

§ 103. Conditions for patentability; non-obvious subject matter

A patent for a claimed invention may not be obtained, notwithstanding that the claimed invention is not identically disclosed as set forth in section 102, if the differences between the claimed invention and the prior art are such that the claimed invention as a whole would have been obvious before the effective filing date of the claimed invention to a person having ordinary skill in the art to which the claimed invention pertains. Patentability shall not be negated by the manner in which the invention was made.

(July 19, 1952, ch. 950, 66 Stat. 798; Pub. L. 98-622, title I, §103, Nov. 8, 1984, 98 Stat. 3384; Pub. L. 104-41, §1, Nov. 1, 1995, 109 Stat. 351; Pub. L. 106-113, div. B, §1000(a)(9) [title IV, §4807(a)], Nov. 29, 1999, 113 Stat. 1536, 1501A-591; Pub. L. 108-453, §2, Dec. 10, 2004, 118 Stat. 3596; Pub. L. 112-29, §§3(c), 20(j), Sept. 16, 2011, 125 Stat. 287, 335.)

HISTORICAL AND REVISION NOTES

There is no provision corresponding to the first sentence explicitly stated in the present statutes, but the refusal of patents by the Patent Office, and the holding of patents invalid by the courts, on the ground of lack of invention or lack of patentable novelty has been followed since at least as early as 1850. This paragraph is added with the view that an explicit statement in the statute may have some stabilizing effect, and also to serve as a basis for the addition at a later time of some criteria which may be worked out.

The second sentence states that patentability as to this requirement is not to be negated by the manner in which the invention was made, that is, it is immaterial whether it resulted from long toil and experimentation or from a flash of genius.

Editorial Notes

AMENDMENTS

2011—Pub. L. 112-29, §3(c), amended section generally. Prior to amendment, section consisted of subsecs. (a) to (c) and related to conditions for patentability; non-obvious subject matter.

Subsecs. (a), (c)(1). Pub. L. 112-29, §20(j), struck out “of this title” after “102”.

2004—Subsec. (c). Pub. L. 108-453 amended subsec. (c) generally. Prior to amendment, subsec. (c) read as follows: “Subject matter developed by another person, which qualifies as prior art only under one or more of subsections (e), (f), and (g) of section 102 of this title, shall not preclude patentability under this section where the subject matter and the claimed invention were, at the time the invention was made, owned by the same person or subject to an obligation of assignment to the same person.”

1999—Subsec. (c). Pub. L. 106-113 substituted “one or more of subsections (e), (f), and (g)” for “subsection (f) or (g)”.

1995—Pub. L. 104-41 designated first and second pars. as subsecs. (a) and (c), respectively, and added subsec. (b).

1984—Pub. L. 98-622 inserted “Subject matter developed by another person, which qualifies as prior art only under subsection (f) or (g) of section 102 of this title, shall not preclude patentability under this section where the subject matter and the claimed invention were, at the time the invention was made, owned by the same person or subject to an obligation of assignment to the same person.”

Statutory Notes and Related Subsidiaries

EFFECTIVE DATE OF 2011 AMENDMENT

Amendment by section 3(c) of Pub. L. 112-29 effective upon the expiration of the 18-month period beginning on Sept. 16, 2011, and applicable to certain applications for patent and any patents issuing thereon, see section 3(n) of Pub. L. 112-29, set out as an Effective Date of 2011 Amendment; Savings Provisions note under section 100 of this title.

Amendment by section 20(j) of Pub. L. 112-29 effective upon the expiration of the 1-year period beginning on Sept. 16, 2011, and applicable to proceedings commenced on or after that effective date, see section 20(l) of Pub. L. 112-29, set out as a note under section 2 of this title.

EFFECTIVE DATE OF 2004 AMENDMENT

Pub. L. 108-453, §3, Dec. 10, 2004, 118 Stat. 3596, provided that:

“(a) IN GENERAL.—The amendments made by this Act [amending this section] shall apply to any patent granted on or after the date of the enactment of this Act [Dec. 10, 2004].

“(b) SPECIAL RULE.—The amendments made by this Act shall not affect any final decision of a court or the United States Patent and Trademark Office rendered before the date of the enactment of this Act, and shall not affect the right of any party in any action pending before the United States Patent and Trademark Office or a court on the date of the enactment of this Act to have that party’s rights determined on the basis of the provisions of title 35, United States Code, in effect on the day before the date of the enactment of this Act.”

EFFECTIVE DATE OF 1999 AMENDMENT

Pub. L. 106-113, div. B, §1000(a)(9) [title IV, §4807(b)], Nov. 29, 1999, 113 Stat. 1536, 1501A-591, provided that: “The amendment made by this section [amending this section] shall apply to any application for patent filed on or after the date of the enactment of this Act [Nov. 29, 1999].”

EFFECTIVE DATE OF 1995 AMENDMENT

Pub. L. 104-41, §3, Nov. 1, 1995, 109 Stat. 352, provided that: “The amendments made by section 1 [amending this section] shall apply to any application for patent filed on or after the date of enactment of this Act [Nov. 1, 1995] and to any application for patent pending on such date of enactment, including (in either case) an application for the reissuance of a patent.”

EFFECTIVE DATE OF 1984 AMENDMENT

Pub. L. 98-622, title I, §106, Nov. 8, 1984, 98 Stat. 3385, provided that:

“(a) Subject to subsections (b), (c), (d), and (e) of this section, the amendments made by this Act [probably should be “this title”, meaning title I of Pub. L. 98-622, enacting section 157 of this title, amending this section and sections 116, 120, 135, and 271 of this title, and enacting a provision set out as a note under section 157 of this title] shall apply to all United States patents granted before, on, or after the date of enactment of this Act [Nov. 8, 1984], and to all applications for United States patents pending on or filed after the date of enactment.

“(b) The amendments made by this Act shall not affect any final decision made by the court or the Patent and Trademark Office before the date of enactment of this Act [Nov. 8, 1984], with respect to a patent or application for patent, if no appeal from such decision is pending and the time for filing an appeal has expired.

“(c) Section 271(f) of title 35, United States Code, added by section 101 of this Act shall apply only to the supplying, or causing to be supplied, of any component or components of a patented invention after the date of enactment of this Act [Nov. 8, 1984].

“(d) No United States patent granted before the date of enactment of this Act [Nov. 8, 1984] shall abridge or affect the right of any person or his successors in busi-

ness who made, purchased, or used prior to such effective date anything protected by the patent, to continue the use of, or to sell to others to be used or sold, the specific thing so made, purchased, or used, if the patent claims were invalid or otherwise unenforceable on a ground obviated by section 103 or 104 of this Act [amending this section and sections 116 and 120 of this title] and the person made, purchased, or used the specific thing in reasonable reliance on such invalidity or unenforceability. If a person reasonably relied on such invalidity or unenforceability, the court before which such matter is in question may provide for the continued manufacture, use, or sale of the thing made, purchased, or used as specified, or for the manufacture, use, or sale of which substantial preparation was made before the date of enactment of this Act, and it may also provide for the continued practice of any process practiced, or for the practice of which substantial preparation was made, prior to the date of enactment, to the extent and under such terms as the court deems equitable for the protection of investments made or business commenced before the date of enactment.

“(e) The amendments made by this Act shall not affect the right of any party in any case pending in court on the date of enactment [Nov. 8, 1984] to have their rights determined on the basis of the substantive law in effect prior to the date of enactment.”

[§ 104. Repealed. Pub. L. 112-29, § 3(d), Sept. 16, 2011, 125 Stat. 287]

Section, act July 19, 1952, ch. 950, 66 Stat. 798; Pub. L. 93-596, § 1, Jan. 2, 1975, 88 Stat. 1949; Pub. L. 94-131, § 6, Nov. 14, 1975, 89 Stat. 691; Pub. L. 98-622, title IV, § 403(a), Nov. 8, 1984, 98 Stat. 3392; Pub. L. 103-182, title III, § 331, Dec. 8, 1993, 107 Stat. 2113; Pub. L. 103-465, title V, § 531(a), Dec. 8, 1994, 108 Stat. 4982; Pub. L. 106-113, div. B, § 1000(a)(9) [title IV, § 4732(a)(10)(A)], Nov. 29, 1999, 113 Stat. 1536, 1501A-582; Pub. L. 107-273, div. C, title III, § 13206(b)(1)(B), Nov. 2, 2002, 116 Stat. 1906; Pub. L. 112-29, § 20(j), Sept. 16, 2011, 125 Stat. 335, related to inventions made abroad.

Statutory Notes and Related Subsidiaries

EFFECTIVE DATE OF REPEAL

Repeal effective upon the expiration of the 18-month period beginning on Sept. 16, 2011, and applicable to certain applications for patent and any patents issuing thereon, see section 3(n) of Pub. L. 112-29, set out as an Effective Date of 2011 Amendment; Savings Provisions note under section 100 of this title.

§ 105. Inventions in outer space

(a) Any invention made, used or sold in outer space on a space object or component thereof under the jurisdiction or control of the United States shall be considered to be made, used or sold within the United States for the purposes of this title, except with respect to any space object or component thereof that is specifically identified and otherwise provided for by an international agreement to which the United States is a party, or with respect to any space object or component thereof that is carried on the registry of a foreign state in accordance with the Convention on Registration of Objects Launched into Outer Space.

(b) Any invention made, used or sold in outer space on a space object or component thereof that is carried on the registry of a foreign state in accordance with the Convention on Registration of Objects Launched into Outer Space, shall be considered to be made, used or sold within the United States for the purposes of this title if specifically so agreed in an international

agreement between the United States and the state of registry.

(Added Pub. L. 101-580, § 1(a), Nov. 15, 1990, 104 Stat. 2863.)

Statutory Notes and Related Subsidiaries

EFFECTIVE DATE; SPECIAL RULES

Pub. L. 101-580, § 2, Nov. 15, 1990, 104 Stat. 2863, provided that:

“(a) **EFFECTIVE DATE.**—Subject to subsections (b), (c), and (d) of this section, the amendments made by the first section of this Act [enacting this section] shall apply to all United States patents granted before, on, or after the date of enactment of this Act [Nov. 15, 1990], and to all applications for United States patents pending on or filed on or after such date of enactment.

“(b) **FINAL DECISIONS.**—The amendments made by the first section of this Act [enacting this section] shall not affect any final decision made by a court or the Patent and Trademark Office before the date of enactment of this Act [Nov. 15, 1990] with respect to a patent or an application for a patent, if no appeal from such decision is pending and the time for filing an appeal has expired.

“(c) **PENDING CASES.**—The amendments made by the first section of this Act [enacting this section] shall not affect the right of any party in any case pending in a court on the date of enactment of this Act [Nov. 15, 1990] to have the party’s rights determined on the basis of the substantive law in effect before such date of enactment.

“(d) **NON-APPLICABILITY.**—The amendments made by the first section of this Act [enacting this section] shall not apply to any process, machine, article of manufacture, or composition of matter, an embodiment of which was launched prior to the date of enactment of this Act [Nov. 15, 1990].”

CHAPTER 11—APPLICATION FOR PATENT

Sec.

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| 111. | Application. |
| 112. | Specification. |
| 113. | Drawings. |
| 114. | Models, specimens. |
| 115. | Inventor’s oath or declaration. |
| 116. | Inventors. |
| 117. | Death or incapacity of inventor. |
| 118. | Filing by other than inventor. |
| 119. | Benefit of earlier filing date; right of priority. |
| 120. | Benefit of earlier filing date in the United States. |
| 121. | Divisional applications. |
| 122. | Confidential status of applications; publication of patent applications. |
| 123. | Micro entity defined. |

Editorial Notes

AMENDMENTS

2011—Pub. L. 112-29, § 10(g)(2), Sept. 16, 2011, 125 Stat. 319, which directed adding item 123 at the end of this chapter, was executed by adding the item at the end of the table of sections of this chapter, to reflect the probable intent of Congress.

Pub. L. 112-29, § 4(a)(4), Sept. 16, 2011, 125 Stat. 296, amended item 115 generally, substituting “Inventor’s oath or declaration” for “Oath of applicant”.

2002—Pub. L. 107-273, div. C, title III, § 13206(a)(7), Nov. 2, 2002, 116 Stat. 1904, substituted “Inventors” for “Joint inventors” in item 116.

1999—Pub. L. 106-113, div. B, § 1000(a)(9) [title IV, § 4507(5)], Nov. 29, 1999, 113 Stat. 1536, 1501A-566, inserted “; publication of patent applications” after “applications” in item 122.

1994—Pub. L. 103-465, title V, § 532(c)(6), Dec. 8, 1994, 108 Stat. 4987, substituted “Application” for “Applica-