198,752. Device for the automatic partition in varying dimensions for advancing the reams of paper in paper cutting machines. Langenhagen Emile (inventor). Issued 4-30-40.

2,198,754. Magneto. Bernard Jean (inventor). Issued 4-30-40.

2,198,759. Fluid metering device. Cadet Louis Jules Adrien (inventor); S A Dite Soc d Etude de Distributeurs Automatiques S E D A (grantees). Issued 4-30-40.

2,198,842. Device for the mounting of an engine or like apparatus on its support. Renaux Eugene Prosper et al, Renaux Lucien Jules (inventors). Issued 4-30-40.

2,198,846. Picking device for flat hosiery knitting frames having hooked needles. Tesse Felix (inventor); Soc Dite Soc Generale de Bonneterie (grantee). Issued 4-30-40.

2,198,864. Agricultural machine. Degrelle Georges (inventor). Issued 4-30-40.

2,198,880. Cake of soap or other tablet or block covered with a soft sheath. Meyer Claude (inventor). Issued 4-30-40.

2,199,125. Antifriction metaling of bearings. Barbarou Marius Jean Baptiste (inventor). Issued 4-30-40.

2,199,523. Clutch with hydraulically compressed disks. Kegresse Adolphe (inventor). Issued 5-7-40.

2,199,608. Electronic television transmitter. Bartheiemy Rene (inventor); Cie Pour la Fabrication des Compteurs et Materiel d Usines a Gaz (grantees). Issued 5-7-40.

2,199,713. Footwear. Perugia Andre (inventor). Issued 5-7-40.

2,199,763. Navigation apparatus. Sordoillet Pierre (inventor). Issued 5-7-40.

2,199,773. Machine for sharpening the points of twist drills or the like. Armand Joseph (inventor). Issued 5-7-40.

2,199,819. Aerial navigation means. Galle Jean Baptiste Paul Henri (inventor); S A Jaeger Aviation (grantee). Issued 5-7-40.

2,199,871. Automatic firearm. Birkigt Marc (inventor). Issued 5-7-40.

2,199,872. Automatic firearm. Birkigt Marc (inventor). Issued 5-7-40.

2,200,018. Process of polychrome photography. Bertrand Jean Pierre (inventor). Issued 5-7-40.

2,200,154. Device for measuring liquids. Cadet Louis Jules Adrien (inventor); S A Dite Soc d Etude de Distributeurs Automatiques S E D A (grantees). Issued 5-7-40.

2,200,162. Method of manufacturing gas bottles. De Vulitch Vladimir Antoine (inventor). Issued 5-7-40.

2,200,190. Playing apparatus. Plouvier Paul Joseph (inventor). Issued 5-7-40.

2,200,431. Combined magnetic compass and directional gyroscope. Rateau Jacques (inventor). Issued 5-14-40.

2,201,066. Screen television receiver. Toulon Pierre Marie Gabriel (inventor). Issued 5-14-40.

2,201,637. Gravity switch. Soulat Georges (inventor). Issued 5-21-40.

2,201,740. Method for producing copies of lenticular color photographs. Nordmann Charles (inventor). Issued 5-21-40.

2,201,886. Motion picture camera. Dalotel Maurice Albert (inventor). Issued 5-21-40.

2,201,893. Engine and propeller. Gadoux Eugene et al Crousse Louis (inventors). Issued 5-21-40.

2,201,896. Electric variable pitch log. Granat Elie (inventor); Cie des Forges et Acieries de la Marine et d Homecourt (grantee). Issued 5-21-40.

2,201,928. Process for preparing a colloid oxychloride of copper. Souviron Pierre Francois et al Joseph, Bigourdan Pierre Ernest Bebin Paul (inventors). Issued 5-21-40.

2,201,940. Alternating current rectifier. Barrey Etienne (inventor); Masnou Mourice Joseph Louis (grantee). Issued 5-21-40.

2,202,354. Apparatus for photography in relief with or without color. Saint Genies Anne Henri Jacques de Lassus (inventor). Issued 5-28-40.

2,202,355. Method and apparatus for copying lenticular films. Saint Genies Anne Henri Jacques de Lassus (inventor). Issued 5-28-40.

2,202,696. Rotary crystallizer cooker. Lafeuille Fernand (inventor). Issued 5-28-40.

2,202,746. Self-centering spindle for spinning frames. Raboisson Joseph (inventor); Soc Manufacture Alsacienne de Broches Anciennement les Fils d Edouard Latscha S A R L (grantee). Issued 5-28-40.

2,202,753. Coupling apparatus for vehicles. Bugatti Ettore (inventor). Issued 5-28-40.

2,203,031. Means for drawing in loose loops of thread in superposed layers of fabric. Sedlmair Josef (inventor); Rosenberger Adolf (grantee). Issued 6-4-40.

2,203,296. Device for control and operation by fluid servo motor. Fleischel Gaston (inventor). Issued 6-4-40.

2,204,039. Treatment of grain especially wheat. Francois Auguste Eugene (inventor). Issued 6-11-40.

2,204,049. Method for the production of images which are geometrically equivalent applicable to photography and to cinematography. Planskoy Leonti (inventor). Issued 6-11-40.

2,204,315. Electrical route indicator. Levin Remy Felix Oliver (inventor); Cie du Chemin de Fer Metropolitain de Paris (grantee). Issued 6-11-40.

2,204,472. Vibrating device. Caquot Albert Irenee (inventor). Issued 6-11-40.

2,204,696. Machine for manufacturing propeller blades by copying. Ratie Paulin Jean Pierre (inventor). Issued 6-18-40.

2,204,698. Starter. Rinot Roger Georges (inventor). Issued 6-18-40.

2,205,030. Vehicle and especially automotive railroad vehicles. Bugatti Ettore (inventor). Issued 6-18-40.

2,205,067. Electric arc. Pierron Noel et al Aubry Pierre (inventors); Pathe Cinema Anciens Etablissements Pathe Freres (grantee). Issued 6-18-40.

2,205,083. Driving mechanism of the barrel type. Cazes Paul Georges (inventor); Pathe Cinema Anciens Etablissements Pathe Freres (grantee). Issued 6-18-40.

2,205,542. Process for the manufacture of formaldehyde by electrosynthesis from carbon monoxide and hydrogen. Ricard Eloi (inventor); Les Usines de Melle (grantee). Issued 6-25-40.

2,205,543. Heating surface. Rideau Jean Robert et al Ducret Andre Maxime (inventors). Issued 6-25-40.

2,205,549. Supercharger. Waselge Charles Raymond (inventor). Issued 6-25-40.

2,205,832. Variable speed transmission. Henriod Charles Edouard Fils (inventor). Issued 6-25-40.

2,205,833. Automatic clutch. Henriod Charles Edouard Fils (inventor). Issued 6-25-40.

2,206,015. Aircraft machine gun camera. Weissbrodt Jean Ernest (inventor); Soc Facin (grantee). Issued 7-2-40.

2,206,396. Photographic reproducing apparatus. Glass Jules Henry et al Lezy Maurice (inventors). Issued 7-2-40.

2,206,476. Apparatus for observing cinematographic bands. Damblanc Louis (inventor). Issued 7-2-40.

2,206,507. Device for breaking froth. Kuhni Hans (inventor); L Air Liquide S A Pour l Etude et l Exploitation des Procedes Georges Claude (grantee). Issued 7-2-40.

2,206,527. Photoelectric reading system. Constant Roger Emile Raphael (inventor); Etablissements Edouard Belin (grantee). Issued 7-2-40.

2,206,562. Process for the manufacture of aluminum. Gentil Henri Louis (inventor); Soc d Electrochimie d Electrometallurgie et des Acieries Electriques d Ugine (grantee). Issued 7-2-40.

2,206,611. Method of applying azo dyestuffs to fibers by development under the effect of light. Lantz Robert (inventor); S A des Matieres Colorantes & Produits Chimiques de Saint Denis (grantee). Issued 7-2-40.

2,206,613. Pump for concrete mortar and the like. Londais Roger (inventor). Issued 7-2-40.

2,206,685. Catalyzer. Balachowsky Dmitri (inventor). Issued 7-2-40.

2,207,041. Brake control device for motor vehicles. Vau Jean Baptiste Paul (inventor). Issued 7-9-40.

2,207,042. Propeller control mechanism for adjustable and reversible pitch propellers. Waselge Charles Raymond (inventor). Issued 7-9-40.

2,207,195. Equatorial precision sundial. Guadet Julien Paul Marie (inventor). Issued 7-9-40.

2,207,305. Additional impelling device for cycles and like vehicles. Souhart Jacques Paul (inventor). Issued 7-9-40.

2,207,386. Device for controlling carburetors of internal combustion engines in aircraft Tampier Rene (inventor). Issued 7-9-40.

2,207,481. Automatic control means for vehicles. Derungs Ernest Alphonse (inventor). Issued 7-9-40.

2,207,869. Precious stones and jewelry. Monnier Andre Henri Georges (inventor). Issued 7-16-40.

2,208,204. Closed body in particular for automobile vehicles. Vigroux Joseph Jean Pierre (inventor). Issued 7-16-40.

2,208,492. Roof. Beschkine Leon (inventor); Entreprise Rouzaud et Fils (grantee). Issued 7-16-40.

2,208,588. Ball fountain pen. Laforest Jean (inventor). Issued 7-23-40.

2,208,705. Tunnel oven used for the carbonization at low temperatures of oil shale lignite coal and similar materials. Soubbotin Igor et al Romanoff Vladimir (inventors). Issued 7-23-40.

2,209,122. Control device with adjustable reversibility. Houplain Rene Benjamin (inventor). Issued 7-23-40.

2,209,137. Refrigerating plant. Reeh Johannes (inventor). Issued 7-23-40.

2,209,149. Device for regulating the action of brakes. Briand Henry (inventor). Issued 7-23-40.

2,209,267. Method and apparatus for the post synchronization of films. Gorochov Iedidia (inventor). Issued 7-23-40.

2,210,772. Storage battery. Navarin Louis Leon Lucien (inventor); Soc des Accumulateurs Fixes et de Traction (grantee). Issued 8-6-40.

2,211,076. Means for imparting impulses to a system. Sarazin Raoul Roland Raymond (inventor). Issued 8-13-40.

2,211,266. Textile sizing. Gibello Henri (inventor); Soc Nobel Francaise (grantee). Issued 8-13-40.

2,212,315. Radioelectric control device. Bollack Lucien Armand (inventor). Issued 8-20-40.

2,212,994. Balanced gear pump. Vrolix Albert Sylvain Toussaint (inventor); S A L Outillage R B V (grantee). Issued 8-27-40.

2,213,060. Cathode ray tube. Toulon Pierre Marie Gabriel (inventor). Issued 8-27-40.

2,214,123. Electrical furnace. Delpech Gaston (inventor); S A des Manufactures des Glaces & Produits Chimiques des Saint Gobain Chauny & Cirey (grantee). Issued 9-10-40.

2,214,874. Apparatus for controlling the distortion of rolls. Bruno Paul Louis Marie (inventor); S A des Manufactures de Glaces et Produits Chimiques de Saint Gobain Chauny and Cirey (grantees). Issued 9-17-40.

2,216,111. Combined radiator and air deflector. Huet Andre (inventor). Issued 10-1-40.

2,216,385. Rotatable fastening device. Chobert Jacques Francois Gabriel (inventor). Issued 10-1-40.

2,216,643. Arrhythmic Telewriter. Estoup Jean also known as Henri Estoup (inventor). Issued 10-1-40.

2,216,982. Hand actuated carriage. Ollagnon Paul (inventor). Issued 10-8-40.

2,217,669. Radial cylinder engine. Cantoni Humbert Denis Jean (inventor); Mawen S A (grantee). Issued 10-15-40.

2,218,620. Flyer spinning means. Nau Touron Albert (inventor); Frenkel Isaac (grantee). Issued 10-22-40.

2,218,675. Construction of composite walls. Fould Maurice (inventor); Forges de Strasbourg S A (grantee). Issued 10-22-40.

2,218,763. Film gate and feeding device. Mery Jean (inventor). Issued 10-22-40.

2,219,070. Speed control device for machines. Hermitte Louis (inventor); Soc Rateau la Courneuve (grantee). Issued 10-22-40.

2,219,796. Esters of amino alcohols and process for producing them. Viaud Pierre (inventor); Soc des Usines Chimiques Rhone Poulenc (grantee). Issued 10-29-40.

2,219,848. Optical system for dual beam automobile headlights. Schaffner Henri Alexander Hippolyte Joseph (inventor). Issued 10-29-40.

2,220,174. Speed changing device. Ravigneaux Pol (inventor). Issued 11-5-40.

2,220,513. Differential. De Place Henri Leon Marie Joseph (inventor). Issued 11-5-40.

2,220,523. Method and apparatus for renewing the perforations of motion picture films. Kaganski Nochoum (inventor). Issued 11-5-40.

2,220,546. Aircraft tail device. Saulnier Raymond (inventor). Issued 11-5-40.

2,220,557. Skate. User Armand (inventor). Issued 11-5-40.

2,220,660. Accordion. Razzaboni Umberto (inventor). Issued 11-5-40.

2,220,813. Electromagnetic remote control device. Derungs Ernest Alphonse (inventor). Issued 11-5-40.

2,221,106. Electric battery. Portail Fernand Charles Frederic (inventor); Le Carbone Co (grantee). Issued 11-12-40.

2,221,269. Quick acting obturating flap valve. Sertillange Maurice Antoine (inventor). Issued 11-12-40.

2,221,613. Propellor having an automatically variable pitch. Sensaud de Lavaud Robert (inventor). Issued 11-12-40.

2,221,759. Slide fastener. Erard Georges Leon (inventor); Cartier S A (grantee). Issued 11-19-40.

2,222,154. Pressing device for knitting machines. Noble Emile (inventor); etablissements Delostal Freres (grantee). Issued 11-19-40.

2,222,546. Method for taking up the play of spikes. Streit Albert Paul (inventor). Issued 11-19-40.

2,222,742. Defrosting glass plate and method for manufacturing same. Ducret Andre Maxime et al, Rideau Jean Robert (inventors). Issued 11-26-40.

2,222,913. Control mechanism. Pescara Raul Pateras (inventor). Issued 11-26-40.

2,222,918. Hosiery knitting frame. Tesse Felix (inventor); Soc Dite Soc Generale de Bonneterie (grantee). Issued 11-26-40.

2,222,927. Mill for grinding pepper salt sugar coffee and the like. Mantelet Jean (inventor); Mantelet & Boucher Soc en Nom Collectif (grantees). Issued 11-26-40.

2,222,979. Anode for electrolyzers with vertical diaphragms. Lemair Jacques Philippe (inventor). Issued 11-26-40.

2,223,014. Recoil absorber for firearms. Galliot Norbert Jules Andre et al, Chable Jeanne Adrienne Victorine Anna (inventors). Issued 11-26-40.

2,223,645. Well and the like sinking apparatus. Solomon Guillaume Jean (inventor). Issued 12-3-40.

2,223,703. Auxiliary service plant for aircraft. Potez Henry Charles Alexandre (inventor). Issued 12-3-40.

2,224,151. Magnesium alloys. Gauthier Gaston (inventor); Cie de Produits Chimiques et Electrometallurgiques Alais Froges et Camargue (grantees). Issued 12-10-40.

2,224,186. Body of motor road vehicles. Henri Labourdette Jean (inventor). Issued 12-10-40.

2,224,254. Electromagnetic clutching mechanism. Cotal Jean (inventor). Issued 12-10-40.

2,224,260. Propelling device for vehicles. Galliot Norbert Jules Andre (inventor). Issued 12-10-40.

2,224,481. Automatic mechanical return device. Laraque Roland (inventor). Issued 12-10-40.

2,225,015. Method and means for producing concrete structures. Lebelle Jean (inventor); Procedes Techniques de Construction (grantee). Issued 12-17-40.

2,225,019. Injection device for combustion engines. Retel Jules Marie Rene (inventor). Issued 12-17-40.

2,225,164. Method for producing concomitant movements and sounds. Ducout Marcel Stanislas (inventor). Issued 12-17-40.

2,225,433. Photographic camera for flexible materials sensitive to light. Goldberg Emanuel (inventor). Issued 12-17-40.

2,225,616. Electric furnace for melting glass. Borel Edouard Virgile (inventor); S A Des Manufactures Des Glaces & Produits Chimiques De Saint Gobain Chauny & Cirey (grantee). Issued 12-24-40.

2,225,617. Electric heating of liquid baths. Borel Edouard Virgile et al, Peyches Yvan (inventors); S A Des Manufactures Des Glaces & Produits Chimiques De Saint Gobain Chauny & Cirey (grantee). Issued 12-24-40.

2,225,903. Drafting board. Chaix Pierre Louis Maurice (inventor). Issued 12-24-40.

2,225,929. Vibration damper. Sarazin Roaul Roland Raymond (inventor). Issued 12-24-40.

2,225,938. Alloy with artificial radio activity. Yadoff Oleg (inventor). Issued 12-24-40.

2,226,154. Alternating current high tension cable system. Bethenod Joseph (inventor); S A Pour Les Applications De L Electricite & Des Gaz Rares Etablissements Claude Paz & Silva (grantees). Issued 12-24-40.

2,226,171. Gas or vapor electric discharge device. Lecorguillier Jean (inventor); S A Pour Les Applications De L Electricite Et Des Gaz Rares Etablissements Claude Paz & Silva (grantees). Issued 12-24-40.

2,226,201. Jack apparatus. Freyssinet Eugene (inventor). Issued 12-24-40.

2,226,536. Octave vent for musical wind instruments. Selmer Maurice (inventor); Selmer H & Cie (grantee). Issued 12-31-40.

2,226,978. System including rotary blades. Pescara Raul Pateras (inventor). Issued 12-31-40.

2,227,143. Printing device particularly for tabulating machines controlled by record cards or bands. Knutsen Knut Andreas (inventor). Issued 12-31-40.

2,227,653. Process of stanching & consolidating porous masses. Langer Charles (inventor). Issued 1-7-41.

2,227,815. Synchronization system for television. Toulon Pierre Marie Gabriel (inventor). Issued 1-7-41.

2,228,342. Incandescent electric lamp. Claude Andre (inventor); S A Pour Les Applications De L Electricite Et Des Gaz Rares Etablissements Claude Paz Et Silva (grantee). Issued 1-14-41.

2,228,794. Guide for a sliver roving or the like in drawing frames. Taine Roger (inventor); Soc Alsacienne De Constructions Mecaniques (grantee). Issued 1-14-41.

2,228,797. Manufacture of telephone cables. Wassermann Gunter (inventor); Le Conducteur Electrique Blinde Incombustible (grantee). Issued 1-14-41.

2,228,798. Manufacture of telephone cables. Wassermann Gunter (inventor); Le Conducteur Electrique Blinde Incombustible (grantee). Issued 1-14-41.

2,229,709. Two cycle engine. Tisserant Auguste Albert Honore (inventor). Issued 1-28-41.

2,229,936. Binder for leaves. Prache Andre (inventor). Issued 1-28-41.

2,230,032. Underground tubular structure and method of making the same. Freyssinet Eugene (inventor); Enterprise Campenon Bernard (grantee). Issued 1-28-41.

2,230,160. Radio device for measuring angles. Lehmann Gerard Jules (inventor); S A Des Industries Radioelectriques (grantee). Issued 1-28-41.

2,230,318. Process for carrying out industrial alcoholic fermentations. Boinot Firmin (inventor); Les Usines de Melle (grantee). Issued 2-4-41.

2,230,572. Projection apparatus. Mestre Louis Nicolas (inventor); Anciens Etablissements Barbier Benard & Turenne (grantee). Issued 2-4-41.

2,230,573. Diascopic projection apparatus. Mestre Louis Nicolas (inventor); Anciens Etablissements Barbier Benard and Turenne (grantee). Issued 2-4-41.

2,230,655. Printing process. Sauerwein Georges (inventor). Issued 2-4-41.

2,230,935. Endless chain. Chevreau Lucien (inventor); Soc Industrielle d Auteuil S A (grantee). Issued 2-4-41.

2,230,938. Method of obtaining color photographs. De Lassus Saint Genies Anne Henri Jacques (inventor). Issued 2-4-41.

2,231,438. Stenographic machine. Dold Victor Charles (inventor); Le Progres Technique (grantee). Issued 2-11-41.

2,231,546. Antitheft lock for bicycles. Neiman Abram (inventor). Issued 2-11-41.

2,232,035. Carburetor. Mennesson Andre Louis (inventor); S A Solex (grantee). Issued 2-18-41.

2,232,887. Servo brake for automobile vehicles. Saives Leon (inventor); Renault Louis (grantee). Issued 2-25-41.

2,232,929. Octave vent for saxophones or similar wind instruments. Selmer Maurice (inventor); Selmer H and Cie (grantee). Issued 2-25-41.

2,233,410. Process for direct nickel plating of aluminum and its alloys. Frasch Jean (inventor); Soc de Produits Chimiques des Terres Rares (grantee). Issued 3-4-41.

2,233,839. Moving picture projecting machine. Heurtier Antoine (inventor). Issued 3-4-41.

2,233,950. Detent means. Lepetit Albert Emile Marcel (inventor). Issued 3-4-41.

2,234,235. Protection device for electrical networks. Dubusc Roger (inventor). Issued 3-11-41.

2,234,347. Electric smoothing iron and in support forming current supply plugs for said irons. Lobstein Jean (inventor). Issued 3-11-41.

2,234,393. Device for the filling of tanks. Amiot Felix (inventor). Issued 3-11-41.
2,234,394. Aerial navigation machine. Amiot Felix (inventor). Issued 3-11-41.
2,234,515. Cradle for infants. Carrel Alexis Auguste et al, Carrel Anne nee de la Motte (inventors). Issued 3-11-41.
2,235,206. Method & apparatus for projecting & for copying by projection lenticular films in color or in relief. De Lassus Saint Genies Anne Henri Jacques (inventor). Issued 3-18-41.
2,235,460. Apparatus for microscopic projection. Mestre Louis Nicolas (inventor); Anciens Etablissements Barbier Benard & Turenne (grantee). Issued 3-18-41.
2,235,484. Machine for folding flat linen & the like. Jesus Henri Leon Lucien (inventor). Issued 3-18-41.
2,235,570. Process for the manufacture of 1458 tetra amino anthraquinone Bludow Pierre (inventor); Soc Rhodiaceta (grantee). Issued 3-18-41.
2,235,588. Two stage compression arrangement for aircraft engines. Potez Henry Charles Alexandre (inventor). Issued 3-18-41.
2,235,605. Screw propeller. Bugatti Ettore (inventor). Issued 3-18-41.
2,235,743. Apparatus for taking stereoscopic pictures. Gagliardi Pierre (inventor); Etablissements Emel S A R L (grantee). Issued 3-18-41.
2,235,947. Process for the gaseous cementation of steel pieces. Saives Leon (inventor); Renault Louis (grantee). Issued 3-25-41.
2,236,189. Torpedo for signaling on railroads or for other uses. Veber Leon (inventor); S A Dite Soc Francaise de Munitions, de Chasse de Tir et de Guerre Anciens Etablissements Gevelot et Gaupillat (grantees). Issued 3-25-41.
2,236,231. Device for electrically heating drawing kilns for sheet glass. Borel Edouard Virgile (inventor); S A des Manufactures des Glaces et Produits Chimiques de Saint Gobain Chauny & Cirey (grantees). Issued 3-25-41.
2,236,335. Firing mechanism for multiple guns. Dugied Eugene Albert (inventor); S A des Anciens Etablissements Hotchkiss & Cie (grantees). Issued 3-25-41.
2,236,645. Telephonic system. Levy Jacques (inventor). Issued 4-1-41.
2,236,838. Lateral control for airplanes. Robert Roger (inventor). Issued 4-1-41.
2,236,841. Variable pitch aerial propeller. Waseige Charles Raymond (inventor). Issued 4-1-41.
2,236,911. Coated glass articles and a method of manufacturing the same. Long Bernard (inventor); S A des Manufactures des Glaces & Produits Chimiques de Saint Gobain Chauny and Cirey (grantees). Issued 4-1-41.
2,236,947. Electric relay. Le Goff Lucien Joseph Armand (inventor); Soc D Electricite Mors (grantee). Issued 4-1-41.
2,237,082. Power plant. Pateras Pescara Raul (inventor). Issued 4-1-41.
2,237,341. Circuit controller for tentering machines. Dungler Julien (inventor). Issued 4-8-41.
2,237,590. Trolley system. Delachaux Clarence Leon (inventor). Issued 4-8-41.
2,237,650. Brake. Brisson Louis (inventor). Issued 4-8-41.
2,238,658. Circular weaving loom. Pelce Henri et al, Bes Armand, Tizzoni Arthur (inventors); S A Saint Freres and Soc A Responsabilite Limitee Etablissements Rotatiss (grantees). Issued 4-15-41.
2,238,806. Oil burner. Doubledent Felix (inventor); Soc Chantereine D Applications, Industrielles de Brevets (grantees). Issued 4-15-41.
2,239,187. Apparatus for temporarily rendering secondary representations visible on a transparent primary representation. Becker Charles (inventor). Issued 4-22-41.
2,239,243. Oil circuit breaker for ultra high speed reclosure. Monchamps Albert (inventor); S A Dite Forges et Ateliers de Constructions Electriques de Jeumont (grantees). Issued 4-22-41.
2,239,262. Four stroke explosion engine. Violet Marcel Achille (inventor). Issued 4-22-41.
2,239,301. Door lock particularly for automobiles. Papst Max (inventor). Issued 4-22-41.
2,239,313. Positively and progressively acting speed varying device. Beschkine Leon (inventor). Issued 4-22-41.
2,239,460. Mechanism for justifying of number wheels. Levy Marcel Adrien Elie (inventor); S A Soc Francaise de Metrographie (grantee). Issued 4-22-41.
2,239,941. Operating device for adjustable transformers and the like. Soulary Pierre (inventor); L Air Liquide S A Pour L Etude et L Exploitation des Procedes Georges Claude (grantees). Issued 4-29-41.
2,239,973. Variable speed gear. Ravigneaux Pol (inventor). Issued 4-29-41.
2,240,022. Framework for vehicles. Saives Leon (inventor); Renault Louis (grantee). Issued 4-29-41.
2,240,052. Device for destroying sound waves more especially utilizable as a silencer for combustion and explosion engines. Pomies Robert Pierre (inventor). Issued 4-29-41.
2,240,131. Arrangement for securing stereoscopic cinematographic projections. Carre Suzanne nee Berment (inventor); Soc A Responsabilite Limitee Dite la Chronostereoscopie (grantees). Issued 4-29-41.
2,240,223. Meter for liquids. Muselier Bernard Gabriel Marie (inventor); Herman Jean Faure (grantee). Issued 4-29-41.
2,240,308. Orthopedic belt for the treatment of gastric ptoses. Mahe Roger Herve (inventor). Issued 4-29-41.
2,240,329. Dropper combined with cap for phials and the like. Fialip Robert Jean Marie (inventor); Picard Lucien (grantee). Issued 4-29-41.
2,240,341. Azo dyestuffs. Mirocourt Henry et al, Jirou Marcel Georges (inventors); Cie Nationale de Matieres Colorantes et Manufactures de Produits Chimiques du Nord Reunies, Etablissements Kuhlmann (grantees). Issued 4-29-41.
2,240,372. Superheater element. Huet Andre (inventor). Issued 4-29-41.
2,241,125. Molding device with extensible core. Girard Emile Gustave Louis (inventor). Issued 5-6-41.
2,241,138. Resilient support. Julien Maurice Francois Alexandre (inventor). Issued 5-6-41.
2,241,139. Engine unit mounting. Julien Maurice et al, Francois Alexandre, Paulsen Jean Felix (inventors). Issued 5-6-41.
2,241,196. Variable surface airfoil. Gerin Jacques (inventor). Issued 5-6-41.
2,241,521. Airplane. Richard Paul Aime (inventor). Issued 5-13-41.
2,241,525. Backpedaling brake device. Roes Georges (inventor); Frenkel Robert (grantee). Issued 5-13-41.
2,241,786. Stabilization of rotating lifting systems. Loth William Arthur et al, Guyot Sebastienne Marie Henriette (inventors). Issued 5-13-41.
2,241,964. Scanning disk with synchronization device. Schlesinger Kurt (inventor). Issued 5-13-41.
2,242,013. Photographic or cinematographic camera or the like. Martin Alphonse (inventor). Issued 5-13-41.
2,242,221. Brace or like article. Bayon Henri Joseph (inventor). Issued 5-20-41.
2,242,231. Internal combustion engine. Cantoni Humbert Denis Jean (inventor). Issued 5-20-41.
2,242,516. Organometallic compound and process for its manufacture. Duval Clement (inventor); Soc D Electrochimie D Electrometallurgie et des Acieries Electriques D Ugine (grantees). Issued 5-20-41.
2,242,832. Governor device for internal combustion engines. Mennesson Marcel (inventor); S A Solex (grantee). Issued 5-20-41.
2,242,846. Reinforced concrete tank. Brice Louis Pierre et al, Lipsky Jean (inventors); S A La Paroi Hydraulique (grantee). Issued 5-20-41.
2,242,986. Wheel. Zipper Emil (inventor). Issued 5-20-41.
2,243,788. Device for lighting operating rooms. Benard Jacques Alfred Victor (inventor); Anciens Etablissements Barbier, Benard & Turenne (grantees). Issued 5-27-41.
2,243,885. Supporting surface for aircraft. Schweisch Andre (inventor). Issued 6-3-41.
2,243,906. Apparatus for shielding a body from fluid currents. Huet Andre (inventor). Issued 6-3-41.
2,244,214. Fuel mixture feed system for internal combustion engines. Pateras Pescara Raul (inventor). Issued 6-3-41.
2,244,328. Process for preparing biliary acids having a ketonic function. Charonnat Raymond et al, Horeau Alain (inventors); Chimie et Atomistique (grantee). Issued 6-3-41.
2,244,594. Direct air cooled engine. Amiot Felix (inventor). Issued 6-3-41.
2,244,595. Guiding means especially in machines for delivering rivets. Amiot Felix (inventor). Issued 6-3-41.
2,244,615. Toothbrush. Garcin Louis (inventor). Issued 6-3-41.
2,244,763. Power plant for airplanes. Bugatti Ettore (inventor). Issued 6-10-41.
2,245,123. Fabric printing. Belloc Maurice (inventor); Soc Nobel Francaise (grantee). Issued 6-10-41.
2,245,467. Driving mechanism between rotary elements. De Place Henri Leon Marie Joseph (inventor). Issued 6-10-41.
2,245,505. Process for replenishing and correcting the electrolyte in the refining of aluminum. Siedentopf Karl (inventor); Cie de Produits Chimiques et Electrometallurgiques Alais Froges et Camargue (grantee). Issued 6-10-41.
2,245,758. Flexible tube. Chernack Abel Edgar (inventor). Issued 6-17-41.
2,245,954. Gas turbine engine plant. Anxionnaz Rene (inventor); Soc Rateau (grantee). Issued 6-17-41.
2,246,133. Apparatus for rapidly effecting metallurgical operations. Greffe Andre (inventor); Soc D Electrochimie D Electrometallurgie et des Acieries Electriques D Ugine (grantees). Issued 6-17-41.
2,246,493. Aerial navigation machine of the airplane type. Amiot Felix (inventor). Issued 6-24-41.
2,246,494. Means for assembling elements by riveting. Amiot Felix (inventor). Issued 6-24-41.
2,246,872. Method and apparatus for manufacturing thin gelatinous coatings. Beaune Serge Virgile (inventor); Soc des Procedes Serge Beaune (grantee). Issued 6-24-41.
2,247,091. Storage battery. Jumau Lucien Jules (inventor). Issued 6-24-41.
2,247,288. Gyromagnetic compass. Delsuc Jacques (inventor); S A Ateliers J Carpentier (grantee). Issued 6-24-41.
2,247,307. Weft fork for circular weaving looms. Pelce Henri (inventor); Soc Dite Saint Freres S A (grantee). Issued 6-24-41.
2,247,768. Firing equipment for the combustion of liquid fuels. Huwyler Eugen (inventor). Issued 7-1-41.
2,247,880. Iodine organic compounds for use as X-ray contrast compositions. Guerbet Andre Gaston Jules (inventor). Issued 7-1-41.
2,248,073. Pulsator for fluids. Gage Andre Martial (inventor). Issued 7-8-41.
2,248,227. Tuned circuit. Gantet Pierre (inventor). Issued 7-8-41.

2,248,280. Machine for heating metal bars and tubes. Nobiron Henri Edward Dec, et al, Nobiron Marie Louise nee Guillon C, heir at law (inventors); S A Louvroil Montbard Aulnoye (grantee). Issued 7-8-41.

2,248,281. Circular weaving loom. Pelce Henri (inventor); Soc Dite Saint Freres S A (grantee). Issued 7-8-41.

2,248,282. Device for guiding the shuttles in circular weaving looms. Pelce Henri (inventor); Soc Dite Saint Freres S A (grantee). Issued 7-8-41.

2,248,526. Apparatus for disintegrating cereals and other granular materials. Francois Auguste Eugene (inventor). Issued 7-8-41.

2,248,826. Recovery of alumina. Seailles Jean Charles et al, Dyckerhoff Walter Robert Gustav (inventors); Seailles Jean Charles (grantee). Issued 7-8-41.

2,249,390. Heddle. Mahler Otto (inventor). Issued 7-15-41.

2,250,129. Azo dyestuffs and method for their manufacture. Kopp Georges et al, Gangneux Rene Eugene Marcel (inventors); Cie Nationale de Matieres Colorantes et Manufactures de Produits Chimiques du Nord Reunies, Etablissements Kuhlmann (grantees). Issued 7-22-41.

2,250,221. Electrical control device for clutch and gear mechanisms. Derungs Ernest Alphonse (inventor). Issued 7-22-41.

2,250,357. Electric range. Challet Etienne (inventor); Entreprises Electriques, Fribourgeoises (grantees). Issued 7-22-41.

2,250,593. Method and machine for cutting openings in metal ribbons or the like. Mesnel Pierre (inventor). Issued 7-29-41.

2,250,624. Pane Securing means. Bugatti Ettore (inventor). Issued 7-29-41.

2,250,628. Shaping of glass sheets. Forbes Lewis Jex Blake (inventor); S A Des Manufactures Des Glaces et Produits Chimiques de Saint Gobain Chauny & Cirey (grantees). Issued 7-29-41.

2,250,654. Vehicle frame. Saives Leon (inventor); Renault Louis (grantee). Issued 7-29-41.

2,251,195. Dust guard for journal bearings. Meunier Marcel (inventor). Issued 7-29-41.

2,251,205. Apparatus for winding wire around a body of revolution. Revel Maurice (inventor); Soc Des Tuyaux Bonna (grantee). Issued 7-29-41.

2,252,470. Weaving loom. Pelce Henri (inventor); Soc Dite Saint Freres S A (grantee). Issued 8-12-41.

2,252,480. High speed internal combustion engine. Boulet Georges (inventor). Issued 8-12-41.

2,252,494. Self clamping jack. Du Rostu George Levesque (inventor); S A Andre Citroen (grantee). Issued 8-12-41.

2,252,524. Steering wheel. Quillery Henri Paul Marcel (inventor). Issued 8-12-41.

2,252,581. Selector. Saint Jacques Eugene Camille (inventor). Issued 8-12-41.

2,252,803. Jet digger suction head. Durepaire Pierre (inventor). Issued 8-19-41.

2,252,815. Transmission of mechanical energy. Salomon Francois Marie, Michel Bernard (inventors). Issued 8-19-41.

2,253,112. Hydraulic control system. De Boysson Joseph Bernard Antoine (inventor). Issued 8-19-41.

2,253,190. Suspension of vehicles. Mistral Paul Henri (inventor). Issued 8-19-41.

2,253,505. Engine. Cantoni Humbert Denis Jean (inventor); Mawen S A (grantee). Issued 8-26-41.

2,253,530. Device including receiving element fed by compressed gas generators. Pescara Raul Pateras (inventor). Issued 8-26-41.

2,253,730. Process of molding concrete. Seailles Jean Charles (inventor). 8-26-41.

2,253,757. Propeller actuated machine. Bugatti Ettore (inventor). Issued 8-26-41.

2,253,981. Current supply device for resistors of electric furnaces. Peyches Yvan (inventor); S A Des Manufactures Des Glaces & Produits Chimiques de Saint Gobain, Chauny & Cirey (grantees). Issued 8-26-41.

2,253,991. Process for the regeneration of waste of artificial and synthetic leathers. Strachovsky Nikita (inventor); Soc Salpa Francaise (grantee). Issued 8-26-41.

2,254,082. Spark plug. Meyer Charles Eugene (inventor); Soc De Construction D Appareils Mecaniques & Electriques Pour Automobiles S C A M E A (grantees). Issued 8-26-41.

2,254,299. Tabulating machine or the like. Leger Bernard et al, Dussaillant Francois, Bessiere Fernand, Boyer Fernand (inventors); Cie Parisienne de Distribution D Electricite (grantee). Issued 9-2-41.

2,254,858. Clockwork apparatus & new portable gas or vapor watch. Reutter Jean Leon (inventor); S A Etablissements ed Jaeger (grantee). Issued 9-2-41.

2,255,002. Rotary electric contact maker. Rodanet Charles Hilaire Henri (inventor); S A Jaeger Aviation (grantee). Issued 9-2-41.

2,255,004. Paddle wheel. Rodanet Charles Hilaire Henri (inventor); S A Jaeger Aviation (grantee). Issued 9-2-41.

2,255,005. Measuring instrument having capsules. Rodanet Charles Hilaire Henri (inventor); S A Jaeger Aviation (grantee). Issued 9-2-41.

2,255,033. Grab. Allard Pierre Jean Marie Theodore (inventor); Soc Francaise De Construction De Bennes Automatiques (grantee). Issued 9-2-41.

2,255,205. Filtering element. Chamouton Claude Francois Albert (inventor); Soc De Constructions Mecaniques De Stains (grantee). Issued 9-9-41.

2,255,226. Flour mill with garlic separator. Meneux Charles et al, Bourdin Sylvain Gabriel, Chausse Louis (inventors). Issued 9-9-41.

2,255,391. Reinforced flexible pipe. Mesnel Jean Roger (inventor); Soc Mesnel Freres (grantee). Issued 9-9-41.

2,255,574. Winch for use on board aircraft. Waseige Charles Raymond (inventor); Air Equipment (grantee). Issued 9-9-41.

2,255,844. Metallurgical furnace. Gentil Henri Louis (inventor); Soc D Electrochimie D Electrometallurgie et Des Acieries Electriques D'Ugine (grantees). Issued 9-16-41.

2,256,134. Crusher and like apparatus. Bornay Raymond Ernest Henri (inventor). Issued 9-16-41.

2,256,261. Process for preparing azo compounds. Girard Andre (inventor); Les Laboratories Francais De Chimiotherapie (grantee). Issued 9-16-41.

2,256,426. Process for manufacturing tubes. Damien Rene (inventor); S A Des Tubes De Valenciennes et Denain (grantee). Issued 9-16-41.

2,256,436. Device for providing twist in rovings preparatory to spinning. Kruse Arthur (inventor). Issued 9-16-41.

2,256,789. Clutch device. Pegard Marcel (inventor). Issued 9-23-41.

2,257,034. Device for conjugating the rotation of rotating members. Bugatti Ettore (inventor). Issued 9-23-41.

2,257,676. Optical device for photography. Gance Abel et al, Angenieux Pierre (inventors). Issued 9-30-41.

2,257,939. Glove. Davidsohn Hilde (inventor). Issued 10-7-41.

2,258,164. Screen for photography in relief. Saint Genies Anne Henri Jacques De Lassus (inventor). Issued 10-7-41.

2,258,558. Apparatus for obtaining photographs in color by projection copying. Saint Genies Anne Henri Jacques De Lassus (inventor). Issued 10-7-41.

2,259,681. Signal transmission device. Clayette Claude Jean (inventor). Issued 10-21-41.

2,260,102. Automobile vehicle. Freret Paul Leon (inventor). Issued 10-21-41.

2,260,197. Internal combustion engine. Seligman Roger Adolphe Leonard (inventor). Issued 10-21-41.

2,261,247. Molding device. Girard Emile Gustave Louis (inventor). Issued 11-4-41.

2,261,249. Transmitting station for distant control systems. Granat Elie (inventor); Cie Des Forges et Acieries De La Marine et D Homecourt (grantee). Issued 11-4-41.

2,261,860. Body for vehicles. Saives Leon (inventor); Renault Louis (grantee). Issued 11-4-41.

2,262,544. Soluble sulphanilamide derivatives and process for making them. Despois Robert Ludovic (inventor); Soc Des Usines Chemiques Rhone Poulenc (grantee). Issued 11-11-41.

2,262,545. Method and means for controlling heat treatments. Do Huu Chan Andre (inventor); S A Des Manufactures De Glaces et Produits Chimiques De Saint Gobain, Chauny & Cirey (grantee). Issued 11-11-41.

2,263,220. Large high speed rim. Mejean Ernest (inventor); Forgeo et Ateliers De Constructions Electriques De Jeumont S A (grantee). Issued 11-18-41.

2,263,354. Construction of walls. Fould Maurice (inventor); Forges De Strasbourg S A (grantee). Issued 11-18-41.

2,263,355. Construction of walls partitions and the like. Fould Maurice (inventor); Forges De Strasbourg S A (grantee). Issued 11-18-41.

2,263,482. Automatic control for grabs buckets and the like. Allard Pierre Jean Marie Theodore (inventor); Soc. Francaise De Construction De Bennes Automatiques (grantees). Issued 11-18-41.

2,263,493. Apparatus for manufacturing glass sheets. Habert Louis (inventor); S A Des Manufactures Des Glaces and Produits Chimiques De Saint Gobain Chauny and Cirey (grantee). Issued 11-18-41.

2,263,549. Electrical heating of liquid baths. Peyches Yvan (inventor); S A Des Manufactures Des Glaces and Produits Chimiques De Saint Gobain Chauny and Cirey (grantee). Issued 11-18-41.

2,263,868. Wheel arrangement. Boyer Robert et al, Marin Marcel, Gaestel Michel (inventors); Soc Goodrich S A S A (grantee). Issued 11-25-41.

2,264,267. Weighing apparatus for the addition of different products of variable bulk and in given proportions. Rabilloud Pierre (inventor). Issued 11-25-41.

2,264,429. Process for preparing substituted phthalic anhydrides. Bergmann Ernst (inventor); Cie De Produits Chimiques et Electrometallurgiques Alais Froges et Camargue (grantee). Issued 12-2-41.

2,264,470. Connecting device especially for railway vehicles coupled together. Bugatti Ettore (inventor). Issued 12-2-41.

2,264,881. Folding umbrella. Herbin Marie Louis Camille Georges (inventor). Issued 12-2-41.

2,264,923. Retractable landing gear for aircraft. Waseige Charles Raymond (inventor); Air Equipment (grantee). Issued 12-2-41.

2,265,106. Hydrodynamic tachometer. Fieux Jean (inventor); Schneider & Cie (grantee). Issued 12-2-41.

2,265,182. Apparatus for diascopic projection. Maestre Louis Nicolas (inventor); Anciens Etablissements Barbier Benard & Turenne (grantee). Issued 12-9-41.

2,265,195. Percussive fuse for projectiles. Remondy Leon Emile dec (inventor); Arbey Marie Leonie legal representative, Remondy Georges Henri legal representative (grantees). Issued 12-9-41.

2,265,265. Threads cutting machine. Castelli Xavier Francois (inventor). Issued 12-9-41.

2,265,499. Method of taking up the play of spikes. Streit Albert Paul (inventor). Issued 12-9-41.

2,265,747. Vibration damping device. Sarazin Raoul Roland Raymond (inventor). Issued 12-9-41.

2,265,896. Focusing device for motion and still picture cameras. Dalotel Maurice Albert (inventor); Mathot Suzanne Rosalie (grantee). Issued 12-9-41.

2,266,178. System for constituting a rolling track for vehicles. Dubois Leon (inventor). Issued 12-16-41.

2,266,682. Device for filling tanks. Amiot Felix (inventor). Issued 12-16-41.

2,266,961. Process for manufacturing the outside piece of a two piece safety nut. Desbrueres Edmond Pierre (inventor); Soc Securities E D L C (grantee). Issued 12-23-41.

2,267,537. Electric furnace. Romazzotti Joseph (inventor); S A Des Manufactures Des Glaces and Produits Chimiques De Saint Gobain Chauny and Cirey (grantees). Issued 12-23-41.

2,267,554. Apparatus for making glass tubes. Despret Georges Paul (inventor); Cies Reunies Des Glaces et Verres Speciaux Du Nord De La France (grantee). Issued 12-23-41.

2,267,874. Device for the mounting of engines or like apparatus. Renaux Eugene Prosper et al, Renaux Lucien Jules (inventors). Issued 12-30-41.

2,267,981. Elastic pulley and wheel and the like. Julien Maurice Francois Alexandre (inventor). Issued 12-30-41.

2,268,115. Heating method and means. George Henri (inventor). Issued 12-30-41.

2,268,183. Cooling system for aircraft. Bugatti Ettore (inventor). Issued 12-30-41.

2,268,324. Process for the preparation of photographic bleaching out layers. Polgar Andre et al, Thalmos Charles (inventors). Issued 12-30-41.

2,268,391. Apparatus for measuring the rate of flow of fluid. Gauthier Ernest (inventor). Issued 12-30-41.

2,268,954. Air cooling device for internal combustion engines. Marais Rene (inventor); S A Andre Citroen (grantee). Issued 1-6-42.

2,268,957. System for supplying and metering liquid fuel to motors. Muselier Bernard Gabriel Marie (inventor); Herman Jean Faure (grantee). Issued 1-6-42.

2,270,172. Vehicle seat. Ruegger Andre (inventor). Issued 1-13-42.

2,270,240. Anchoring of tensioned cables in concrete constructions. Freyssinet Eugene (inventor). Issued 1-20-42.

2,270,342. Sensitive percussion fuse. Remondy Leon Emile decd (inventor); Arbey Marie Leonie, Remondy Georges Henri rep (grantees). Issued 1-20-42.

2,270,374. Intaglio printing. Kanitz Georges (inventor). Issued 1-20-42.

2,270,476. Apparatus for measuring pressure. Rollin Georges (inventor); Groupement Francais Pour Le Developpement Des Recherches Aeronautiques (grantee). Issued 1-20-42.

2,270,916. Operating apparatus for grabs or the like. Allard Pierre Jean Marie Theodore (inventor); Soc Francaise De Construction De Bennes Automatiques (grantee). Issued 1-27-42.

2,271,016. Antivibrating resilient support. Julien Maurice Francois Alexandre (inventor). Issued 1-27-42.

2,271,175. Portable rotary grater. Mantelet Jean (inventor); Mantelet and Boucher (grantees). Issued 1-27-42.

2,271,360. Tractor or other vehicle wheel. Bernardon Marcellin Eugene Rene (inventor); S A Des Pneumatiques Dunlop (grantee). Issued 1-27-42.

2,271,509. Lateral control means for flying machines with pivoted wings. Rouanet Roger Leger Marie Fernand et al, Rey Francois Victor Andre Joseph (inventors). Issued 1-27-42.

2,272,024. Apparatus for butt welding metal sheets. Saives Leon (inventor); S A Dite Soc Des Aciers Fins De L Est (grantee). Issued 2-3-42.

2,272,067. Ash tray. Poivrel Jean Louis et al, Michelang Marie Charles Hubert (inventors). Issued 2-3-42.

2,272,080. Device for the nightly light beaconing of high tension overhead cables. Bethenod Joseph et al, Kayser Daniel (inventors); S A Pour Les Applications De L Electricite et Des Gaz Rares Etablissements Claude Paz and Silva (grantee). Issued 2-3-42.

2,272,676. Continuous flow gas turbine. Leduc Rene (inventor). Issued 2-10-42.

2,272,916. Verifying machine for perforated cards. Knutsen Knut Andreas (inventor). Issued 2-10-42.

2,272,934. Mechanism for power transmission. Cotal Jean (inventor). Issued 2-10-42.

2,273,023. Radiotelephone system. De Regnauld De Bellescize Henri Jean, Joseph Marie (inventors). Issued 2-17-42.

2,273,869. Resilient support. Julien Maurice Francois Alexandre (inventor). Issued 2-24-42.

2,273,913. Valve gear for compound locomotive engines. Walckenaer Francois Marie Andre Athanase (inventor); Schneider & Cie (grantee). Issued 2-24-42.

2,274,328. Olefin polymerization. Guinot Henri Martin (inventor); Les Usines de Melle (grantee). Issued 2-24-42.

2,274,430. Turning gear for internal combustion engines. Potez Henry Charles Alexandre (inventor). Issued 2-24-42.

2,274,593. Glucamine salts of amino phenylstibonic acid. Despois Robert Ludovic (inventor); Soc Des Usines Chimiques Rhone Poulenc (grantee). Issued 2-24-42.

2,274,652. Brace or like article. Bayon Henri Joseph (inventor). Issued 3-3-42.

2,275,966. Antivibration resilient support. Julien Maurice Francois Alexandre (inventor). Issued 3-10-42.

2,276,663. Airscrew system. Mercier Pierre Ernest (inventor). Issued 3-17-42.

2,276,688. Control device for ailerons and flaps. Dewoitine Emile Julien Eugene (inventor). Issued 3-17-42.

2,277,678. Electric furnace for melting glass. Borel Edouard Virgile (inventor); S A Des Manufactures Des Glaces and Produits Chimiques de Saint Gobain Chauny and Cirey (grantee). Issued 3-31-42.

2,277,679. Electric furnace for melting glass. Borel Edouard Virgile (inventor); S A Des Manufactures Des Glaces and Produits Chimiques de Saint Gobain Chauny and Cirey (grantee). Issued 3-31-42.

2,277,798. Gripping device serving both as hairpin and curler. Sylow Hansen Berthe Hortense born Hubert (inventor). Issued 3-31-42.

2,277,854. Colloidal tertiary calcium phosphate. Lecoq Louis Paul Victor (inventor). Issued 3-31-42.

2,277,855. Caterpillar tractor. Mercier Adrien (inventor). Issued 3-31-42.

2,277,885. Securing device. Rodanet Charles Hilaire Henri (inventor); S A Jaeger Aviation (grantee). Issued 3-31-42.

2,278,113. Galvanometer contact device. Moreau Henri (inventor). Issued 3-31-42.

2,278,192. Thermic process. Cantacuzene Georges Servan (inventor). Issued 3-31-42.

2,278,203. Intermittent recorder for angle measurement. Lepetit Albert (inventor). Issued 3-31-42.

2,278,217. Securing device utilizing the resilient distortion and incompressibility of rubber. Rodanet Charles Hilaire Henri (inventor); S A Jaeger Aviation (grantee). Issued 3-31-42.

2,278,660. Radiogoniometer. Lehmann Gerard (inventor). Issued 4-7-42.

2,278,722. Metallic coating. Loiseleur Jean (inventor); S A Des Manufactures Des Glaces & Produits Chimiques de Saint Gobain Chauny & Cirey (grantee). Issued 4-7-42.

2,279,246. Visual direction finding system. Podliasky Ilia et al, Guerbilsky Alexis (inventors). Issued 4-7-42.

2,279,615. Aircraft. Bugatti Ettore (inventor). Issued 4-14-42.

2,280,560. Protective treatment for wood. Vautherin Henri Marie Andre (inventor); Schelameur Pierre, Jacques de Liniers Yves Elie Marie (grantees). Issued 4-21-42.

2,280,669. Engine. Sklenar Ignac (inventor). Issued 4-21-42.

2,280,765. Gas turbine thermic engine. Anxionnaz Rene et al, Imbert Roger (inventors); Anxionnaz Rene, Soc Rateau (grantees). Issued 4-21-42.

2,281,045. Pump. Outin Jean (inventor); Soc La Precision Mecanique (grantee). Issued 4-28-42.

2,281,182. Process and apparatus for controlling moisture in granular and pulverulent substances. Chopin Marcel (inventor). Issued 4-28-42.

2,281,408. Method and apparatus for manufacture and treatment of glass and analogous substances. Borel Edouard Virgile (inventor); S A Des Manufactures Des Glaces & Produits Chimiques de Saint Gobain Chauny & Cirey (grantee). Issued 4-28-42.

2,282,638. Elastic wheel. Boyer Robert et al, Marin Marcel Gaestel Michel (inventors); Soc Goodrich S A (grantee). Issued 5-12-42.

2,282,693. Luminous torus. Abadie Jean Baptiste Joseph Marcel (inventor). Issued 5-12-42.

2,282,766. Toy for sports. Miremont Pierre Georges (inventor). Issued 5-12-42.

2,283,035. Process for the manufacture of 1458 tetraaminoanthraquinone. Bludow Pierre (inventor); Soc Rhodiaceta (grantee). Issued 5-12-42.

2,283,338. Drilling machine. Pegard Marcel (inventor). Issued 5-19-42.

2,283,449. Garlic separator. Meneux Charles et al, Bourdin Sylvain Gabriel, Chausse Louis (inventors). Issued 5-19-42.

2,283,598. Illuminating apparatus. Decalion Maurice (inventor); Soc Pour La Fabrication Des Projecteurs Electriques Marchal S A (grantee). Issued 5-19-42.

2,284,334. Exhaust device for internal combustion engines. Mercier Pierre Ernest (inventor). Issued 5-26-42.

2,284,990. Method and apparatus for electrical prospecting. Schlumberger Marcel (inventor). Issued 6-2-42.

2,285,388. Adjusting system for field glasses. Benard Jacques Alfred Victor (inventor). Issued 6-9-42.

2,285,604. Plant and device for fluid control. Mercier Jean (inventor). Issued 6-9-42.

2,285,669. Antenna. Lehmann Gerard (inventor); S A Des Industries Radioelectriques S A D I R (grantee). Issued 6-9-42.

2,286,150. Automatic wing lift varying device for aircraft. Mercier Pierre Ernest (inventor). Issued 6-9-42.

2,286,893. Apparatus & method for bending pipes bars plates & like pieces. Boissou Pierre (inventor); S A Des Hauts Fourneaux et Fonderies de Pont A Mousson (grantee). Issued 6-16-42.

2,287,691. Method of making self locking nuts. Marchou Elie Raoul (inventor). Issued 6-23-42.

2,287,844. Rubber covered paving block. Tiberghien Marcel (inventor); S A Dite Caoutchouc Reno (grantee). Issued 6-30-42.

2,288,207. Electrical switch particularly for control of warning and lighting devices for vehicles. Quillery Henri Paul Marcel (inventor). Issued 6-30-42.
2,288,420. Carriage control means of machine tools. Pegard Marcel (inventor). Issued 6-30-42.
2,288,581. Elastic wheel. Boyer Robert, et al, Marin Marcel, Gaestel Michel (inventors); Soc Goodrich S A (grantee). Issued 6-30-42.
2,289,145. Arrangement for controlling brakes with interposition of a servo brake. Salves Leon (inventor); Renault Louis (grantee). Issued 7-7-42.
2,289,286. Process for the manufacture of hydrated aluminum triformate. Mazabraud Edmond (inventor); Soc Normande de Produits Chimiques (grantee). Issued 7-7-42.
2,289,396. Mounting of accessories on aircraft. Waseige Charles Raymond (inventor); Air Equipment (grantee). Issued 7-14-42.
2,289,766. Powder catapult. Fieux Jean (inventor); Schneider and Cie (grantee). Issued 7-14-42.
2,290,479. Hydraulic control system. Mercier Jean (inventor. Issued 7-21-42.
2,290,607. Propeller. De Lavaud Robert Sensaud (inventor). 7-21-42.
2,290,610. Auxiliary carburetion device for supercharged internal combustion engines. Goudard Maurice (inventor); S A Solex (grantee). Issued 7-21-42.
2,290,766. Machine tool and especially radial drilling machine. Pegard marcel (inventor). Issued 7-21-42.
2,291,607. Cooling device for engines. Chausson Gaston Auguste (inventor); S A Des Usines Chausson (grantee). Issued 8-4-42.
2,292,731. Device for shaping pieces. Amiot Felix (inventor). Issued 8-11-42.
2,293,239. Assembly of metallic elements or the like. Brasseur Jacques (inventor); Soc Bronzavia (grantee). Issued 8-18-42.
2,293,372. Means for amplifying mechanical vibrations. Vasliach Serge (inventor); Soc Des Telephones Picart Lebas (grantee). Issued 8-18-42.
2,293,555. Distributor for fluid operated apparatus. Mercier Jean (inventor). Issued 8-18-42.
2,293,758. Gearbox. Pescara Raul Pateras (inventor). Issued 8-25-42.
2,293,948. Means for manufacturing glass. Peyches Yvan (inventor); S A des Manufactures des Glaces & Produits Chimiques de Saint Gabain Chauny & Cirey (grantee). Issued 8-25-42.
2,294,931. Vitreous enamel containing zirconium and process for preparing same. Paquet Maxime (inventor). Issued 9-8-42.
2,295,207. Selection of waves having superposed frequencies. Gabrilovitch Leonide (inventor). Issued 9-8-42.
2,295,573. Fuse setting apparatus for artillery projectiles. Fontaine Georges Marie Telesphore Alexandre (inventor); Schneider & cie (grantee). Issued 9-15-42.
2,296,238. Carbureted emissive electrode. Abadie Jean Baptiste Joseph Marcel (inventor). Issued 9-22-42.

[F. R. Doc. 43-5336; Filed, April 5, 1943; 2:47 p. m.]

OFFICE OF DEFENSE TRANSPORTATION.

[Special Order ODT B-41]

COORDINATED OPERATION BETWEEN CHICAGO, ILLINOIS, AND INDIANAPOLIS, INDIANA

EMPIRE TRAILS, INC., VICTORY TRAILWAYS, AND PENNSYLVANIA GREYHOUND LINES, INC.

Upon consideration of the application for authority to coordinate motor vehicle service in the transportation of passengers, filed with the Office of Defense Transportation by Empire Trails, Inc., Chicago, Illinois, Victory Trailways, Chicago, Illinois, and Pennsylvania Greyhound Lines, Inc., Cleveland, Ohio, pursuant to § 501.49 of General Order ODT 11, as amended (7 F.R. 4389, 11099), and in order to assure maximum utilization of the facilities, services, and equipment of common carriers of passengers by motor vehicle, and to conserve and providently utilize vital equipment, material and supplies, the attainment of which purposes is essential to the successful prosecution of the war, *It is hereby ordered*, That:

1. Empire Trails, Inc., Chicago, Illinois, Victory Trailways, Chicago, Illinois, and Pennsylvania Greyhound Lines, Inc., Cleveland, Ohio (hereinafter called "carriers"), respectively, in the transportation of passengers on the routes served by them between Chicago, Illinois, and Indianapolis, Indiana, as common carriers by motor vehicle, shall:

(a) Honor each other's tickets between all points common to their lines where equal fares apply and divert to each other traffic routed between such points for the purpose of relieving overloads and reducing the operation of additional equipment in extra sections;

(b) Adjust and establish schedules to eliminate duplication of times of departure of the respective carriers and provide reasonable frequency of service throughout the day;

(c) Wherever practicable eliminate duplicate depot facilities and commission ticket agencies and, in lieu thereof, utilize joint depot facilities and joint commission ticket agencies. Contracts, agreements, and arrangements for any such joint facilities and agencies shall not extend beyond the effective period of this order. At such depot facilities and commission ticket agencies used jointly by the carriers, service, travel information, and ticket sales shall be impartial, without preference or discrimination for or against either of such carriers.

2. Between Chicago, Illinois, and Indianapolis, Indiana, the Pennsylvania Greyhound Lines, Inc., shall operate a through service of not to exceed eleven (11) round trips daily, and Victory Trailways in conjunction with Empire Trails, Inc., shall operate a through service of not to exceed two (2) round trips daily.

3. The provisions of this order shall not be so construed or applied as to require either carrier to perform any service beyond its transportation capacity, or to permit either carrier to alter its legal liability to any passenger. In the event compliance with any term of this order would conflict with, or would not be authorized under, the existing interstate or intrastate operating authority of either carrier, such carrier shall apply forthwith to the appropriate regulatory body or bodies for the granting of such operating authority as may be requisite to compliance with the terms of this order, and shall prosecute such application with all possible diligence. The coordination of operations directed by this order shall be subject to the carriers' possessing or obtaining the requisite operating authority.

4. Each of the carriers shall file a copy of this order forthwith with the appropriate regulatory body or bodies having jurisdiction over any operations affected by this order, and shall likewise file, and publish in accordance with law, and continue in effect until further order, tariffs or supplements to filed tariffs, setting forth any changes in rates, charges, operations, rules, regulations and practices of the carrier which may be necessary to accord with the provisions of this order; and forthwith shall apply to such regulatory body or bodies for special permission for such tariffs or supplements to become effective on one day's notice.

5. Communications concerning this order should be addressed to the Division of Local Transport, Office of Defense Transportation, Washington, D. C., and should refer to "Special Order ODT B-41".

This order shall become effective April 28, 1943, and shall remain in full force and effect until the termination of the present war shall have been duly proclaimed or until such earlier time as the Office of Defense Transportation by further order may designate.

Issued at Washington, D. C., this 14th day of April 1943.

JOSEPH B. EASTMAN,
Director.

APRIL 14, 1943.

[F. R. Doc. 43-5947; Filed, April 16, 1943; 11:45 a. m.]

OFFICE OF PRICE ADMINISTRATION.

[Order 8 Under RPS 89]

SEARS, ROEBUCK & COMPANY

ORDER GRANTING ADJUSTMENT

Order 8 under § 1316.111 (d) (5) of Revised Price Schedule No. 89—Bed Linens; Docket No. 3089-11.

On April 7, 1942, Sears, Roebuck & Company, Chicago, Illinois, filed an application for adjustment pursuant to § 1316.111 (d) (5) of Revised Price Schedule No. 89. Due consideration has been given to the application, and opinion in support of this Order No. 8 has been issued simultaneously herewith and filed with the Division of the Federal Register.

For the reasons set forth in the opinion, under the authority vested in the Price Administrator by the Emergency Price Control Act of 1942, as amended, and Executive Order No. 9250, and in accordance with Revised Procedural Regulation No. 1, *It is hereby ordered:*

(a) Sears, Roebuck & Company may purchase, agree, offer or attempt to purchase from Riverside and Dan River Cotton Mills, Inc., Danville, Virginia, and Hesslein & Co., Inc., 77 Worth Street, selling agent for Commander Mills, Inc.; and Riverside and Dan River Cotton Mills, Inc., and Hesslein & Co., Inc., selling agent for Commander Mills, Inc., may sell and deliver, agree, offer, solicit and attempt to sell and deliver to Sears, Roebuck & Company, the kinds and

grades of bed linens set forth in paragraph (b), at prices no higher than those stated therein.

(b) The premiums set forth below may be added to the otherwise applicable maximum price on sales of Super Launderite sheets of the following sizes, made with two-ply warp yarns for 2 inches on each side and 2 inches in the center, and Super Launderite pillow cases of the following sizes, made with two-ply warp yarns for 2 inches on each side:

Size	Description	Premium (percent)
72 x 110	Sheet	4.09
81 x 101	Sheet	3.49
81 x 110	Sheet	3.51
42 x 36	Pillow case	4.53
42 x 36	Pillow case	4.19

(c) All prayers of the petition not granted herein are denied.

(d) This Order No. 8 may be revoked or amended by the Price Administrator at any time.

(e) This Order No. 8 shall become effective as of February 2, 1942.

Issued this 15th day of April 1943.

PRENTISS M. BROWN,
Administrator.

[F. R. Doc. 43-5920; Filed, April 15, 1943; 3:37 p. m.]

[Order 261 Under MPR 188 [1]]

MOSAIC TILE COMPANY

ADJUSTMENT OF MAXIMUM PRICES

Order No. 261 Under § 1499.158 of Maximum Price Regulation No. 188—Manufacturers' Maximum Prices For Specified Building Materials And Consumers' Goods Other Than Apparel.

For the reasons set forth in an opinion issued simultaneously herewith and filed with the Division of the Federal Register and pursuant to the authority vested in the Price Administrator by the Emergency Price Control Act of 1942, as amended, and Executive Order No. 9250, *It is ordered:*

(a) This Order No. 261 sets temporary maximum prices for sales of a new fireplace grate manufactured by the Mosaic Tile Company, Zanesville, Ohio. It applies only to the grate which has been described in an application submitted by the manufacturer to the Office of Price Administration. The order is temporary. No sales or deliveries may be made under its authority after December 31st, 1943.

The prices stated below as the maximum prices may be charged only if the manufacturer attaches to each grate a written warranty described in paragraph (b). If the manufacturer does not make the warranty, the maximum prices for sales by the manufacturer and by wholesalers and retailers shall be computed by deducting 25% from the prices stated below.

(1) For sales by the manufacturer to jobbers, the maximum price is $7.75, f. o. b. factory.

(2) For sales by the manufacturer to retailers, the maximum price is $8.53, f. o. b. factory.

(3) For sales at wholesale by a person other than the manufacturer, the maximum price is $10.33, f. o. b. the seller's city.

(4) For sales at retail, the maximum price is $15.50.

(b) The maximum prices set forth in paragraph (b) can be charged only if the manufacturer sells the grate with a written warranty in the following form:

The Mosaic Tile Company, Zanesville, Ohio, the manufacturer of this grate, warrants to the retailer and to any person buying from him that this grate will withstand the heat generated by the burning of coal, coke, or wood for one year from the date of purchase by the consumer. If the company desires to do so, it may add: "This warranty, however, does not protect against rough handling by the consumer." The warranty shall be attached to the grate before shipment by the manufacturer and shall not be detached until the grate had been delivered to the consumer.

(c) Before delivery of a grate to any purchaser for resale, the manufacturer shall attach a tag or label which plainly states that the retail ceiling price of a grate is $15.50. The tag or label shall not be detached until the grate has been delivered to the consumer.

(d) At or prior to the first invoice to each purchaser for resale, the manufacturer shall notify the purchaser of the maximum price set by this Order for resales by the purchaser. This notice may be given in any convenient form.

(e) This Order No. 261 may be revoked or amended by the Price Administrator at any time.

(f) Unless the context otherwise requires, the definitions set forth in § 1499.20 of the General Maximum Price Regulation shall apply to terms used herein.

This order shall become effective April 17, 1943, and shall terminate on the 31st day of December, 1943.

Issued this 16th day of April 1943.

PRENTISS M. BROWN,
Administrator.

[F. R. Doc. 43-5961; Filed, April 16, 1943; 11:52 a. m.]

[Amendment 2 to Order A-1 Under MPR 188]

CALCINED FLINT FIRE CLAY PRODUCERS IN COLORADO

MODIFICATION OF MAXIMUM PRICES

Amendment 2 to Order A-1 under § 1499.159b of Maximum Price Regulation No. 188—Manufacturers' Maximum Prices for Specified Building Materials and Consumers' Goods Other Than Apparel.

An opinion accompanying Amendment No. 2 to Order No. A-1 has been issued simultaneously herewith and filed with the Division of the Federal Register.

The title of Order No. A-1 is amended to read as set forth above.

Order No. A-1 is amended by adding a new subparagraph (a) (3) to read as follows:

(a) * * *

(3) *Modification of maximum prices for calcined flint fire clay.* (i) The maximum price for the sale and delivery of calcined flint fire clay produced in the State of Colorado shall be $7.35 per net ton f. o. b., producers' plant.

(ii) *Definitions.* For the purposes of this subparagraph (3) the term "calcined flint fire clay" means a flint fire clay which has been heat-treated to a temperature from 1500° to 2200° Fahrenheit.

This amendment shall become effective April 17, 1943.

(Pub. Laws 421 and 729, 77th Cong.; E.O. 9250, 7 F.R. 7871)

Issued this 16th day of April 1943.

PRENTISS M. BROWN,
Administrator.

[F. R. Doc. 43-5962; Filed, April 16, 1943; 11:52 a. m.]

[Order 34 Under MPR 152]

FALL RIVER CANNING COMPANY

APPROVAL OF MAXIMUM PRICES

Order No. 34 under Maximum Price Regulation No. 152—Canned Vegetables.

The Fall River Canning Company, Fall River, Wisconsin, has filed an application for specific authorization to charge particular maximum prices pursuant to § 1341.22 (d) of Maximum Price Regulation No. 152.

Due consideration has been given to the information submitted by applicant with respect to the packing of certain items of peas in certain container sizes.

For the reasons set forth in the opinion which accompanies this order and under the authority vested in the Price Administrator by the Emergency Price Control Act of 1942, as amended, and Executive Order No. 9250, *It is hereby ordered,* That:

(a) The Fall River Canning Company may sell, offer to sell or deliver and any person may buy, offer to buy or receive the following commodities at the maximum prices indicated:

Container size	Commodity	Authorized maximum price per dozen f. o. b. factory
No. 1 size cans.	Standard 2 sieve Alaska peas	$0.775
No. 1 size cans.	Extra standard 3 sieve sweet peas	.875
No. 1 size cans.	Extra standard 6 sieve sweet peas	.825
No. 1 size cans.	Standard 2 sieve sweet peas	.80
No. 1 size cans.	Standard 6 sieve sweet peas	.775
No. 1 size cans.	Fancy ungraded as to sieve size sweet peas.	.875
No. 1 size cans.	Extra standard ungraded as to sieve size sweet peas.	.85
No. 1 size cans.	Standard ungraded as to sieve size sweet peas.	.825
No. 2 size cans.	Sub-standard ungraded as to sieve size sweet peas.	1.025
No. 1 size cans.	Sub-standard ungraded as to sieve size sweet peas.	.75

[1] 7 F.R. 5872, 7967, 8943, 8948, 10155; 8 F.R. 537, 1815, 1980, 3105, 3788, 3850, 4140.

(b) This Order No. 34 may be revoked or amended by the Price Administrator at any time.

(c) The applicant, Fall River Canning Company, shall not change its customary allowances, discounts or price differentials unless such change results in a lower price.

(d) Unless the context otherwise requires, the definitions set forth in § 1341.30 of Maximum Price Regulation No. 152 and section 302 of the Emergency Price Control Act of 1942, as amended, shall be applicable to the terms used herein.

(e) This order shall become effective on April 17, 1943.

Issued this 16th day of April 1943.

PRENTISS M. BROWN,
Administrator.

[F. R. Doc. 43-5957; Filed, April 16, 1943; 11:53 a. m.]

[Order 262 Under MPR 188]

CONCO BUILDING PRODUCTS, INC.

AUTHORIZATION OF MAXIMUM PRICES

Order No. 262 under § 1499.158 of Maximum Price Regulation No. 188—Manufacturers' Maximum Prices for Specified Building Materials and Consumers' Goods Other Than Apparel.

Maximum prices for sales of a new fireplace grate distributed by Conco Building Products, Inc.

For the reasons set forth in an opinion issued simultaneously herewith and filed with the Division of the Federal Register and pursuant to the authority vested in the Price Administrator by the Emergency Price Control Act of 1942, as amended, and Executive Order No. 9250, *It is ordered:*

(a) This Order No. 262 sets temporary maximum prices for sales of a new fireplace grate manufactured for Conco Building Products, Inc., Mendota, Illnois, by Ceramic Supply Company, Brooksville, Ohio. It applies only to the grate which has been described in an application submitted by the manufacturer to the Office of Price Administration. The order is temporary. No sales or deliveries may be made under its authority after December 31, 1943.

The prices stated below may be charged only if Conco Building Products, Inc. attaches to the grate a written warranty described in paragraph (b). If the company does not make the warranty, the maximum prices for sales by that company and by wholesalers and retailers should be computed by deducting 25% from the prices stated below.

(1) For sales by Ceramic Supply to Conco Building Products, Inc., the maximum is $6.10.

(2) For sales by Conco Building Products, Inc., to wholesalers or jobbers, the maximum prices is $7.50, f. o. b. Crooksville, Ohio.

(3) For sales by Conco Building Products, Inc., to retailers, the maximum price is $8.25, f. o. b. Creeksville, Ohio.

(4) For sales at wholesale by persons other than Conco Building Products, Inc., the maximum price is $10.00, f. o. b. the seller's city.

(5) For sales at retail, the maximum price is $15.00.

(b) The maximum prices set forth in subparagraphs (2), (3), (4), and (5) of paragraph (a) can be charged only if Conco Building Products, Inc., sells the grate with a written warranty in the following form:

Conco Building Products, Inc., Mendota, Illinois, warrants to the retailer and to any person buying from him that this grate will withstand the heat generated by the burning of coal, coke, or wood for one year from the date of purchase by the consumer.

If the company desires to do so, it may add:

This warranty, however, does not protect against rough handling by the consumer.

The warranty shall be attached to the grate before shipment by Conco Building Products, Inc., and shall not be detached until after the grate has been delivered to the consumer.

(c) Before delivery of a fireplace grate to any purchaser for resale, Conco Building Products, Inc. shall attach a tag or label which plainly states the retail ceiling price of the grate. For example, a statement in the following form would be sufficient: "Retail Ceiling Price $15.00". The tag or label should not be detached until the grate has been delivered to the consumer.

(d) At or before the time of the first delivery after the effective date of this order. Conco Building Products, Inc. shall notify in writing every person who buys from it of the maximum price set by this Order No. 262 for resales by the purchaser. This written notice may be given in any convenient manner; for example, it may be shown on or attached to the invoice, or packed with the merchandise.

(e) This Order No. 262 may be revoked or amended by the Price Administrator at any time.

(f) Unless the context otherwise requires, the definitions set forth in § 1499.20 of the General Maximum Price Regulation shall apply to terms used herein.

This order shall become effective on the 17th day of April 1943, and shall terminate on the 31st day of December, 1943.

Issued this 16th day of April 1943.

PRENTISS M. BROWN,
Administrator.

[F. R. Doc. 43-5960; Filed, April 16, 1943; 11:52 a. m.]

[Order 263 Under MPR 188]

NATIONAL SEWING MACHINE CO.

APPROVAL OF MAXIMUM PRICE

Order No. 263 under § 1499.158 of Maximum Price Regulation No. 188—Manufacturers' Maximum Prices for Specified Building Materials and Consumers' Goods Other Than Apparel.

Approval of maximum price for sale by the National Sewing Machine Company, Belvidere, Illinois, of 11 items of utility cabinets and tables.

For the reasons set forth in an opinion issued simultaneously herewith and filed with the Division of the Federal Register, and pursuant to the authority vested in the Price Administrator by the Emergency Price Control Act of 1942, as amended, and Executive Order No. 9250, *It is ordered:*

(a) National Sewing Machine Company of Belvidere, Illinois is authorized to sell and deliver the utility cabinets and tables listed herein at prices no higher than those set forth below:

No. 3899 Single door wood utility cabinet, white enamel	$9.08
No. 3900 Black base, left hand door or right hand door	9.08
No. 3901 Double door wood utility cabinet, white enam., black base	11.49
No. 4640 Single door wood utility cabinet, unpainted	7.72
No. 4641 Double door wood utility cabinet, unpainted	9.71
No. 4126 Maple Drop leaf table, unpainted	8.50
No. 3973 Double door wood oversink cabinet, white enamel	5.86
No. 3974 Double door wood undersink cabinet, white enamel	5.95
No. 3904 Double door small wall cabinet, white enamel	7.60
No. 3905 Small base cabinet—linoleum table top, one drawer, two doors, white enameled	15.29
No. 3907 Double door large wall cabinet, white enameled	8.34
No. 3908 Large base cabinet—linoleum table top, two drawers, two doors, white enameled	19.45

(b) This Order No. 263 may be revoked or amended by the Price Administrator at any time.

(c) This Order No. 263 shall become effective on the 17th day of April 1943.

Issued this 16th day of April 1943.

PRENTISS M. BROWN,
Administrator.

[F. R. Doc. 43-5954; Filed, April 16, 1943; 11:56 a. m.]

[Order 34 Under RPS 57]

BIGELOW SANFORD CARPET CO.

APPROVAL OF MAXIMUM PRICES

Order No. 34 under Revised Price Schedule No. 57—Wool Floor Coverings.

For the reasons set forth in an opinion issued simultaneously herewith and filed with the Division of the Federal Register and by virtue of the authority vested in the Price Administrator under the Emergency Price Control Act of 1942, as amended, and Executive Order No. 9250, *It is hereby ordered:*

(a) Bigelow Sanford Carpet Company may sell, offer to sell, deliver or transfer the new fabrics designated as Burnell and Raypoint at prices no higher than those set forth below:

Burnell at $3.01 per square yard f. o. b. mill roll.

Raypoint at $4.60 per square yard f. o. b. mill roll.

The prices listed above for Burnell and Raypoint shall be subject to discounts, allowances, and rebates no less favorable than those in effect as to Bushnell and Gropoint under § 1352.1 of Revised Price Schedule No. 57.

(b) This Order No. 34 may be revoked or amended by the Price Administrator at any time.

(c) Unless the context otherwise requires, the definitions set forth in § 1352.11 of Revised Price Schedule No. 57 shall apply to terms used herein.

This order shall become effective on the 17th day of April 1943.

Issued this 16th day of April 1943.

PRENTISS M. BROWN,
Administrator.

[F. R. Doc. 43-5959; Filed, April 16, 1943; 11:52 a. m.]

[Order 1 Under 2d Rev. Maximum Export Price Regulation]

RICHARD B. FRENKEL

ORDER GRANTING PETITION FOR RELIEF

Order No. 1 under the 2d Revised Maximum Export Price Regulation; Docket No. ME3-28.

The opinion accompanying this order, issued simultaneously herewith, has been filed with the Division of the Federal Register, and in accordance with section 12 of the 2d Revised Maximum Export Price Regulation, *It is hereby ordered:*

(a) Richard B. Frenkel, 211 West 106 Street, New York, New York, is authorized to invoice directly to the Government of Guatemala the following commodities at the prices c. i. f. Suchiate or Puerto Barrios, Guatemala, as indicated below:

250 Gross ⅝-inch Harness buckles, cast iron japanned, $3.25 per gross
250 Gross 1-inch Harness buckles, cast iron japanned, $3.25 per gross
139 Gross 1¼-inch Harness buckles, cast iron japanned, 7.15 per gross
330 Yards bleached twills, mercerized cotton 28" wide, .50 per yard
4900 Lbs. copper belt rivets and burs No. 14, ⅝", .85 per pound
300 Lbs. of music wire (half tempered steel wire), 1.00 per pound
695 Gross lead pencils, 2.50 per gross
50,000 Wooden penholders, 18.00 per 1,000
8,000 Liters of powdered ink in liter envelopes, .06 per liter
Electric Bulbs:
500 115 V 25 Watts clear finish, .288 per bulb
500 115 V 60 Watts clear finish, .264 per bulb
300 115 V 100 Watts clear finish, .288 per bulb

(b) This Order No. 1 may be revoked or amended by the Price Administrator at any time.

(c) This Order No. 1 shall become effective April 17, 1943.

(Pub. Laws 421 and 729, 77th Cong.; E.O. 9250, 7 F.R. 7871)

Issued this 16th day of April 1943.

PRENTISS M. BROWN,
Administrator.

[F. R. Doc. 43-5955; Filed, April 16, 1943; 11:56 a. m.]

SECURITIES AND EXCHANGE COMMISSION.

[File Nos. 59-8; 70-676]

COMMONWEALTH & SOUTHERN CORP., ET AL.

ORDER APPROVING APPLICATION

At a regular session of the Securities and Exchange Commission, held at its office in the City of Philadelphia, Pa., on the 12th day of April 1943.

In the matter of The Commonwealth & Southern Corporation and its subsidiary companies, Respondents, File No. 59-8; Transportation Securities Corporation, and the Commonwealth & Southern Corporation, File No. 70-676.

Transportation Securities Corporation ("Transportation") and The Commonwealth & Southern Corporation ("Commonwealth"), its parent company and a registered holding company, having filed an application with this Commission pursuant to the Public Utility Holding Company Act of 1935 regarding the acquisition by Transportation of 18,000 shares of Commonwealth's preferred stock, $6 Series, in consideration for the sale by Transportation of its investment in Springfield Transportation Company; and the Commission having granted such application subject, however, to certain terms and conditions including the requirement that within fifteen days after the consummation of the aforesaid transaction Commonwealth shall take steps to purchase from Transportation for cash, at a price to be approved by the Commission, the aforesaid 18,000 shares of Commonwealth's preferred stock which are to be acquired by Transportation and the reservation of jurisdiction with respect to accounting entries on the books of Transportation and Commonwealth relating to the aforementioned transaction; and

Transportation and Commonwealth having filed an amendment to the application requesting approval of the acquisition of the said 18,000 shares of preferred stock by Commonwealth from Transportation for cash in the amount of $950,000 and designating accounting entries to be made on the books of Transportation and Commonwealth; and

It appearing to the Commission that it is appropriate in the public interest and in the interest of investors and consumers that such acquisition be approved and that it is unnecessary to further reserve jurisdiction concerning such accounting entries;

It is ordered, That the application as amended in regard to the acquisition by The Commonwealth & Southern Corporation of 18,000 shares of its preferred stock from Transportation Securities Corporation for a cash consideration of $950,000 be and hereby is approved and that jurisdiction be and is hereby released, in so far as the present proceeding is concerned, in respect of the proposed accounting entries on the books of such companies; such approval and release of jurisdiction are subject, however, to the condition that jurisdiction is reserved with respect to the use of the proceeds accruing to Transportation Securities Corporation and are subject further to the conditions prescribed by Rule U-24.

By the Commission.

[SEAL] ORVAL L. DUBOIS,
Secretary.

[F. R. Doc. 43-5907; Filed, April 15, 1943; 2:50 p. m.]

[File No. 70-540]

TRI-CITY UTILITIES CO. AND KENTUCKY UTILITIES CO.

ORDER MODIFYING CONDITIONS AND GRANTING EXTENSION OF TIME

At a regular session of the Securities and Exchange Commission, held at its office in the City of Philadelphia, Pa., on the 14th day of April 1943.

In the matter of Tri-City Utilities Company, successor in interest herein to Kentucky-Tennessee Light and Power Company, and Kentucky Utilities Company, File No. 70-540.

Applications and declarations, and amendments thereto, having been filed with this Commission by Tri-City Utilities Company, a subsidiary of Associated Electric Company, a registered holding company, and Kentucky Utilities Company, a registered holding company and a subsidiary of The Middle West Corporation, a registered holding company, pursuant to sections 10 and 12 (d), and Rule U-44 thereunder, of the Public Utility Holding Company Act of 1935, regarding the sale and exchange of certain electric public utility properties; and

The Commission having by order dated August 17, 1942, granted the applications and permitted the declarations to become effective, subject to the terms and conditions prescribed in Rule U-24; and having by further orders entered herein on October 9, 1942, December 17, 1942, and February 17, 1943, modified the said conditions to the extent necessary to extend the time within which such transactions may be consummated to April 17, 1943; and

Tri-City Utilities Company and Kentucky Utilities Company having requested that the said conditions be further modified to the extent necessary to extend the time within which the transactions as set forth in the applications and declarations may be consummated to June 17, 1943; and the Commission deeming it appropriate that such request be granted;

It is ordered, That the conditions contained in the order of August 17, 1942, be and hereby are modified to the extent necessary to extend the time within which such transactions may be consummated to June 17, 1943.

By the Commission.

[SEAL] ORVAL L. DUBOIS,
Secretary.

[F. R. Doc. 43-5908; Filed, April 15, 1943; 2:50 p. m.]

[File Nos. 59-34; 59-56]

NEW ENGLAND GAS AND ELECTRIC ASSOCIATION ET AL.

ORDER REMOVING HEARING TO BOSTON, MASSACHUSETTS

At a regular session of the Securities and Exchange Commission, held at its office in the City of Philadelphia, Pa., on the 14th day of April 1943.

In the matter of New England Gas and Electric Association, Paul Smith, Alexander Speer, and Frederick W. Bartow, as trustees of Gas and Electric Associates; Francis G. Goodale, as trustee of Utility Investing Trust; Denis J. Driscoll and Willard L. Thorp, as trustees of Associated Gas and Electric Corporation; Stanley Clarke, as trustee of Associated Gas and Electric Company, File No. 59-34; in the matter of New England Gas and Electric Association, File No. 59-56.

The Commission, by order dated February 17, 1943, having instituted proceedings with respect to New England Gas and Electric Association under sections 11 (a), 11 (b) (2), 12 (f), 12 (g), 15 (f), and 20 (a) of the said Act, and having consolidated such proceedings for hearing with the proceedings under section 11 (b) (1) of the said Act directed against said New England Gas and Electric Association, and having named certain persons as additional parties to said proceedings; hearings having been held on the consolidated matter on March 4, 1943, and April 6, 1943, and said hearings having been continued until April 21, 1943; and

Counsel for the Trustee of Associated Gas and Electric Company and the Trustees of Associated Gas and Electric Corporation having requested that the continued hearing in this matter be reconvened in Boston, Massachusetts; and

The Commission having considered the matter, and it appearing to the Commission that the continued hearing should be reconvened at the offices of the Securities and Exchange Commission at Boston, Massachusetts;

It is ordered, That the continued hearing in this matter be held on April 21, 1943, at 10 a. m., E. W. T., at the offices of the Securities and Exchange Commission, Room 426, Shawmut Bank Building, 82 Devonshire Street, Boston, Massachusetts, before the same trial examiner heretofore designated, and that said hearing shall be continued thereafter from time to time and at such places as the trial examiner shall direct.

By the Commission.

[SEAL] ORVAL L. DUBOIS, *Secretary.*

[F. R. Doc. 43-5909; Filed, April 15, 1943; 2:50 p. m.]

[File No. 1-1832]

FIREMAN'S FUND INSURANCE COMPANY

ORDER SETTING HEARING ON APPLICATION TO WITHDRAW FROM LISTING AND REGISTRATION

At a regular session of the Securities and Exchange Commission, held at its office in the City of Philadelphia, Pa., on the 13th day of April, A. D. 1943.

The Fireman's Fund Insurance Company, pursuant to section 12 (d) of the Securities Exchange Act of 1934 and Rule X-12D2-1 (b) promulgated thereunder, having made application to the Commission to withdraw its capital stock from listing and registration on the San Francisco Stock Exchange; and

The Commission deeming it necessary for the protection of investors that a hearing be held in this matter at which all interested persons be given an opportunity to be heard;

It is ordered, That the matter be set down for hearing on Monday, May 24, 1943, at 10:00 a. m. or as soon thereafter as counsel can be heard, at the office of the Commission, 625 Market Street, San Francisco, California, and continue thereafter at such times and places as the Commission or its officer herein designated shall determine, and that general notice thereof be given; and

It is further ordered, That John G. Clarkson, an officer of the Commission, be and he hereby is designated to administer oaths and affirmations, subpoena witnesses, compel their attendance, take evidence, and require the production of any books, papers, correspondence, memoranda or other records deemed relevant or material to the inquiry, and to perform all other duties in connection therewith authorized by law.

By the Commission.

[SEAL] ORVAL L. DUBOIS, *Secretary.*

[F. R. Doc. 43-5910; Filed, April 15, 1943; 2:50 p. m.]

[File No. 1-1833]

HOME FIRE AND MARINE INSURANCE COMPANY OF CALIFORNIA

ORDER SETTING HEARING ON APPLICATION TO WITHDRAW FROM LISTING AND REGISTRATION

At a regular session of the Securities and Exchange Commission, held at its office in the City of Philadelphia, Pa., on the 13th day of April, A. D. 1943.

The Home Fire and Marine Ins. Co. of Cal. pursuant to section 12 (d) of the Securities Exchange Act of 1934 and Rule X-12D2-1 (b) promulgated thereunder, having made application to the Commission to withdraw its Capital Stock from listing and registration on the San Francisco Stock Exchange; and

The Commission deeming it necessary for the protection of investors that a hearing be held in this matter at which all interested persons be given an opportunity to be heard;

It is ordered, That the matter be set down for hearing on Monday, May 24, 1943, at 10:00 a. m., or as soon thereafter as counsel can be heard, at the office of the Commission, 625 Market Street, San Francisco, California, and continue thereafter at such times and places as the Commission or its officer herein designated shall determine, and that general notice thereof be given; and

It is further ordered, That John G. Clarkson, an officer of the Commission, be and he hereby is designated to administer oaths and affirmations, subpoena witnesses, compel their attendance, take evidence, and require the production of any books, papers, correspondence, memoranda or other records deemed relevant or material to the inquiry, and to perform all other duties in connection therewith authorized by law.

By the Commission.

[SEAL] ORVAL L. DUBOIS, *Secretary.*

[F. R. Doc. 43-5911; Filed, April 15, 1943; 2:50 p. m.]

[File No. 1-1834]

OCCIDENTAL INSURANCE COMPANY

ORDER SETTING HEARING ON APPLICATION TO WITHDRAW FROM LISTING AND REGISTRATION

At a regular session of the Securities and Exchange Commission, held at its office in the City of Philadelphia, Pa., on the 13th day of April, A. D. 1943.

The Occidental Insurance Company, pursuant to section 12 (d) of the Securities Exchange Act of 1934 and Rule X-12D2-1 (b) promulgated thereunder, having made application to the Commission to withdraw its Capital Stock from listing and registration on the San Francisco Stock Exchange; and

The Commission deeming it necessary for the protection of investors that a hearing be held in this matter at which all interested persons be given an opportunity to be heard;

It is ordered, That the matter be set down for hearing on Monday, May 24, 1943, at 10:00 a. m., or as soon thereafter as counsel can be heard, at the office of the Commission, 625 Market Street, San Francisco, California, and continue thereafter at such times and places as the Commission or its officer herein designated shall determine, and that general notice thereof be given; and

It is further ordered, That John G. Clarkson, an officer of the Commission, be and he hereby is designated to administer oaths and affirmations, subpoena witnesses, compel their attendance, take evidence, and require the production of any books, papers, correspondence, memoranda or other records deemed relevant or material to the inquiry, and to perform all other duties in connection therewith authorized by law.

By the Commission.

[SEAL] ORVAL L. DUBOIS, *Secretary.*

[F. R. Doc. 43-5912; Filed, April 15, 1943; 2:50 p. m.]

[Filed No. 1-1835]

FIREMAN'S FUND INDEMNITY COMPANY

ORDER SETTING HEARING ON APPLICATION TO WITHDRAW FROM LISTING AND REGISTRATION

At a regular session of the Securities and Exchange Commission, held at its office in the City of Philadelphia, Pa., on the 13th day of April, A. D. 1943.

The Fireman's Fund Indemnity Company, pursuant to section 12 (d) of the Securities Exchange Act of 1934 and Rule X-12D2-1 (b) promulgated thereunder, having made application to the Commis-

sion to withdraw its Capital Stock from listing and registration on the San Francisco Stock Exchange; and

The Commission deeming it necessary for the protection of investors that a hearing be held in this matter at which all interested persons be given an opportunity to be heard;

It is ordered, That the matter be set down for hearing on Monday, May 24, 1943, at 10:00 a. m., or as soon thereafter as counsel can be heard, at the office of the Commission, 625 Market Street, San Francisco, California, and continue thereafter at such times and places as the Commission or its officer herein designated shall determine, and that general notice thereof be given; and

It is further ordered, That John G. Clarkson, an officer of the Commission, be and he hereby is designated to administer oaths and affirmations, subpoena witnesses, compel their attendance, take evidence, and require the production of any books, papers, correspondence, memoranda or other records deemed relevant or material to the inquiry, and to perform all other duties in connection therewith authorized by law.

By the Commission.

[SEAL] ORVAL L. DUBOIS,
Secretary.

[F. R. Doc. 43-5913; Filed, April 15, 1943; 2:51 p. m.]

WAR PRODUCTION BOARD.

[Certificate 52]

COORDINATED OPERATION BETWEEN CHICAGO, ILLINOIS, AND INDIANAPOLIS, INDIANA.

The ATTORNEY GENERAL:

I submit herewith Special Order ODT B-41 [1] issued by the Director of the Office of Defense Transportation with respect to the coordination of motor vehicle service in the transportation of passengers by Empire Trails, Inc., Chicago, Illinois; Victory Trailways, Chicago, Illinois; and Pennsylvania Greyhound Lines, Inc., Cleveland, Ohio.

For the purposes of section 12 of Public Law No. 603, 77th Congress (56 Stat. 357), I approve the Special Order; and after consultation with you, I hereby find and so certify to you that the doing of any act or thing, or the omission to do any act or thing, by any person in compliance with Special Order ODT B-41 is requisite to the prosecution of the war.

DONALD M. NELSON,
Chairman.

APRIL 14, 1943.

[F. R. Doc. 43-5946; Filed, April 16, 1943; 11:45 a. m.]

[1] *Supra.*