

Doc. WAR PRODUCTION BOARD  
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**DIRECTORY . .**  
**OF INDUSTRY**  
**ADVISORY COMMITTEES**

1. Industry and state.  
Title: Industry advisory  
committees, Directory of  
AS OF  
January 23, 1943

UNITED STATES  
GOVERNMENT PRINTING OFFICE  
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(2)

### INDUSTRY ADVISORY COMMITTEES

There are approximately 500 Industry Advisory Committees and subcommittees composed of representatives from industries or the segments thereof. Committees meet under the leadership of Government Presiding Officers from the Division involved. Many of the Committees have regular meetings each month.

The office of Industry Advisory Committees forms each Industry Advisory Committee with the approval of the Director or an Industry Division. The present organization was authorized by Regulation No. 12 and Administrative Order 2-7, dated January 17, 1942. The policies affecting the use of Committees have clarified by later memoranda and Administrative Orders.

The purpose of Industry Advisory Committees is to advise and make recommendations on problems of war production confronting industry, and to assist a Division in obtaining data on resources and requirements, also keep industries informed of the policies, regulations, and actions of the War Production Board.

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## AUTOMOTIVE DIVISION

### AUTOMOTIVE INDUSTRY

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| BARIT, A. E., Hudson Motor Car Co., Detroit, Mich.             | HAMILTON, C. E., Automotive Gear Works, Inc., Richmond, Ind.  |
| BLACK, R. F., The White Motor Co., Cleveland, Ohio.            | HOFFMAN, PAUL, Studebaker Corporation, South Bend, Ind.       |
| BROWN, DONALDSON, General Motors Corporation, New York, N. Y.  | HUTCHINSON, B. E., Chrysler Corporation, Detroit, Mich.       |
| BROWN, W. P., Briggs Manufacturing Co., Detroit, Mich.         | KERANS, H. R., K-D Lamp Co., Cincinnati, Ohio.                |
| BUSH, E. J., Diamond T Motor Car Co., Chicago, Ill.            | MASON, GEORGE W., Nash-Kelvinator Corporation, Detroit, Mich. |
| CARLTON, C. C., Motor Wheel Corporation, Lansing, Mich.        | PAGE, R. P. JR., Autocar Co., Ardmore, Pa.                    |
| DAVIS, C. S., Borg-Warner Corporation, Chicago, Ill.           | PATTERSON, BURKE, Thompson Products Co., Cleveland, Ohio.     |
| EBY, J. D., Wagner Electric Corporation, St. Louis, Mo.        | ROBERGE, R. I., Ford Motor Co., Dearborn, Mich.               |
| FRAZER, JOSEPH W., Willys-Overland Motors, Inc., Toledo, Ohio. | ROCKWELL, WILLARD T., Timken Detroit Axle Co., Detroit, Mich. |

### BATTERY INDUSTRY

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| BARACREE, A. J., Am-Plus Storage Battery Co., Chicago, Ill.                     | MORRIS, B. F., Battery Division, Thomas A. Edison, Inc., Kearny, N. J.                          |
| BECKER, E. H., The Merry-Bean Co., San Francisco, Calif.                        | PERRINE, LESTER, Perrine Quality Products Corporation, 55 Rumford Avenue, Waltham, Mass.        |
| DAGGETT, A. H., National Battery Co., St. Paul, Minn.                           | PHELPS, ARTHUR G., Delco-Remy Division, General Motors Corporation, Anderson, Ind.              |
| DOUGLAS, G. W., Douglas Battery Manufacturing Co., Winston-Salem, N. C.         | PRICE, W. F., Price Battery Corporation, Hamburg, Pa.   |
| FOOTE, E. T., Globe-Union, Incorporated, 900 East Keefe Avenue, Milwaukee, Wis. | ROLPH, S. W., Electric Storage Battery Co., Allegheny Avenue and 19th Street, Philadelphia, Pa. |
| FOSTER, A., Battery Division, The Norwalk Tire & Rubber Co., Norwalk, Conn.     | TAYLOR, G. W., American Battery Co., 1520 McGavock Street, Nashville, Tenn.                     |
| McDUFFE, J. H., The Electric Auto-Lite Co., Toledo, Ohio.                       |   |

## AUTOMOTIVE TRANSPORTATION INDUSTRY

- ALLEN, F. A., Hudson Motor Car Co., Detroit, Mich.
- ALLMAN, L. C., Fruehauf Trailer Co., Detroit, Mich.
- BOYER, H. E., White Motor Co., Cleveland, Ohio.
- CRIMMINS, J. J., Studebaker Corporation, South Bend, Ind.
- CROCKETT, ALBERT, Mack-International Truck Corporation, 48th Avenue and 34th Street, Long Island City, N. Y.
- GIBSON, M. L., International Harvester Co., 180 North Michigan Avenue, Chicago, Ill.
- HOKER, N. D., Chrysler Corporation, Detroit, Mich.
- JOHNSON, O. A., Ford Motor Co., 3000 Schaefer Road, Dearborn, Mich.
- SCHARFF, C. R., General Motors Corporation, Detroit, Mich.
- SEXTON, J. P., Electric Auto-Lite Co.; Toledo, Ohio.
- OSTERMANN, GEORGE H., Timken-Detroit Axle Co., Detroit, Mich.
- PARKER, W. CARL, Diamond T. Motor Co., 4401 W. Twenty-sixth Street, Chicago, Ill.

## REPLACEMENT PARTS INDUSTRY

- ALLEN, FREEMAN, White Motor Co., Cleveland, Ohio.
- AMMERMANN, KARL J., Borg-Warner Corporation, 310 South Michigan Avenue, Chicago, Ill.
- ANDERSON, JOHN W., Anderson Co., Gary, Ind.
- BAHR, F. C., Motor Parts Division, Chrysler Corporation, Detroit, Mich.
- CARLTON, C. C., Motor Wheel Corporation, Lansing, Mich.
- DOONAN, V. E., Ford Motor Co., Dearborn, Mich.
- DOUGLAS, M. D., Parts and Accessories Division, Chevrolet Motor Co., Detroit, Mich.
- EBY, J. D., Wagner Electric Corporation, St. Louis, Mo.
- HAMILTON, C. E., Automotive Gear Works, Inc., Richmond, Ind.
- KOCH, R. F., International Harvester Co., 180 No. Michigan Avenue, Chicago, Ill.
- MILLER, MAX, Yellow Truck & Coach Co., Pontiac, Mich.
- PATTERSON, BURKE, Thompson Products Co., Cleveland, Ohio.

## BODY MANUFACTURING INDUSTRY

- BLACK, JAMES J., Trailer Company of America, 31st and Robertson, Cincinnati, Ohio.
- BLACK, WILLIAM C., Adam Black and Son, Jersey City, N. J.
- CAMPBELL, ROBERT, Mid-State Body Co., Inc., Waterloo, N. Y.
- DEWIND, NORMAN, Austin-Western Road Machinery Co., Aurora, Ill.
- HALL, N. S., The Schnabel Co., Pittsburgh, Pa.
- HAMMON, CHRISTOPHER F., Jr., Steel Products Co., Inc., Savannah, Ga.
- HEISER, B. J., Galion Allsteel Body Co., Galion, Ohio.
- HICKS, EARL M., Hicks Body Co. Lebanon, Ind.
- HOLAN, JAMES, American Coach & Body Co., 9503 Woodland Avenue, Cleveland, Ohio.
- KENNEDY, D. A., York-Hoover Body Co., York, Pa.
- MEYER, ARNOLD, The Heil Co., 3000 W. Montana, Milwaukee, Wis.
- WEISS, A. D., Winter-Weiss Co., Denver, Colo.
- ZELL, LUCIAN, Schult Trailers, Inc., Elkhart, Ind.

## INDUSTRIAL AIR-COOLED ENGINE INDUSTRY

- AMMON, CHARLES D., The Cushman Motor Works, Lincoln, Nebr.
- GINN, E., Continental Motors Corporation, Muskegon, Mich.
- HARVEY, R. B., Novo Engine Co., Lansing, Mich.
- JACOBSEN, E. A., Jacobsen Mfg. Co., Racine, Wis.
- JONES, H. C., Delco Appliance Division, General Motors Corporation, Rochester, N. Y.
- KIEKHAEFER, E. C., Kiekhaefer Corporation, Cedarburg, Wis.
- LONGENECKER, E. A., The Hart Carter Co., Lauson Division, New Holstein, Wis.
- MERRIAM, J. R., Waukesha Motor Co., Waukesha, Wis.
- OEHLER, EDWARD V., Briggs & Stratton Corporation, Milwaukee, Wis.
- ONAN, C. W., D. W. Onan & Sons, Minneapolis, Minn.
- TANNER, P. A., Johnson Motors, Waukegan, Ill.
- THOMPSON, NILSON, Homelite Corporation, Port Chester, N. Y.
- TODD, H. A., Wisconsin Motor Corporation, Milwaukee, Wis.

## NON-SKID CHAIN MANUFACTURING INDUSTRY

- BAMBANEK, J. B., Peerless Chain Co., Front & Walnut Streets, Winona, Minn.
- BOND, FRANK, McKay Co., 1005 Liberty Avenue, Pittsburgh, Pa.
- BRISBIN, D. S., Columbus-McKinnon Chain Corporation, Tonawanda, N. Y.
- CAMPBELL, GEORGE J., JR., International Chain & Manufacturing Co., York, Pa.
- KIRKPATRICK, W. D., American Chain Division, American Chain & Cable Co., York, Pa.
- RUMPLER, V. J., Hodell Chain Co., 1530 East 40th Street, Cleveland, Ohio.
- ST. PIERRE, HENRY, St. Pierre Chain Corporation, 50 Frank Street, Worcester, Mass.

## TRUCK TRAILER INDUSTRY

- BATES, BERT P., Commercial Div., Highway Trailer Co., Edgerton, Wis.
- BENNETT, H. C., Utility Trailer Mfg. Co., Los Angeles, Calif.
- BROWN, HARRY N., Keystone Trailer & Equip. Co., Kansas City, Mo.
- BURNS, G. A., Oil Equipment Division, Butler Manufacturing Co., Kansas City, Mo.
- CARTER, N. A., Carter Manufacturing Co., Memphis, Tenn.
- FARRELL, J. C., Easton Car & Construction Co., Easton, Pa.
- FRUEHAUF, HARVEY C., Fruehauf Trailer Co., Detroit, Mich.
- GLICK, J. L., Truck Engineering Co., Cleveland, Ohio.
- HAMMOND, CHRISTOPHER, JR., Steel Products Co., P. O. Box 1007, Savannah, Ga.
- KINGHAM, C. H., Kingham Trailer Co., Louisville, Ky.
- MCINTYRE, F. H., Carolina Truck & Trailer Co., 2019 N. Tryon Street, Charlotte, N. C.
- NABORS, W. C., W. C. Nabors Co., Mansfield, La.
- NEELEY, M. J., Hobbs Manufacturing Co., Fort Worth, Tex.
- ROGERS, HARRISON, Rogers Brothers, Albion, Pa.
- TERRY, M. N., Trailmobile Co., Cincinnati, Ohio.
- TROMBLY, A. R., Trombly Truck Equipment Co., 1138 S. E. 10th, Portland, Oreg.

## BEVERAGES AND TOBACCO DIVISION

### BREWING INDUSTRY

- ABRAMS, S. E., Joseph Schlitz Brewing Co., 235 W. Galena Street, Milwaukee, Wis.
- BADENHAUSEN, CARL W., P. Ballantine & Sons, 57 Freeman Street, Newark, N. J.
- CARROLL, JAMES J., Anheuser-Busch, Inc., St. Louis, Mo.
- CHARLES, H. A., Theo. Hamm Brewing Co., St. Paul, Minn.
- COORS, ADOLPH, JR., Adolph Coors Co., Golden, Colo.
- HEIN, JOSEPH F., Monarch Brewing Co., 2415-2449 W. 21st Street, Chicago, Ill.
- HERZOG, R. U., White Seal Brewing Co., 2001 South Saginaw, Flint, Mich.
- KOERBER, WILLIAM G., Koerber Brewing Co., 2 Oak Street, Toledo, Ohio.
- LAHEY, EDWARD V., Smith Bros., Inc., New Bedford, Mass.
- LANG, KARL H., Certel Brewing Co., 1400 Stacy Avenue, Louisville, Ky.
- McGIMSEY, B. B., San Antonio Brewing Association, San Antonio, Tex.
- PERLSTEIN, HARRIS, Pabst Brewing Co., 221 No. LaSalle Street, Chicago, Ill.
- REUSS, CHARLES J., Centlivre Brewing Corporation, Fort Wayne, Ind.
- SCHAEFER, RUDOLPH J., The F. & M. Schaefer Brewing Co., 430 Kent Avenue, Brooklyn, N. Y.
- SCHMIDT, EDWARD A., C. Schmidt & Sons, Inc., 127 Edwards Street, Philadelphia, Pa.
- SCHUSTER, KARL F., Acme Breweries, 726 Fulton Street, San Francisco, Calif.
- SICK, EMIL G., Seattle Brewing & Malting Co., 306 Marion Building, Seattle, Wash.
- SULLIVAN, FRANK B., American Brewing Co., 717 Breuvelle Street, New Orleans, La.
- WHITING, F. BROOKE, The Queens City Brewing Co., Cumberland, Md.

### CIGAR MANUFACTURING INDUSTRY

- BROOKS, T. E., T. E. Brooks & Co., Red Lion, Pa.
- GARCIA, ALVARO, Garcia & Vega, 570 Seventh Avenue, New York, N. Y.
- HORTON, THOMAS A., G. W. Van Slyke & Horton, Kingston, N. Y.
- McCARTHY, DANIEL F., H. Fendrich, Inc., Evansville, Ind.
- MEYER, BENJAMIN G., General Cigar Co., 119 W. 40th Street, New York, N. Y.
- MICHENER, H. B., M. Marsh & Son, Inc., Wheeling, W. Va.
- NEWMAN, J. C., M. & N. Cigar Co., 922 Woodland Avenue, Cleveland, Ohio.
- SWISHER, CARL S., John H. Swisher & Son, Inc., Jacksonville, Fla.
- WHITEFIELD, GEORGE, P. Lorillard Co., 119 W. 40th St., New York, N. Y.
- WILE, E., D. Emil Klein Co., 438 E. 91st Street, New York, N. Y.
- WURMAN, H. P., Bayuk Cigars, Inc., 9th & Columbia Avenue, Philadelphia, Pa.

## CIGARETTE MANUFACTURING INDUSTRY

- AMES, CLARK T., Jr., Philip Morris & Co., Ltd., Inc., P. O. Box 1895, Richmond, Va.
- ARTHUR, C. B., Liggett & Myers Tobacco Co., Inc., 630 Fifth Avenue, New York, N. Y.
- BLOCH, J. A., The Bloch Bros. Tobacco Co., 4000 Water Street, Wheeling, W. Va.
- CLARK, THOMAS A., U. S. Tobacco Co., 4325 Fifth Avenue, Chicago, Ill.
- CROWE, JOHN A., The American Tobacco Co., Inc., 111 Fifth Avenue, New York, N. Y.
- FREEMAN, J. S., P. Lorillard Co., Inc., 119 West 40th Street, New York, N. Y.
- HABERKERN, R. C., R. J. Reynolds Tobacco Co., Winston-Salem, N. C.
- HEAD, J. J., Benson & Hedges, 435 Fifth Avenue, New York, N. Y.
- LINTHICUM, R. D., Brown & Williamson Tobacco Co., 1600 West Hill Street, Louisville, Ky.
- PEPER, ELMER C., Christian Peper Tobacco Co., First and Delmar Boulevard, St. Louis, Mo.
- RATHBUN, DONS., Penn Tobacco Co., 45 East Putnam Avenue, Greenwich, Conn.
- REED, WILLIAM T., Jr., Larus & Brother Company, Inc., 21st and Main Streets, Richmond, Va.
- ROBBINS, CARL B., The Axton-Fisher Tobacco Co., Inc., 811 South 20th Street, Louisville, Ky.
- STEPHANO, CONSTANTINE S., Stephano Brothers, 1014 Walnut Street, Philadelphia, Pa.
- TAYLOR, HARRY P., Taylor Brothers, Inc., P. O. Drawer 597, Winston-Salem, N. C.
- ULMER, MILTON, Lincoln & Ulmer, Inc., 132 West 43rd Street, New York, N. Y.

## DISTILLED SPIRITS INDUSTRY

- BOWMAN, A. SMITH, A. Smith Bowman Distilling Co., Sunset Hills, Fairfax County, Va.
- BROWN, OWLSEY, Brown-Forman Distillery Co., Inc., 1908 Howard Street, Louisville, Ky.
- BROWNLEE, JAMES F., Frankfort Distilleries, Inc., Louisville, Ky.
- ENGELHARD, JOSEPH A., Glenmore Distilleries Co., Inc., P. O. Box 900, Louisville, Ky.
- GUNSON, L. J., Continental Distilling Corporation, Philadelphia, Pa.
- HATCH, HARRY C., Hiram Walker & Gooderham & Worts, Ltd., Walkerville, Ontario, Canada.
- OAKES, WARREN, The Fleischmann Distilling Corporation, 595 Madison Avenue, New York, N. Y.
- PORTER, SETON, National Distillers Products Corporation, 120 Broadway, New York, N. Y.
- QUINLAN, JOHN C., Century Distilling Co., Board of Trade Building, Chicago, Ill.
- ROSENSTIEL, LEWIS S., Schenley Distillers Corporation, Empire State Building, New York, N. Y.
- VAN WINKLE, JULIAN P., Stitzel-Weller Distillery, Station D, Louisville, Ky.
- WILLKIE, H. F., Joseph E. Seagram & Sons, Inc., Seventh Street Road, Louisville, Ky.

## DISTILLED SPIRITS AND WINE TRAFFIC INDUSTRY

- BRADEN, CHARLES W., National Distillers Products Corporation, 120 Broadway, New York, N. Y.
- FLEISCHMANN, E. M., Harford County Distillery, Inc., 901 Mercantile Trust Building, Baltimore, Md.

- GENTLEMAN, JAMES H., Park & Tilford Distillers, Inc., 1066 Stark Building, Louisville, Ky.
- GUSKY, EDWARD, Schenley Distillers Corporation, 350 Fifth Avenue, New York, N. Y.
- LUTHER, FRANK H., Joseph E. Seagram & Sons, Inc., Seventh Street Road, Louisville, Ky.
- MARGOLIS, JOHN A., Bisceglia Bros. Corporation, P. O. Box 6790, Philadelphia, Pa.
- MOORE, J. CAMPBELL, Garrett & Co., Inc., 882 Third Avenue, Brooklyn, N. Y.
- PLOVER, E. J., Jr., The American Distilling Co., South Front Street, Pekin, Ill.
- UNDERHILL, E. STEWART, JR., Urbana Wine Co., Inc., Hammondsport, N. Y.
- VAI, JAMES L., Padre Vineyard Co., 845 North Alameda Street, Los Angeles, Calif.
- WIDMER, WILLIAM, Widmer's Wine Cellars, Inc., Naples, N. Y.

#### NON-ALCOHOLIC BEVERAGE INDUSTRY

- AITKEN, W. D., Mission Dry Corporation, 5001 South Soto Street, Los Angeles, Calif.
- BATTLE, WILLIS, Nehi Corporation, Columbus, Ga.
- BOST, DR. W. D., Orange Crush Co., 318 West Superior Street, Chicago, Ill.
- CANFIELD, A. J., A. J. Canfield Co., 6788 South Chicago Avenue, Chicago, Ill.
- DAVID, E. W., The Charles E. Hires Co., 206 South Twenty-fourth Street, Philadelphia, Pa.
- FIRMAGE, J. L., Nehi Beverage Co. of Utah, 155 East First South Street, Salt Lake City, Utah.
- FREEMAN, TALBOT O., Pepsi-Cola Co., 47-51 Thirty-third Street, Long Island City, N. Y.
- GLASER, PAUL F., Glaser Beverages, Inc., 351 Elliott Avenue West, Seattle, Wash.
- GRIGG, H. C., The Seven-Up Co., 1221 Locust Street, St. Louis, Mo.
- KILBORN, W. S., Dr. Pepper Co., 429 Second Avenue, Dallas, Tex.
- LAPIDES, JOSEPH, Suburban Club Carbonated Beverage Co., Inc., 400 Key Highway, Baltimore, Md.
- LEARY, JOHN F., C. Leary & Co, 202 Merrimac Street, Newburyport, Mass.
- OEHLERT, BENJAMIN H., JR., The Coca-Cola Co., Atlanta, Ga.
- RAINWATER, CHARLES V., Hygeia Coca-Cola Bottling Works, Inc., P. O. Box 551, Pensacola, Fla.
- RIES, WILLIAM, Jacob Ries Bottling Works, Inc., 112 West Third Street, Shakopee, Minn.
- VERNOR, JAMES, James Vernor Co., 239 Woodward Avenue, Detroit, Mich.
- WAGNER, EDWARD, The W. T. Wagner's Sons Co., 1920-26 Race Street, Cincinnati, Ohio.
- WILLIAMS, WILLIAM J., Canada Dry Ginger Ale, Inc., 100 East Forty-second Street, New York, N. Y.

#### SNUFF MANUFACTURING INDUSTRY

- BUMSTEAD, CHARLES W., George W. Helm Co., 9 Rockefeller Plaza, New York, N. Y.
- CLARK, THOMAS A., U. S. Tobacco Co., 4325 West Fifth Avenue, Chicago, Ill.
- FINCH, M. E., American Snuff Co., P. O. Box 217, Memphis, Tenn.
- HARTNETT, T. V., Brown & Williamson Tobacco Corporation, 1600 Hill Street, Louisville, Ky.
- PEARSON, BENJAMIN, Byfield Snuff Co., Byfield, Mass.

## TOBACCO MANUFACTURING TRAFFIC INDUSTRY

- BLOCH, J. A., The Bloch Brothers Tobacco Co., 4000 Water Street, Wheeling, W. Va.
- CLARK, WALTER L., George W. Helme Co., 9 Rockefeller Center, New York, N. Y.
- DAVIS, ALLAN C., F. A. Davis & Sons, 119-121 South Howard Street, Baltimore, Md.
- EHRARDT, JOHN J., H. Fendrich, Inc., Evansville, Ind.
- GOODWIN, G. E., Liggett & Myers Tobacco Co., Inc., 4241 Folsom Avenue, St. Louis, Mo.
- GUNST, HENRY, Cliff Weil Cigar Co., Richmond, Va.
- HARKRADER, T. T., The American Tobacco Co., Inc., 111 Fifth Avenue, New York, N. Y.
- KNEESY, A. J., Brown & Williamson Tobacco Co., 1600 W. Hill Street, Louisville, Ky.
- KOLODNY, JOSEPH, Jersey City Tobacco Co., Inc., 98-102 Newark Avenue, Jersey City, N. J.
- McMAHON, FRANK J., General Cigar Co., 119 West Fortieth Street, New York, N. Y.
- OWEN, L. F., R. J. Reynolds Tobacco Co., Main and Fourth Streets, Winston-Salem, N. C.
- SCHULTZ, ARTHUR F., Arthur F. Schultz Co., Erie, Pa.
- TURNER, J. C., John H. Swisher & Co., Jacksonville, Fla.

## WINE INDUSTRY

- BECHTOLD, FRED, Italian Swiss Colony, Chicago, Ill.
- BRIDGMAN, W. D., Upland Winery, Sunnyside, Wash.
- CELLA, J. B., Roma Wine Co., Fresno, Calif.
- GRANFIELD, B. V., Engels & Krudwig Wine Co., Sandusky, Ohio.
- LAIRD, JOHN E., Laird & Co., Scobeyville, N. J.
- LAVIN, EDWARD A., Granada Wines, Inc., Cambridge, Mass.
- MARGOLIS, JOHN A., Bisceglia Brothers Corporation, Philadelphia, Pa.
- MOORE, J. CAMPBELL, Garrett & Co., Inc., Brooklyn, N. Y.
- PAUL, ALBERT M., California Products Co., Fresno, Calif.
- POOLEY, EDWARD F., Hood River Distillers, Inc., Hood River, Oreg.
- RUSSELL, CALVIN L., Central California Wineries, Inc., Fresno, Calif.
- SCHLENKER, IRVIN M., Gulftex Drug Co., Houston, Tex.
- TAYLOR, GREYTON H., The Taylor Wine Co., Hammondsport, N. Y.
- TAYLOR, WALTER E., Fruit Industries, Ltd., San Francisco, Calif.
- UNDERHILL, E. S., JR., Urbana Wine Co., Inc., Hammondsport, N. Y.
- WENTE, HERMAN L., Wente Brothers, Livermore, Calif.

## BUILDING MATERIALS DIVISION

### AIRPORT LIGHTING EQUIPMENT INDUSTRY

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| CLARKE, A. H., Illuminating Department, Crouse-Hinds Co., Syracuse, N. Y.               | RHODES, J. B., American Gas Accumulator Co., Elizabeth, N. J.              |
| HUERKAMP, E. C., Airport Lighting Division, Westinghouse Electric Co., Cleveland, Ohio. | SIPP, E. A., Research and Production, Pyle National Co., Chicago, Ill.     |
| KAMIN, A., Neon Products, Inc., Lima, Ohio.   | SPAUGH, F. M., Lighting Division, General Electric Co., Schenectady, N. Y. |
| KILLIGREW, DAN, Railroad and Illuminating Division, Corning Glass Works, Corning, N. Y. | STAFFORD, F. C., Adams & Westlake Co., Elkhart, Ind.                       |
| LONG, HUEY, Lights, Inc., Alhambra, Calif.  | SWANSON, DALE H., Eastern Division, Line Material Co., E. Stroudsburg, Pa. |
|   | TRIMPE, LEO H., Aerolights Corporation, Alhambra, Calif.                   |

### ASPHALT ROOFING INDUSTRY

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| BROWN, C. O., Dixie Asphalt Products Corp., P. O. Box 1183, Savannah, Ga.            | LOWE, W. H., Paraffine Co.'s, Inc., 475 Brannon Street, San Francisco, Calif. |
| CERVENKA, OTTO, Globe Roofing Products Co., 2207 Schrage Avenue, Whiting, Ind.       | MOFFIT, S. P., The Ruberoid Co., 500 Fifth Avenue, New York, N. Y.            |
| FRY, LLOYD A., Lloyd A. Fry Roofing Co., 5302 West Sixty-sixth Street, Chicago, Ill. | ROBERTS, BENJAMIN H., Bird & Son, Inc., East Walpole, Mass.                   |
| KASHUBA, T. H., T. K. Roofing Mfg. Co., Chester, W. Va.                              | ROWE, P. C., The Flintkote Co., 30 Rockefeller Plaza, New York, N. Y.         |
| HAMILTON, D. D., Koppers Co., Koppers Building, Pittsburgh, Pa.                      | TOBIN, R. T., Tilo Roofing Co., Inc., Stratford, Conn.                        |
|  | WALL, A. L., Weaver-Wall Co., Brookpark and State Road, Cleveland, Ohio.      |

### BOLT, NUT, AND RIVET INDUSTRY

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| BAKER, R. D., Pittsburgh Screw & Bolt Co., Pittsburgh, Pa.     | IRELAND, D. B., Wolverine Bolt Co., Detroit, Mich.     |
| BATTY, W. R., Standard Nut & Bolt Co., Valley Falls, R. I.     | JONES, A. M., Buffalo Bolt Co., North Tonawanda, N. Y. |
| BRACKETT, C. L., National Machine Products Co., Detroit, Mich. | MILLER, J. C., Bethlehem Steel Co., Bethlehem, Pa.     |

NEWPHER, C. F., National Screw & Mfg. Co., Cleveland, Ohio.	SMITH, H. E., Vulcan Rivet & Bolt Corporation, Birmingham, Ala.
PAPER, MEYER, Lewis Bolt & Nut Co., Minneapolis, Minn.	WHELAN, R. J., Ohio Nut & Bolt Co., Berea, Ohio.

### BUILDERS' HARDWARE INDUSTRY

CHAMBERLAIN, RODMAN W., The Stanley Works, New Britain, Conn.	LAWRENCE, E. F., Jr., Lawrence Brothers, Inc., Sterling, Ill.
FROHLICH, JOHANN, Bomber Spring Hinge Co., Brooklyn, N. Y.	MEYER, J. J., Independent Lock Co., Fitchburg, Mass.
HAGER, A. L., Hager & Sons Hinge Mfg. Co., St. Louis, Mo.	MITCHELL, R. T., The Yale & Towne Mfg. Co., Stamford, Conn.
HEIZMANN, W. A., JR., Penn Hardware Co., Reading, Pa.	SCHLEICHER, A. H., Oscar C. Rixson Co., Chicago, Ill.
HENDRICKS, HOBART J., The H. B. Ives Co., New Haven, Conn.	SHAW, DUNCAN, Reading Hardware Corporation, Reading, Pa.
KENDRICK, CHARLES, Schlage Lock Co., San Francisco, Calif.	SMITH, W. H., The Slaymaker Lock Co., Lancaster, Pa.
LAWLOR, JOHN, P. & F. Corbin Co., New Britain, Conn.	TOWER, E. J., Master Lock Co., Milwaukee, Wis.

### ELECTRIC FUSE INDUSTRY

BENNAN, JAMES, Jefferson Electric Co., Bellwood, Ill.	KIRKMAN, T. W., Kirkman Engineering Corporation, 121 Sixth Avenue, New York, N. Y.
BUSSMAN, H. T., McGraw Electric Co., Bussman Mfg. Co. Division, Jefferson and University Streets, St. Louis, Mo.	LAMAR, F. C., Great Western Fuse Co., 7633 Susquehanna Street, Pittsburgh, Pa.
CARROLL, M. C., The Chase-Shawmut Co., Newburyport, Mass.	POPP, L. R., Pierce Renewable Fuse Co., Inc., 211 Hertel Avenue, Buffalo, N. Y.
EUSTICE, A. L., Economy Fuse and Mfg. Co., 2717 Greenview Avenue, Chicago, Ill.	REISMAN, J. G., Royal Electric Co., Pawtucket, R. I.
FOSTER, T. D., Wiring Device Sales, General Electric Co., Bridgeport, Conn.	SHELLEY, P. J., Metropolitan Electric Mfg. Co., 22-48 Steinway Street, Long Island City, N. Y.
JUNG, O. H., Trico Fuse Mfg. Co., Jung and Andreitch, Milwaukee, Wis.	

### FLUORESCENT LIGHTING FIXTURE INDUSTRY

BECKETT, THOMAS G., Beckett Electric Co., 1101 McKinney St., Dallas, Tex.	HARRISON, WARD, General Electric Co., Nela Park, Cleveland, Ohio.
EGLOWSTEIN, NATHAN H., Fluores-O-Lite Mfg. Co., 57 Branford Street, Newark, N. J.	HUERKAMP, EDWARD C., Lighting Division, Westinghouse Electric & Mfg. Co., 1216 West Fifty-eighth St., Cleveland, Ohio.
FEDERMAN, RUBEN, Ronlite Co., 100 Fifth Avenue, New York, N. Y.	LOWELL, W. P., JR., Sylvania Electric Products, Inc., Ipswich, Mass.

MARKEL, JOSEPH, Markel Electric Products, Inc., 145 East Seneca Street, Buffalo, N. Y.	STAUD, RUDOLPH W., Benjamin Electric Mfg. Co., Des Plaines, Ill.
MILLER, ARTHUR, The Miller Co., 99 Center Street, Meriden, Conn.	TODD, VICTOR H., Swedish Iron & Steel Corporation, 17 Battery Place, New York, N. Y.
MITCHELL, BERNARD A., Mitchell Mfg. Co., 2525 Clybourn Street, Chicago, Ill.	WAKEFIELD, A. F., The F. W. Wakefield Brass Co., Vermillion, Ohio.

#### FORGED AXE, HATCHET, AND HAMMER INDUSTRY

CONARRO, H. W., Warren Axe & Tool Co., Warren, Pa.	PARSONS, J. B., Mayhew Steel Products, Inc., Shelburne Falls, Mass.
COUNCIL, K. CLYDE, The Council Tool Co., Wananish, N. C.	PLUMB, FAYETTE R., Fayette R. Plumb, Inc., 4837 James Street, Philadelphia, Pa.
GRIFFITH, CHARLES F., Griffith Tool Works, 520 Commerce Street, Philadelphia, Pa.	RECTOR, W. W., American Fork & Hoe Co., 1623 Euclid Avenue, Cleveland, Ohio.
HOUGH, L. B., Collins Co., Collinsville, Conn.	RIXFORD, O. A., Rixford Mfg. Co., East Highgate, Vt.
LACEY, MARK J., The Peck Stow & Wilcox Co., Southington, Conn.	VAUGHAN, SANFORD S., Vaughan & Bushnell Mfg. Co., 2114 Carroll Avenue, Chicago, Ill.
MULFORD, E. S., Henry Cheney Hammer Co., Little Falls, N. Y.	

#### FORK, HOE, AND RAKE INDUSTRY

CASHNER, W. D., Geyer Mfg. Co., Rock Falls, Ill.	RECTOR, WALTER W., American Fork & Hoe Co., 1623 Euclid Avenue, Cleveland, Ohio.
CUNNINGHAM, HAROLD, Ames Baldwin Wyoming Co., Parkersburg, W. Va.	RUHMAN, G. C., G. E. Ruhmann Mfg. Co., Schulenberg, Tex.
FINLEY, L. P., Union Fork & Hoe Co., Columbus, Ohio.	SKINNER, A. E., Boyle Mfg. Co., 5100 Santa Fe Avenue, Los Angeles, Calif.
MILLER, L. D., Miller Mfg. Co., Hicksville, Ohio.	WOLF, F. J., Gardex, Inc., Michigan City, Ind.
NORCROSS, CHARLES E., C. S. Norcross & Sons, Bushnell, Ill.	YEOMAN, W. F., Yeoman Hoag Co., Monticello, Iowa.
PORTER, J. S., B. & H. Scovil, Inc., Higganum, Conn.	

#### GYPSUM INDUSTRY

BEST, JOHN C., National Gypsum Co., Buffalo, N. Y.	EBSARY, F. G., The Ebsary Gypsum Co., 52 Vanderbilt Avenue, New York, N. Y.
CHISM, H. E., Texas Cement Plaster Co., Oklahoma City, Okla.	ESTES, GORDON C., Certain-Teed Products Corporation, 120 South La Salle St., Chicago, Ill.

- KEADY, W. L., U. S. Gypsum Co., 300 West Adams Street, Chicago, Ill.
- KELLOGG, W. H., Jr., The Connecticut Adamant Plaster Co., 10 River Street, New Haven, Conn.
- LEENHOUTS, JAMES, Grand Rapids Plaster Co., Grand Rapids, Mich.
- SENSIBAR, EZRA, Cardiff Gypsum Co., 33 North La Salle Street, Chicago, Ill.
- VILLARD, VINCENT S., Newark Plaster Co., 50 Church Street, New York, N. Y.

### HAND SAW INDUSTRY

- ACOMB, F. G., Pennsylvania Saw Corporation, York, Pa.
- BRADBURY, H. J., Ohlen Bishop Mfg. Co., Columbus, Ohio.
- DISSTON, S. HORACE, Henry Disston & Sons, Inc., Tacony, Philadelphia, Pa.
- DOUGHERTY, JAMES J., Central Hardware Co., 1716 Vine Street, Philadelphia, Pa.
- DUNNINGTON, G. W., E. C. Atkins & Co., Indianapolis, Ind.
- HECKER, WALTER C., Curtis Saw Division of Curtis Mfg. Co., Kienlen and St. Louis Avenues, St. Louis, Mo.
- TODD, E. A., Simonds Saw & Steel Co., 470 Main Street, Fitchburg, Mass.

### HAND SHOVEL INDUSTRY

- FINLEY, L. P., Union Fork & Hoe Co., 500 Dublin Avenue, Columbus, Ohio.
- HAMLIN, E. W., The Hamlin Metal Products Co., 58 West Exchange Street, Akron, Ohio.
- HARTE, RICHARD, Ames Baldwin Wyoming Co., Parkersburg, W. Va.
- LEIS, JAMES W., Major Car Corporation, Clifton, N. J.
- NIPHER, EDWIN T., The Wood Shovel & Tool Co., Piqua, Ohio.
- PFEIFFER, JOHN, John Pfeiffer Co., Philadelphia, Pa.
- RECTOR, W. W., American Fork & Hoe Co., 1900 Keith Building, Cleveland, Ohio.
- ZETTERBERG, ARVID P., Ingersoll Steel & Disc. division, Borg Warner Corporation, New Castle, Ind.

### HEAVY FORGED TOOL INDUSTRY

- ANDERSON, A. K., Martin Hard-socg Co., 920 Shore Avenue, Pittsburgh, Pa.
- BALDWIN, WILLIAM H., Warwood Tool Co., North Nineteenth Street, Wheeling, W. Va.
- CAMPBELL, FRANK L., Fayette R. Plumb, Inc., 4837 James Street, Philadelphia, Pa.
- COE, M. A., Stanley Works, 195 Lake Street, New Britain, Conn.
- LAESSIG, A. C., Woodings-Verona Tool Works, 423 Plum Street, Verona, Pa.
- PENDLETON, THORN, Warren Tool Corporation, Warren, Ohio.
- WENZEL, J. LOUIS, Hubbard & Co., 6301 Butler Street, Pittsburgh, Pa.

### INCANDESCENT LIGHTING FIXTURE INDUSTRY

- BARNES, H. A., Wheeler Reflector Co., 275 Congress Street, Boston, Mass.
- BLITZER, M. D., Lightolier Co., 11 East Thirty-sixth Street, New York, N. Y.

- CAMERON, A. D., Holophane Co., Inc., 342 Madison Avenue, New York, N. Y.
- GLATTMAR, G. E., Art Metal Co., 1814 East Fortieth Street, Cleveland, Ohio.
- GODDARD, CHAS. H., Pittsburgh Reflector Co., 403 Oliver Building, Pittsburgh, Pa.
- GOODRICH, WILLIAM, Goodrich Electric Co., 4680 Belle Plaine Avenue, Chicago, Ill.
- HOBBS, L. A., Smoot-Holman Co., Inglewood, Calif.
- TIEBOUT, C. H., JR., Gleason-Tiebout Glass Co., 59-60 Fifty-fourth Street, Maspeth, N. Y.
- WAKEFIELD, A. F., F. W. Wakefield Brass Co., Vermillion, Ohio.

### INSECT WIRE SCREEN CLOTH INDUSTRY

- BLASER, HERMAN J., Seneca Wire & Manufacturing Co., Fostoria, Ohio.
- GRANGER, L. D., American Wire Fabrics Corporation, 500 Fifth Avenue, New York, N. Y.
- HEILIG, C. H., Heilig Brothers Co., York, Pa.
- HUME, WILLIAM G., Reynolds Wire Co., Dixon, Ill.
- MCCARTHY, D. F., Spargo Wire Co., Rome, N. Y.
- MILLER, D. H., Gilbert & Bennett Manufacturing Co., Georgetown, Conn.
- MOUL, D. G., Hanover Wire Cloth Co., Hanover, Pa.
- TURNER, R. P., New York Wire Cloth Co., York, Pa.

### LADDER INDUSTRY

- ARNOLD, H. G., The Bauer Manufacturing Co., 1000 Bowman Street, Wooster, Ohio.
- GARMAN, JOHN F., Goshen Churn & Ladder Corporation, 1930 Estes Boulevard, Goshen, Ind.
- HOWLAND, LEWIS S., John S. Tilley Ladders Co., 112 Second Street, Watervliet, N. Y.
- NORTH, T. C., Universal Fittings & Scaffolding Co., 1937 North Street, Zelienople, Pa.
- PEASE, C. F., F. B. Pease Co., R. D. 2, Rochester, N. Y.
- RINK, ROBT. M., the Goshen Manufacturing Co., 1001 Reynolds Avenue, Goshen, Ind.
- SCALLAN, JOSEPH A., Dayton Safety Ladder Co., 120 Duane Street, Cincinnati, Ohio.
- WERNLI, JOHN G., Los Angeles Ladder Co., 6230 South Alameda, Los Angeles, Calif.
- WOLLMERS, L. A., Chesebro-Whitman Co., Inc., 38-21 Twelfth Street, Long Island City, N. Y.

### LIGHTING FIXTURE BALLAST AND TRANSFORMER INDUSTRY

- BENNAN, JAMES A., Jefferson Electric Co., Bellwood, Ill.
- COMSTOCK, J. M., Acme Electric & Manufacturing Co., 16 Water Street, Cuba, N. Y.
- MARSHALL, LEN, Sola Electric Co., 2525 Clybourn Avenue, Chicago, Ill.
- MICKLES, L. G., National Transformer Corporation, 224 Twenty-First Avenue, Paterson, N. J.
- RANNEY, P. K., France Manufacturing Co., 10325 Berea Road, Cleveland, Ohio.
- STACHEL, P. M., Specialty Transformer Section, General Electric Co., 1635 Broadway, Fort Wayne, Ind.
- WHITE, W. F., Lighting Division, Westinghouse Electric & Manufacturing Co., 1216 West Fifty-Eighth Street, Cleveland, Ohio.

## METAL AND WIRE LATH INDUSTRY

- BARTLETT, S. F., U. S. Gypsum Co., Chicago, Ill.
- BURLEY, RALPH, National Gypsum Co., Buffalo, N. Y.
- COOPER, C. M., Bostwick Steel Lath Co., Niles, Ohio.
- GOLDSMITH, WILLIAM M., The Goldsmith Metal Lath Co., Cincinnati, Ohio.
- HORTON, FRANK, Alabama Metal Lath Co., Birmingham, Ala.
- MANN, KENNETH D., Truscon Steel Co., Youngstown, Ohio.
- PHILLIPS, T. C., Pittsburgh Steel Co., Pittsburgh, Pa.
- SAGENDORPH, G. A., Penn Metal Co., Inc., Boston, Mass.
- STEENROD, L. M., The Consolidated Expanded Metal Cos., Wheeling, W. Va.
- TURNER, W. B., Milcor Steel Co., Milwaukee, Wis.
- VANDER PYL, C. A., E. H. Edwards Co., San Francisco, Calif.
- WICKWIRE, CHARLES C., Wickwire Bros., Cortland, N. Y.
- WILSON, EDWARD, Ceco Steel Products Corporation, Chicago, Ill.

## METAL WINDOW INDUSTRY

- BOGERT, EUGENE, JR., The Bogert & Carlough Co., Paterson, N. J.
- CARLSON, D. LAWRENCE, Lundell-Eckberg Manufacturing Co., 27 Market Street, Jamestown, N. Y.
- GARRATT, FRANK, Hope's Windows, Inc., Jamestown, N. Y.
- MESKER, F. A., Mesker Bros. Iron Co., 424 South Seventh Street, St. Louis, Mo.
- RAQUET, C. A., Detroit Steel Products Co., 2500 East Grand Boulevard, Detroit, Mich.
- ROBERTSON, CLARK, Crittall-Federal, Inc., Waukesha, Wis.
- SARGENT, J. A., Truscon Steel Co., Youngstown, Ohio.
- SOULE, E. L., Soule Steel Co., 1750 Army Street, San Francisco, Calif.
- WASHBURN, LORING, S. H., Pomeroy Co., Inc., 25 Eastern Boulevard, New York, N. Y.
- WILKINS, C. R., Rolscreen Co., Pella, Iowa.

## PORLTAND CEMENT INDUSTRY

- ALEXANDER, M. M., Missouri Portland Cement Co., 3615 Olive Street, St. Louis, Mo.
- BECKETT, GARNER A., Riverside Cement Co., 621 South Hope Street, Los Angeles, Calif.
- BRYANT, L. N., Green Bag Cement Co., 1905 Grant Building, Pittsburgh, Pa.
- CRUM, R. W., Highway Research Board, 2101 Constitution Avenue, Washington, D. C.
- DOUGLASS, A. E., Allentown Portland Cement Co., Catasauqua, Pa.
- LUCAS, EDWIN P., Superior Portland Cement, Inc., 1003 Seaboard Building, Seattle, Wash.
- MITCHELL, L. MORRIS, Merritt, Chapman & Scott, 17 Battery Place, New York, N. Y.
- NEYLAN, JOHN F., Lone Star Cement Co., 342 Madison Avenue, New York, N. Y.
- RUSSELL, W. C., Peerless Cement Co., 1144 Free Press Building, Detroit, Mich.
- SMITH, BLAINE S., Universal Atlas Cement Co., 135 East Forty-second Street, New York, N. Y.

SNOW, HERBERT A., Portland Cement Co. of Utah, Salt Lake City, Utah.

STOREY, S. W., Trinity Portland Cement Co., 111 West Monroe Street, Chicago, Ill.

WECKER, W. A., Marquette Cement Manufacturing Co., 140 South Dearborn Street, Chicago, Ill.

YOUNG, JOSEPH S., Lehigh Portland Cement Co., Allentown, Pa.

### STRUCTURAL CLAY PRODUCTS INDUSTRY

BLAIR, CLAUDE C., Metropolitan Paving Brick Co., Canton, Ohio.

ECKLEY, W., U. S. Brick Co., Tell City, Ind.

FENDER, J. E., Acme Brick Co., Fort Worth, Tex.

HORNING, C. B., Lancaster Brick Co., Lancaster, Pa.

HUTTON, G. V. D., Hutton Co., Kingston, N. Y.

JENKINS, J. M., Jenkins Brick Co., Montgomery, Ala.

JUDD, M. D., Mason City Brick & Tile Co., 19 West State Street, Mason City, Iowa.

LONG, W. G., New England Brick Co., 22 Beacon Street, Boston, Mass.

MCBEAN, ATHOL, Gladding McBean & Co., 2901 Los Feliz Boulevard, Los Angeles, Calif.

MILLIKEN, K. C., Milliken Brick Co., 2100 Montier Street, Wilkinsburg, Pittsburgh, Pa.

RANKIN, E. R., Statesville Brick Co., Statesville, N. C.

SHIPLEY, ROY, National Fireproofing Co., Pittsburgh, Pa.

SUMMERS, C. THOMAS, Frederick Brick Works, Frederick, Md.

### WIRING DEVICE INDUSTRY

CARROLL, R. E., Arrow-Hart & Hegeman Electric Co., 103 Hawthorne Street, Hartford, Conn.

DORSETT, O. A., Knox Porcelain Corporation, Knoxville, Tenn.

HUBBELL, HARVEY, Harvey Hubbell, Inc., State Street and Bostwick Avenue, Bridgeport, Conn.

JOHNSON, G. A., John I. Paulding, Inc., P. O. Box 952, New Bedford, Mass.

LEVITON, ISADORE, Leviton Manufacturing Co., 236 Greenpoint Avenue, Brooklyn, N. Y.

NICHOLSON, C. L., 2d, Pass & Seymour, Inc., Solvay Station, Syracuse, N. Y.

RING, H. B., Circle F. Manufacturing Co., 720 Monmouth Street, Trenton, N. J.

SEIM, H. E., Bryant Electric Co., Bridgeport, Conn.

## CHEMICALS DIVISION

### ALKYD RESINS INDUSTRY

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| CHEETAM, H. C., Resinous Products & Chemical Co., Philadelphia, Pa.       | McCLOUD, J. L., Ford Motor Co., Detroit, Mich.                     |
| FEININGER, E. T., General Electric Co., Schenectady, N. Y.                | NATHAN, A. N., The California Ink Co., Inc., San Francisco, Calif. |
| FLAHERTY, E. M., E. I. du Pont de Nemours & Co., Wilmington, Del.         | O'CONNOR, C. J., Reichold Chemicals, Inc., Detroit, Mich.          |
| LUTZ, W. H., Pratt & Lambert, Inc., Buffalo, N. Y.                        | PROBECK, E. J., Jones-Dabney Co., Louisville, Ky.                  |
| MACADAM, W. T., American Cyanamid & Chemical Corporation, New York, N. Y. | WITTENBERG, A. J., Stroock & Wittenberg Co., New York, N. Y.       |

### ARSENICAL INSECTICIDES MANUFACTURING INDUSTRY

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| BIDDISON, MARK, General Chemical Co., 40 Rector Street, New York, N. Y.            | MACCORMACK, T. H., E. I. du Pont de Nemours & Co., Inc., Grasselli Chemical Division, Wilmington, Del. |
| BOYD, HALLAM, Commercial Chemical Co., 1172 Thomas Street, Memphis, Tenn.          | MELANDER, C. B., Pittsburgh Plate Glass Co., Milwaukee, Wis.   |
| CARY, J. B., Niagara Sprayer & Chemical Co., Middleport, N. Y.                     | RICHES, GEORGE E., American Agricultural Chemical Co., 50 Church Street, New York, N. Y.               |
| CAVANAGH, J. A., Dow Chemical Co., Midland, Mich.                                  | SOMERVILLE, M. L., the Sherwin-Williams Co., Bound Brook, N. J.  |
| DAVIES, H. C., California Spray Chemical Corporation, Richmond, Calif.             | STEINSCHNEIDER, WM., Ansbacher Siegle Corporation, 50 Union Square, Brooklyn, N. Y.                    |
| FOUNTAIN, J. M., Cotton Poisons, Inc., Bryan, Tex.                                 | WEBSTER, B. P., Chipman Chemical Co., Inc., Bound Brook, N. J.   |
| HAPROV, J. J., Los Angeles Chemical Co., 1906 Santa Fe Avenue, Los Angeles, Calif. | WOOLFOLK, JOHN, Woolfolk Chemical Works, Fort Valley, Ga.  |

### CAFFEINE AND THEOBROMINE INDUSTRY

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| BOYLSTON, A. C., Mallinckrodt Chemical Works, St. Louis, Mo.                   | ROBERT, F. P., Robert & Co., 25 Broad Street, New York, N. Y.   |
| HARTUNG, M. J., Maywood Chemical Co., Maywood, N. J.                           | SHATTUCK, H. F., Monsanto Chemical Co., 1028 Shoreham Building, 15th and H Streets NW., Washington, D. C. |
| KERRIGAN, J. J., Merck & Co., Inc., Rahway, N. J.                              | VANDEWATER, I., R. W. Greef & Co., 10 Rockefeller Plaza, New York, N. Y.                                  |
| METCALFE, CHARLES, General Foods Corporation, 250 Park Avenue, New York, N. Y. | WHITE, W. W., Citro Chemical Co., Maywood, N. J.  |

## CARBON BLACK INDUSTRY

- CABOT, THOMAS D., Godfrey L. Cabot, Inc., 77 Franklin Street, Boston, Mass.
- CARR, REID L., Columbian Carbon Co., 41 East Forty-second Street, New York City.
- EAGLES, R. H., J. M. Huber, Inc., 460 West Thirty-fourth Street, New York City.
- HERKNESS, L. C., Charles Eneu Johnson Co., Tenth and Lombard Streets, Philadelphia, Pa.
- KAYSER, C. E., National Gas Products Association, 500 Fifth Avenue, New York City.
- NELSON, OSCAR, United Carbon Co., Charleston, W. Va.
- WALKER, T. P., Thermatomic Carbon Co., 17 East Forty-second Street, New York City.
- WILGUS, H. M., General Atlas Carbon Division, Box 1181, Pampa, Tex.
- WISHNICK, ROBERT I., Continental Carbon Co., 295 Madison Avenue, New York City.

## CARBON BLACK MANUFACTURERS TECHNICAL INDUSTRY

- AMON, FRED H., Godfrey L. Cabot Co., 77 Franklin Street, Boston, Mass.
- CARLTON, C. E., J. M. Huber Co., 460 West Thirty-fourth Street, New York, N. Y.
- COHAN, LEONARD H., Continental Carbon Co., 295 Madison Avenue, New York, N. Y.
- CURTIS, E. B., Thermatomic Carbon Co., 17 East Forty-second Street, New York, N. Y.
- DROGIN, I., United Carbon Co., Charleston, W. Va.
- HERKNESS, L. C., Chas. Eneu Johnson Co., Tenth and Lombard Streets, Philadelphia, Pa.
- SNOW, CARL W., General Atlas Carbon Division, 60 Wall Street, New York, N. Y.
- WIEGAND, W. B., Columbian Carbon Co., 41 East Forty-second Street, New York, N. Y.

## CARBON TETRACHLORIDE MANUFACTURING INDUSTRY

- DOAN, LELAND I., Dow Chemical Co., Midland, Mich.
- JARIUS, F. W., Diamond Alkali Co., 535 Smithfield Street, Pittsburgh, Pa.
- NEUBERG, LOUIS, Westvaco Chlorine Products Corporation, 405 Lexington Avenue, New York, N. Y.
- STAUFFER, HANS, Niagara Smelting Corporation, 420 Lexington Avenue, New York, N. Y.
- STEELE, BEN, Pennsylvania Salt Manufacturing Co., 1000 Widener Building, Philadelphia, Pa.

## CHEMICAL AND ORGANIC PIGMENTS INDUSTRY

- ALLEGRAERT, JOHN, United Color and Pigment Co., McClellan Street, Newark, N. J.
- BROWN, ARTHUR F., Imperial Paper & Color Co., Glens Falls, N. Y.
- BROWN, THOMAS P., Reichhold Chemicals, Inc., 105 Bedford Avenue, Brooklyn, N. Y.
- CHARTRAND, V. J., Harmon Color Works, Paterson, N. J.
- HILDEBRAND, E. J., A. Wilhelm Co., Reading, Pa.
- McCORKLE, G. A., E. I. du Pont de Nemours & Co., Krebs Pigment Division, Wilmington, Del.

NIEDER, G. W., Hilton Davis Chemical Co., Langdon Farm Road, Cincinnati, Ohio.	SQUIRE, LYLE E., Standard Ultramarine Co., Huntington, W. Va.
REED, R. M., JR., Western Dry Color Co., 608 West Fifty-second Street, Chicago, Ill.	TODD, J. D., Kentucky Color and Chemical Co., Louisville, Ky.
	VAN CLEVE, B. M., Sherwin-Williams Co., 292 Madison Avenue, New York, N. Y.

### CHEMICAL PLANT FACILITIES INDUSTRY

BOYLSTON, ARTHUR C., Mallinckrodt Chemical Works, 3600 North Second Street, St. Louis, Mo.	ROBERTS, THOMAS H., Arnold, Hoffman & Co., Inc., 55 Canal Street, Providence, R. I.
DEHLS, FREDERICK, Benzol Products Co., 237 South Street, Newark, N. J.	SIMONS, HAROLD L., Harold L. Simons, Inc., 11-25 Forty-fourth Road, Long Island, N. Y.
DINSMOOR, DANIEL S., Monsanto Chemical Co., 1700 South Second Street, St. Louis, Mo.	SPITZ, SEYMOUR J., Newport Industries, Inc., 230 Park Avenue, New York, N. Y.
HAEBLER, WILLIAM T., Van American-Haebler, Inc., 315 Fourth Avenue, New York, N. Y.	TALBERT, GUY W., National Analine Co., 40 Rector Street, New York, N. Y.
KILLHEFFER, ELVIN H., E. I. du Pont de Nemours & Co., Inc., Wilmington, Del.	TRUBEK, ROBERT, Trubek Laboratories, Inc., East Rutherford, N. J.
LIDBURY, FRANK A., Oldbury Electrochemical Co., Niagara Falls, N. Y.	WHITAKER, M. C., American Cyana-mid Co., 30 Rockefeller Plaza, New York, N. Y.
McCLURE, HARRY B., Carbide & Carbon Chemical Corporation, 30 East Forty-second Street, New York, N. Y.	ZINSSER, FREDERICK G., Zinsser & Co., Inc., Hastings-on-Hudson, New York, N. Y.

### CELLULOSE ESTER MANUFACTURING INDUSTRY

FOLWELL, JOHN, Eastman Kodak Co., 343 State Street, Rochester, N. Y.	PRATT, Dr. L. A., Monsanto Chemical Co., Everett Station, Boston, Mass.
GIVEN, Dr. GUY C., E. I. du Pont de Nemours & Co., Wilmington, Del.	SHOEMAKER, C. S., Dow Chemical Co., 917 Jefferson Avenue, Midland, Mich.
MacADAMS, W. T., American Cyana-mid & Chemical Corporation, 30 Rockefeller Plaza, New York, N. Y.	STONEY, RICHARD, Stoney-Mueller, Inc., Lyndhurst, N. J.

### CHLORINE-ALKALI INDUSTRY

CHADWICK, A. B., Solvay Process Co., Solvay Sales Corporation, 40 Rector Street, New York, N. Y.	FRALEY, F. W., Jr., Diamond Alkali Co., 535 Smithfield Street, Pittsburgh, Pa.
DOAN, LELAND I., Dow Chemical Co., Midland, Mich.	HOOKER, R. W., Hooker Electro-Chemical Co., Niagara Falls, N. Y.

JACOBS, S. W., Niagara Alkali Co., 60 East Forty-second Street, New York, N. Y.

MURDOCK, HAROLD R., Director of Research, Champion Paper & Fibre Co., Canton, N. C.

MURPHY, W. J., American Potash & Chemical Corporation, 70 Pine Street, New York, N. Y.

NEUBERG, LOUIS, Westvaco Chlorine Products Corporation, 405 Lexington Avenue, New York, N. Y.

ROUTH, E. E., Mathieson Alkali Works, Inc., 60 East Forty-second Street, New York, N. Y.

STEELE, BEN, Pennsylvania Salt Manufacturing Co., 1000 Widener Building, Philadelphia, Pa.

TAYLOR, IRVING H., Michigan Alkali Co., 60 East Forty-second Street, New York, N. Y.

TOWNEND, DANIEL, Fields Point Manufacturing Co., Providence, R. I.

WINKLER, ELI, Columbia Chemical Division, Pittsburgh Plate Glass Co. and Southern Alkali Co., Rockefeller Center, New York, N. Y.

### COAL TAR DISTILLING INDUSTRY

CLARK, E. W., Allied Chemical and Dye Corporation, 40 Rector Street, New York, N. Y.

FABEN, CHAS. R., Tar Distilling Division, The Jennison-Wright Corporation, Toledo, Ohio.

FORKER, J. N., Koppers Company, Koppers Building, Pittsburgh, Pa.

FREEMAN, J. V., U. S. Steel Corporation, 71 Broadway, New York, N. Y.

HALL, T. H., JR., Public Service Corporation of New Jersey, Newark, N. J.

REILLY, P. C., SR., Reilly Tar & Chemical Corporation, Indianapolis, Ind.

### COPPER FUNGICIDE MANUFACTURING INDUSTRY

BENNETT, WALTER C., Phelps Dodge Refining Co., 40 Wall Street, New York, N. Y.

DAVID, LEON, Brooklyn Chemical Works, Ninth Street, Brooklyn, Baltimore, Md.

FRONK, E. P., California Spray Chemical Co., Richmond, Calif.

HAPROV, J. L., Los Angeles Chemical Co., 1916 Santa Fe Avenue, Los Angeles, Calif.

MATTHEWS, L. G., American Smelting & Refining Co., 120 Broadway, New York, N. Y.

MURPHY, DANIEL, Rohm & Haas, 222 Washington Square, Philadelphia, Pa.

PATTERSON, GEORGE, Irvington Smelting & Refining Co., Irvington, N. J.

PORTER, F. B., Tennessee Corporation, 619-27 Grant Building, Atlanta, Ga.

SOMERVILLE, M. L., Sherwin-Williams, Inc., Bound Brook, N. J.

### DRUGS AND COSMETICS INDUSTRY TRANSPORTATION

ARMSTRONG, L. J., Parke-Davis and Co., Detroit, Mich.

BIRKETT, D. C., E. R. Squibb, Brooklyn, N. Y.

HARRIS, MICHAEL, Max Factor, Inc., Hollywood, Calif.

LEGLER, WARREN B., Lavoris Co., Minneapolis, Minn.

SCHMIDT, C. S., United Drug Co., Boston, Mass.	RETTINO, S. V., Bristol Myers Co., Hillside, N. J.
SHEA, JAMES McD., A. O. Bliss Medical Co., 1811 Columbia Road NW., Washington, D. C.	VEALE, W. L., Plough, Inc., Memphis, Tenn.

WILLIAMS, B. F., Norwich Pharmacal Co., Norwich, N. Y.
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### EARTH COLORS INDUSTRY

BOSSERT, J. W., Reichard-Coulston, 15 East Twenty-sixth Street, New York, N. Y.	LUCKING, WILBUR, C. K. Williams & Co., 640 North Thirteenth Street, Easton, Pa.
CARR, REID L., Magnetic Pigment Co., 601 Case Street, Trenton, N. J.	STARINN, JOHN, 23 Jacob Street, New York, N. Y.
HAVENS, F. B., Prince Manufacturing Co., Bowmanstown, Pa.	

### ETHYLENE DICHLORIDE INDUSTRY

DOAN, LELAND I., Dow Chemical Co., Midland, Mich.	McLAUGHLIN, J. W., Carbide and Carbon Chemicals Corporation, 30 East Forty-second Street, New York, N. Y.
HASKELL, GLENN, U. S. Industrial Alcohol Co., 60 East Forty-second Street, New York, N. Y.	SCHAEFER, J. H., Manufacturing and Traffic Department, Ethyl Corpora- tion, Chrysler Building, New York, N. Y.

### GLUE MANUFACTURING INDUSTRY

BUTLER, W. C., Darling & Co., Forty- second Street and South Ashland Avenue, Chicago, Ill.	GUNNELL, W. J., Peter Cooper Cor- porations, Gowanda, N. Y.
CECILL, R. E., Glue Division, Swift & Co., Union Stockyards, Chicago, Ill.	PHILLIPS, J. T., Consolidated Chem- ical Industries, Inc., 630 Fifth Avenue, New York, N. Y.
DELANY, H. S., Delany & Co., Inc., Tacony, Philadelphia, Pa.	STEWART, T. J., Milligan & Higgins Corporation, 222 Front Street, New York, N. Y.

### HOUSEHOLD AND INDUSTRIAL INSECTICIDE MANUFACTURING INDUSTRY

BRENN, J. L., Huntington Labora- tories, Inc., Huntington, Ind.	POWELL, J., John Powell & Co., 114 East Thirty-second Street, New York, N. Y.
BUETTNER, W. O., Buettner Pest Control Co., 3019 Fort Hamilton Parkway, Brooklyn, N. Y.	THOMSEN, E. G., J. R. Watkins Co., Winona, Minn.
HAMILTON, H. W., Koppers Co., White Tar Division, Belleville Turn- pike, Kearny, N. J.	WILLIAMS, G. D., George L. Williams, Co., 5700 Train Avenue, Cleveland, Ohio.
JONES, L. W., McCormick & Co., Inc., 400 Light Street, Baltimore, Md.	ZICK, W. J., Stanco, Inc., 2 Park Avenue, New York, N. Y.
MAYFIELD, P., Hercules Powder Co., 908 Market Street, Wilmington, Del.	

## INDUSTRIAL ALCOHOL PRODUCERS INDUSTRY

- BROWN, OWSLEY, Brown-Forman Distilling Co., 1908 Howard Street, Louisville, Ky.
- CELLA, J. B., Roma Wine Co., Inc. P. O. Box 1592, Fresno, Calif.
- HASKELL, GLEN, U. S. Industrial Chemicals, Inc., 60 East Forty-second Street, New York, N. Y.
- KRUG, WM. F., Organic Chemicals Department, Alcohol Division, E. I. du Pont de Nemours & Co., Inc., Wilmington, Del.
- MARKS, DR. LEWIS H., Publicker Commercial Alcohol Co., 1429 Walnut Street, Philadelphia, Pa.
- McLAUGHLIN, JAMES, Carbide & Carbon Chemicals Corporation, 30 East Forty-second Street, New York, N. Y.
- SESKIS, I. J., Schenley Distillers Corporation, Empire State Building, New York, N. Y.
- VAN WINKLE, JULIAN P., Stitzel Weller Distillery, Station D, Louisville, Ky.
- VEENEMAN, W. H., Frankfort Distilleries, Inc., Columbia Building, Louisville, Ky.
- WILLKIE, H. F., Jos. E. Seagram & Sons, Inc., Seventh Street Road, Louisville, Ky.

## INORGANIC ACIDS INDUSTRY

- BIDDISON, M. M., General Chemical Co., 40 Rector Street, New York, N. Y.
- GARESCHE, C. F., Titanium Division, National Lead Co., 111 Broadway, New York, N. Y.
- HEUBECK, ELMER, The Davison Chemical Corporation, 20 Hopkins Place, Baltimore, Md.
- KELLEY, PARK, Ozark Chemical Co., Box 449, Tulsa, Okla.
- KNOKE, F. W., American Zinc, Lead & Smelting Co., 943 Paul Brown Building, St. Louis, Mo.
- LOWERY, J. D., American Cyanamid & Chemical Corporation, 30 Rockefeller Plaza, New York, N. Y.
- MULLIN, JOSEPH, Southern Acid & Sulphur Co., 900 Rialto Building, St. Louis, Mo.
- RAND, WM. R., Merrimac Division, Monsanto Chemical Co., Everett, Mass.
- RYLAND, EDWARD, Virginia-Carolina Chemical Co., 627 East Main Street, Richmond, Va.
- SANFORD, JOHN E., Armour Fertilizer Works Division, Armour & Co., Walton Building, Atlanta, Ga.
- STAUFFER, H., Stauffer Chemical Co., 420 Lexington Ave., New York, N. Y.
- THOMPSON, E. C., Grasselli Chemicals Department, E. I. du Pont de Nemours & Co., Wilmington, Del.
- WHITING, GEORGE A., Standard Wholesale Phosphate and Acid Works, Inc., Mercantile Trust Building, Baltimore, Md.

## LIME INDUSTRY

- BYE, REED C., Warner Co., 219 North Broad Street, Philadelphia, Pa.
- DICKEY, RALPH L., Kelley Island Lime & Transport Co., Leader Building, Cleveland, Ohio.
- DURRELL, JOHN R., Hoosac Valley Lime Co., Inc., Box 161, Adams, Mass.
- JOHNSTON, ERIC, Washington Brick and Lime Co., c/o National Chamber of Commerce, K Street, Washington, D. C.
- LEWIS, WARREN, Longview-Saginaw Lime Works, Chamber of Commerce Bldg., Birmingham, Ala.
- MATHEWS, H. B., Jr., Mississippi Lime Co., Alton, Ill.

McNULTY, BERNARD L., Marblehead Lime Co., 160 North La Salle Street, Chicago, Ill.

MINOR, AMOS B., National Gypsum Co., 325 Delaware Avenue, Buffalo, N. Y.

SPRAGUE, W. W., National Mortar & Supply Co., 1520 Grant Building, Pittsburgh, Pa.

WILLIAMS, E. I., Riverton Lime Co., Riverton, Va.

### LIQUID CARBON DIOXIDE DISTRIBUTORS INDUSTRY

BRIGHTWELL, O. A., Jr., Parker-Browne Co., 1300 E. Presidio Street, Fort Worth, Tex.

CUSACK, GEORGE C., Pure Carbonic Incorporated, 60 East Forty-second Street, New York, N. Y.

DOLAN, GEORGE W., The Mathieson Alkali Works, Incorporated, 60 East Forty-second Street, New York, N. Y.

DROSTE, PAUL, National Cylinder Gas Co., 205 West Wacker Drive, Chicago, Ill.

FOWLER, John E., Fowler Carbonic Company, Incorporated, Rosslyn, Va.

HARRIS, ALLYN, Cardox Corporation, 307 North Michigan Avenue, Chicago, Ill.

LAVEDAN, P. F., The Liquid Carbonic Corporation, Chrysler Building, New York, N. Y.

SWOPE, R. B., Southern Oxygen Co., Inc., P. O. Box 5087, Washington, D. C.

WITT, J. B., Witt Ice & Gas Co., 652 East Sixty-first Street, Los Angeles, Calif.

### LYE INDUSTRY

CONGLETON, ELLIOTT, B. T. Babbit, Incorporated, 386 Fourth Avenue, New York, N. Y.

DRACKETT, HARRY R., The Drackett Co., 5020 Spring Grove Avenue, Cincinnati, Ohio.

DRUMMOND, DONALD, Bray Chemical Co., 2010 South Marshall Boulevard, Chicago, Ill.

HEDGEPETH, L. L., Pennsylvania Salt Manufacturing Co., 1000 Widener Building, Philadelphia, Pa.

SINCLAIR, HARRY M., Jr., The Sinclair Manufacturing Co., 1125 Brown Avenue, Toledo, Ohio.

STARK, C. C., The Buckeye Soda Co., P. O. Box 70, Painesville, Ohio.

### MARINE PAINT MANUFACTURING INDUSTRY

BAXTER, ANDREW, JR., Federal Composition & Paint Co., 33 Rector Street, New York, N. Y.

BEATTY, C. FRANCIS, Socony Paint Products, 26 Broadway, New York, N. Y.

DEVLIN, DANIEL J., Marine Paint & Varnish Co., 8301 Fig Street, New Orleans, La.

FIRMAN, HARRY, Red Hand Compositions Co., Incorporated, 1 Broadway, New York, N. Y.

DAVIS, V. W., Baltimore Cooper Paint Co., Key Highway, Baltimore, Md.

KENNEDY, PAUL, Murphy Varnish Co., McWhorter Street, Newark, N. J.

LOGAN, L. B., Illinois Paint Works, 1034 South Kostner Avenue, Chicago, Ill.

PATTERSON, BENJAMIN, JR., The Patterson-Sargent Co., 420 Lexington Avenue, New York, N. Y.

WARD, ARTHUR, International Paint Co., 21 West Street, New York, N. Y.

WONSON, A. S., Tarr & Wonson Ltd., Gloucester, Mass.

## MATCH MANUFACTURING INDUSTRY

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| AUGUSTINE, W. O., Diamond Match Co., 30 Church Street, New York, N. Y.                 | FRUITMAN, SULLY, Jersey Match Co., Durant Building, 829 Newark Avenue, Elizabeth, N. J.     |
| BEAN, D. D., D. D. Bean & Sons Co., East Jaffrey, N. H.                                | POSNER, B. Z., Match Corporation of America, 3433-43 West Forty-eighth Place, Chicago, Ill. |
| BREWSTER, H. H., Palmer Match Co., Union Bank Building, Akron, Ohio.                   | ROSENBERG, A. H., Universal Match Corporation, St. Louis, Mo.                               |
| FAIRBURN, R. G., Berst-Forster-Dixfield, 155 East Forty-fourth Street, New York, N. Y. |   |

## NATURAL RESINS PRODUCERS INDUSTRY

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| HAUXHURST, GEORGE, S., Winterbourne & Co., 164 Water Street, New York, N. Y.                      | WITTENBURG, A. J., Stroock & Wittenburg Co., 60 East Forty-second Street, New York, N. Y. |
| PATTERSON, W. A., G. W. S. Patterson Co., 155 John Street, New York, N. Y.                        | YOUNG, JOHN, Gillespie-Roger Pyatt & Co., Incorporated, 80 John Street, New York, N. Y.   |
| SCHARWACHTER, A., American Cyanamid & Chemical Corporation, 30 Rockefeller Plaza, New York, N. Y. |   |

## NAVAL STORES INDUSTRY

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| COLLEDGE, E. W., Southern Pine Chemical Co., (Division of the Glidden Co.) Jacksonville, Fla. | NASH, J. C., Columbia Naval Stores, P. O. Box 1281, Savannah, Ga.  |
| CROSBY, R. H., Crosby Naval Stores, Picayune, Miss.   | SPITZ, S. J., Newport Industries, Incorporated, 230 Park Avenue, New York, N. Y.   |
| FORSTER, A. E., Hercules Powder Co., Incorporated, 900 Market Street, Wilmington, Del.        | TAYLOR, THOMAS J., JR., Taylor, Lowenstein & Co., Mobile, Ala.   |
| HODGES, W. D., Filtered Rosin Products, Incorporated, Brunswick, Ga.                          | WAFER, JOSEPH M., Industrial Chemical Sales Division, West Virginia Pulp and Paper Co., 230 Park Avenue, New York, N. Y. |
| JENNINGS, W. H., Chemical Division, Chesapeake Camp Corporation, Franklin, Va.                |  |

## OLEO-RESINOUS AND TOWER OIL COATING INDUSTRY

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| AGNEW, ARTHUR, Alligator Co., St. Louis, Mo.                                 | HEMINGWAY, H. J., Standard Coated Products Co., 40 Worth Street, New York, N. Y. |
| DETTMAR, JOHN, Dettmar Coated Products Co., 739 Thomas Street, Newark, N. J. | HYATT, CHARLES, Columbus Coated Fabrics Corporation, Columbus, Ohio.             |
| HARDING, LOUIS, A. J. Tower Co., Boston, Mass.                               | LINES, E. M., Bird & Son, Inc., East Walpole, Mass.                              |

MILLAR, M., Paraffine Co., 475 Brannon Street, San Francisco, Calif.

ROBE, ROBERT S., Electro-Technical Products Co., Nutley, N. J.

SHERMAN, ROGER, Taunton Coating Mills, Taunton, Mass.

WOODMAN, H. L., Wadsworth & Woodman, Winthrop, Maine.

## ORGANIC PLASTICS AND RESINS MANUFACTURING INDUSTRY

BROOKS, JOHN C., Plastics Division, Monsanto Chemical Co., Springfield, Mass.

KREHBIEL, H., Catalin Corporation, One Park Avenue, New York, N. Y.

LAUCKS, I. F., I. F. Laucks, Inc., Seattle, Wash.

NIXON, S., Nixon Nitration Works, Nixon, N. J.

NOVOTNY, E. E., Durite Plastics, Frankford Station, Philadelphia, Pa.

PALMER, S. E., Cellulose Products Division, Tennessee Eastman Corporation, Kingsport, Tenn.

PITCHER, A. E., Plastics Department, E. I. du Pont de Nemours Co., Incorporated, Wilmington, Del.

PUTNAM, S. W., Dow Chemical Co., Midland, Mich.

REILLY, P. C., JR., Reilly Tar & Chemical Corporation, 500 Fifth Avenue, New York, N. Y.

RODGERS, JAMES L., JR., Plaskon Company, Incorporated, 2112 Sylvan Avenue, Toledo, Ohio.

ROSSI, L. M., Bakelite Corporation, 30 East Forty-Second Street, New York, N. Y.

SIMON, GEORGE, American Plastics Corporation, 50 Union Square, New York, N. Y.

## OXYGEN AND ACETYLENE INDUSTRY

BARTRAM, V. G., Shawinigan Chemicals, Ltd., Montreal, Canada.

COYNE, P., Stuart Oxygen Co., 351 California Street, San Francisco, Calif.

FRANCIS, PARKER B., Puritan Compressed Gas Corporation, 2012 Grand Avenue, Kansas City, Mo.

HAINES, CHARLES J., National Cylinder Gas Co., 205 West Wacker Drive, Chicago, Ill.

KIRK, S. B., Linde Air Products Co., 30 East Forty-second Street, New York, N. Y.

RICKEL, C. K., Big Three Welding Equipment Co., 1717 East Presidio Street, Fort Worth, Tex.

SWOPE, R. B., Southern Oxygen Co., Box 5087, Washington, D. C.

VAN FLEET, HERMAN, Air Reduction Sales Co., 60 East Forty-second Street, New York, N. Y.

## PAINT, VARNISH, AND LACQUER INDUSTRY

CLARK, WALTER M., The Muralo Co., Incorporated, Staten Island, N. Y.

CROLL, PAUL R., Pittsburgh Plate Glass Co., Pittsburgh, Pa.

DE BRUN, O. J. S., Egyptian Lacquer Mfg. Co., R. K. O. Building, New York, N. Y.

FLAHERTY, E. M., E. I. du Pont de Nemours and Co., Wilmington, Del.

GILMAN, W. D., Gilman Paint and Varnish Co., Chattanooga, Tenn.

JAEGLE, ROBERT F., Jaegle Paint and Varnish Co., Philadelphia, Pa.

LANE, FRANKLIN J., Boston Varnish Co., Boston, Mass.

LONGWORTH, W. I., Lilly Varnish Co., Indianapolis, Ind.

McIVER, EDWARD H., Leland Moore Paint and Oil Co., Charleston, S. C.	OAKLEY, R. H., Oakley Paint Co., Los Angeles, Calif.
MARGETTS, H. S., W. P. Fuller and Co., San Francisco, Calif.	SULZBERGER, FRANK, Enterprise Paint Co., 333 South Peoria Street, Chicago, Ill.
MERKIN, MICHAEL J., M. J. Merkin Paint Co., 1441 Broadway, New York, N. Y.	STEUDEL, A. W., Sherwin-Williams Co., Cleveland, Ohio.

### PETROLEUM DERIVATIVES INDUSTRY

CAMERON, DONALD, Union Oil Co. of California, 617 West Seventh Street, Los Angeles, Calif.	NICHOLS, A. B., Standard Oil Co. of Ohio, 1720 Midland Building, Cleveland, Ohio.
CLARK, D. P., Gulf Oil Corporation, Gulf Building, Pittsburgh, Pa.	OTTO, HAROLD W., Socony Vacuum Oil Co., 26 Broadway, New York City.
FRENDLICH, J. C., Standard Oil Co. of New Jersey, 26 Broadway, New York City.	SYMON, B. G., Shell Oil Company, Inc., 50 West Fiftieth Street, New York City.
LITTER, D. H., D. H. Litter Co., Inc., 242 West Fifty-fifth Street, New York City.	TOBY, E. M., JR., American Mineral Spirits Co., 155 East Forty-Fourth Street, New York City.

### PHARMACEUTICAL MANUFACTURING INDUSTRY

BOBST, ELMER, Hoffman LaRoche, Inc., Nutley, N. J.	LESCOHIER, DR. A. W., Parke, Davis & Co., Detroit, Mich.
CLOUGH, S. DEWITT, Abbott Laboratories, North Chicago, Ill.	LILLY, ELI, Eli Lilly & Co., Indianapolis, Ind.
FLINT, GEORGE R., Flint, Eaton & Co., Decatur, Ill.	MCNEIL, ROBERT LINCOLN, McNeil Laboratories, Inc., 2900 North Seventeenth Street, Philadelphia, Pa.
FROHRING, PAUL R., General Biochemicals, Inc., Chagrin Falls, Ohio.	NELSON, C. H., JR., Hart Drug Corporation, Twenty-Fifth Street, Northeast, Miami, Fla.
KLUMPP, DR. THEODORE G., Winthrop Chemical Co., 170 Varick Street, New York, N. Y.	PALMER, CARLETON H., E. R. Squibb & Sons, Inc., 745 Fifth Avenue, New York, N. Y.

### PHTHALIC ANHYDRIDE INDUSTRY

FLAHERTY, E. M., Fabrics and Finishes Department, E. I. du Pont de Nemours & Co., Inc., Wilmington, Del.	O'CONNER, C. J., Reichhold Chemicals, Inc., 601 Woodward Heights Boulevard, Detroit, Mich.
MAXWELL, E. M., National Aniline & Chemical Division, 40 Rector Street, New York, N. Y.	QUORTRUP, R. C., The Barrett Division, 40 Rector Street, New York, N. Y.
MCADAMS, W. T., American Cyanamid Co., 30 Rockefeller Plaza, New York, N. Y.	RENNER, F. C., Monsanto Chemical Co., 1700 South Second Street, St. Louis, Mo.

## POTASH PRODUCERS INDUSTRY

ALBRIGHT, HORACE M., United States Potash Co., 30 Rockefeller Plaza, New York, N. Y.

BAKER, F. C., American Potash & Chemical Corporation, 70 Pine Street, New York, N. Y.

GRANT, J. B., Potash Company of America, First National Bank Building, Denver, Colo.

MARGESON, JAMES P., Jr., International Minerals & Chemical Corporation, 20 North Wacker Drive, Chicago, Ill.

## PRIMARY CHROMIUM CHEMICAL PRODUCERS INDUSTRY

BENINGTON, GEORGE A., Mutual Chemical Co. of America, 270 Madison Avenue, New York, N. Y.

BROWN, ARTHUR F., Imperial Paper & Color Co., Glens Falls, N. Y.

GOMAN, H. A., Natural Products Refining Co., 902 Garfield Avenue, Jersey City, N. J.

MARLATT, CLYDE, Martin Dennis Co., 859 Summer Avenue, Newark, N. J.

PRIOR, H. B., Prior Chemical Corporation, 420 Lexington Avenue, New York, N. Y.

## PRINTING INK MANUFACTURERS INDUSTRY

BARTA, W. E., Barta-Griffin Co., 72 Commercial Street, Worcester, Mass.

CALLAHAN, JOHN M., U. S. Printing & Lithograph Co., Beech & Robertson Avenue, Cincinnati, Ohio.

CARROLL, CHARLES C., Sinclair-Carroll Co., 591 Eleventh Avenue, New York, N. Y.

CHAUNCEY, A. W., International Printing Ink Division, Interchemical Corporation, 75 Varick Street, New York, N. Y.

DRISCOLL, MARTIN, Martin Driscoll & Co., 610 Federal Street, Chicago, Ill.

ELLISON, J., Lewis Roberts, Inc., 72 Union Street, Newark, N. J.

FLINT, HOWARD, H. Flint Co., Detroit, Mich.

GEORGE, HENRY, Henry George Associates, 1130 West Newport Avenue, Chicago, Ill.

HAWLEY, H. B., Hilton Hawley Co., Cincinnati, Ohio.

HILL, A. B., Hill-Hentschel Co., 3928 Clayton Avenue, St. Louis, Mo.

HILLAS, R. M., Frederick H. Levey Co., 41 East Forty-second Street, New York, N. Y.

HRABACK, L. W., Sleight Metallic Ink Co., 717 Congress Street, Chicago, Ill.

HUBER, W. G., J. M. Huber Co., 460 West Thirty-fourth Street, New York, N. Y.

KELLY, E. J., C. E. Bowers Co., 157 Fourth Avenue, North, Nashville, Tenn.

MATH, A. J., Sinclair & Valentine Co., 611 West One Hundred and Twenty-ninth Street, New York, N. Y.

REED, C. M., California Ink Co., 545 Sansome Street, San Francisco, Calif.

RICHARDS, P. D., General Printing Ink Co., 100 Sixth Avenue, New York, N. Y.

## PROPRIETARY DRUG MANUFACTURING INDUSTRY

BEARDSLEY, C. S., Miles Laboratories, Elkhart, Ind.

CLARK, H. M., Dr. Hess & Clark, Inc., Ashland, Ohio.

DEWEES, DR. FRANK L., S. F. Baker & Co., Keokuk, Iowa.

HANISCH, ARTHUR, Stuart Co., 32 South Oak Knoll Avenue, Pasadena, Calif.

- HILL, JAMES, Sterling Products, Inc., 110 Varick Street, New York, N. Y.
- KIRN, W. J., American Home Products, 350 Fifth Avenue, New York, N. Y.
- MCINTYRE, JOSEPH D., DR. D. Jayne & Son, Inc., Delaware Avenue and Vine Street, Philadelphia, Pa.
- MANFUSO, J. A., J. S. Tyree Chemist Co., Washington, D. C.
- PLOUGH, ABE, Plough, Inc., Memphis, Tenn.
- PREYER, W. Y., Vick Chemical Co., Greensboro, N. C.
- SINGLETON, THOMAS B., The Murine Co., Inc., 660 North Wabash Avenue, Chicago, Ill.

#### TECHNICAL INDUSTRY FOR PROTECTIVE AND TECHNICAL COATINGS

- ALLEN, AUSTIN O., Vita-Var Corporation, 46 Albert Avenue, Newark, N. J.
- EVERETT, RALPH H., Keystone Varnish Co., 71 Otsego Street, Brooklyn, N. Y.
- FAWKES, CHARLES R., Pyroxylin Products, Inc., 4851 South St. Louis Avenue, Chicago, Ill.
- FRISHKORN, MARK, Ault & Wiborg Corporation, Cincinnati, Ohio.
- GARDNER, DR. H. A., National Paint, Varnish & Lacquer Association 1500 Rhode Island Avenue Northwest, Washington, D. C.
- HALLETT, R. L., National Lead Co., 111 Broadway, New York, N. Y.
- HIPKINS, C. C., Bell Telephone Laboratories, 463 West Street, New York, N. Y.
- IDDINGS, CARL, Prescott Paint Co., 445 West Thirty-first Street, New York, N. Y.
- LONG, DR. J. S., Devoe and Raynolds, Inc., P. O. Box 328, Louisville, Ky.
- LOO, M. VAN, The Sherwin-Williams Co., One Hundred and Fifteenth Street and Cottage Grove Avenue, Chicago, Ill.
- MARSHALL, DR. JOHN, E. I. du Pont de Nemours & Co., Inc., Wilmington, Del.
- MATTIELLO, DR. JOSEPH J., Hilo Varnish Corporation, 4260 Stewart Avenue, Brooklyn, N. Y.
- MOORE, J. C., Sinclair Refining Co., P. O. Box 516, Marcus Hook, Pa.
- SANDERSON, JOHN McE., American Cyanimid and Chemical Corporation, 30 Rockefeller Plaza, New York, N. Y.
- STOPPEL, DR. EARNEST A., The Valspar Corporation, 364 Manhattan Avenue, Brooklyn, N. Y.
- VESCE, VINCENT C., Harmon Color Works, 550 Belmont Avenue, Haledon, N. J.
- WILSON, DR. S. P., The Varnish Products Co., 5208 Harvard Avenue, Cleveland, Ohio.

#### PYRETHRUM PROCESSORS INDUSTRY

- DERMODY, W. E., Gulf Oil Corporation, Gulf Building, Pittsburgh, Pa.
- GNADINGER, C. B., McLaughlin Gormley King Co., 1715 Fifth Street, Southeast, Minneapolis, Minn.
- HOPKINS, J. L., J. L. Hopkins & Co., 220 Broadway, New York, N. Y.
- JONES, L. P., McCormack & Co., Light Street, Baltimore, Md.
- KING, HAROLD, R. J. Prentiss & Co., 80 John Street, New York, N. Y.
- NEPTUNE, R. P., Allaire-Woodward & Co., 28 North Adams Street, Peoria, Ill.
- NOBLE, HAROLD, S. B. Penick & Co., 50 Church Street, New York, N. Y.
- ROSEFIELD, J. B., Anfo Manufacturing Co., 3129 Elmwood Avenue, Oakland, Calif.
- SEELAND, H. F., Stanco, Inc., P. O. Box 216, Elizabeth, N. J.
- STIRTON, J. C., Standard Oil Co. of California, San Francisco, Calif.
- STODDARD, R. B., Dodge & Olcott, 180 Varick Street, New York, N. Y.
- WEED, DR. ALFRED, John Powell & Co., 114 East Thirty-second Street, New York, N. Y.

## PYROXYLIN AND VINYL RESIN COATED PAPER AND FABRIC INDUSTRY

- CALAHAN, M. J., E. I. du Pont de Nemours Co., Inc., Wilmington, Del.
- CARPENTER, L. E., L. E. Carpenter & Co., 444 Frelinghuysen Avenue, Newark, N. J.
- FRIEDLANDER, Frank V., C. R. Whiting Co., Inc., Hackensack, N. J.
- GROWER, JAMES G., Haartz-Mason Grower Co., Watertown, Mass.
- HARPER, ROBERT A., Holliston Mills, Inc., Norwood, Mass.
- JACKSON, G. M., Western Shade Cloth Co., Twenty-second and Jefferson Avenue, Chicago, Ill.
- LIPPmann, J. D., Textileather Corporation, Toledo, Ohio.
- MCCORMACK, F. J., Permatex Fabrics Corporation, Jewett City, Conn.
- MASLAND, W. E., Masland Duraleather Co., Ambo and Willard Streets, Philadelphia, Pa.
- SHEARER, WALTER V., The Plastic Coating Corporation, Holyoke, Mass.
- SOMMERS, F. F., Chicago Rubber Clothing Co., Racine, Wis.
- WEIDIG, J. K., Zapon Keratol Division, Atlas Powder Co., Stamford, Conn.
- YOUNG, JOHN W. F., Federal Leather Co., Belleville, N. J.

## ROTENONE PROCESSORS INDUSTRY

- JOYCE, ROBERT, Derris, Inc., 79 Wall Street, New York, N. Y.
- KING, HAROLD, R. J. Prentiss & Co., 80 John Street, New York, N. Y.
- NOBLE, HAROLD, S. B. Penick & Co., 50 Church Street, New York, N. Y.
- POWELL, JOHN, John Powell & Company, Inc., 114 East Thirty-second Street, New York, N. Y.
- STODDARD, RUSSELL B., Dodge & Olcott, 180 Varick Street, New York, N. Y.

## SHELLAC INDUSTRY

- BRADSHAW, A., Bradshaw Praeger & Co., 3252 West Forty-seventh Place, Chicago, Ill.
- GILLESPIE, LOUIS, Gillespie-Rogers Pyatt & Co., 80 John Street, New York, N. Y.
- McCLINTOCK, R. W., Mac-Lac Co., Inc., 127 Maiden Lane, New York, N. Y.
- PRICE, HENRY E., Colony Import & Export Co., 11 East Forty-fourth Street, New York, N. Y.
- ROSEN, MORRIS A., the Mantrose Corporation, 136 Forty-first Street, Brooklyn, N. Y.
- ROWE, PHILLIP N., 110 Washington Street, New York, N. Y.
- SMITH, H. C., Southern Shellac Manufacturing Co., Memphis, Tenn.
- ZINSSER, RUDOLPH, Willima Zinsser & Co., 516 West Fifty-ninth Street, New York, N. Y.

## THERMOPLASTICS PROCESSORS INDUSTRY

- ALLEN, FRANK, Wood Heel Division, Vulcan Corporation, Portsmouth, Ohio.
- FOSTER, JOSEPH C., Foster Grant Co., Inc., Leominster, Mass.
- FROST, A. G., the Esterbrook Pen Co., Camden, N. J.
- FRYLING, W. H., Erie Resistor Corporation, Erie, Pa.

HENDRIE, GEORGE S., Detroit  
Macoid Corporation, 12340 Clover-  
dale Avenue, Detroit, Mich.

HILL, WARREN E., Pro-phy-lac-tic  
Brush Co., Florence, Mass.

HULTMAN, I. N., Eastman Kodak  
Co., Rochester, N. Y.

LIVINGSTON, CHARLES C., Cruver  
Manufacturing Co., 2456 Jackson  
Boulevard, Chicago, Ill.

LONG, HARRY G., Allied Plastics Co.,  
6235 South Manhattan Place, Los  
Angeles, Calif. (mailing address:  
350 Fifth Avenue, New York, N. Y.)

SWEDLOW, DAVID, Swedlow Aero-  
plastics Corporation, 1521 Gardena  
Avenue, Glendale, Calif.

### THERMOSETTING PLASTICS PROCESSORS INDUSTRY

BLUME, W. A., American Brakeblok  
Division, the American Brake Shoe  
& Foundry Co., 4600 Merritt Avenue,  
Detroit, Mich.

CHAPMAN, M. A., Mica Insulator Co.,  
200 Varick Street, New York, N. Y.

DEW, DONALD H., Diemolding Cor-  
poration, Canastota, N. Y.

EHLEIDER, JOHN T., Insulating  
Tube Co., Inc., Poughkeepsie, N. Y.

HALSTEAD, DR. R. T., Johns-Man-  
ville, 22 East Fortieth Street, New-  
York, N. Y.

HIGGINS, MILTON P., Norton Co.,  
Worcester, Mass.

LANDT, DR. G. E., Continental-Dia-  
mond Fibre Co., Newark, Del.

MCLOSKEY, LEONARD T., Taylor  
Fibre Co., Norristown, Pa.

MCINTYRE, THOMAS J., Macklin  
Co., Jackson, Mich.

MILTON, WILLIAM H., Jr., Plastics  
Department, General Electric Co.,  
1 Plastics Avenue, Pittsfield, Mass.

O'CONOR, D. J., the Formica Insula-  
tion Co., 4614 Spring Grove Avenue,  
Cincinnati, Ohio.

SCRIBNER, GEORGE K., Boonton  
Molding Co., Boonton, N. J.

### TITANIUM PIGMENT INDUSTRY

ALLEGERT, JOHN, United Color &  
Pigment Co., McClellan Street, New  
ark, N. J.

DALEY, J. F., E. I. du Pont de Ne-  
mours & Co., Krebs Pigment Divi-  
sion, Wilmington, Del.

ROBERTSON, D. W., Titanium Pig-  
ment Corporation, 111 Broadway,  
New York City.

SPRAGUE, PAUL E., American Zir-  
conium Co., 1396 Union Commerce  
Building, Cleveland, Ohio.

### TOILETRIES AND COSMETICS INDUSTRY

BRESLAUER, B. F., A. Breslauer Co.,  
745 Fifth Avenue, New York, N. Y.

DANILEK, JOSEPH A., Dorothy  
Gray, Ltd., 683 Fifth Avenue, New  
York, N. Y.

DOUGLAS, PAUL H., Burjois, Inc., 35  
West Thirty-fourth Street, New  
York, N. Y.

EVANS, Dr. R. L., Ralph L. Evans  
Associates, 250 East Forty-third  
Street, New York, N. Y.

FACTOR, DAVIS, Max Factor Co.,  
1666 North Highland Avenue, Los  
Angeles, Calif.

GOLDEN, E. W., Jr., Keystone Labo-  
ratories, Inc., 491 South Third Street,  
Memphis, Tenn.

GORDON, JULE, F. W. Fitch Co.,  
250 West Fifty-seventh Street, New  
York, N. Y.

NELSON, JOSEPH D., Andrew Jer-  
gens Co., 2535 Spring Grove Avenue,  
Cincinnati, Ohio.

O'CONNOR, MANNING, Colgate-Palmolive-Peet, 105 Hudson Street, Jersey City, N. Y.

SMITH, JOHN W., Aladdin Laboratories, 420 South Sixth Street, Minneapolis, Minn.

WALLACE, Dr. JOHN H., Jr., Wallace Laboratories, New Brunswick, N. J.

WARREN, NORTHAM, Northam Warren Corporation, 197 Hudson Street, New York, N. Y.

WIEDHOPF, J. E., Perfume Ciro, 565 Fifth Avenue, New York, N. Y.

## TRANSPORTATION FOR PROTECTIVE COATINGS AND MATERIALS

CASLER, H. E., International Corporation, New York, N. Y.

ERLANDSON, A. H., Sanford Mills, Sanford, Maine.

FARROW, H. S., Du Pont Co., Wilmington, Del.

FRANCIS, WALTER, Sapolin Co., Inc., New York, N. Y.

GEIST, CARL A., Eagle Picher Lead Co., Cincinnati, Ohio.

GILOTH, KARL F., American Mineral Spirits Co., Chicago, Ill.

HART, B. C., Tropical Paint & Oil Co., Cleveland, Ohio.

KANE, EDWARD C., Murphy Varnish Co., Newark, N. J.

KIRK, ROBERT V., Roxalin Flexible Finishes Co., Elizabeth, N. J.

SHEPPARD, M. W., Hercules Powder Co., Wilmington, Del.

WINZENRIED, J. J. A., Davoe & Reynolds Co., Inc., New York, N. Y.

## VINYL RESINS PRODUCERS INDUSTRY

BROOKS, JOHN C., Monsanto Chemical Co., Springfield, Mass.

BUNN, H. S., Plastics Division, Carbide & Carbon Chemicals Corporation, 30 East Forty-second Street, New York, N. Y.

GOGGIN, W. C., Plastics Sales Division, the Dow Chemical Co., Midland, Mich.

HOOVER, J. R., Synthetics Sales Division, the B. F. Goodrich Co., Akron, Ohio.

LOUTREL, L. F., Shawinigan Products Corporation, Empire State Building, New York, N. Y.

LUND, JOHN A., Dewey & Almy Chemical Co., Inc., Cambridge, Mass.

PITCHER, A. E., Plastics Department, E. I. du Pont de Nemours & Co., Inc., Wilmington, Del.

TOWNSEND, HENRY B., General Latex & Chemical Corporation, 666 Main Street, Cambridge, Mass.

## VITAMIN A MANUFACTURERS INDUSTRY

BEARD, HARRY R., New England Fish Co., Box 595, Astoria, Oreg.

BRANCHFLOWER, LYLE, Halibut Liver Oil Producers, 810 Third Avenue, Seattle, Wash.

BROWN, PERC S., National Oil Products Co., First and Essex Streets, Harrison, N. J.

BURCHARD, GEORGE W., JR., Washington Laboratories, Bell Street Terminal, Seattle, Wash.

FRENCH, ROBERT M., Shark Industries, Inc., 840 East First Avenue, Hialeah, Fla.

HANSEN, MORTEN, Collett Corporation, Quimby Street, Ossining, N. Y.

MEES, G. C., Distillation Products, Inc., 755 Ridge Road W., Rochester, N. Y.

MULLINS, F. J., East Bay Fisheries, 311 California Street, San Francisco, Calif.

WEEK, ERLING F., Jr., Technical Fisheries Co., 1332 Evans Avenue, San Francisco, Calif.

### ZINC SULPHIDE PIGMENT INDUSTRY

ALLEGERT, JOHN, United Color & Pigment Co., Division Inter Chemical Corporation, Newark, N. Y.

COOLIDGE, S. B., Jr., Sherwin-Wil- liams Co., Cleveland, Ohio.

DALEY, JOHN F., Krebs Pigment Department, E. I. du Pont de Nemours, Wilmington, Del.

NEUMANN, RALPH M., New Jersey Zinc Co., New York City.

SPRAGUE, PAUL E., the Glidden Co., Cleveland, Ohio.

ZOLLER, M. M., Eagle-Picher Lead Co., Cincinnati, Ohio.

### WAXES AND POLISHES INDUSTRY

CORBOY, STEPHEN, The Simoniz Corporation, Chicago, Ill.

DOLAN, W. A., The Wilbert Products Co., New York, N. Y.

ELY, C. R., R. M. Hollingshead Corporation, Camden, N. J.

HAWTHORNE, H. T., Socony-Vacuum Oil Co., New York, N. Y.

POLNOW, WM. F., Vestal Chemical Laboratories, Incorporated, St. Louis, Mo.

RAMSEY, J. R., S. C. Johnson & Son, Racine, Wis.

REINHARDT, H. E., Jr., American Home Products Co., Jersey City, N. J.

### PRINTING INK TECHNICAL INDUSTRY

BECKITT, JAMES, International Printing Ink Division, Interchemical Corporation, 75 Varick Street, New York, N. Y.

BOND, WILLIAM, Crescent Ink and Color Co., 464 North Fifth Street, Philadelphia, Pa.

CRAMER, DR. GEORGE, Sinclair & Valentine Co., 611 West 129th Street, New York, N. Y.

DUHRING, DR. LESTER, Frederick H. Levey Co., 222 Forty-fourth Street, Brooklyn, N. Y.

HRABACK, L. W., Slight Metallic Ink Co., 717 Congress Street, Chicago, Ill.

MADDEN, R. E., care of Kohl & Madden, 11-32 South Jefferson Street, Chicago, Ill.

TALBERT, DR. WILLIAM F., General Printing Ink Corporation, 100 Sixth Avenue, New York, N. Y.

THOMA, PAUL, E. J. Kelly Co., Kalamazoo, Mich.

## COMMUNICATIONS EQUIPMENT DIVISION

### TELEPHONE EQUIPMENT & SUPPLIES MANUFACTURING INDUSTRY

- |  |  |
|--|--|
| CLARKE, FRED, Western Electric Co., 195 Broadway, New York, N. Y.                                | PEASE, H. M., Federal Television & Radio Corporation, 67 Broad Street, New York, N. Y. |
| GIBSON, A. F., Stromberg-Carlson Telephone Manufacturing Co., 100 Carlson Road, Rochester, N. Y. | RODORMER, E. W., Reliable Electric Co., 3145 Carroll Avenue, Chicago, Ill.             |
| HASSELHORN, W. C., Cook Electric Co., 2700 Southport Avenue, Chicago, Ill.                       | RUNZEL, W. L., Runzel Cord & Wire Co., 4727 Montrose Avenue, Chicago, Ill.             |
| McBERTY, F. R., North Electric Co., Galion, Ohio.  | SHIPMAN, J. W., Automatic Electric Co., 1033 West Van Buren, Chicago, Ill.             |
| McGRATH, M. K., Kellogg Switchboard, 6650 Cicero Avenue, Chicago, Ill.                           | SIEMUND, R. W., Leich Electric Co., 427 West Randolph Street, Chicago, Ill.            |

### TELEPHONE OPERATIONS INDUSTRY

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|---|---|
| AGEE, J. H., Lincoln Telephone & Telegraph Co., Lincoln, Nebr.                            | McHUGH, KEITH S., American Telephone & Telegraph Co., 195 Broadway, New York, N. Y.                       |
| BLOMEYER, E. C., Theodore Gary & Co., Room 1824, 332 South Michigan Avenue, Chicago, Ill. | NANCE, H. H., Long-Lines Department, American Telephone & Telegraph Co., 32 Sixth Avenue, New York, N. Y. |
| BOYLAN, J. P., Rochester Telephone Co., Rochester, N. Y.                                  | PHILLIPS, R. A., Central Electric & Telephone Co., Sioux Falls, S. Dak.                                   |
| BOZELL, HAROLD, General Telephone Co., 80 Broad Street, New York, N. Y.                   | PORTER, J. R., Carolina Telephone & Telegraph Co., Tarboro, N. C.   |
| BURTON, OSCAR, Gulf States Telephone Co., Tyler, Tex.                                     | REES, J. B., American Telephone & Telegraph Co., 195 Broadway, New York, N. Y.                            |
| DUMAS, H. S., Southern Bell Telephone Co., Atlanta, Ga.                                   | WRIGHT, LLOYD, Jamestown Telephone Corporation, Jamestown, N. Y.  |
| LACY, T. N., Michigan Bell Telephone Co., 1365 Cass Avenue, Detroit, Mich.                |   |

## CONSTRUCTION EQUIPMENT DIVISION

### BITUMINOUS CONSTRUCTION EQUIPMENT MANUFACTURING INDUSTRY

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| BROOKS, RAY E., Cleaver Brooks Co., 5100 North Thirty-third Street, Milwaukee, Wis. | MESSENGER, F. D., W. G. Chausse Co., 4453 Fourteenth Street, Detroit, Mich. |
| GLAZER, L. W., Littleford Bros., 451 East Pearl Street, Cincinnati, Ohio.           | ROSHOLT, THORMAN, Rosco Co., 3108 Snelling Avenue, Minneapolis, Minn.       |
| GREENE, WM., Barber Greene Co., Aurora, Ill.  | WEST, LARRY, Simplicity System Co., Riverside Drive, Chattanooga, Tenn.     |
| HVASS, CHARLES, E. D. Etnyre & Co., Oregon, Ill.                                    | WHITE, H. H., Standard Steel Works, Sixteenth and Howell, Kansas City, Mo.  |
| KENNEDY, D. D., Foote Co., Inc., Nunda, N. Y.                                       | YARRINGTON, MILTON M., Aeroil Burner Co., Inc., West New York, N. J.        |
| MADSEN, WALTER, Madsen Iron Works, Huntington Park, Calif.                          |   |

### CONCRETE CONSTRUCTION MIXER MANUFACTURING INDUSTRY

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|---|---|
| DEVINE, B. F., Construction Equipment Division, Chain Belt Co., Milwaukee, Wis. | HOLDEN, L. S., Construction Machinery Co., Waterloo, Iowa.      |
| DIMOND, GEORGE, Mixer Division, Koehring Co., Milwaukee, Wis.                   | KNICKERBOCKER, W. B., Knickerbocker Co., Jackson, Mich.         |
| GARDNER, LION, Jaeger Machine Co., Columbus, Ohio.                              | MULLER, WALTER, Ransome Concrete Machinery Co., Dunellen, N. J. |
| GILSON, M. V., Gilson Bros., Inc., Fredonia, Wis.                               | PETERS, H. C., T. L. Smith Co., Milwaukee, Wis.                 |

### CONCRETE PAVER MANUFACTURING INDUSTRY

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|---|---|
| DEVINE, B. F., Construction Equipment, Division Chain Belt Co., Milwaukee, Wis. | KENNEDY, D. D., the Foote Co., Inc., Nunda, N. Y.               |
| DIMOND, GEORGE, Mixer Division, Koehring Co., Milwaukee, Wis.                   | MULLER, WALTER, Ransome Concrete Machinery Co., Dunellen, N. J. |

## CONSTRUCTION MACHINERY TRANSPORTATION INDUSTRY

- ARMEL, W. N., International Harvester Co., 180 North Michigan, Chicago, Ill.
- BAHLER, G. A., Caterpillar Tractor Co., Peoria, Ill.
- FOX, H. L., Bucyrus-Erie Co., South Milwaukee, Wis.
- GREENE, FRANK, Gar Wood Industries, Inc., 7924 Riopelle, Detroit, Mich.
- MYERS, S. L., La Plante-Choate Co., Cedar Rapids, Iowa.
- NEWTON, PAUL T., New Holland Machine Co., New Holland, Pa.
- ROSS, FRANK, Willamette Hyster Co., 1800 North Adams, Peoria, Ill.
- VAN TREESE, P. R., J. D. Adams Manufacturing Co., Indianapolis, Ind.

## CONTRACTORS DEWATERING AND SUPPLY PUMP MANUFACTURING INDUSTRY

- BARZEN, R. G., Sterling Machinery Corporation, 411 Southwest Boulevard, Kansas City, Mo.
- CARTER, RALPH B., Ralph B. Carter Co., Hackensack, N. J.
- CARVER, ROY, Carver Pump Co., Rock Island, Ill.
- DEVINE, B. F., Chain Belt Co., Milwaukee, Wis.
- GARDINER, LION, The Jaeger Machine Co., Columbus, Ohio.
- GORMAN, J. C., Gorman Rupp Co., Mansfield, Ohio.
- HARVEY, R. B., Novo Engine Co., Lansing, Mich.
- HASE, JOHN H., C. H. & E. Manufacturing Co., 3849 North Palmer, Milwaukee, Wis.
- HOLDEN L. S., Construction Machinery Co., Waterloo, Iowa.
- MARLOW, A. S., Marlow Pumps, Inc., Ridgewood, N. J.
- PRYER, M. H., Barnes Manufacturing Co., Mansfield, Ohio.
- REISNER, J. E., Domestic Engine & Pump Co., Shippensburg, Pa.

## HAULING SCRAPER MANUFACTURING INDUSTRY

- BAGER, W. M., Bucyrus-Erie Co., 1941 Wyse Street, South Milwaukee, Wis.
- BERTSCH, R. S., Slusser McLean, Sidney, Ohio.
- BURGESS, D. M., R. G. LeTourneau, Inc., Peoria, Ill.
- GRAVES, H. N., La Plante-Choate Co., Cedar Rapids, Iowa.
- GUSMAN, H., Wooldridge Co., Sunnyvale, Calif.
- HAILE, J. B., Gar Wood Industries, Inc., Detroit, Mich.
- HEIL, JOSEPH, The Heil Co., 1937 Pugh Street, Milwaukee, Wis.

## MOTOR GRADER MANUFACTURING INDUSTRY

- BOYD, RALPH S., Galion Iron Works & Manufacturing Co., 1940 Boyd Street, Galion, Ohio.
- BEAL, C. A., W. A. Riddell Corporation, 201 Warren Street, Bucyrus, Ohio.

MEEKER, H. R., J. D. Adams Manufacturing Co., Oliver and Belmont Avenues, Indianapolis, Ind.

OWENS, BEN F., Duplex Manufacturing Co., Omaha, Nebr.

ROBISON, DON, Caterpillar Tractor Co., 1937 Walker Street, Peoria, Ill.

STILES, RALPH, Austin-Western Road Machinery Co., 1936 Barrows Street, Aurora, Ill.

### OVERALL CONSTRUCTION MACHINERY INDUSTRY

BOYD, RALPH E., Galion Iron Works & Mfg. Co., Galion, Ohio.

BAGER, W. M., Bucyrus Erie Co., South Milwaukee, Wis.

GALVIN, ED., R. G. Le Tourneau, Incorporated, Peoria, Ill.

FRINK, CARL H., Frink Snow Plows, 205 Webb Street, Clayton, N.Y.

GARDINER, LION, Jaeger Machine Co., 560 W. Spring Street, Columbus, Ohio.

HIGGINGS, NEAL, International Harvester Co., 180 N. Michigan Avenue, Chicago, Ill.

ISAACSON, HENRY, Isaacson Iron Works, Seattle, Wash.

JAY, JOHN H., Quickway Truck Shovel Co., 4150 Josephine Street, Denver, Colo.

LINDSAY, KENNETH, Iowa Mfg. Co., Cedar Rapids, Iowa.

RICHARDSON, J. F., Buffalo-Springfield Roller Co., Springfield, Ohio.

ROSHOLT, THORMAN W., Rosco Mfg. Co., 3128 Snelling Avenue, Minneapolis, Minn.

SMITH, HAROLD G., The Buda Co., Harvey, Ill.

SMYTHE, C. B., Thew Shovel Co., Lorain, Ohio.

WEST, LARRY B., The Simplicity System Co., Chattanooga, Tenn.

### PORTABLE ROCK CRUSHER MANUFACTURING INDUSTRY

COOK, D. B., Acme Road Machinery Co., Main and Cook Streets, Frankfort, N. Y.

BROOKS, E. N., Brooks Equipment & Manufacturing Co., 804 Davenport Road, Knoxville, Tenn.

DELP, G. C., New Holland Machine Co., New Holland, Pa.

GRUENDLER, W. P., Gruendler Crusher and Pulverizer Co., 2900 North Market Street, St. Louis, Mo.

LINDSEY, KENNETH, Iowa Manufacturing Co., Cedar Rapids, Iowa.

SMITH, GERALD, Smith Engineering Works, 4004 North Holton Street, Milwaukee, Wis.

YERK, L. W., Pioneer Engineering Works, 1515 Central Avenue, Minneapolis, Minn.

### POWER CRANE AND SHOVEL INDUSTRY

BOTTEN, E. W., Owen Bucket, Cleveland, Ohio.

DODGE, CARLTON R., Northwest Engineering, 28 East Jackson Boulevard, Chicago, Ill.

DORWARD, RAY, Insley Mfg. Co., 801 North Olney Street, Indianapolis, Ind.

JAY, JOHN, Quickway Truck Shovel, Denver, Colo.

RAMSAY, MORGAN, Bay City Shovels, Bay City, Mich.

SHELTON, DOC, Marion Steam Shovel, Marion, Ohio.

SMYTHE, C. B., Thew Shovel Mfg. Co., Lorain, Ohio.

## ROCK DRILL AND PAVING BREAKER INDUSTRY

HADDOCK, J. W., Sullivan Machine Co., Michigan City, Ind.

HAZEN, J. S., Manager Rock Drill Division, Chicago-Pneumatic Tool Co., 6 East Forty-fourth Street, New York, N. Y.

McCORMACK, M. L., Manager Rock Drill Sales, Ingersoll-Rand Co., 11 Broadway, New York, N. Y.

MORGAN, R. R., Cleveland Rock Drill Co., 3734 East Twenty-eighth Street, Cleveland, Ohio.

NUGENT, W. A., Independent Pneumatic Tool Co., 600 West Jackson Boulevard, Chicago, Ill.

OECHSLE, CARL, Manager Rock Drill Division, Worthington Pump & Machine, Holyoke, Mass.

PEARSON, R. H., Gardner-Denver Co., Quincy, Ill.

## SNOW PLOW MANUFACTURING INDUSTRY

CRANE, V. C., Baker Manufacturing Co., 524 Stanford Avenue, Springfield, Ill.

FRINK, CARL H., Carl H. Frink, Inc., 215-227 Webb Street, Clayton, N. Y.

GAHNZ, NORMAN R., Wausau Iron Works, Wausau, Wis.

KLAUER, WALTER, Klauer Manufacturing Co., Ninth and Washington Streets, Dubuque, Iowa.

POLK, WILLIAM D., Good Roads Machinery Corporation, Kennett Square, Pa.

SHUNK, J. Q., Shunk Manufacturing Co., Bucyrus, Ohio.

SOULE, GEORGE C., Maine Steel, Inc., 40 Story Street, South Portland, Maine.

## TRACK-LAYING TRACTOR INDUSTRY

ENGLISH, E. B., Caterpillar Tractor Co., Washington, D. C.

HIGGINS, NEAL, International Harvester Co., Chicago, Ill.

MILES, W. E., Cleveland Tractor Co., Cleveland, Ohio.

NOEL, M. L., Allis Chalmers Tractor Co., Milwaukee, Wis.

## TRUCK MIXER-AGITATOR MANUFACTURING INDUSTRY

DEVINE, B. F., Chain Belt Co., Milwaukee, Wis.

FLEMING, T. H., Concrete Transport Mixer Co., 650 Rosedale Avenue, St. Louis, Mo.

GARDINER, LION, Jaeger Machine Co., Columbus, Ohio.

HARRIS, ROBERT T., Blaw-Knox Co., P. O. Box 1198, Pittsburgh, Pa.

MULLER, WALTER, Ransome Machinery Co., Dunellen, N. J.

PETERS, H. C., The T. L. Smith Co., Milwaukee, Wis.

## CONSUMER DURABLE GOODS DIVISION

### BABY CARRIAGE INDUSTRY

HARTMAN, HARVEY, Hartman Manufacturing Co., St. Louis, Mo.	MUCHMORE, W. N., Frank F. Taylor Co., Norwood, Cincinnati, Ohio.
HEDSTROM, CARL, Jr., Hedstrom Union Co., Gardner, Mass.	REUSCH, WM., George Cooper Manufacturing Co., 362 Jefferson Avenue, Brooklyn, N. Y.
HOLMAN, PAUL R., F. A. Whitney Carriage Co., Leominster, Mass.	STEARNS, W. B., Heywood Wakefield Co., Gardner, Mass.
KEYWORTH, GEORGE A., Collier Keyworth Co., Gardner, Mass.	TROENDLE, WM., Thayer Co., Gardner, Mass.
LEDERMAN, B., Leader Baby Carriage Co., 4123 Third Avenue, New York, N. Y.	WELSH, A. D., Welsh Co., 920 Palm Street, St. Louis, Mo.

### BAND INSTRUMENT MANUFACTURING INDUSTRY

BETTONEY, HARRY, The Cundy-Bettoney Co., Inc., Hyde Park, Boston, Mass.	MUELLER, WALTER W., Penzel Mueller & Co., Inc., Long Island City, N. Y.
HOLTZ, FRED A., Martin Band Instrument Co., Elkhart, Ind.	OLDS, R. B., F. E. Olds & Son, Inc., Los Angeles, Calif.
LUDWIG, WM. F., W. F. L. Drum Co., Chicago, Ill.	REYNOLDS, F. A., F. A. Reynolds Co., Inc., Cleveland, Ohio.

### BEDDING INDUSTRY

BEST, L. P., Mebane-Royall Co., Mebane, N. C.	SAMMONS, J. A., Haggard and Marcusson Co., Chicago, Ill.
BRANDWEIN, H. G., A. Brandwein Co., Chicago, Ill.	MOORE, J. L., Hager Manufacturing Co., Muncie, Ind.
CARRAHER, K. F., C. B. Van Vorst Co., Los Angeles, Calif.	OLSON, HARRY R., Land-O-Nod Co., Minneapolis, Minn.
FERGUSON, CHESTER, F. S. Harmon Manufacturing Co., Tacoma, Wash.	SCHOB, A. J., Nachman Springfilled Corporation, Chicago, Ill.
HOLMES, GEORGE, Kay Manufacturing Corporation, Brooklyn, N. Y.	SCHOB, WALTER J., Honor-Bilt Products Co., Philadelphia, Pa.
NOVASCONE, JOHN L., 230 Park Avenue, Simmons Co., main office, New York, N. Y.	WEISGLASS, IRVING, Eclipse Sleep Products, Brooklyn, N. Y.

## BICYCLE MANUFACTURING INDUSTRY

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| BROKAW, H. CLYDE, Shelby Cycle Co., Shelby, Ohio.  | MANTON, J. S., Manton & Smith, 2901 South Cicero Street, Chicago, Ill.                               |
| CARLTON, FRANK, Arnold, Schwinn & Co., 1718 North Kildare, Chicago, Ill.                         | MUELLER, HOMER, Cleveland Welding Co., West One Hundred Seventeenth and Berea Road, Cleveland, Ohio. |
| CLARKE, N. R., Westfield Mfg. Co., Westfield, Mass.  | MYERS, A. H., Iver Johnson Co., Fitchburg, Mass.   |
| DOUGHERTY, JACK, Monark Silver King, Inc., 1240 North Homan Avenue, Chicago, Ill.                | POWERS, NEELY, The Colson Corporation, Elyria, Ohio.   |
| HANNON, F. J., Murray Ohio Mfg. Co., 1115 East One Hundred Fifty-second Street, Cleveland, Ohio. | PRUETT, C. K., Excelsior Manufacturing Co., Inc., Michigan City, Ind.                                |
| HUFFMAN, HORACE, Huffman Manufacturing Co., 115 Gilbert Avenue, Dayton, Ohio.                    | VAN VALKENBURG, E. S., Homer P. Snyder Manufacturing Co., Little Falls, N. Y.                        |

## CHURCH GOODS MANUFACTURING INDUSTRY

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|--|---|
| BENZIGER, BERNARD A., Benziger Brothers, Inc., 12 West Third Street, New York, N. Y. | FENDLER, DONALD C., C. M. Almy & Son, Inc., 562 Fifth Avenue, New York, N. Y. |
| DALEIDEN, LAWRENCE, Lawrence Daleiden Co., 218 West Madison Street, Chicago, Ill.    | HAYES, JAMES P., H. M. H. Co., 48 Bagley Street, Pawtucket, R. I.             |
| DEAGAN, JACK C., J. C. Deagan, Inc., 1770 West Berteau Avenue, Chicago, Ill.         | MEYER, LOUIS J., Louis J. Meyer, Inc., 804 Walnut Street, Philadelphia, Pa.   |
| THOMAS, JOHN R., Thomas Communion Service Co., 322 N. W. Street, Lima, Ohio.         |   |

## COMMERCIAL ELECTRIC COUNTER APPLIANCES INDUSTRY

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|---|--|
| CALL, GRANT, Commercial Cooking Equipment Division, Edison General Electric Appliances, Inc., Chicago, Ill. | RIKER, B. M., Commercial Equipment Department, McGraw Electric Co., Toastmaster Products Division, Elgin, Ill. |
| CORPENING, T. F., Star Manufacturing Co., St. Louis, Mo.  | RUDOLPH, W. H., Savory, Inc., Newark, N. J.  |
| GRISWOLD, ELY, The Griswold Manufacturing Co., Erie, Pa.  |  |

## CONCRETE BURIAL VAULT INDUSTRY

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| ADAMS, GIBSON, Central Products Co., Framingham, Mass. | CHANDLER, HENRY F., Perfected Burial Vault Co., St. Paul, Minn. |
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GUY, CARL, Vibrocage Vault Co., Chittenango, N. Y.	POLLIOTT, EDWIN C., Western Cas- ket Box Co., Kansas City, Mo.
HARRIS, GWYN W., Harris Vault Co., Winston-Salem, N. C.	WOOD, B. E., Washington Vault Works, Rockville, Md.
HARRAR, RUSSEL D., Hillside Cemetery, Roslyn, Pa.	
HUBER, L. E., Huber & Baxter Co., Cincinnati, Ohio.	WOODBURN, WILLIAM, Con-C-Lite Vault Co., Bethesda, Md.

### COSTUME JEWELRY MANUFACTURING INDUSTRY

ARMBURST, GOTTLIB, Armburst Chain Co., 95 Chestnut Street, Providence, R. I.	INGLEBY, GEORGE A., The Hadley Co., 297 Dester Street, Providence, R. I.
BAGNALL, J. C., Swank, Inc., Hazel and Pearl Streets, Attleboro, Mass.	KAPPEL, AUGUST, Fallon & Kappel, 151 West Forty-sixth Street, New York, N. Y.
BALLOU, FREDERICK A., JR., B. A. Ballou & Co., Inc., 61 Peck Street, Providence, R. I.	NIEMEYER, G. H., Handy & Harman, 82 Fulton Street, New York, N. Y.
GRALL, ALBERT, Albert Grall Co., Louisville, Ky.	PETERSON, HENRY A., L. S. Peter- son Co., North Attleboro, Mass.
GRANAT, JOSEPH, Granat Bros., 2390 Mission Street, San Francisco, Calif.	

### DOMESTIC ELECTRIC APPLIANCE INDUSTRY

FITZGERALD, PATRICK J., Fitzgerald Manufacturing Co., Torrington, Conn.	NEECE, D. B., Landers, Frary & Clark, New Britain, Conn.
GRAHAM, B. A., Chicago Flexible Shaft Co., 5600 West Roosevelt Road, Chicago, Ill.	O'BRIEN, W. E., Domestic Appliance Department, McGraw Electric Co., Toastmaster Products Division, Elgin Ill.
KURZON, JOSEPH, Joseph Kurzon Co., 112 West Thirty-first Street, New York, N. Y.	SANGER, A. C., Heating Device, Clock, Fan & Sunlamp Sections, General Electric Co., Bridgeport, Conn.
LUTH, H. L., Dominion Electric Co., Mansfield, Ohio.	SWARTZBAUGH, C. E., Swartzbaugh Manufacturing Co., 1336 West Bancroft Street, Toledo, Ohio.
MYERS, T. B., Hamilton Beach Co., Division of Scovill Manufacturing Co., Rapids Drive, Racine, Wis.	

### DOMESTIC ICE REFRIGERATION INDUSTRY

BECK, T. J., Ice Cooking Appliance Corporation, 6611 Euclid Avenue, Cleveland, Ohio.	IMES, H. B., Progress Refrigeration Co., Maple, Twelfth, and Thirteenth Streets, Louisville, Ky.
FEIVELSON, J., Fy Boro Metal Products, Co., Inc., 1725 St. Marks Avenue, Brooklyn, N. Y.	SANFORD, R. H., Coolerator Co., Fiftieth Avenue and West Wadena Street, Duluth, Minn.

STEVENS, P. E., Maine Manufacturing Co., 46 Bridge Street, Nashua, N. H.

WARD, D. A., Ward Refrigerator & Manufacturing Co., 6501 South Alameda Street, Los Angeles, Calif.

### DOMESTIC SEWING MACHINE INDUSTRY

KASLER, JAY, Free Sewing Machine Co., Rockford, Ill.

LIGHTNER, MILTON C., The Singer Manufacturing Co., New York, N. Y.

LIST, RAYMOND F., National Sewing Machine Co., Belvidere, Ill.

RODGERS, A. S., White Sewing Machine Co., Cleveland, Ohio.

### ELECTRIC RANGE AND WATER HEATER INDUSTRY

FRAZIER, R. T., Cavalier Corporation, Chattanooga, Tenn.

GIBSON, FRANK S., Jr., Gibson Electric Refrigerator Corporation, Greenville, Mich.

JULIAN, A. E., Clark Water Heater Division, McGraw Electric Co., 5201 West Sixty-Fifth Street, Chicago, Ill.

McCORMICK, F. H., Frigidaire Division, General Motors Corporation, Dayton, Ohio.

MILLS, REESE, Merchandising Division, Westinghouse Electric & Manufacturing Co., Mansfield, Ohio.

TURNBULL, R. W., Edison General Electric Appliance Co., Inc., 5600 Taylor Street, Chicago, Ill.

WHITTINGHAM, H. H., Borg-Warner Corporation, Norge Division, 670 East Woodbine Street, Detroit, Mich.

### ELECTROPLATING INDUSTRY

CROPSEY, GUSTAVE, Gustave Cropsey, Incorporated, New York, N. Y.

DAW, B. G., LaSalco, Incorporated, St. Louis, Mo.

KIRBY, T. W., A. T. Wagner Co., Detroit, Mich.

LINDAHL, L. K., Udylite Corporation, Detroit, Mich.

PIERDON, FRED, Art Metal Finishing Co., Washington, D. C.

SOHN, ERWIN, American Radiator & Standard Sanitary Co., Louisville, Ky.

TODD, V. W., Hanson Van Winkle-Munning Co., Matawan, N. J.

WHITE, STAN, Cadmium & Nickel Plating Co., Los Angeles, Calif.

### FLASHLIGHT CASE AND BATTERY INDUSTRY

BARASH, ABRAHAM I., Bright Star Battery Co., Clifton, N. J.

EATON, R. M., Niagara Searchlight Co., Niagara Falls, N. Y.

FERRIS, I. L., Bridgeport Metal Goods Mfg. Co., Bridgeport, Conn.

GELARDIN, ALBERT, Micro-Lite Co., 44 West Eighteenth Street, New York, N. Y.

HIRTLE, D. W., Burgess Battery Co., Freeport, Ill.

HYMAN, HENRY, U. S. Electric Mfg. Corporation, 222 West Fourteenth Street, New York, N. Y.

MEHL, H. C., National Carbon Co., New York, N. Y.	VEA, NORMAN D., Ray-O-Vac Co., Madison, Wis.
SCHRAGER, M. K., Edward Katzinger Co., Chicago, Ill.	WHARTON, JOHN W., Delta Electric Co., Marion, Ind.
SCHUB, I., Acme Battery Corporation, Brooklyn, N. Y.	WILLIAMS, R., Fulton Mfg. Corporation, Wauseon, Ohio.
SWANTON, R. C., Winchester Repeating Arms Co., New Haven, Conn.	WISINGER, F. J., General Dry Batteries, Inc., 1300 Athens Street, Cleveland, Ohio.

#### FOUNTAIN PEN AND MECHANICAL PENCIL INDUSTRY

BOSS, ELLERY A., A. T. Cross Pencil Co., Providence, R. I.	SHEAFFER, CRAIG R., W. A. Sheaffer Co., Ft. Madison, Iowa.
FROST, A. G., Esterbrook Steel Pen Mfg. Co., Camden, N. J.	STERN, E. J., Scripto Manufacturing Co., Atlanta, Ga.
KAHN, JULIUS M., David Kahn, Inc., North Bergen, N. J.	WALLACE, W. F., Inkograph Co., 200 Hudson Street, New York, N. Y.
KELLER, LAWRENCE P., Weidlich Pen Co., Cincinnati, Ohio.	WATERMAN, FRANK, L. E. Waterman Co., 344 Hudson Street, New York, N. Y.
KERR, W. K., W. K. Kerr Pen Co., Tulsa, Okla.	WRIGHT, THOMAS H., Rite-Rite Manufacturing Co., Downers Grove, Ill.
MARSHALL, CLINTON E., Marshall and Meier, 187 Lafayette Street, New York, N. Y.	

#### FURNITURE TRANSPORTATION INDUSTRY

BOHMAN, R. F., Heywood Wakefield Co., Gardner, Mass.	MACDONALD, A. D., Los Angeles Furniture Manufacturers Association, 2155 East Seventh Street, Los Angeles, Calif.
BARLEY, C. R., The Kroehler Furniture Co., Naperville, Ill.	RYAN, J. T., Southern Furniture Manufacturers Association, High Point, N. C.
CONLEY, H. J., Ft. Smith Traffic Bureau, Ft. Smith, Ark.	
FRITZ, H. R., Montgomery Ward & Co., Chicago, Ill.	
HILLIARD, GEORGE L., Jamestown Furniture Manufacturers Traffic Club, Jamestown, N. Y.	SHAW, H. E., Furniture Manufacturers Warehouse Co., 511 Fulton Street, West, Grand Rapids, Mich.

#### GALVANIZED WARE MANUFACTURING INDUSTRY

ALTEMEIER, E. P., National Enameling & Stamping Co., Milwaukee, Wis.	HAUERWAAS, J., Boyle Mfg. Co., 5100 Santa Fe Avenue, Los Angeles, Calif.
CLEAVES, L. S., Dover Stamping & Mfg. Co., 385 Putnam Avenue, Cambridge, Mass.	KAMENSTEIN, DAVID, M. Kamenstein, Inc., Laurel Hill, Long Island, N. Y.

KENDALL, ARTHUR S., Crunden-Martin Mfg. Co., St. Louis, Mo.	SCHOTT, GEORGE M., Cincinnati Galvanizing Co., Cincinnati, Ohio.
NESBITT, W. H., Wheeling Corrugating Co., Wheeling, W. Va.	WILSON, A. F., Jr., Central Stamping Co., 90 Alabama Street, Buffalo, N. Y.
RICHARDSON, WILLARD, M. A. Richardson, Inc., 2943 Lake Street, Chicago, Ill.	WITT, J. WILBUR, The Witt Cornice Co., Cincinnati, O.

### HOUSEHOLD CUTLERY INDUSTRY

BUSKIRK, E. J., Landers, Frary, Clark Co., New Britain, Conn.	HERMAN, RALPH E., Sta-Brite Products Co., New Haven, Conn.
CASE, EMERSON, Robeson Cutlery Co., Perry, N. Y.	MIRSHKY, NORMAN J., Englishtown Cutlery, Inc., 230 Fifth Avenue, New York, N. Y.
CASE, J. RUSSELL, W. R. Case & Sons, Bradford, Pa.	THOMAS, LEE, Geneva Forge Co., Geneva, N. Y.

### INCANDESCENT AND FLUORESCENT LAMP INDUSTRY

BISHOP, F. H., Lamp Division, General Electric Co., Cleveland, Ohio.	HERZBERG, GUSTAV, Jewel Incandescent Lamp Co., 900 Passaic Avenue, East Newark, N. J.
BOGGS, C. P., Hygrade Sylvania Corporation, Salem, Mass.	KIRBY, E. G., Save Electric Corporation, 615 Front Street, Toledo, Ohio.
CARLSON, R. E., Tung-Sol Lamp Works, Inc., Newark, N. J.	PARKER, A. M., Wabash Appliance Corporation, 345 Carroll Street, Brooklyn, N. Y.
CHEENEY, H. G. Westinghouse Elec. and Mfg. Co., Bloomfield, N. J.	VOSBURGH, F. A., JR., Carlton Lamp Co., Newark, N. J.

### INDUSTRIAL AND ADVERTISING FILM PRODUCING AND DISTRIBUTING INDUSTRY

ALEXANDER, J. D., Alexander Film Co., Colorado Springs, Colo.	JAMIESON, HUGH, Jamieson Film Co., 2212 Live Oak Street, Dallas, Tex.
CALVIN, F. O., The Calvin Co., Twenty-sixth and Jefferson Streets, Kansas City, Mo.	McKEON, R. C., Caravel Films, Inc., 730 Fifth Avenue, New York, N. Y.
CASTLE, EUGENE, Castle Films, Inc., 30 Rockefeller Plaza, New York, N. Y.	REED, ROLAND, Roland Reed Productions, Culver City, Calif.
FOX, L. W., Audio Productions, Inc., 630 Ninth Avenue, New York, N. Y.	WILDING, NORMAN, Wilding Picture Productions, Inc., 1345 Argyle Street, Chicago, Ill.
HANDY, JAMISON, Jam Handy Co., 2900 East Grand Boulevard, Detroit, Mich.	WONDSEL, HAROLD, Sound Masters, Inc., 165 West 46th Street, New York, N. Y.

## JEWELLED WATCH INDUSTRY

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| BOUCHER, I. E., Waltham Watch Co., Waltham, Mass.                              | KENDIG, C. M., Hamilton Watch Co., Lancaster, Pa.    |
| BALLARD, JOHN, Bulova Watch Co., 580 Fifth Avenue, New York, N. Y.             | LAZRUS, BENJAMIN, Benrus Watch Co., Waterbury, Conn. |
| GSELL, ROLAND, Mt. Vernon Watch Co., Inc., 15 West 37th Street, New York City. | POTTER, T. A., Elgin National Watch Co., Elgin, Ill. |

## LAWN MOWER INDUSTRY

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| CASE, P. N., Blair Manufacturing Co., Springfield, Mass.        | JACOBSEN, O. T., Jacobsen Mfg. Co., Racine, Wis.                    |
| COOPER, H. M., Cooper Mfg. Co., Inc., Marshalltown, Iowa.       | LUECKE, R. C., Milbradt Mfg. Co., St. Louis, Mo.                    |
| DAVIS, W. C., G. W. Davis Corporation, Richmond, Ind.           | McGUIRE, W. S., Dille & McGuire Mfg. Co., Richmond, Ind.            |
| GOIT, K. E., Toro Manufacturing Corporation, Minneapolis, Minn. | PERINE, M. D., Pennsylvania Lawn Mower Works, Primos, Del. Co., Pa. |
| HEINEKE, H. L., Heineke & Co., Springfield, Ill.                | WATROUS, W. S., Whirlwind Lawn Mower Co., Milwaukee, Wis.           |

## LIQUID FUEL LAMP, LAMP BURNER, AND LANTERN INDUSTRY

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| BEISWANGER, JOHN, Anchor Hocking Glass Co., Lancaster, Ohio.  | PAULL, A. W., Jr., Wheeling Stamping Co., Wheeling, W. Va. |
| CARR, A. W., R. E. Dietz Co., New York City.                  | PLATT, WARREN D., Plume & Atwood Co., Waterbury, Conn.     |
| COLEMAN, S., Coleman Lamp & Stove Co., Wichita, Kans.         | SLAPP, J., Akron Lamp Co., Akron, Ohio.                    |
| EMBURY, F., Embury Manufacturing Co., Warsaw, N. Y.           | SMITH, W., Adams and Westlake, Elkhart, Ind.               |
| JOHNSON, V. S., Mantle Lamp Company of America, Chicago, Ill. | WITHRON, J., Toledo Pressed Steel Co., Toledo, Ohio.       |

## MECHANICAL HOUSEHOLD REFRIGERATORS INDUSTRY

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| BIECHLER, E. G., General Manager, Frigidaire Division, General Motors Corporation, Dayton, Ohio. | D'OLIVE, C. R., Household Appliance Division, Stewart-Warner Corporation, 1514 Drover Street, Indianapolis, Ind. |
| BLOOD, H. E., Norge Division, Borg-Warner Corporation, 670 East Woodward Street, Detroit, Mich.  | HAMPER, L. W., Gibson Electric Refrigerator Corporation, W. Williams Street, Greenville, Mich.                   |
| COSGROVE, R. C., The Crosley Corporation, 1329 Arlington Street, Cincinnati, Ohio.               | JONES, PAUL, Philco Corporation, Philadelphia, Pa.   |

- NEWCOMB, T. J., Merchandising Division, Westinghouse Electric & Mfg. Co., Mansfield, Ohio.
- PIERCE, F. R., Nash-Kelvinator Corporation, 14250 Plymouth Road, Detroit, Mich.
- RUTHENBURG, LOUIS, Servel, Inc., Evansville, Ind.
- SAMPSON, PETER, Sampson Electric Co., 3201 South Michigan Avenue, Chicago, Ill.
- SCHROEDER, J. HENRY, Sunbeam Electric Mfg. Co., Read and Morgan Avenue, Evansville, Ind.
- SCOTT, G., Edison General Electric Appliance Co., 5600 West Taylor Street, Chicago, Ill.
- SWEENEY, A. M., Appliance and Merchandise Department, General Electric Co., Bridgeport, Conn.
- THOMPSON, HARRY, Copeland Refrigerator Corporation, Sidney, Ohio.

#### METAL CASKET AND METAL BURIAL VAULT INDUSTRY

- BECK, A. F., Clark Grave Vault Co., 375 East Fifth Avenue, Columbus, Ohio.
- BICKHAM, W. C. A., Wyandotte Vault Co., Upper Sandusky, Ohio.
- CHRISTIAN, RALPH, Merit Co., 2125 West Rice Street, Chicago, Ill.
- GARDNER, WILLIAM, St. Louis Casket Co., 1821 Chouteau Street, St. Louis, Mo.
- KELLER, DIETZ, York-Hoover Body Co., York, Pa.
- MAUTHE, ARMIN, Northern Casket Co., Fond du Lac, Wis.
- PARKS, LARGENT, Dallas Coffin Co., Dallas, Tex.
- PIERCE, P. A., Champion Co., Springfield, Ohio.
- STEIN, H. L., National Casket Co., Boston, Mass.
- WALLACE, WALTER E., Bell & Wallace Sheet Metal Mfg. Co., Richmond, Ind.
- WINKLER, MARTIN, JR., West Coast Casket Co., 1915 Tarleton Street, Los Angeles, Calif.

#### METAL OFFICE FURNITURE AND EQUIPMENT INDUSTRY

- ATTWOOD, CHARLES E., Acme Visible Records, Inc., 120 South Michigan Street, Chicago, Ill.
- CRAMER, R. A., Cramer Posture Chair Co., 1210 Campbell Street, Kansas City, Mo.
- DAILY, E. F., Meilink Steel Safe Co., 1672 Oakwood Avenue, Toledo, Ohio.
- HAMAKER, L. S., Berger Mfg. Division, Republic Steel Corporation, Canton, Ohio.
- LARSON, J. E., Art Metal Construction Co., Jamestown, N. Y.
- LYNN, H. H., The Mosler Safe Co., Hamilton, Ohio.
- MICK, R. W., Harter Corporation, Sturgis, Mich.
- MILLER, THOMAS E., Shaw-Walker Co., Muskegon, Mich.
- ONIONS, H. J., DeLuxe Metal Furniture Co., Warren, Pa.
- POWER, EARL D., Lyon Metal Products, Inc., Aurora, Ill.
- RUCK, G., Columbia Steel Equipment Co., Broad and Chestnut Streets, Philadelphia, Pa.
- RUMBLES, ARTHUR R., Remington Rand Inc., 465 Washington Street, Buffalo, N. Y.
- SCHAEFER, W. J., The Interior Steel Equipment Co., 2352 East 69th Street, Cleveland, Ohio.

## MOTION PICTURE PRODUCING AND DISTRIBUTING INDUSTRY

- BALABAN, B., Paramount Pictures, 331 West Forty-fourth Street, New York, N. Y.
- BRIGGS, O. HENRY, Producers Releasing Corporation, 1501 Broadway, New York, N. Y.
- BUELL, JED, Commander Pictures, Fine Arts Studio, Hollywood, Calif.
- CONNORS, TOM, 20th Century-Fox, 444 West Fifty-sixth Street, New York, N. Y.
- HAZEN, JOSEPH H., Warner Bros. Pictures, Burbank, Calif.
- KLUNE, RAY, Society of Independent Motion Picture Producers, 1125 Board of Trade Building, Los Angeles, Calif.
- LEE, ARTHUR, Artlee Corporation, 1600 Broadway, New York, N. Y.
- O'CONNOR, JOHN J., Universal Pictures, 1250 Sixth Avenue, New York, N. Y.
- RATHVON, N. PETER, Pathe News Inc., 1270 Sixth Avenue, New York, N. Y.
- ROBBINS, HERMAN, National Screen Service, 630 Ninth Avenue, New York, N. Y.
- RODGERS, WILLIAM F., Metro-Goldwyn-Mayer, 630 Ninth Avenue, New York, N. Y.
- SEARS, GRADWELL L., United Artists, 630 Ninth Avenue, New York, N. Y.
- SCHNEIDER, A., Columbia Pictures, 729 Seventh Avenue, New York, N. Y.
- SIEGEL, M. J., Republic Pictures Corporation, North Hollywood, Calif.
- THOMAS, HARRY, Monogram Film Corporation, 630 Ninth Avenue, New York, N. Y.
- WEEKS, GEORGE, Range Busters Pictures Inc., 11815 Ventura Boulevard, North Hollywood, Calif.
- WOLCOTT, JAMES L., March of Time, 369 Lexington Avenue, New York, N. Y.

## MOTION PICTURE THEATER EQUIPMENT MANUFACTURING INDUSTRY

- ASHCRAFT, C. S., Ashcraft Manufacturing Co., Long Island City, N. Y.
- CAHILL, EDWARD C., R. C. A. Manufacturing Co., Camden, N. J.
- CARRINGTON, G. L., Altec Service Corporation, New York, N. Y.
- GEDRIS, WILLIAM A., Ideal Seating Company, Grand Rapids, Mich.
- GOLDBERG, LOUIS B., Goldberg Bros., Denver, Colo.
- GREEN, WALTER E., General Theatres Equipment Co., New York, N. Y.
- HULETT, E. W., E. W. Hulett Mfg. Co., Chicago, Ill.
- HURLEY, ALBERT B., Hurley Screen Co., Long Island City, N. Y.
- ROBIN, J. E., J. E. Robin, Inc., New York, N. Y.
- VALLEN, E. J., Vallen Inc., Akron, Ohio.
- WAGNER, E., Wagner Sign Service, Chicago, Ill.
- WILLIFORD, E. A., National Carbon Co., New York, N. Y.

## MUSICAL INSTRUMENT INDUSTRY

- ABRAMS, NEIL, Gibson, Inc., Kalamazoo, Mich.
- BACH, VINCENT, Vincent Bach Corporation, 621 E. Two Hundred Sixteenth Street, New York, N. Y.
- BILHUBER, PAUL H., Steinway and Sons, 109 West 57th Street, New York, N. Y.
- BUEGELEISEN, HARRY, Buegeleisen & Jacobson, 5 Union Square, New York, N. Y.

- BULL, L. P., Story and Clark, 64 East Jackson Boulevard, Chicago, Ill.
- COOK, H. J., The Cornwall & Patterson Co., 938 Crescent Avenue, Bridgeport, Conn.
- JACOB, C. ALBERT, JR., Mathushek Piano Mfg. Co., 79 Alexander Avenue, New York, N. Y.
- KRAUS, VICTOR J., The Baldwin Co., 1801 Gilbert Avenue, Cincinnati, Ohio.
- LUDWIG, WILLIAM F., WFL Drum Co., 1728 North Damon Avenue, Chicago, Ill.
- McDUFF, E. R., Grinnell Brothers, 1515 Woodward Avenue, Detroit, Mich.
- PANCOTTI, ROBERT, Excelsior Accordions, Inc., 333 Sixth Avenue, New York, N. Y.
- PFRIEMER, CHARLES, Charles Pfriemer, Inc., Wales Avenue and One Hundred Forty-Second Street, New York, N. Y.
- SABOL, A. G., Reuter Organ Co., 612-18 New Hampshire Street, Lawrence, Kans.
- SCHWARTZ, JACK, Micro Musical Accessories Corporation, 10 West Nineteenth Street, New York, N. Y.
- SMITH, ALFRED L., C. G. Conn, Ltd., Elkhart, Ind.
- STAPELY, GEORGE H., Everett Piano Co., South Haven, Mich.
- WHITE, JULIUS A., Kohler & Campbell, Inc., 614 West Fifty-first Street, New York, N. Y.
- WICKHAM, HENRY, Wickham Piano Plate Co., Box 348, Red Bank, N. J.

#### NON-JEWELLED CLOCKS AND WATCH MANUFACTURING INDUSTRY

- GREENE, EDWARD M., JR., West-clock, Div. Gen. Time Instrument Corporation, La Salle, Ill.
- HETZNECKER, W. H., Hammond Instrument Co., 2015 North Western Avenue, Chicago, Ill.
- INGRAHAM, EDWARD, The E. Ingraham Co., Bristol, Conn.
- KOKINS, I. W., Warren Telechron Co., Ashland, Mass.
- WHITEHEAD, R. H., SR., New Haven Clock Co., New Haven, Conn.
- WILLIAMS, O. G., The Williams L. Gilbert Clock Corporation, Winsted, Conn.

#### OFFICERS' MILITARY INSIGNIA MANUFACTURING INDUSTRY

- BALLOU, F. A., JR., B. A. Ballou & Co., Inc., Providence, R. I.
- CONGELTON, EARLE, American Emblem Co., P. O. Box T-116, Utica, N. Y.
- HAHN, IRVIN H., The Irvin H. Hahn Co., 326 South Hanover Street, Baltimore, Md.
- KELLIHER, THOMAS, American Metal Crafts Co., Attleboro, Mass.
- RAEBURN, ABNER A., N. S. Meyer, Inc., 419 Fourth Avenue, New York, N. Y.
- SIMMERSON, PAUL, American Insignia Co., 245 West Fifty-fifth Street, New York, N. Y.
- WILLIAMS, JOHN F., Lilley-Ames Co., 293 East Long Street, Columbus, Ohio.
- WILMARTH, E. R., V. H. Blackinton & Co., 140 Commonwealth Avenue, Attleboro Falls, Mass.

#### PHOTOGRAPHIC FILM MANUFACTURING INDUSTRY

- CHAPMAN, DR. A. K., Eastman Kodak Co., Rochester, N. Y.
- DAILEY, D. C., Hammer Dry Plate & Film Co., St. Louis, Mo.

DREWRY, WM. W., Jr., General Aniline & Film Corporation, Agfa Anseo Division, 230 Park Avenue, Binghamton, N. Y.	GEVAERT, Dr. J. C., Gevaert Co. of America, Inc., Williamstown, Mass.
FIELD, L. D., Defender Photo Supply Co., Inc., Rochester, N. Y.	KINLOCH, Dr. D. H., E. I. DuPont De Nemours & Co., Photo Products Department, Wilmington, Del.

### POCKET KNIFE INDUSTRY

ALPERN, H., Pal Blade Co., Holyoke, Mass.	MATT, W. J., Utica Cutlery Co., Utica, N. Y.
CHAMPLIN, J. B. F., Cattaraugus Cutlery Co., Little Valley, N. Y.	MIRANDO, F. A., Imperial Knife Co., 11 Blount Street, Providence, R. I.
KASTOR, ALFRED B., Camillus Cutlery Co., Lincoln Building, 60 East Forty-second Street, New York, N. Y.	SCHRADE, J. LOUIS, Schrade Cutlery Co., Walden, N. Y.

### PORCELAIN ENAMELED UTENSIL INDUSTRY

EARNSHAW, F. S., U. S. Stamping Co., Moundsville, W. Va.	JONES, FRANK E., The Jones Metal Products Co., West Lafayette, Ohio.
FAWCETT, RALPH M., Republic Stamping & Enameling Co., Canton, Ohio.	LEWIS, W. F., Lisk Manufacturing Co., Canandaigua, N. Y.
HUNTER, D. S., Enamored Utensil Manufacturers Council, Keith Building, Cleveland, Ohio.	VOLLRATH, W. J., Polar Ware Co., Sheboygan, Wis.

### PRECIOUS METALS JEWELRY MANUFACTURING INDUSTRY

BIGGS, RALPH W., Ralph W. Biggs & Co., Inc., 7 West Forty-fifth Street New York, N. Y.	HEYMAN, OSCAR, Oscar Heyman & Bros., 642 Fifth Avenue, New York, N. Y.
DOCHERTY, EDGAR M., Wm. C. Greene Co., 100 South Street, Providence, R. I.	JAPKA, JAQUES, La France Manufacturing Co., 64 Fulton Street, New York, N. Y.
FRANKEL, JOSEPH Pederson & Frankel, 15 West Forty-fifth Street, New York, N. Y.	MEHRLUST, JACOB, J. Mehrlust, 6 West Forty-eighth Street, New York, N. Y.
GAINES, DAN C., Jostens, Inc., Owatonna, Minn.	MILHENING, FRANK, J. Milhening, Inc., 4626 Ravenswood Avenue, Chicago, Ill.
GIBBONS, LEWIS W., Fulmer & Gibbons, 214 South Twelfth Street, Philadelphia, Pa.	NIEMEYER, G. H., Handy & Harmon, 80 Fulton Street, New York, N. Y.
GRANAT, JOSEPH, Granat Brothers, 2390 Mission Street, San Francisco, Calif.	OGUSH, WM. B., Katz & Ogush, Inc., 33 West Sixtieth Street, New York, N. Y.

ROSS, IRVING, the David C. Dodd Co., 51 Lawrence Street, Newark, N. J.

SCHWAB, J. WATERS, J. R. Wood & Sons, 216 East Forty-fifth Street, New York, N. Y.

SHIMAN, LEONARD, Shiman Manufacturing Co., 113 Monroe Street, Newark, N. J.

TIERNEY, THOMAS, Krementz & Co., 49 Chestnut Street, Newark, N. J.

### PROFESSIONAL AND INDUSTRIAL CUTLERY INDUSTRY

CHATILLON, GEORGE E., John Chatillon & Sons, 89 Cliff Street, New York, N. Y.

CORBIN, H. C., Ontario Knife Co., Franklinville, N. Y.

DORRELL, CHARLES E., Russell, Harrington Cutlery Co., Southbridge, Mass.

WOODSOME, J. O., Lamson & Goodnow Co., Shelburne Falls, Mass.

### SAFETY RAZOR AND RAZOR BLADE INDUSTRY

CHOMAS, A. J., Conrad Razor Blade Co., 4709 Thirty-sixth Street, Long Island City, N. Y.

COLEMAN, S., Windsor Manufacturing Co., 33 North Day Street, Orange, N. J.

DE MESQUITA, J. B., American Safety Razor Co., 315 Jay Street, Brooklyn, N. Y.

FIORITA, J. R., Federal Blade Co., 89 St. Francis Street, Newark, N. J.

GRAHAM, G. A., Gillette Safety Razor Co., 15 West First Street, South Boston, Mass.

MAILMAN, J. L., Pal Blade Co., 395 Madison Avenue, Plattsburgh, N. Y.

MORRIS, W. T., Magazine Repeating Razor Co., 230 Park Avenue, New York, N. Y.

### SCISSORS AND SHEAR INDUSTRY

BOWES, W. R., Clayton Manufacturing Co., Bristol, Conn.

HAMMERSCHIAG, MAX G., W. H. Compton Shear Co., Newark, N. J.

O'CONNOR, J. C., Acme Shear Co., Bridgeport, Conn.

SMILEY, E. W., Berridge Shear Co., Sturgis, Mich.

WIEBER, W. L. F., Henkel-Clauss Co., New York, N. Y.

WISS, NORMAN S., J. Wiss & Sons Co., Newark, N. J.

### SILVERPLATED FLATWARE INDUSTRY

HOBSON, A. K., Hobson & Botts Co., Danbury, Conn.

MORRISON, J. MCKENZIE, Ontario Manufacturing Co., Muncie, Ind.

ROBERTSON, MILES E., Oneida, Ltd., Oneida, N. Y.

STEVENS, E. C., International Silver Co., Meriden, Conn.

## VITRIFIED CHINAWARE INDUSTRY

- BACHMAN, U. C., Carr China Co.,  
Grafton, W. Va.
- BOWERS, GEORGE W., Warwick  
China Co., Wheeling, W. Va.
- LOVE, JAMES K., Shenango Pottery  
Co., New Castle, Pa.
- TORBERT, E. L., Onondaga Pottery  
Co., Syracuse, N. Y.
- WALKER, A. M., Bailey-Walker China  
Co., Bedford, Ohio.
- WOOD, W. B., Wallace China Co.,  
Ltd., 5600 South Soto Street, Hunt-  
ington Park, Calif.

## WOOD CASE PENCIL MANUFACTURING INDUSTRY

- BECK, FRANK, Empire Pencil Co.,  
Shelbyville, Tenn.
- BEST, A. H., Richard Best Pencil Co.,  
Irvington, N. J.
- EDOLHOFF, ARTHUR, General Pen-  
cil Co., 67 Fleet Street, Jersey City,  
N. J.
- FAVOR, IRVING P., L. & C. Hardt-  
muth, Inc., Bloomsbury, N. J.
- FERST, M. A., M. A. Ferst, Inc.,  
Atlanta, Ga.
- FITZPATRICK, J. P., Red Cedar  
Pencil Co., Lewisburg, Tenn.
- HASSENFELD, HENRY, Hassenfeld  
Brothers, Inc., Pawtucket, R. I.
- LINTON, S., Linton Pencil Co., Lewis-  
burg, Tenn.
- LEVIN, M., Reliance Pencil Co., 22-  
24 South Sixth Avenue, Mount  
Vernon, N. Y.
- McCLASSON, JACK P., National  
Pencil Co., Shelbyville, Tenn.
- McCULLY, E. H., Wallace Pencil Co.,  
St. Louis, Mo.
- MUSSOR, COBURN, Eberhard Faber  
Pencil Co., 37 Greenpoint Avenue,  
Brooklyn, N. Y.
- PARRISH, EDWARD M., Gulf Red  
Cedar Co., 1207 Mutual Building,  
Richmond, Va.
- PRICE, HERMAN, Eagle Pencil Co.,  
703 East Thirteenth St., New York,  
N. Y.
- RECKFORD, JOSEPH S., American  
Lead Pencil Co., 500 Willow Avenue,  
Hoboken, N. J.
- ROBERTS, GARETT, Weldon-Roberts  
Rubber Co., Newark, N. J.
- RUCKER, W. C., Musgrave Pencil  
Co., Shelbyville, Tenn.
- SCHERMERHORN, J. H., Joseph  
Dixon Crucible Co., Wayne and  
Monmouth Streets, Jersey City, N. J.

## WOOD CASKET MANUFACTURING INDUSTRY

- ASHLEY, L. S., Northwestern Casket  
Co., Minneapolis, Minn.
- BERTELSEN, JOHN, Hollywood  
Casket Co., Hollywood, Calif.
- DOLAN, JOHN A., Wellsville Casket  
Co., Wellsville, N. Y.
- HALLIDAY, EVERETT, New Castle  
Casket Co., New Castle, Ind.
- McCOWEN, E. H., Hardwood Casket  
Co., Cleveland, Tenn.
- MORY, E. LAWRENCE, Boyertown  
Burial Casket Co., Boyertown, Pa.
- RICHARDS, GEORGE D., Chicago  
Casket Co., Chicago, Ill.
- STEIN, H. L., National Casket Co.,  
Boston, Mass.
- TIDWELL, J. T., Texas Coffin Co.,  
Waco, Tex.

## WOOD, HOUSEHOLD AND UPHOLSTERED FURNITURE INDUSTRY

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| ANDERSON, G. A., Rockford Republic Furniture Co., Rockford, Ill.                | GILLESPIE, F. H., F. H. Gillespie Co., Los Angeles, Calif.                       |
| BABCOCK, W. D., William Ritter & Son, 2525 Germantown Avenue, Philadelphia, Pa. | HULTQUIST, EARLE O., Jamestown-Royal Upholstery Corporation, Jamestown, N. Y.    |
| BAKER, HOLLIS, Baker Furniture Factories, Keeler Building, Grand Rapids, Mich.  | KOEHN, H. W., The Sikes Co., Inc., Buffalo, N. Y.                                |
| BASSETT, WILLIAM M., W. M. Bassett Furniture Co., Martinsville, Va.             | MULLINS, W. G., Olive & Myers Manufacturing Co., 2220 Young Street, Dallas, Tex. |
| BROOKS, CHARLES C., Conant Ball Co., Gardner, Mass.                             | MURPHY, GLEESON, Jr., Murphy Chair Co., Owensboro, Ky.                           |
| DAVIES, B. L., Michigan Seating Co., Jackson, Mich.                             | ROWE, D. E., Kroehler Manufacturing Co., Naperville, Ill.                        |
|   | WALL, E. G., Thomasville Chair Co., Thomasville, N. C.                           |

## CONTAINERS DIVISION

### CAN MANUFACTURING INDUSTRY

BATDORF, ADAM, Liberty Can & Sign Co., 303 North Plum Street, Lancaster, Pa.

CLARK, L. H., J. L. Clark Manufacturing Co., 570 Twenty-third Avenue, Rockford, Ill.

COSTELLO, F. J., Federal Tin Co., Inc., 11 East Barre Street, Baltimore, Md.

CROSS, W. C., The Carnation Co., Oconomowoc, Wis.

FIGGIS, D. W., American Can Co., 230 Park Avenue, New York, N. Y.

GIEG, L. F., National Can Corporation, 110 East Forty-second Street, New York, N. Y.

HARTLIEB, J. F., Continental Can Co., Inc., 100 East Forty-second Street, New York, N. Y.

HEEKIN, D. M., The Heekin Can Co., Sixth and Culvert Streets, Cincinnati, Ohio.

MIGNACCO, E. A., Western Can Co., 665 Third Street, San Francisco, Calif.

MILTON, GEORGE A., Sr., Geo A. Milton Can Co., Inc., 140 North Fourteenth Street, Brooklyn, N. Y.

NESBITT, F. T., Owens-Illinois Can Co., Toledo, Ohio.

SWARTZ, RICHARD P., Crown Can Co., Erie Avenue at H Street, Philadelphia, Pa.

THOMPSON, E. R., Thompson Can Co., 1304 South Austin Street, Dallas, Tex.

### COLLAPSIBLE TUBE MANUFACTURING INDUSTRY

DARLINGTON, H. S., A. H. Wirz, Inc., Fourth and Townsend Streets, Chester, Pa.

KLEINBECK, CHARLES R., Atlantic Manufacturing Co., 555 Belmont Avenue, Newark, N. J.

LARSON, H. A., New England Collapsible Tube Co., 170 Broad Street, New London, Conn.

PAULL, A. W., Jr., Wheeling Stamping Co., Wheeling, W. Va.

REMINGTON, FREDERIC, Peerless Tube Co., 58-76 Locust Avenue, Bloomfield, N. J.

RENTSCHLER, WERNER R., JR., Art Tube Co., Incorporated, 500 Lyons Avenue, Irvington, N. J.

WESTGATE, R. S., Globe Collapsible Tube Co., 28 Columbia Heights, Brooklyn, N. Y.

### FIBRE BOX INDUSTRY

AGAR, C. A., Agar Container Division, International Paper Co., 220 East Forty-second Street, New York, N. Y.

ARNDT, J. M., Gaylord Container Corporation, 111 North Fourth Street, St. Louis, Mo.

EVANS, WILL, California Container Corporation, 4549 Horton Street, Emeryville, Calif.

FROHMAN, SIDNEY, Hinde & Dauch Paper Co., Sandusky, Ohio.

- HALL, M. B., American Box Board Co., Grand Rapids, Mich.
- KIECKHEFER, J. W., Kieckhefer Container Corporation, Camden, N. J.
- MITCHELL, T. C., Federal Container Co., Fifty-sixth Street and Paschall Avenue, Philadelphia, Pa.
- SCHIFFENHAUS, JOSEPH W., Schiffenhaus Brothers, 326 Riverside Avenue, Newark, N. J.
- SCHILLING, P. A., Waldorf Paper Products Co., St. Paul, Minn.
- SOLOMON, IRWIN L., American Corrugated Paper Products Corporation, 213-227 West Twenty-sixth Street, New York, N. Y.
- TWINAM, J. C., O. B. Andrews Co., Chattanooga, Tenn.
- VOLLMER, GEORGE A., Atlas-Boxmakers, Inc., 2555 Diversey Boulevard, Chicago, Ill.
- WAKEMAN, F. S., The Ohio Boxboard Co., Rittman, Ohio.

### FIBRE CAN INDUSTRY

- BAUMGARDT, A. J., Sefton Fibre Can Co., 3275 Big Bend Boulevard, St. Louis, Mo.
- CRONES, J. H., W. C. Ritchie & Co., 8801 Baltimore Avenue, Chicago, Ill.
- HOPPLE, W. H., The Cin-Made Corporation, 801 East Third Street, Cincinnati, Ohio.
- MAIER, C. E., Boothby Can Co., c/o Continental Can Co., 4633 West Grand Avenue, Chicago, Ill.
- PRICE, FRANK, Sealright Co., Fulton, N. Y.
- STEVENS, W. L., Improved Mailing Case Co., 305 Broadway, New York, N. Y.
- STOLK, WILLIAM C., American Can Co., 230 Park Avenue, New York, N. Y.
- SUND, ROY, Menasha Products Co., Menasha, Wis.
- TIENKEN, L. C., Cross Paper Products Corporation, 2595 Third Avenue, New York, N. Y.
- WALKER, W. F., The Cleveland Container Co., 10630 Berea Road, Cleveland, Ohio.

### FIBRE DRUM INDUSTRY

- CARLSON, R. C., Emery-Carpenter Container Co., 4600 Carew Tower, Cincinnati, Ohio.
- CRAEMER, HENRY, Carpenter Container Corporation, 137-147 Forty-first Street, Brooklyn, N. Y.
- EGGERSS, H. A., The Container Co., P. O. Box 310, Van Wert, Ohio.
- HARRIS, JOHN W., Pacific Steelfiber Drums, Inc., 1025 Westminster Road, Alhambra, Calif.
- MAHONEY, W. J., The Master Package Corporation, Owen, Wis.
- SHULTZ, T. E., Fibre Drum Co., Kankakee, Ill.

### FLUID MILK SHIPPING CONTAINER INDUSTRY

- BREEN, JOHN M., Buhl Stamping Co., 2730 Scotten Avenue, Detroit, Mich.
- FOLLANSBEE, ROBERT E., Sheet Metal Specialty Co., Third and Liberty Avenue, Pittsburgh, Pa.
- LANE, W. H., Atlantic Stamping Co., 156 Ames Street, Rochester, N. Y.
- PUTNAM, GEORGE W., Creamery Package Manufacturing Co., 1243 West Washington, Boulevard, Chicago, Ill.
- RICHTER, CHARLES H., Keiner Williams Stamping Co., 8746 One Hundred Twenty-third Street, Richmond Hill, N. Y.

ROSENTHAL, B., Tennessee Can Co., Fayetteville, Tenn.  
STEVENSON, J. H., Lalance & Grosjean Manufacturing Co., Ninety-second Street, and Atlantic Avenue, Woodhaven, N. Y.  
STRICKLAND, R. H., Solar Sturges Manufacturing Co., Melrose Park, Ill.

TURNER, CHESTER W., H. E., Wright Co., 32 Cambridge Street, Charlestown, Mass.

WELSCHER, J. N., Superior Metal Products Co., 509 Front Avenue, St. Paul, Minn.

### FOLDING BOX INDUSTRY

BACON, BRUCE H., Spitzer Paper Box Co., 3049-57 Monroe Street, Toledo, Ohio.  
BALLENGER, A. G., Morris Paper Mills, 135 S. LaSalle Street, Chicago, Ill.  
BROSSARD, J. J., Container Corporation of America, 111 West Washington Street, Chicago, Ill.  
BURROUGHS, R. F., Trenton Folding Box Co., Ewing and Ogden Streets, Trenton, N. J.  
DALSEMER, LEONARD, Lord Baltimore Press, 1500 Greenmont Avenue, Baltimore, Md.  
GREENWAY, NORMAN F., Robert Gair Co., Inc., 155 East Forty-fourth Street, New York, N. Y.

HOBBS, V. C., Fibreboard Products, Inc., Russ Building, San Francisco, Calif.  
LANE, W. D., Eggerss-O'Flyng Co., Omaha, Nebr.  
LEAVENS, WILLIAM B., Jr., Wilkata Folding Box Co., 205 Tappan Street, Kearny, N. J.  
LYNCH, WALTER D., National Folding Box Co., 405 Lexington Avenue, New York, N. Y.  
THOMAS, JOSEPH P., U. S. Printing & Litho Co., Cincinnati, Ohio.  
WELLHOUSE, SIDNEY L., National Paper Co., Atlanta, Ga.

### GLASS CONTAINER MANUFACTURING INDUSTRY

ACKERMAN, E. G., Thatcher Manufacturing Co., Elmira, N. Y.  
BARNARD, R. H., Owens-Illinois Glass Co., P. O. Box 1035, Toledo, Ohio.  
BLUNT, ROYDEN A., Buck Glass Co., 841 East Fort Avenue, Baltimore, Md.  
COLLINS, I. J., Anchor Hocking Glass Corporation, Lancaster, Ohio.  
COSTA, E. J., Crown Cork and Seal Co., Eastern Avenue and Kresson Street, Baltimore, Md.  
EASTERBY, E. D., Laurens Glass Works, Inc., Laurens, S. C.  
EDMONDS, GEORGE, Bond Manufacturing Corporation, Wilmington, Del.

FEAGLEY, JOSEPH C., Glass and Container Division, Armstrong Cork Co., Lancaster, Pa.  
FOSTER, J. M., Foster-Forbes Glass Co., Marion, Ind.  
HEYMAN, OSCAR, Consolidated Cork Corporation, 4012 Second Avenue, Brooklyn, N. Y.  
HUBBARD, C. H., Alexander H. Kerr & Co., Inc., Sand Springs, Okla.  
JONES, M. J., Obear-Nester Glass Co., Twentieth and Broadway, East St. Louis, Ill.  
LANG, GEORGE F., Carr-Lowrey Glass Co., Baltimore, Md.  
McCLURE, W. H., Hazel-Atlas Glass Co., Wheeling, W. Va.

McCRYSTAL, R. C., Glass Containers, Inc., 3601 Santa Fe Avenue, Los Angeles, Calif.	SCALISE, A. G., Florida Glass Manufacturing Co., Jacksonville, Fla.
PETTY, FRED J., Ball Brothers Co., Muncie, Ind.	UNDERWOOD, R. R., Knox Glass Associates, Inc., Oil City, Pa.
RAU, JOHN, Fairmont Glass Works, Inc., Keystone Avenue, Indianapolis, Ind.	WHITE, GEORGE, White Cap Co. 1812 North Central Avenue, Chicago, Ill.

### GROCERS AND VARIETY BAG INDUSTRY

DANIELS, H. S., Union Bag and Paper Corporation, Woolworth Building, New York, N. Y.	KOHL, W. R., Lincoln Bag Co., 4200 West Schubert Avenue, Chicago, Ill.
HARTMAN, J. M., Southern Kraft, International Paper Co., Daily News Building, New York, N. Y.	LIVY, E. B., Wortendyke Manufacturing Co., Richmond, Va.
HEFFERMAN, T. V., Trinity Bag Co., 25 West Forty-third Street, New York, N. Y.	NICHOLS, H. O., Crown-Zellerbach Corporation, 343 Sansome Street, San Francisco, Calif.
HENRY, W. J., Southern Advance Bag Co., Daily News Building, Chicago, Ill.	SALZMAN, A. E., Brooklyn Standard Bag Corporation, 521 Fifth Avenue, New York, N. Y.
JACOBS, E. A., Triangle Bag Co., Covington, Ky.	WEISBERGER, C. A., Equitable Bag Co., Long Island City, N. J.
KIMBELL, CHAS., Waltham Bag and Paper Co., Waltham, Mass.	WOLF, H. A., Wolf Bros., 340 North Twelfth Street, Philadelphia, Pa.

### HIGH PRESSURE STEEL GAS CYLINDER MANUFACTURING INDUSTRY

BRUMDER, H. O., Pressed Steel Tank Co., 1439 South Sixty-sixth Street, Milwaukee, Wis.	O'NEILL, EDWARD E., American LaFrance-Foamite Corporation, Elmira, N. Y.
FREYGANG, WALTER H., Walter Kidde & Co., 140 Cedar Street, New York, N. Y.	PASSMORE, H. E., National Tube Co., Frick Building, Pittsburgh, Pa.
HANKS, G. R., Taylor-Wharton Iron and Steel Co., Easton, Pa.	WEAR, WILBERT, Harrisburg Steel Corporation, Tenth and Herr Streets, Harrisburg, Pa.

### MILK BOTTLE CRATE INDUSTRY

VAN GEEM, D., Erie Crate & Mfg. Co., 1112 Bacon Street, Erie, Pa.	RICHTER, CHARLES H., Keiner Williams Stamping Co., 8746 One-hundred twenty-third Street, Richmond Hill, N. Y.
QUIRK, JAMES F., The Quirk Co., Cudahy, Wis.	STODDARD, ROBERT, Milk Bottle Crate Co., 1543 Kingsbury Street, Chicago, Ill.
REHRIG, B. H., Rehrig Manufacturing Co., 2630 Compton Avenue, Los Angeles, Calif.	SWINGLE, D. R., Cumberland Case Co., 110 West First Street, Chattanooga, Tenn.

## PAPER SHIPPING SACK INDUSTRY

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| BEMIS, F. G., Bemis Brothers Bag Co., 40 Central Street, Boston, Mass.   | GEORGE, TOM, S. George Bag Co., Wellsburg, W. Va.                                 |
| BROWN, GEORGE, Raymond Bag Co., Middletown, Ohio.                        | LUDINGTON, F. H., Chase Bag Co., 155 East Forth-fourth Street, New York, N. Y.    |
| DAVIS, M. J., Hammond Bag & Paper Company, Wellsburg, W. Va.             | MADDEN, J. L., Hollingsworth & Whitney Co., 60 Batterymarch Street, Boston, Mass. |
| DIXON, WILLARD J., St. Regis Paper Co., 230 Park Avenue, New York, N. Y. | SCHOLL, A. A., Bagpak, Inc., 220 East Forty-second Street, New York, N. Y.        |

## NAILED WOODEN BOX INDUSTRY

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| BATCHELDER, A. M., Wm. P. Proctor Co., North Chelmsford, Mass.                              | RILEY, A. M., Riley & Downer, Inc., 26 North Center Street, Orange, N. J.              |
| DIXON, GRANT, Western Pine Manufacturing Co., Ltd., 315 East Jackson Avenue, Spokane, Wash. | RODGERS, J. W., Lassen Lumber & Box Co., 403 Monadnock Building, San Francisco, Calif. |
| DREYER, HENRY D., Jr., H. D. Dreyer & Co., Inc., Baltimore, Md.                             | TRIPP, MAURICE H., Temple Manufacturing Co., Dallas, Tex.                              |
| HORNIBROOK, CARL W., Ewauna Box Co., Klamath Falls, Oreg.                                   | TUFTS, NATHAN, The New England Box Co., Greenfield, Mass.                              |
| JORDAN, R. W., Greensville Manufacturing Co., Emporia, Va.                                  | WEBB, J. H., Rochester Box & Lumber Co., Rochester, N. Y.                              |
| NIST, F. J., Seattle Box Co., Seattle, Wash.  |  |

## NEW TEXTILE BAG MANUFACTURING INDUSTRY

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| BEMIS, F. G., Bemis Bros. Bag Co., 40 Central Street, Boston, Mass.                        | LUDINGTON, F. H., Chase Bag Co., 155 East Forty-fourth Street, New York, N. Y.            |
| CORMAN, BENJAMIN, American Bag & Burlap Co., 32 Arlington Street, Chelsea, Mass.           | PEEK, JOHN H., Percy Kent Bag Co., Buffalo, N. Y.   |
| ELSAS, N. E., Fulton Bag & Cotton Mills, Atlanta, Ga.                                      | SCHURMAN, GEORGE M., National Bag Corporation, 271 Madison Avenue, New York, N. Y.        |
| GALLIE, T. M., Gallie-King Bag Co., Inc., 2210 Brooks Street, Houston, Tex.                | SPROSTY, L. O., General Bag Corporation, 2715 East Thirty-fourth Street, Cleveland, Ohio. |
| GRIMES, I., Grimes Bag Co., 1333 Eleventh Street, Denver, Colo.                            | WERTHAN, BERNARD, Werthan Bag Corporation, 1400 Eighth Avenue, Nashville, Tenn.           |
| HARRIS, L. W., Ames Harris Neville Bag Co., 2800 Seventeenth Street, San Francisco, Calif. |   |

## PARAFFINED CARTON AND PAIL INDUSTRY

- BLOOMER, ROBERT S., Bloomer Bros. Co., Newark, N. Y.
- BYRNE, J. V., The Menasha Products Co., 111 West Washington Street, Chicago, Ill.
- HARTMANN, F. NORMAN, The Butler Paper Products Co., 3943 Funston Street, Toledo, Ohio.
- MADSEN, A. W., National Carton Co., Park Road and Michigan Central Tracks, Joliet, Ill.
- MULHOLLAND, E. J., Chicago Carton Co., 4200 South Crawford Avenue, Chicago, Ill.
- POLLOCK, LAWRENCE S., Pollock Paper & Box Co., Dallas, Tex.
- WILSON, DON M., Sutherland Paper Co., Kalamazoo, Mich.

## SECONDHAND BAG INDUSTRY

- BOSWORTH, M. M., M. M. Bosworth Co., Memphis, Tenn.
- CORMAN, BENJAMIN J., American Bag & Burlap Co., Arlington and Auburn Streets, Chelsea, Mass.
- FELD, M. M., Lone Star Bag & Bagging Co., P. O. Box 1673, Houston, Tex.
- GOODMAN, LEW M., Western Burlap Bag Co., 1111 West Thirty-eighth Street, Chicago, Ill.
- GRODSKY, SAM E., Missouri Bag Co., 1206 North Main Street, St. Louis, Mo.
- HOFFMAN, HARRY L., Hoffman Brothers Bag Co., 39 Gorham Street, Rochester, N. Y.
- KAUFFMAN, T. S., National Bag Manufacturing Co., 723 Washington Avenue South, Minneapolis, Minn.
- WILDSTEIN, LOUIS, Samuel Wildstein & Son, 40 Hayes Street, Newark, N. J.
- SCHWARTZ, PHILIP, Pacific Diamond "H" Bag Co., 315 Main Street, San Francisco, Calif.

## SETUP BOX INDUSTRY

- BOND, A. M., Consolidated Paper Box Co., 6 Vernon Street, Somerville, Mass.
- BURRY, A. G., Wayne Paper Box & Printing Corporation, 102 West Superior Street, Fort Wayne, Ind.
- DATZ, WILLIAM P., Jr., Datz Manufacturing Co., 537-41 North Third Street, Philadelphia, Pa.
- DENNING, GEORGE S., W. C. Ritchie & Co., 8801 Baltimore Avenue, Chicago, Ill.
- DORFMAN, ADOLPH, A. Dorfman Co., Inc., 57 West Nineteenth Street, New York, N. Y.
- KARASIK, M., Pharmacy Paper Box Co., 337 East Illinois Street, Chicago, Ill.
- KREIDER, G. R., Jr., Lebanon Paper Box Co., Lebanon, Pa.
- McCLINTOCK, W. J., Jr., McClintock Corporation, 1550 Vernon Street, Harrisburg, Pa.
- MILLER, WALTER P., Jr., Walter P. Miller Co., Inc., 452 York Avenue, Philadelphia, Pa.
- SCHLEICHER, ALLEN K., F. J. Schleicher Paper Box Co., 1811 Chouteau Avenue, St. Louis, Mo.
- SCULLY, J. W., Puget Sound Paper Box Co., Seattle, Wash.
- ZURSCHMIEDE, F. R., Finger Paper Box Co., Louisville, Ky.

## STEEL SHIPPING CONTAINERS INDUSTRY

- BARTON, F. T., Jones & Laughlin Steel Barrel Co., Bayonne, N. J.
- BENNETT, S. A., Bennett Manufacturing Co., 14610 Princeton Avenue, Chicago, Ill.
- BRAMMER, R. L., Manager of Sales, Wheeling Corrugating Co., Wheeling, W. Va.
- CASEY, C. W., Stainless & Steel Products Co., St. Paul, Minn.
- CONNELLY, J. A., The Petroleum Iron Works Co. of Ohio, Sharon, Pa.
- FLOYD, T. W., Inland Steel Container Co., 6532 South Menard Avenue, Chicago, Ill.
- LEES, H. W., The Draper Manufacturing Co., 8806 Crane Avenue, Cleveland, Ohio.
- MANION, D. F., Jr., Manion Steel Barrel Co., Rouseville, Pa.
- RICHMAN, FRED, Florida Drum Co., Inc., Pensacola, Fla.
- THELEN, H. P., Owens-Illinois Can Co., Toledo, Ohio.
- WAHLSTROM, F. O., Southern States Iron Roofing Co., Savannah, Ga.
- KEPLINGER, L. B., Rheem Manufacturing Co., 30 Rockefeller Plaza, New York, N. Y.
- PARISH, R. L., American Flange & Manufacturing Co., 30 Rockefeller Plaza, New York, N. Y.

## STEEL STRAPPING INDUSTRY

- BRISTOLL, H. C., The Stanley Works, New Britain, Conn.
- LESLIE, JOHN W., Signode Steel Strapping Co., 2600 North Western Avenue, Chicago, Ill.
- OSGOOD, C. F., JR., C. Tennant Sons & Co., 9 Rockefeller Plaza, New York, N. Y.
- SHARP, C. J., Acme Steel Co., Chicago, Ill.
- SPROUL, E. T., Brainard Steel Co., Warren, Ohio.
- WALTER, HARRY, The Gerrard Co., Inc., 2915 West 47th Street, Chicago, Ill.

## TIGHT COOPERAGE INDUSTRY

- CLARK, HAROLD R., Allied Barrel Corporation, Oil City, Pa.
- FOLEY, W. R., Chickasaw Wood Products Co., Memphis, Tenn.
- JOHNSON, WALTER O., T. Johnson Co., Inc., 1046 West Thirty-eighth Street, Chicago, Ill.
- LEVINE, ISADORE, H. Levine Cooperage Co., 156 South Anderson Street, Los Angeles, Calif.
- LYNN, PAT, Ozark Gateway Cooperage Co., Joplin, Mo.
- RIPLEY, PAUL M., Brooklyn Cooperage Co., 120 Wall Street, New York, N. Y.
- STEIDEL, L. R., J. H. Hamlen & Son, P. O. Box 327, Little Rock, Ark.
- TYLER, WILLIAM G., The Kimball Tyler Co., 261 South Haven Street, Baltimore, Md.
- VERDI, M. EDWARD, Verdi Brothers Cooperage Co., North Bergen, N. J.
- WYMOND, W. I., Chess & Wymond, Inc., 421 West Avery Street, Louisville, Ky.

## CONTAINERS TRANSPORTATION INDUSTRY

- CHAMPNEY, P. A., American Can Co., 230 Park Avenue, New York, N. Y.
- DENK, C. LOUIS, Jr., P. O. Box 1726, Fulton Bag & Cotton Mills, Atlanta, Ga.
- DUNNINGTON, I. L., Anchor Hocking Glass Corporation, Lancaster, Ohio.
- EVANS, S. V., JR., Robert Gair Co., Inc., 155 East Forty-fourth Street, New York, N. Y.
- FENSTERMAKER, C. L., Sutherland Paper Co., Kalamazoo, Mich.
- LARRIMORE, W. B., Crown Can Co., H Street and Erie Avenue, Philadelphia, Pa.
- LINCOLN, H. A., Fibreboard Products, Inc., 710 Russ Building, San Francisco, Calif.
- McFARLAND, U. E., P. O. Box, 1035, Owens-Illinois Glass Co., Toledo, Ohio.
- PREETORIUS, I. W., General Box Co., 500 North Dearborn Street, Chicago, Ill.
- RITCHIE, MANSFIELD F., W. C. Ritchie & Co., 8801 South Baltimore Street, Chicago, Ill.
- ROGGENBUCK, B. J., Wilson and Bennett Manufacturing Co., 6532 South Menard Avenue, Chicago, Ill.
- STEIDEL, LEONARD R., J. H. Hamlen & Son, P. O. Box 327, Little Rock, Ark.
- WILLIAMS, WALTER, Chicago, Mills and Lumber Co., 111 West Washington Street, Chicago, Ill.
- WILLIAMSON, CHARLES J., Heekim Can Co., Sixth New and Culvert Streets, Cincinnati, Ohio.

## WIREBOUND BOX INDUSTRY

- ADKINS, J. B., Adkins Manufacturing Co., Gainesville, Fla.
- BRILL, J. C., Chicago Mill and Lumber Co., 111 West Washington Street, Chicago, Ill.
- GAUGH, TAYLOR L., California Barrel Co., Ltd., 1280 Wholesale Street, Los Angeles, Calif.
- GOODING, D. R., Wisconsin Box Co., Wausau, Wis.
- McGILL, J. A., Cummer-Graham Co., Paris, Tex.
- MILES, R. F., Rathborne Hair & Ridgway Co., 1440 West Twenty-first Place, Chicago, Ill.
- MILLER, JOHN R., T. R. Miller Mill Co., Brewton, Ala.
- POWELL, L. F., David M. Lea & Co., Inc., Richmond, Va.
- WATKINS, C. CLAUDE, General Box Co., 816 Sixteenth Street, Louisville, Ky.

## COPPER DIVISION

### BRASS AND BRONZE FOUNDRIES INDUSTRY

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| FLAHERTY, B. J., Johnson Bronze Co., Newcastle, Pa.                              | PEARE, W. C., E. A. Williams & Son, 111 Plymouth Street, Jersey City, N. J.  |
| HARDY, WM. C., Wm. A. Hardy & Sons Co., 133 Water Street, Fitchburg, Mass.       | RARITY, W. W., National Brass Works, 2140 East Twenty-fifth Street, Los Angeles, Calif.                              |
| JAMES, G. H., Richmond Foundry and Manufacturing Co., Richmond, Va.              | SCHWENK, N. H., Cramp Brass & Iron Foundries Division, Baldwin Locomotive Works, Paschall Station, Philadelphia, Pa. |
| JEFFERIS, J. P., Janney Cylinder Co., Philadelphia, Pa.                          | STORM, W. V., Western Brass Works, 1441 Naud Street, Los Angeles, Calif.   |
| LEE, A. H., Lee Brothers Foundry Co., Box 1160, Anniston, Ala.                   | WACK, DAMON, National Bearing Metals, 4930 Manchester Avenue, St. Louis, Mo.   |
| NESSELBUSH, L. M., Falcon Bronze Co., 218 South Phelps Street, Youngstown, Ohio. |  |

### BRASS AND BRONZE INGOT MAKERS

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| AVRIL, GEORGE, G. A. Avril Smelting Works, Este Avenue and B. & O. Railroad, Cincinnati, Ohio. | NEWHOUSE, E. L., Jr., Federated Metals Division, American Smelting & Refining Co., 120 Broadway, New York, N. Y. |
| BULLOCK, W. J., W. J. Bullock, Inc., Box 662, Birmingham, Ala.                                 | ROSENTHAL, DAVID B., Eastern Iron and Metal Co., 2300 East Eleventh Street, Los Angeles, Calif.                  |
| BUTTER, MELVIN, Harry Butter & Co., Inc., 151 Mount Vernon Street, Dorchester, Mass.           | WHITE, CLARENCE, White Brothers Smelting Corporation, Richmond and Hadley Streets, Philadelphia, Pa.             |
| CHAPMAN, L., H. Kramer & Co., 1347 West Twenty-first Street, Chicago, Ill.                     |  |

### BRASS MILL INDUSTRY

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| COE, JOHN A., JR., The American Brass Co., 414 Meadow Street, Waterbury, Conn. | GOSS, W. M., Scovill Manufacturing Co., Waterbury, Conn.              |
| COE, JOHN S., Chase Brass & Copper Co., 236 Grand Street, Waterbury, Conn.     | LALLY, J. P., C. G. Hussey & Co., 2850 Second Avenue, Pittsburgh, Pa. |
| DOUCETT, J. A., Revere Copper & Brass, Inc., 230 Park Avenue, New York, N. Y.  | RANDALL, H. L., Riverside Metal Co., Riverside, N. J.                 |
|  | RIGGIN, F. L., Mueller Brass Co., Port Huron, Mich.                   |

## BRASS MILL PRODUCTS DISTRIBUTORS INDUSTRY

- BOHEN, T. M., Whitehead Metal Products Co., 303 West Tenth Street, New York, N. Y.
- DOUGLAS, H. V., Central Steel & Wire Co., 3000 West Fifty-first Street, Chicago, Ill.
- GROTE, ROBERT E., Metal Goods Corporation, 5239 Brown Avenue, St. Louis, Mo.
- KING, J. H., Seaboard Brass & Copper Co., 35 and 37 South Gay Street, Baltimore, Md.
- SCHROEDER, WALTER, Pacific Metals Co., Ltd., 3100 Nineteenth Street, San Francisco, Calif.
- TULL, J. M., J. M. Tull Metal & Supply Co., 285 Marietta Street, NW., Atlanta, Ga.

## COPPER PRODUCERS INDUSTRY

- BROWNELL, K. C., American Smelting & Refining Co., 120 Broadway, New York, N. Y.
- DWYER, ROBERT E., Anaconda Copper Mining Co., 25 Broadway, New York, N. Y.
- McCLELLAND, J. F., Phelps Dodge Corporation, 40 Wall Street, New York, N. Y.
- McNAB, A. J., Magma Copper Co., 14 Wall Street, New York, N. Y.
- PETERMANN, A. E., Calumet & Hecla Consolidated Copper Co., Calumet, Mich.
- SCHACHT, WM. H., Copper Range Co., Painesdale, Mich.
- ULRICH, CARL T., Kennecott Copper Corporation, 120 Broadway, New York, N. Y.
- ZIMMER, B. N., American Metal Co., 61 Broadway, New York, N. Y.

## COPPER WIRE AND CABLE MILL INDUSTRY

- ERLICHER, H. L., General Electric Co., Schenectady, N. Y.
- JONES, F. C., Okonite Co., Passaic, N. J.
- MORSS, EVERETT, Simplex Wire & Cable Co., Cambridge, Mass.
- PALMER, D. R. G., General Cable Corporation, 420 Lexington Avenue, New York, N. Y.
- SCOTT, C. A., Rome Cable Corporation, Rome, N. Y.
- SPRACKLING, W. E., Anaconda Wire & Cable Co., 25 Broadway, New York, N. Y.
- BROWN, WILEY, Phelps Dodge Copper Products Corporation, 40 Wall Street, New York, N. Y.

## CORK AND ASBESTOS DIVISION

### ASBESTOS TRANSPORTATION INDUSTRY

BOWER, PHILIP, Philip Carey Manufacturing Co., Lockland, Cincinnati, Ohio.

RUBENSTEIN, B. H., Ruberoid Co., 500 Fifth Avenue, New York, N. Y.

DONNELLY, HAROLD, Norristown Magnesia & Asbestos Co., Norristown, Pa.

NEWBERRY, R. J., Johns-Manville Corporation, 22 East Fortieth Street, New York, N. Y.

TIGHE, JACK, Keasbey & Mattison Co., Ambler, Pa.

### ASBESTOS TEXTILES INDUSTRY

ABBOTT, GEORGE L., The Garlock Packing Co., Palmyra, N. Y.

FOX, ROBERT D., Asbestos Fibre Spinning Co., North Wales, Pa.

CARLOUGH, C. H., Carolina Asbestos Co., Davidson, N. C.

MARSHALL, G. W., Jr., Defense Division, Raybestos-Manhattan, Manheim, Pa.

FABEL, GEORGE S., Thermoid Co., Southern Division, Southern Asbestos Co., 1000 Seaboard Street, Charlotte, N. C.

WAKEM, F. J., Packing & Power Specialties, Johns-Manville Corporation, 22 East Fortieth Street, New York, N. Y.

### CORK INDUSTRY

BOSE, H. H., United Cork Cos., Kearny, N. J.

FAUBEL, DR. A. L., Cork Institute of America, New York, N. Y.

BRUNS, H. H., Mundet Cork Corporation, 65 South Eleventh Street, Brooklyn, N. Y.

MITCHELL, F. R., Mitchell and Smith, Inc., Detroit, Mich.

BURNS, W. G., Congoleum-Nairn, Inc., Kearny, N. J.

MONTFORT, L. B., Crown Manufacturers Association of America, Munsey Building, Washington, D. C.

COSTA, E. J., Crown Cork and Seal Co., Eastern Avenue and Kresson Street, Baltimore, Md.

PETROSINO, JOSEPH G., American Star Cork Co., Inc., 175 North Ninth Street, Brooklyn, N. Y.

DODGE, A. B., Dodge Cork Co., Inc., Lancaster, Pa.

PRENTIS, H. W., Jr., Armstrong Cork Co., Lancaster, Pa.

### SPECIFICATION AND TESTING INDUSTRY FOR AFRICAN ASBESTOS FIBRES

CROSBY, E. S., Johns-Manville International Corporation, 22 East Fortieth Street, New York, N. Y.

ROHRBACH, J. F. D., Raybestos-Manhattan, Inc., 61 Willett Street, Passaic, N. J.

EHRET, A. M., Jr., Ehret Magnesia Manufacturing Co., Inc., Valley Forge, Pa.

SILVERMAN, L. J., Union Asbestos & Rubber Co., 310 South Michigan Avenue, Chicago, Ill.

MUEHLICK, ERNEST, Keasbey & Mattison Co., Ambler, Pa.

## FARM MACHINERY AND EQUIPMENT DIVISION

### DOMESTIC WATER SYSTEMS AND IRRIGATION PUMP INDUSTRY

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| BROWN, E. F., Snow Irrigation Supply Co., 2437 East 24 Street, Los Angeles, Calif.   | McKENNA, DONALD C., Pomona Pump Co., Pomona, Calif.                         |
| BRYANT, W. M., Bryant Pump Co., Hutchinson, Kans.                                    | LEWIS, R., Fairbanks, Morse & Co., 600 South Michigan Avenue, Chicago, Ill. |
| DEMING, G. R., The Deming Co., Salem, Ohio.  | MILLER, HENRY F., Goulds Pumps, Inc., Seneca Falls, N. Y.                   |
| EICKMEYER, E. E., Dayton Pump & Manufacturing Co., 500 Webster Street, Dayton, Ohio. | MYERS, JOHN C., The F. E. Myers & Bros., Ashland, Ohio.                     |
| T. WILSON, L. E., Everite Pump & Manufacturing Co., Inc., Lancaster, Pa.             | STEWART, DAVID V., Columbiania Pump Co., Columbiania, Ohio.                 |
| HULA, ROBERT, Clayton Mark & Co., 1900 Dempster Street, Evanston, Ill.               | SWEENEY, B. N., Stamm-Scheele, Inc., Rayne, La.                             |

### FARM MACHINERY AND EQUIPMENT INDUSTRY

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| BECKER, O. F., R. Herschel Manufacturing Co., Peoria, Ill.                        | MCFARLANE, W. C., Minneapolis-Moline Power Implement Co., Box 1050, Minneapolis, Minn.            |
| BROWER, L. J., Brower Manufacturing Co., 209-215 North Third Street, Quincy, Ill. | McCAFFREY, J. L., International Harvester Co., 180 North Michigan Avenue, Chicago, Ill.           |
| BROWN, COLIN, The E. C. Brown Co., P. O. Box 166, Rochester, N. Y.                | MCCORD, A. KING, Oliver Farm Equipment Co., 400 West Madison Street, Chicago, Ill.                |
| CRAINE, Z. W., Craine, Inc., Norwich, N. Y.                                       | MYERS, JOHN C., The F. E. Myers & Bro. Co., 80 Fourth Street, Ashland, Ohio.                      |
| DEMPSTER, H., Dempster Mill Manufacturing Co., Beatrice, Nebr.                    | NEWBEGIN, WADE, R. M. Wade and Co., 106 Southeast Hawthorne Boulevard, Portland, Oreg.            |
| FISHER, WM. J., A. B. Farquhar Co., Ltd., 453 Duke Street, York, Pa.              | ROBERTS, W. A., Allis-Chalmers Mfrs. Co., Milwaukee, Wis.   |
| HALL, D. RAY, Gravely Motor Plow & Cultivator Co., Dunbar, W. Va.                 | ROBERTS, W. H., Jr., S. L. Allen & Co., Inc., Fifth Street and Glenwood Avenue, Philadelphia, Pa. |
| HINES C. A., Farm Tools, Inc., Mansfield, Ohio.                                   | SILLOWAY, FRANK, Deere & Co., Moline, Ill.  |
| HYSLOP, W. K., Massey-Harris Co., Racine, Wis.                                    | STODDARD, GEORGE C., The DeLaval Separator Co., 165 Broadway, New York, N. Y.                     |
| JAMES W. D., James Manufacturing Co., Fort Atkinson, Wis.                         | WHEELER, J. P., David Bradley Manufacturing Works, Bradley, Ill.                                  |
| JOHNSON, THEODORE, J. I. Case Co., 700 State Street, Racine, Wis.                 |   |
| KELLY, GEORGE A., G. A. Kelly Plow Co., Longview, Tex.                            |   |
| KYES, ROGER M., Harry Ferguson Inc., Dearborn, Mich.                              |   |

## FARM MACHINERY AND EQUIPMENT EXPORT INDUSTRY

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| EASTWOOD, H. S., The DeLaval Separator Co., 165 Broadway, New York, N. Y.                 | KELLOG, W. B., F. E. Myers & Brothers Co., Ashland, Ohio.                            |
| HABERER, W. F., Deere & Co., Moline, Ill.   | LANCASTER, C. M., B. F. Avery & Sons Co., 1721 South Seventh Street, Louisville, Ky. |
| HAUSCHEL, A. R., J. I. Case Co., Racine, Wis.   | MORTIMER, P. W., Minneapolis-Moline Power Equipment Co., Minneapolis, Minn.          |
| HIMES, D. A., Oliver Farm Equipment Co., 400 West Madison Street, Chicago, Ill.           | TAYLOR, W. O., Allis-Chalmers Manufacturing Co., Milwaukee, Wis.                     |
| HOYT, G. C., International Harvester Export Co., 180 North Michigan Avenue, Chicago, Ill. | VINCENT, CHARLES R., Harry Ferguson, Inc., Dearborn, Mich.                           |
| JACOBY, A. G., S. L. Allen & Co., Fifth Street and Glenwood Avenue, Philadelphia, Pa.     | WALKER, LEWIS C., Aeromotor Co., 2500 Roosevelt Road, Chicago, Ill.                  |

## FARM TRACTOR AND EQUIPMENT INDUSTRY

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| CLARK, W. L., J. I. Case Co., 700 State Street, Racine, Wis.                         | McCAFFREY, J. L., International Harvester Co., 180 North Michigan Avenue, Chicago, Ill. |
| GILLETTE, G. L. Minneapolis-Moline Power Implement Co., Box 1050, Minneapolis, Minn. | MCCORD, A. KING, Oliver Farm Equipment, 400 West Madison Street, Chicago, Ill.          |
| HAMLIN, FRANK, Papec Machine Co., Shortsville, N. Y.                                 | NOLAND, P. H., B. F. Avery & Sons Co., Louisville, Ky.                                  |
| HINES, C. A., Farm Tools, Inc., Mansfield, Ohio.                                     | OPPENHEIM, J. H., New Idea, Inc., Coldwater, Ohio.                                      |
| HYSLOP, W. K., The Massey-Harris Co., Racine, Wis.                                   | ROBERTS, W. A., Allis-Chalmers Manufacturing Co., Milwaukee, Wis.                       |
| KELLY, G. A., G. A. Kelly Plow Co., Longview, Tex.                                   | ROBERTS, WILLIAM H., Jr., S. L. Allen & Co., Inc., Philadelphia, Pa.                    |
| KING, CLYDE, Jr., King Plow Co., Atlanta, Ga.  | SILLOWAY, FRANK, Deere & Co., Moline, Ill.  |
| KYES, ROGER M., Ferguson-Sherman Manufacturing Corporation, Dearborn, Mich.          |   |

## LIVESTOCK EQUIPMENT MANUFACTURING INDUSTRY

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| ANDERSON, BEN H., Ben H. Anderson Manufacturing Co., Madison, Wis. | CRAINE, ZUR W., Craine, Inc., Norwich, N. Y.   |
| BROWER, L. J., Brower Manufacturing Co., Quincy, Ill.              | HILL, A. R., The Buckeye Incubator Co., Springfield, Ohio.                             |
| BUTLER, C. E., The Galloway Co., Inc., Waterloo, Iowa.             | HUDSON, R. C., H. D. Hudson Manufacturing Co., 589 East Illinois Street, Chicago, Ill. |

LOUDEN, R. W., Clay Equipment Corporation, Cedar Falls, Iowa.	SMITH, S. H., The Smith Incubator Corporation, Bucyrus, Ohio.
MEGRAN, HERBERT B., Starline, Inc., Harvard, Ill.	STODDARD, GEORGE C., DeLaval Separator Co., 165 Broadway, New York, N. Y.
MERRITT, T. W., Babson Brothers Co., 2843 West Nineteenth Street, Chicago, Ill.	ZALOUEK, W. A., Oakes Manu- facturing Co., Tipton, Ind.

## GENERAL INDUSTRIAL EQUIPMENT DIVISION

### CANNING, CAN LABELING, FRESH FRUIT AND VEGETABLE PROCESSING MACHINERY INDUSTRY

AYARS, CHARLES, Ayars Machine Co., Salem, N. J.	SELLS, NEAL, Food Machinery Corporation, Hoopeston, Ill.
DE BACK, WILLIAM, Chisholm-Ryder Co., Niagara Falls, N. Y.	SINDALL, ROBERT A., A. K. Robins & Co., Inc., Baltimore, Md.
FAIRBANKS, F. B., Horix Mfg. Co., Pittsburgh, Pa.	TAY, GEORGE H., Lee Metal Products Co., Phillipsburg, Pa.
KIMBALL, WALLACE, Standard-Knapp Corporation, Portland, Conn.	URSCHEL, W. C., Urschel Laboratories, Valparaiso, Ind.
KING, WALTER, King Sales & Engr. Co., San Francisco, Calif.	VANDER WEELE, ABE, Dunkley Co., Kalamazoo, Mich.

### CARBON BRUSH INDUSTRY

BOLTON, SMITH, United States Graphite Co., Saginaw, Mich.	MOSSER, J. BELMONT, Speer Carbon Co., St. Marys, Pa.
CONRAD, H. S., Stackpole Carbon Co., St. Marys, Pa.	PARTRIDGE, H. R., The Carbone Corporation, Boonton, N. J.
FULLER, E. P., Graphite Metallizing Corporation, 1050 Nepperham Avenue, Yonkers, N. Y.	WIKLE, H. H., Superior Carbon Products, Inc., 9115 George Avenue, Cleveland, Ohio.
HARDMAN, W. H., General Electric Co., Schenectady, N. Y.	WILLIFORD, E. A., National Carbon Co., Inc., 30 East Forty-second Street, New York, N. Y.

### COMMERCIAL REFRIGERATOR INDUSTRY

AHRENS, H. C., C. Schmidt Co., Cincinnati, Ohio.	GLOEKLER, CARL, Gloekler Manufacturing Co., Erie, Pa.
COOLIDGE, JACK, Sherer-Gillett Corporation, South Kalamazoo Avenue, Marshall, Mich.	HART, JOHN W., McCray Refrigerator Co., Kendallville, Ind.
FRIEDRICH, GEORGE E., Ed Friedrich Sales Corporation, 117 East Commerce Street, San Antonio, Tex.	HILL, C. V., JR., C. V. Hill & Co., Trenton, N. J.

MORTON, JOHN B., Morton Show Cases, Inc., Washington Court House, Ohio.

NORTHEY, E. N., Herrick Refrigerator Co., Waterloo, Iowa.

ROSS, SAM, Albert-Ross Refrigerator & Fixture Co., 1425 Market Street, Denver, Colo.

STULTZ, E. L., Viking Refrigerators, Inc., 7500 Wilson Avenue, Kansas City, Mo.

#### CONVEYOR AND MECHANICAL POWER TRANSMISSION INDUSTRY

BURNELL, E. J., Link-Belt Company, 300 West Pershing Road, Chicago, Ill.

CARVER, E. M., Dodge Manufacturing Corporation, 500 South Union Street, Mishawaka, Ind.

CASGRAIN, W. V., Mechanical Handling Systems, Inc., 4620 Nancy Avenue, Detroit, Mich.

DINGLE, HOWARD, Cleveland Worm & Gear Co., 3249 East Eightieth Street, Cleveland, Ohio.

DUNNE, M. F., Pyott Foundry & Machine Co., 328 North Sangamon Street, Chicago, Ill.

EMMONS, E. F., Union Chain & Manufacturing Co., Edgewater Avenue, Sandusky, Ohio.

HERSEY, H. S., C. O. Bartlett & Snow Co., 6200 Harvard Avenue, Cleveland, Ohio.

MATCHETT, T., Robins Conveying Belt Co., 270 Passaic Avenue, Passaic, N. J.

MOORE, FRANK E., Mathews Conveyor Co., Ellwood City, Pa.

SCHNEIDER, W. L., Falk Corporation, 3030 West Canal Street, Milwaukee, Wis.

WAINWRIGHT, GUY A., Diamond Chain Co., 402 Kentucky Avenue, Indianapolis, Ind.

WELSER, BRINTON, Chain Belt Co., 1637 West Bruce Street, Milwaukee, Wis.

#### DAIRY EQUIPMENT AND MACHINERY MANUFACTURING INDUSTRY

ALLING, E. ROY, Rice and Adams, Buffalo, N. Y.

COLONY, JOHN, Manton-Gaulin Manufacturing Co., Everett, Mass.

DAMROW, E. C., Damrow Brothers, Fond du Lac, Wis.

LADD, JOHN W., Cherry-Burrell Corporation, Chicago, Ill.

MILLER, HARRY L., Chester Dairy Supply Manufacturing Co., Chester, Pa.

MOJONNIER, TIMOTHY, Mojonnier Brothers, Chicago, Ill.

OLSEN, GILBERT R., General Dairy Equipment Co., Minneapolis, Minn.

PUTNAM, GEORGE W., Creamery Package Co., Chicago, Ill.

SMITH, ROLAND F., Waukesha Foundry, Waukesha, Wis.

WALKER, H. J., Thomas D. McHale Manufacturing Co., Los Angeles, Calif.

#### ELECTRIC INDUSTRIAL CONTROL INDUSTRY

BERARD, A. A., Ward Leonard Electric Co., Mount Vernon, N. Y.

FISHBACK, F. R., The Electric Controller & Manufacturing Co., 2700 East Seventy-ninth Street, Cleveland, Ohio.

DURLING, C. R., Jr., The Monitor Controller Co., 51 South Gay Street, Baltimore, Md.

HORTER, B. M., Cutler-Hammer, Inc., 315 North Twelfth Street, Milwaukee, Wis.

KELLEY, THOMAS C., Motor Division, Westinghouse Electric & Manufacturing Co., East Pittsburgh, Pa.

LOOCK, F. F., The Allen-Bradley Co., 136 West Greenfield Avenue, Milwaukee, Wis.

NEWTON, JOHN M., Oakes Electrical Supply Co., 271 Appleton Street, Holyoke, Mass.

PROUT, G. R., Industrial Control Section, General Electric Co., Schenectady, N. Y.

WILLIAMS, W. H., Clark Controller Co., 1146 East One Hundred and Fifty-second Street, Cleveland, Ohio.

### ELECTRIC MOTOR INDUSTRY

ALLIS, E. P., The Louis Allis Co., 427 East Stewart Street, Milwaukee, Wis.

BERRY, M., Electric Products Co., 1725 Clarkstone Road, Cleveland, Ohio.

COLLENS, CLARENCE L., Reliance Electric & Engineering Co., 1088 Ivanhoe Road, Cleveland, Ohio.

DAVIS, R. W., Electrical Department, Allis-Chalmers Manufacturing Co., Milwaukee, Wis.

GOODWILLIE, R. H., Yonkers Works, Otis Elevator Co., 44 Wells Avenue, Yonkers, N. Y.

HUDSON, H. A., Motor Sales, Wagner Electric Co., 6400 Plymouth Street, St. Louis, Mo.

OWENS, R. W., Motor Division, Westinghouse Electric & Manufacturing Co., East Pittsburgh, Pa.

PFLEGER, GEORGE T., U. S. Electrical Motors, Inc., 200 East Slawson Avenue, Los Angeles, Calif.

POIRIER, C. F., Crocker-Wheeler Electric Manufacturing Co., Ampere, N. J.

RUNKLE, K. H., Industrial Department, General Electric Co., Schenectady, N. Y.

RUSSELL, R. J., Century Electric Co., 1813 Pine Street, St. Louis, Mo.

### ELECTRODES AND RODS MANUFACTURING INDUSTRY

BRADY, E. J., Alloy Rods Co., 501 E. Prospect Street, York, Pa.

CHAMPION, T. PIERRE, Champion Rivet Co., East One Hundred and Eighth and Harvard Avenue, Cleveland, Ohio.

KEATING, L. M., A. O. Smith Corporation, Milwaukee, Wis.

LANGE, H. J., Marquette Manufacturing Co., 409 Northwest Johnson Street, Minneapolis, Minn.

LINCOLN, J. F., Lincoln Electric Co., Cleveland, Ohio.

REDDIE, WILLIAM W., Westinghouse Electric & Manufacturing Co., East Pittsburgh, Pa.

THOMAS, R. D., Arcos Corporation, 401 North Broad Street, Philadelphia, Pa.

TINNON, JOHN B., Metal & Thermite Corporation, 120 Broadway, New York, N. Y.

WRIGHT, T. S., Hollup Corporation, 4700 West Nineteenth Street, Chicago, Ill.

### ELEVATOR, ESCALATOR, AND DUMBWAITER INDUSTRY

BRUST, F. E., Atlantic Elevator Co., Erie Avenue and D Street, Philadelphia, Pa.

CARLSON, C. F., Monarch Elevator & Machine Co., Greensboro, N. C.

GOSNEY, J. G., Westbrook Elevator Manufacturing Co., Inc., Danville, Va.

MARTIN, J. E., Montgomery Elevator Co., 30 Twentieth Street, Moline, Ill.

- MCKESSON, G. L., Haughton Elevator Co., Toledo, Ohio.
- PETERSON, L. A., Otis Elevator Co., 260 Eleventh Avenue, New York, N. Y.
- ROWE, STANLEY, Shepard Elevator Co., 2425 Colerain Avenue, Cincinnati, Ohio.
- WALKER, G. WHITE, Westinghouse Electric Elevator, 150 Pacific Avenue, Jersey City, N. J.

### FIN COIL AND COOLER INDUSTRY

- COLMAN, R. C., McQuay, Inc., 1600 Broadway, Northeast, Minneapolis, Minn.
- DUNN, MERRILL, McCord Radiator & Manufacturing Co., 2587 East Grand Boulevard, Detroit, Mich.
- HATCH, J. W., Bush Manufacturing Co., 100 Wellington Street, Hartford, Conn.
- JAMES, B. E., York Ice Machinery Corporation, York, Pa.
- JARVIS, H. T., Refrigeration Engineering, Inc., 6107 South Central Avenue, Los Angeles, Calif.
- KLOPSCH, O. Z., Wolverine Tube Division, Calumet and Hecla Consolidated Copper Co., 1411 Central Avenue, Detroit, Mich.
- LYNCH, WILLIAM L., Rome-Turney Radiator Co., Rome, N. Y.
- NOBLE, MILNOR, Aerofin Corporation, 410 South Geddes Street, Syracuse, N. Y.
- SCHOEPFLIN, PAUL H., Niagara Blower Co., 6 East Forty-fifth Street, New York, N. Y.
- SIMS, O. M., Larkin Coils, Inc., 519 Memorial Drive, Southeast, Atlanta, Ga.
- TRANE, REUBEN, The Trane Co., LaCrosse, Wis.
- WALKER, E. R., Fedders Manufacturing Co., 85 Tonawanda Street, Buffalo, N. Y.
- SNOW, DAVID, Peerless of America, Inc., 333 North Michigan Avenue, Chicago, Ill.

### FRACTIONAL HORSEPOWER MOTOR INDUSTRY

- ELDRIDGE, W. H., Holzer Cabot Co., Boston, Mass.
- FRASER, W. R., Emerson Electric Manufacturing Co., 1824 Washington Avenue, St. Louis, Mo.
- HENRY, W. H., General Electric Co., 1 River Road, Schenectady, N. Y.
- LISMAN, W. S., Leland Electric Co., 1501 Leo Avenue, Dayton, Ohio.
- NADER, J., Eicor, Inc., 1501 West Congress Street, Chicago, Ill.
- REED, NEIL C., Westinghouse Electric & Manufacturing Co., Lima, Ohio.
- SHANGRAW, C. C., Eclipse Aviation Division, Bendix Aviation Corporation, Bendix, N. J.
- TILBROOK, J. N., Delco Products Division, General Motors, Toledo, Ohio.
- WEINER, R. S., Electrolux Corporation, Old Greenwich, Conn.

### GENERAL INDUSTRIAL EQUIPMENT TRANSPORTATION INDUSTRY

- CLARK, W. F., B. F. Sturtevant Co., Hyde Park, Boston, Mass.
- GREGG, WALTER E., Jr., Monitor Controller Co., 51 South Gay Street, Baltimore, Md.
- LEAHY, E. H., Link-Belt Co., 300 West Pershing Road, Chicago, Ill.
- MAIN, FRANK S., Aurora Pump Co., Aurora, Ill.
- MANSKE, ERVIN, Allis-Chalmers Manufacturing Co., West Allis, Wis.
- MOCHRIE, C. G., General Electric Co., Schenectady, N. Y.

## GENERAL REFRIGERATION AND AIR-CONDITIONING INDUSTRY

- FRENCH, DONALD, Carrier Corporation, 1939 Baive Street, Syracuse, N. Y.
- HILL, C. V., Jr., C. V. Hill & Co., Trenton, N. J.
- JORDAN, WAYNE, Liquid Carbonic Corporation, 3100 South Kedzie Street, Chicago, Ill.
- MCNEIL, F. M., Universal Cooler Corporation, Marion, Ohio.
- MUNCE, M. G., York Ice Machinery Co., York, Pa.
- NEWCOMB, HARRY, Servel, Inc., Evansville, Ind.
- RAINBAULT, J. B., Air Conditioning & Commercial Refrigeration Department, General Electric Co., Bloomfield, N. J.
- SCHELLENBERG, A. B., Alco Valve Co. 2619 Big Bond Boulevard, St. Louis, Mo.
- WALKER, E. R., Fedders Manufacturing Co., 57 Tonawanda Street, Buffalo, N. Y.
- WHITE, R. O., Day and Night Manufacturing Co., 2320 East Eighth, Street Los Angeles, Calif.

## HEAT EXCHANGER INDUSTRY

- CORROUGH, H. M., Aleo Products Division, American Locomotive Co., 30 Church Street, New York, N. Y.
- COX, G. H., Westinghouse Electric & Manufacturing Co., South Philadelphia, Pa.
- COY, J. A., J. A. Coy Co., 3515 Dawson Road, Tulsa, Okla.
- CURRIER, CHAS., Ross Heater & Manufacturing Division, American Radiator & Standard Sanitary Co., 1407 West Avenue, Buffalo, N. Y.
- DURRELL, E. L., Refinery Division, J. B. Beard Co., Shreveport, La.
- GOODRICH, E. R., Foster-Wheeler Corporation, 165 Broadway, New York, N. Y.
- MARSHALL, V. O., J. P. Devine Manufacturing Co., Mt. Vernon, Ill.
- MAURY, S. F., Griscom-Russell Co., 295 Madison Avenue, New York, N. Y.
- SACK, MELVIN, Henry Vogt Machine Co., Louisville, Ky.
- SHATTUCK, C. H. Southwestern Engineering Co., Los Angeles, Calif.
- STERLING, NORMAN, M. W. Kellogg Co., 225 Broadway, New York, N. Y.

## INDUSTRIAL HAND TRUCK INDUSTRY

- BARRETT, A. M., Barrett-Cravens Co., Chicago, Ill.
- GAMBILL, R. L., The Globe Co., Chicago, Ill.
- GLASS, C. A., Wellington Machine Co., Wellington, Ohio.
- KLUMB, A. H., West Bend Equipment Corporation, West Bend, Wis.
- LEWIS, A. L., Lewis-Shepard Co., Watertown, Mass.
- MORRIS, A. C., George P. Clark Co., Room 2256, 50 Church Street, New York, N. Y.
- RACE, S. E., Lansing Co., Lansing, Mich.
- REYCROFT, W. G., The Bassick Co., Bridgeport, Conn.
- THOMAS, J. F., Thomas Truck & Caster Co., Mississippi River and K Street, Keokuk, Iowa.
- WHALEN, W. M., Trucson Steel Co., Cleveland, Ohio.

## FAN AND BLOWER INDUSTRY

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| AITKEN, M. L., Propellair Fan Division, Robins & Myers, Inc., Springfield, Ohio. | FRANK, J. M., Ilg Electric Ventilating Co., 2850 North Crawford Avenue, Chicago, Ill. |
| BOOTH, C. A., Buffalo Forge Co., Buffalo, N. Y.                                  | MATHIS, J. H., New York Blower Co., Chicago, Ill.                                     |
| CLARADGE, HARRY, Claradge Fan Co., Kalamazoo, Mich.                              | PENNY, G. W., Western Fan & Blower Co., Seattle, Wash.                                |
| ENGLERT, E. C., Hartzell Propeller Fan Co., Piqua, Ohio.                         | VAILE, RAWSON, American Blower Corporation, Detroit, Mich.                            |
|  | WILLIAMS, E. B., B. F. Sturtevant Co., Boston, Mass.                                  |

## INDUSTRIAL POWER TRUCK INDUSTRY

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| CALDWELL, EUGENE, Willamette Hyster Co., 2902 Northeast Clackamas Street, Portland, Oreg. | KLINKE, L. J., Mercury Manufacturing Co., 4044 South Halsted Street, Chicago, Ill.           |
| CLARK, EZRA, Clark Equipment Co., Battle Creek, Mich.                                     | PECK, MILTON G., Yale & Towne Manufacturing Co., 4530 Tacony Street, Philadelphia, Pa.       |
| DARNELL, D. L., Baker-Raulang Co., 2168 West Twenty-fifth Street, Cleveland, Ohio.        | SMITH, C. E., Townmotor Co., 1226 East One Hundred and Fifty-second Street, Cleveland, Ohio. |
| EILER, C. D., Crescent Truck Co., Lebanon, Pa.  |  |

## INDUSTRIAL REFRIGERATION INDUSTRY

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| AUBREY, H. W., Frick Co., Inc., Waynesboro, Pa.                                  | KIRK, F. D., The Vilter Manufacturing Co., Milwaukee, Wis.               |
| FAUST, F. H., General Electric Co., 5 Lawrence Street, Bloomfield, N. J.         | KNOX, Charles, Baker Ice Machine Co., Inc., Omaha, Nebr.                 |
| FRENCH, DONALD F., Carrier Corporation, Syracuse, N. Y.                          | MUNCE, MARSHALL G., York Ice Machinery Corporation, York, Pa.            |
| HEUSER, G. A., Henry Vogt Machine Co., Tenth and Ormsby Streets, Louisville, Ky. | WILSON, C. E., Worthington Pump & Machinery Corporation, Harrison, N. J. |
| HILDRETH, H. F., Westinghouse Electric & Manufacturing Co., Springfield, Mass.   | ZIMMERMAN, P. B., Airtemp Division, Chrysler Corporation, Dayton, Ohio.  |

## KNIFE AND ENCLOSED SWITCH INDUSTRY

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| COLE, LOUIS W., Cole Electric Products Co., 4300 Crescent Street, Long Island, N. Y. | FLEISCHER, T. J., Walker Electric Co., 526 Means Street, Northwest, Atlanta, Ga. |
| DENNY, C. W., Markelew Electric Manufacturing Co., Middletown, Ohio.                 | FRANK, W. H., Bulldog Electric Products Co., 7610 Campau Avenue, Detroit, Mich.  |

GRAVES, ROBERT C., Trumbull Electric Manufacturing Co., Plainville, Conn.

HULL, C. L., Square D Co., 6060 Rivard Street, Detroit, Mich.

KRAUT, FRED G., Frank Adam Electric Co., 419 West Fifty-fourth Street, New York, N. Y.

JOHNSON, A. R., Cutler-Hammer, Inc., Milwaukee, Wis.

SMITH, P. C., Arrow-Hart & Hegeman Electric Co., 103 Hawthorne Street, Hartford, Conn.

ZERBE, W. P., Westinghouse Electric & Manufacturing Co., East Pittsburgh, Pa.

### LARGE COMPRESSOR INDUSTRY

DAVISON, M. C., Ingersoll-Rand Co., 11 Broadway, New York, N. Y.

DOLAN, J. M., Compressor Department, Sullivan Machinery Co., Michigan City, Ind.

HUDGINS, T. F., Cooper-Bessemer Corporation, Mt. Vernon, Ohio.

HUVANE, J. F., Compressor Department, Chicago Pneumatic Tool Co., 6 East Forty-fourth Street, New York N. Y.

O'CONNOR, J. B., Clark Brothers Co., Inc., Olean, N. Y.

POPE, FREDERICK, Chemical Construction Corporation, 30 Rockefeller Plaza, New York, N. Y.

SCHAFFER, E. F., Gardner-Denver Co., Quincy, Ill.

SCHWANHAUSSER, EDWIN J., Worthington Pump and Machinery Corporation, P. O. Box 953, Buffalo, N. Y.

### LUBRICATION EQUIPMENT INDUSTRY

ALLEN, J. E., The Aro Equipment Corporation, Bryan, Ohio.

GITS, R. J., Gits Brothers Manufacturing Co., 1846-66 South Kilbourn Avenue, Chicago, Ill.

GRAY, LEE, Gray Company, Inc., Minneapolis, Minn.

HITER, FRANK A., Alemite Division, Stewart-Warner Corporation, 1826 Diversey Parkway, Chicago, Ill.

HOLMES, FOSTER, Lincoln Engineering Co., 5701 Natural Bridge Avenue, St. Louis, Mo.

HULL, EDWIN G., Trabon Engineering Corporation, Cleveland, Ohio.

JENNINGS, A. J., The Farval Corporation, 3249 East Eightieth Street, Cleveland, Ohio.

KOCHER, EDWARD H., Bijur Lubricating Corporation, Long Island City, N. Y.

### OXY-ACETYLENE APPARATUS MANUFACTURING INDUSTRY

BURNETT, L. D., Linde Air Products Co., 30 East Forty-second Street, New York, N. Y.

CAMPBELL, LORN, JR., Harris-Calorific Co., 5501 Cass Avenue, Cleveland, Ohio.

DANIELS, E. A., Victory Equipment Co., 844 Folsom Street, San Francisco, Calif.

FAUSEK, A. J., Modern Engineering Co., 3411 Pine Street, St. Louis, Mo.

KEARNY, PHILLIP, K-G Welding & Cutting Equipment Co., 515 West Twenty-ninth Street, New York, N. Y.

LAWRENCE, W. L., Alexander Milburn Co., Baltimore, Md.

McBURNEY, L. L., Smith Welding Equipment Co., 2633 Southeast Fourth Street, Minneapolis Minn.

MILLS, E. L., Bastian-Blessing Co., 4201 Peterson Avenue, Chicago, Ill.

READE, HARRY H., Air Reduction Sales Co., 60 East Forty-second Street, New York, N. Y.

## REFRIGERATION VALVE AND FITTINGS MANUFACTURING INDUSTRY

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| BENSON, CHARLES, The Imperial Brass Manufacturing Co., 1200 West Harrison Street, Chicago, Ill. | MUELLER, EDWARD G., Kerotest Manufacturing Co., Pittsburgh, Pa. |
| GRAF, V. L., V. L. Graf Co., Detroit, Mich.   | NEWCUM, K. M., Superior Valve & Fitting Co., Pittsburgh, Pa.    |
| HENRY, G. J., Henry Valve Co., 1019 North Spaulding Avenue, Chicago, Ill.                       | PAPE, W. H., Crane Co., Chicago, Ill.                           |
|   | RIGGIN, F. L., Mueller Brass Co., Port Huron, Mich.             |
|   | WHIPPO, G. RUSSELL, Weatherhead Co., Cleveland, Ohio.           |

## REFRIGERATION WROUGHT COPPER INDUSTRY

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| ALLEN, GEORGE R., Mueller Brass Co., Port Huron, Mich. | MARTIN, ROSS, Northern Indiana Brass Co., Elkhart, Ind. |
| COE, J. S., Chase Brass & Copper Co., Waterbury, Conn. |   |

## RESISTANCE WELDING ELECTRODES INDUSTRY

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|---|--|
| SIEGER, G. N., S. M. S. Corporation, 1161 Harper Street, Detroit, Mich.           | TAYLOR, R. H., Electroly Co., Bridgeport, Conn.                        |
| SIMMONS, W., Welding Sales & Engineering Co., 8750 Grinell Street, Detroit, Mich. | WEED, H. D., P. R. Mallory Co., 1941 Thomas Street, Indianapolis, Ind. |

## RESISTANCE WELDING MACHINE MANUFACTURING INDUSTRY

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| GORDON, JOHN, Taylor-Winfield Corporation, Warren, Ohio.                        | SIEGER, G. N., S. M. S. Corporation, 1165 Harper Avenue, Detroit, Mich. |
| OBER, W. T., Thompson-Gibb Co., Lynn, Mass.                                     |   |
| SCIAKY, MAURICE, Sciaky Brothers, 4915 West Sixty-seventh Street, Chicago, Ill. | SMITH, ED., National Electric Welding Machine Co., Bay City, Mich.      |

## WOODWORKING MACHINERY MANUFACTURING INDUSTRY

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|---|--|
| BURNS, R. W., James L. Taylor Manufacturing Co., Poughkeepsie, N. Y.              | JOHNSON, R. E., Mereen-Johnson Machine Co., Minneapolis, Minn.           |
| HAAS, ALVIN, Yates American Machine Co., Beloit, Wis.                             | MERRITT, E. H., Merritt Engineering and Sales Co., Inc., Lockport, N. Y. |
| HAMLIN, H. C., Morgan Machine Co., Inc., 1230 University Avenue, Rochester, N. Y. | TURNER, W. B., Turner Machinery Co., San Francisco, Calif.               |
|   | VON MALTITZ, E., The Plycor Co., 154 East Erie Street, Chicago, Ill.     |

## PORTABLE CONVEYOR INDUSTRY

- BRAY, J. B., Fairfield Engineering Co., 324 Barnhart Street, Marion, Ohio.
- CONANT, W. B., Conant Machine & Steel Co., West Concord, Mass.
- CUTSHAW, R. C., Portable Division, Jeffrey Manufacturing Co., Columbus, Ohio.
- GLIDDEN, RAY, Kewanee Machinery & Conveyor Co., 1624 Burlington, Kewanee, Ill.
- SHAW, Mrs. B. S., Chicago Automatic Conveyor Co., 1845 South Fifty-fifth Street, Chicago, Ill.
- WENTZ, WILLARD W., Portable Machinery Division, A. B. Farquhar Co., Ltd., Lakeview Avenue, Clifton, N. J.

## PUMP MANUFACTURING INDUSTRY

- ADAMS, H. E., Nash Engineering Co. South Norwalk, Conn.
- BURFORD, S. W., Byron-Jackson Co., P. O. Box 2017, Terminal Annex, Los Angeles, Calif.
- HARGIS, G. R., Frederick Iron & Steel Co., Frederick, Md.
- HERMAN, K. R., Vickers' Inc., 1400 Oakman Building, Detroit, Mich.
- KLOSSEN, M. M., Buffalo Pumps, Inc., North Tonawanda, N. Y.
- LOWRY, D. R., Ingersoll-Rand, 11 Broadway, New York, N. Y.
- MAIN, F. S., Aurora Pump Co., Aurora, Ill.
- MILLER, HENRY F., Gould Pumps, Inc., Seneca Falls, N. Y.
- WILLIAMS, S. R., Worthington Pump & Machinery Corporation, Harrison, N. J.
- WYTH, R. C., Viking Pump Co., Cedar Falls, Iowa.

## REFRIGERATION CONDENSING UNIT INDUSTRY

- FAUST, FRANK H., Air Conditioning and Commercial Refrigeration Department, General Electric Co., 5 Lawrence Street, Bloomfield, N. J.
- HANSON, LARS, Carrier Corporation, South Geddes Street, Syracuse, N. Y.
- HIGHAM, WM. W., Universal Cooler Corporation, Marion, Ohio.
- JAMES, BYRON E., York Ice Machinery Corporation, York, Pa.
- JERNBERG, F. E., Refrigeration Division, Mills Novelty Co., 4100 Fullerton Avenue, Chicago, Ill.
- KNOX, CHARLES, Baker Ice Machine Co., Inc., 1522 Evans Street, Omaha, Nebr.
- MORRISON, H. C., Curtis Refrigerating Machine Co., 1918 Kienlen Avenue, St. Louis, Mo.
- PLOEGER, CLYDE E., Servel, Inc., Evansville, Ind.
- SCHOLL, B. J., Brunner Manufacturing Co., 1938 School Street, Utica, N. Y.

## RESISTANCE WELDING CONTROL MANUFACTURING INDUSTRY

- BECK, E. R., Square D Co., Milwaukee, Wis.
- DAWSON, J., Raytheon Manufacturing Co., Waltham, Mass.
- FULTON, R. S., National Time & Signal Corporation, Detroit, Mich.
- GARMAN, G. W., Industrial Control Section, General Electric Co., Schenectady, N. Y.
- HUMPHREY, S. M., Taylor-Winfield Corporation, Warren, Ohio
- LAWSON, T. R., Westinghouse Electric & Manufacturing Co., East Pittsburgh, Pa.

SCIAKY, MAURICE, Sciaky Brothers Corporation, Chicago, Ill.	WILLIAMS, W. H., Clark Controller Co., Cleveland, Ohio
STANDER, L. F., Weltronic Corporation, 3080 East Outer Drive, Detroit, Mich.	WRIGHT, F. A., Cutler-Hammer, Inc., Milwaukee, Wis.

### WATER COOLER INDUSTRY

CORDLEY, C. M., Cordley & Hayes, 443 Fifth Avenue, New York, N. Y.	KING, J. F., Halsey W. Taylor Co., Warren, Ohio.
FAUST, F. H., General Electric Co., Bloomfield, N. J.	LOVE, LEE C., Ebco Manufacturing Company, Columbus, Ohio.
HANSEL, C. F., Filtrine Manufacturing Co., 53 Lexington Avenue, Brooklyn, N. Y.	MORRISON, ORVILLE C., Sunroc Refrigeration Co., Media, Pa.
HILDRETH H. F., Westinghouse Electric & Manufacturing Co., Springfield, Mass.	WHITE, R. O., Day and Night Manufacturing Co., 2320 East Eighth Street, Los Angeles, Calif.
KEUBLER, C. A., Uniflow Manufacturing Co., Erie, Pa.	WYLLIS, JOHN, JR., Temprite Products Corporation, 47 Piquette Street Detroit, Mich.

## LUMBER—LUMBER PRODUCTS DIVISION

### AIRCRAFT SITKA SPRUCE INDUSTRY

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| BISHOP, E. K., E. K. Bishop Lumber Co., Aberdeen, Wash.  | O'BRIEN, W. P., O'Brien-Gram Spruce Co., Astoria, Oreg.         |
| DONOVAN, J. N., Bloedel-Donovan Lumber Mills, Camps at Port Angeles, Wash., Mills at Bellingham, Wash. | STAMM, EDWARD P., Crown-Zellerbach Corporation, Portland, Oreg. |
| HENRY, FRANK, Forks Lumber Co., Forks, Wash.   | STINCHFIELD, TOM, Posey Manufacturing Co., Aberdeen, Wash.      |

### HARDWOOD LUMBER MANUFACTURING INDUSTRY

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| ANDERSON, A. O., Michigamme, Mich.                         | ROBINSON, LEE, Mobile River Saw-mill Co., Mount Vernon, Ala.                      |
| DAMRON, J. W., W. M. Ritter Lumber Co., Columbus, Ohio.    | SWAN, O. T., Northern Hemlock & Hardwood Manufacturers Association, Oshkosh, Wis. |
| JOHNSON, OWEN, Johnson Lumber Co., Manchester, N. H.       | UTTER, HOWARD M., D. A. Pike Lumber Co., Akron, Ind.                              |
| MANLEY, HOBERT, Reynolds & Manley, Savannah, Ga.           | VESTAL, E. M., Vestal Lumber & Manufacturing Co., Knoxville, Tenn.                |
| PANCAKE, CAMPBELL, Pancake Lumber Co., Inc., Staunton, Va. | WHITE, CARL L., Southern Hardwoods, Eudora, Ark.                                  |
| PARHAM, C. W., C. W. Parham Lumber Co., Memphis, Tenn.     |   |

### HARDWOOD PLYWOOD MANUFACTURING INDUSTRY

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| BINFORD, A. O., Hoosier Panel Co., New Albany, Ind.  | RAMSEY, SHERMAN, Darlington Veneer Co., Darlington, S. C.          |
| COLUCCI, GEORGE, Southern Box & Lumber Co., King and Clarendon Streets, Wilmington, N. C.    | SNOKE, J. J., Goshen Veneer Co., Goshen, Ind.                      |
| FOREMAN, WM., Foreman-Derrickson Veneer Co., Elizabeth City, N. C.                           | WILLSON, G. L., Pearl City Plywood Company, Inc., Jamestown, N. Y. |
| KULMER, R. F., The Mengel Co., Louisville, Ky.   | YERKES, C. G., Roddis Lumber & Veneer Co., Marshfield, Wis.        |
| MYERCORD, G. R., JR., Haskelite Manufacturing Co., 208 West Washington Street, Chicago, Ill. | ZAUG, HAROLD M., American Plywood Corporation, New London, Wis.    |

## HARDWOOD VENEER MANUFACTURING INDUSTRY

- DAUGHERTY, JACK, Hoosier Veneer Co., Inc., 3321 Massachusetts Avenue, Indianapolis, Ind.
- EGAN, JOE, Wood Mosaic Co., Highland Park, Louisville, Ky.
- FOARD, ROBERT H., Appalachian Veneer Co., Inc., Murphy, N. C.
- GAUSE, W. D., JR., Bacon McMillan Veneer Co., Stockton, Ala.
- LEE, JUEL, Birds Eye Veneer Co., Escanaba, Mich.
- MIZENER, L. A., Chicago Mill & Lumber Co., 111 West Washington Street, Chicago, Ill.
- NICKEY, S. M., JR., Nickey Brothers Co., Memphis, Tenn.
- QUIMBY, ALLEN, JR., Allen Quimby Co., Bingham, Maine.
- SMITH, RUSSELL, Carolina Veneer Co., Inc., Orangeburg, S. C.
- WILLIAMS, T. R., I. T. Williams & Sons, Eleventh Avenue and Twenty-fifth Street, New York, N. Y.

## HOUSE TRAILER INDUSTRY

- AREHART, D. D., Palace Travel Coach Corporation, Hemphill Road, Flint, Mich.
- BARTHOLOMEW, H. L., Indian Trailer Corporation, 122 East Sixty-third Street, Chicago, Ill.
- BECKER, E. H., Glider Trailer Co., 1824 West Kinzie Street, Chicago, Ill.
- MILES, GEORGE F., Vagabond Coach Manufacturing Co., Brighton, Mich.
- MILLER, R. J., Miller Auto Cruiser Co., 812 Twelfth Street, Bradenton, Fla.
- PLATT, H. D., Platt Trailer Company, Inc., 530 McDonald Street, Elkhart, Ind.
- RAYMOND, E. E., Raymond Products Co., 411 Rust Avenue, Saginaw, Mich.
- SCHULT, WILBUR J., Schult Trailers, 1708-1900 South Main Street, Elkhart, Ind.
- SHAW, E. R., Main Line Trailer Co., 8825 Avalon Boulevard, Los Angeles, Calif.
- WOLFE, NORMAN C., American Coach Co., Cassopolis, Mich.

## LUMBER TRANSPORTATION INDUSTRY

- BATCHELDER, K. C., West Coast Lumbermen's Association, 364 Stuart Building, Seattle, Wash.
- GILLIS, H. A., Western Pine Association, 510 Yeow Building, Portland, Oreg.
- HANLON, H. A., Cotton & Hanlon, Odessa, N. Y.
- MYLREA, J. D., Thunder Lake Lumber Co., Box 719, Wausau, Wis.
- NEW, C. A., Southern Hardwood Traffic Association, 1524 Commerce Title Building, Memphis, Tenn.
- SHAFER, G. H., Weyerhaeuser Sales Co., St. Paul, Minn.
- WHITAKER, HUBERT, Ozan Lumber Co., Prescott, Ark.

## LUMBER RETAIL DISTRIBUTION INDUSTRY

- ANDERSON, W. W., Anderson Lumber Co., Ogden, Utah.
- BLACKSTOCK, CARL, Blackstock Lumber Co., 545 Elliot Avenue, West Seattle, Wash.
- ESTES, THORNTON, Estes Lumber Co., 1631 Vanderbilt Road, Birmingham, Ala.
- EWING, FRANK M., Frank M. Ewing, Inc., 4511 Rhode Island Avenue, Brentwood, Md.
- FORREST, S. LAMAR, Forrest Lumber Co., Lamesa, Tex.

HILL, E. BRUCE, E. M. Hill Lumber Co., 2601 Penn Avenue, Pittsburgh, Pa.

JOHNSTON, BEN. L., Madison Lumber Co., 721 South Claiborne Avenue, New Orleans, La.

KORPER, ADOLPH, Capital City Lumber Co., 1400 Park Street, Hartford, Conn.

LAMPERT, LEONARD, Lampert Lumber Co., St. Paul, Minn.

### LUMBER WHOLESALE DISTRIBUTION INDUSTRY

BRABSTON, HENRY G., Jr., Henry G. Brabston & Co., Birmingham, Ala.

COWLES, ROBERT B., Carlos Ruggles Lumber Co., 1562 Main Street, Springfield, Mass.

CRANE, H. A., 500 North Exeter Street, Baltimore, Md.

CURREY, J. ARTHUR, J. C. Turner Lumber Co., Irvington, N. Y.

DALIN, WILLIAM, Lewis & Dalin, Inc., Portland, Oreg.

MACLEA, CARLISLE, Maclea Lumber Co., Baltimore, Md.

McHUGH, P. J., Edward Hines Lumber Co., 77 West Washington Street, Chicago, Ill.

MORGAN, WALTER E., Morgan Lumber Sales Co., 8 East Long Street, Columbus, Ohio.

SCHUETTE, WILLIAM H., Wm. Schuette Co., 239 Fourth Avenue, Pittsburgh, Pa.

VAUGHAN, Curtis J., George C. Vaughan & Son, Gibbs Building, San Antonio, Tex.

### MAHOGANY IMPORTER—MANUFACTURING INDUSTRY

DAYTON, GEORGE, J. H. Monteath, 204 Louis Street, New York, N. Y.

FREIBERG, HARRY A., Freiberg Mahogany Co., Findley and McLean Avenues, Cincinnati, Ohio.

GERRISH, B. O., Palmer & Parker Co., 103 Medford Street, Charleston District, Boston, Mass.

JONES, WALTER, The Mengel Co., Twelfth and Dumesnil Avenues, Louisville, Ky.

MENGEL, SAM, Foreign & Domestic Veneer Co., 108 South Tenth Street, Louisville, Ky.

SMYTHE, STEWART, Stewart Smythe Mahogany Co., Delaware River and Kirkbride Street, Bridesburg, Philadelphia, Pa.

WEIS, H. M., Weis Fricker Mahogany Co., Pensacola, Fla.

WILLIAMS, T. R., Ichabod T. Williams & Sons, 220 Eleventh Avenue, New York, N. Y.

### MILLWORK INDUSTRY

CURTIS, E. J., Curtis Companies, Inc., Clinton, Iowa.

DIXON, GRANT, Western Pine Manufacturing Co., Ltd., Astor Street and Jackson Avenue, Spokane, Wash.

EDWARDS, S. S., American Sash & Door Co., Sixteenth and Bellefront Streets, Kansas City, Mo.

GOODJOHN, HARVEY B., Goodjohn Sash & Door Co., Leavenworth, Kans.

SEIGEL, ROY, Huttig Sash & Door Co., 1206 South Vandeventer Avenue, St. Louis, Mo.

SIMPSON, J. P., Buffelen Lumber & Manufacturing Co., Tacoma, Wash.

STRYGLEY, R. M., National Woodworks, Inc., 2201 Twenty-ninth Avenue, North, Birmingham, Ala.

STEVENS, FRANK, Wm. Cameron & Co., Inc., Twenty-fourth and Mary Streets, Waco, Tex.

TENZLER, HERMAN E., Northwest Door Co., 1203 East D Street, Tacoma, Wash.	TIPTON, A. R., Roach & Musser Co. Muscatine, Iowa.
TIBBETTS, E. W., Brockway-Smith-Haigh-Lovell Co., 465 Mefford Street, Boston, Mass.	WILCOX, M. B., A. Roberson & Son, Inc., Binghamton, N. Y.

## SOFTWOOD LOGGERS AND LUMBER MANUFACTURING INDUSTRY

BAHR, CARL W., California Redwood Distributors, Ltd., 35 Wacker Drive, Chicago, Ill.	McDUFFEE, DANA E., Blagen Lumber Co., Stockton, Calif.
BROWN, J. M., Long Lake Lumber Co., Spokane, Wash.	McPHERSON, C. R., Wilson Cypress Co., Palatka, Fla.
FLEISHEL, M. L., Putnam Lumber Co., Shamrock, Fla.	MILLER, ORVILLE R., Mt. Jefferson Lumber Co., Portland, Oreg.
GREELEY, W. B., West Coast Lumbermen's Association, Seattle, Wash.	MILLS, F. C., Mills Lumber Co., Acworth, Ga.
HANCOCK, KENNETH, M. S. Hancock & Son, Casco, Maine.	POMEROY, L. K., Ozark-Badger Lumber Co., Wilmar, Ark.
HIMES, FOREST H., F. H. Himes Lumber Co., Grandon, Wis.	SHEPPARD, C. C., Louisiana Central Lumber Co., Clarks, La.
HUNT, LACY H., Tilford Hunt Co., Nacogdoches, Tex.	SNELLSTROM, CHARLES, Snellstrom Bros., Inc., Eugene, Oreg.
	WEYERHAEUSER, F. K., Weyerhaeuser Sales Co., St. Paul, Minn.

## SOFTWOOD PLYWOOD INDUSTRY

CRUVER, N. O., Wheeler Osgood Sales Corporation, Tacoma, Wash.	ROBINSON, J. R., Robinson Manufacturing Co., Everett, Wash.
DANIELS, E. W., Harbor Plywood Corporation, Hoquiam, Wash.	SEKSTROM, MORRIS, Plywood & Door Division, Simpson Logging Co., McCleary, Wash.
MALARKEY, THOMAS J., M. & M. Woodworking Corporation, Portland, Oreg.	SNYDER, FROST, Vancouver Plywood & Veneer Co., Vancouver, Wash.
OPSAHL, L. G., Red River Lumber Co., Westwood, Calif.	TUCKER, MAX D., Evans Products Company, Plywood Division, Public Service Building, Portland, Oreg.

## MICA-GRAPHITE DIVISION

### CARBON AND GRAPHITE ELECTRODES INDUSTRY

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| CONRAD, H. S., Stackpole Carbon Co.,<br>St. Marys, Pa.                                 | MARTIN, HARRY P., Acheson Graphite<br>Corporation, 30 East Forty-second<br>Street, New York, N. Y.    |
| HUNTER, RALPH M., Dow Chemical<br>Co., Midland, Mich.                                  |   |
| KAUL, ANDREW, 3D, International<br>Graphite & Electrode Corporation,<br>St. Marys, Pa. | WALKER, HENRY L., JR., Great Lakes<br>Carbon Corporation, 22 East<br>Fortieth Street, New York, N. Y. |

### FLUORSPAR MINING INDUSTRY

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|---|---|
| BLAYNEY, J. M., Rosiclare Lead &<br>Fluorspar Mining Co., 506 Olive<br>Street, St. Louis, Mo. | FRAZER, ROBERT N., Kentucky<br>Fluorspar Co., Marion, Ky.               |
| CLEMENT, B. E., Davenport Mine,<br>Marion, Ky.  | GILLSON, Dr. J. L., E. I. du Pont de<br>Nemours & Co., Wilmington, Del. |
| DERR, RALPH B., Aluminum Company<br>of America, 801 Gulf Building,<br>Pittsburgh, Pa.         | HAMAN, MILES, Crystal Fluorspar<br>Mining, Box 183, Elizabethtown, Ill. |
| DICKSON, R. H., General Chemical<br>Co., 40 Rector Street, New York,<br>N. Y.                 | HEARNE, L. F., Eagle Fluorspar Co.,<br>Salem, Ky.                       |
| FABIAN, F. G., Hillside Fluorspar<br>Mines, 39 South Dearborn Street,<br>Chicago, Ill.        | JOHNSTON, K. A., U. S. Coal & Coke<br>Co., Mexico, Ky.                  |
|   | SMITH, W. N., Mahoning Mining Co.,<br>Platteville, Wis.                 |
|   | TIMBERLAKE, E. D., Peerless Oil &<br>Gas Co., Indiana, Pa.              |

### GRAPHITE CRUCIBLE MANUFACTURING INDUSTRY

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| BRUCE, L. F., Joseph Dixon Crucible<br>Co., Jersey City, N. J.               | JACKMAN, A. J., Vesuvius Crucible<br>Co., Swissvale, Pa.     |
| DANEHOWER, F. B., Ross-Tacony<br>Crucible Co., Tacony, Philadelphia,<br>Pa.  | SHEARER, W. L., Bartley Crucible<br>Co., Trenton, N. J.      |
| DIAMOND, GRANT S., Electro Refractories & Alloys Corporation, Buffalo, N. Y. | SOUTH, FURMAN, JR., Lava Crucible<br>Co., Pittsburgh, Pa.    |
| HUBBELL, G. T., American Crucible<br>Co., Shelton, Conn.                     | WESTGATE, JAMES M., Bay City<br>Crucible Co., Taunton, Mass. |

## RAW MICA FABRICATING INDUSTRY

- BLOOD, W. E., A. O. Schoonmaker Co., 635 Greenwich Street, New York, N. Y.
- BOTTIE, N. J., Industrial Mica Co., 945 Sixty-first Street, Brooklyn, N. Y.
- BRAND, WILLIAM, Wm. Brand & Co., 268 Fourth Avenue, New York, N. Y.
- BROWN, J. FULLER, Asheville Mica Co., Biltmore, N. C.
- BUFALINO, J. F., Huse-Liberty Mica Co., 171 Camden Street, Boston, Mass.
- CANTER, J. W., Mica Products Manufacturing Co., 139 Spring Street, New York, N. Y.
- CHAPMAN, M. A., Eugene Munsell & Co., 200 Varick Street, New York, N. Y.
- FARACI, M. C., American Mica Works, 47 West Street, New York, N. Y.
- LONG, J. J., Ford Radio & Mica Co., 536 Sixty-third Street, Brooklyn, N. Y.
- MUXEN, A., Spruce Pine Mica Co., Spruce Pine, N. C.
- SMITH, E. EVERETT, Canaan, N. H.
- VANCE, D. T., Tar Heel Mica Co., Plumtree, N. C.
- VANCE, GLENN, Perfection Mica Co., 2400 West Madison, Chicago, Ill.
- YANNELLO, PETER, Reliance Mica Co., 341 Thirty-ninth Street, Brooklyn, N. Y.

## REFRACTORY MAGNESITE INDUSTRY

- BAKER, J. D., Jr., Standard Lime & Stone Co., Baltimore, Md.
- GILES, JOHN L., Michigan Chemical Corporation, St. Louis, Mich.
- LAWES, P. N., West India Sales, Ltd., 17 Battery Place, New York, N. Y.
- ROBERTSON, H. S., Northwest Magnesite Co., 1800 Farmers Bank Building, Pittsburgh, Pa.
- SEATON, Dr. MAX, Westvaco Chlorine Products Corporation, Chrysler Building, 405 Lexington Avenue, New York, N. Y.
- SHALLCROSS, S. M., Warner Co., 219 North Broad Street, Philadelphia, Pa.
- SHOOK, T. W., Basic Refractories, Inc., 845 Hanna Building, Cleveland, Ohio.

## WET GROUND MICA INDUSTRY

- BROWN, J. FULLER, Richmond Mica Corporation, Biltmore, N. C.
- DAVENPORT, JOHN, Franklin Mineral Products Corporation, 1 Menlo Street, Boston, Mass.
- DENEEN, W. F., Newdale Mica Co., Erwin, Tenn.
- PITTS, F. D., Concord Mica Co., 85 Chestnut Hill Road, Newton, Mass.
- PRESTON, J. B., Jr., English Mica Co., Spruce Pine, N. C.
- VANCE, DAVID T., David T. Vance Co., Plumtree, N. C.
- VANCE, E. B., Vance-Barrett, Inc., Plumtree, N. C.

## DRY GROUND MICA INDUSTRY

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| BAILEY, HARRY, Carolina China Clay Co., Penland, N. C. | MILLS, M. F., Victor Mica Company, Inc., Spruce Pine, N. C.    |
| BROWN, J. FULLER, Asheville Mica Co., Biltmore, N. C.  | OLSEN, SIGURD, U. S. Mica Manufacturing Co., Forest Park, Ill. |
| DENEEN, W. F., Newdale Mica Co., Erwin, Tenn.          | RICE, D. D., Southern Mica Co., Johnson City, Tenn.            |
| HOYT, PHILIP S., Capitan Hotel, Van Horn, Tex.         | SMITH, FRED, Harris Clay Co., Spruce Pine, N. C.               |
|  | STANKO, JOSEPH A., Western Non-Metallics, Inc., Pueblo, Colo.  |

## SCRAP MICA PRODUCERS' INDUSTRY

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| BRADLEY, CHARLES, Bradley Mica Company, Inc., Franklin, N. C.                                     | EDWARDS, JAMES, Carolina Mica Co., First National Bank Building, Kingsport, Tenn.            |
| BROWN, J. FULLER, Lincoln Mining Co., Rocky Mount, N. C., c/o Asheville Mica Co., Biltmore, N. C. | RECKITT, ERNEST, Keystone Feldspar & Chemical Co., 141 West Jackson Boulevard, Chicago, Ill. |
| BURLESON, MILTON, Vance-Burleson, Mica Co., Spruce Pine, N. C.                                    | WELLS, GLADYS, Custer, S. Dak.   |

## MINING DIVISION

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### MINING MACHINERY MANUFACTURING INDUSTRY

- BEPLER, C. I., Beckley Machine & Electric Co., Beckley, W. Va.
- BROWN, H. V., Brown-Fayro Co., Johnstown, Pa.
- COX, ROY, Jeffrey Manufacturing Co., 956-99 North Fourth Street, Columbus, Ohio.
- LONGYEAR, R. D., E. J. Longyear Co., Foshay Tower, Minneapolis, Minn.
- DRAIN, JAMES, Sullivan Machinery Co., Michigan City, Ind.
- GOODMAN, WILLIAM, Goodman Manufacturing Co., 4834 South Halsted Street, Chicago, Ill.
- HARDSOCG, L. C., Hardsocg Manufacturing Co., Ottumwa, Iowa.
- HOW, H. N., Western Machinery Co., San Francisco, Calif.
- JOHNSON, OSCAR, Mine & Smelter Co., 1662-1698 Lake Street, Denver, Colo.
- MACVEAN, GORDON, Mine Safety Appliance Co., 230 North Braddock Avenue, Pittsburgh, Pa.
- McCORMACK, M. L., Ingersoll-Rand Co., 11 Broadway, New York, N. Y.
- MORROW, J. D. A., Joy Manufacturing Co., Franklin, Pa.
- MUELLER, FRANK, Roberts & Schaefer Co., 307 North Michigan Street, Chicago, Ill.
- OSWALD, R. W., American Car & Foundry Co., 1317 F Street NW., Washington, D. C.
- STRINGFELLOW, GEORGE, Thos. A. Edison, Inc., West Orange, N. J.
- WHALEY, WILLIAM, Myers-Whaley Co., Incorporated, Whaley Building, Knoxville, Tenn.

## MISCELLANEOUS MINERALS DIVISION

### CORUNDUM INDUSTRY

BROCKWAY, GEORGE P., American Optical Co., 1940 Thomas Street, Southbridge, Mass.

FULLER, LOUIS M., American Abrasive Co., 100 Union Street, Westfield, Mass.

HANSEN, J. E., Bausch & Lomb Optical Co., 626 St. Paul Street, Rochester, N. Y.

HERMANT, SYDNEY, Imperial Optical Co., Toronto, Ontario, Canada.

PREISMAN, S., Renaud Optical Co., Webster, Mass.

### DIAMOND INDUSTRY

COYNE, FRANK, Diamond Tool & Dye Works, 380 Hudson Street, Hartford, Conn.

HUSTON, R. H., Arthur A. Crafts Company, Inc., Kenmore Square, Boston, Mass.

NEILSON, W. LACOSTE, Norton Co., 1734 New Bond Street, Worcester, Mass.

PATRICK, R. S., 610 Sellwood Building, Duluth, Minn.

SPANDEL, H. R., H. R. Spandel, Inc., 452 Fifth Avenue, New York, N. Y.

TWOGOOD, H. W., Huntington Park, Calif.

VAN BERG, S., Rough Diamond Co., Inc., 630 Fifth Avenue, New York, N. Y.

VAN ITALLIE, DORUS, J. K. Smit & Sons, Inc., 157 Chambers Street, New York, N. Y.

VAN MOPPES, M. L., United States Industrial Diamond Corporation, 420 Lexington Avenue, New York, N. Y.

WALLACE, HARVEY B., Wheel Trueing Tool Co., Inc., 3200 West Davison Avenue, Detroit, Mich.

### MERCURY PRODUCERS INDUSTRY

AUSTIN, B. C., B. C. Austin & Co., Mills Building, San Francisco, Calif.

BRADLEY, WORTHEN, Bradley Mining Co., 425 Crocker Building, San Francisco, Calif.

GOULD, H. W., New Idria Quicksilver Co., 1000 Mills Building, San Francisco, Calif.

HUMPHREYS, A. E., Humphreys Gold Corporation, 910 First National Bank Building, Denver, Colo.

KELLEY, W. W., Texas Mercury Co., Milam Building, San Antonio, Tex.

NEWBOLD, F. EUGENE, New Almaden Corporation, 1517 Locust Street, Philadelphia, Pa.

REQUA, L. K., Idaho Almaden Mines Co., Route No. 4, Weiser, Idaho.

TUDOR, H. D., Mercury Mines, Inc., 58 Sutter Street, San Francisco, Calif.

WILLISTON, S. H., House Heaven Mines, Inc., 909 Studio Building, Portland, Oreg.

## NON-METALLIC MINERALS TRANSPORTATION INDUSTRY

BRANDO, MARLON, Calcium Carbonate Co., 43 East Ohio Street, Chicago, Ill.

FREI, R. H., American Colloid Co., 363 West Superior Street, Chicago, Ill.

HAGAR, DONALD, W. H. Loomis Talc Co., P. O. Box 328, Zanesville, Ohio.

MATTHEWS, THOMAS C., Pennsylvania Glass & Sand Corporation, Lewistown, Pa.

NEWBERRY, R. J., Johns-Manville Corporation, 22 East Fortieth Street, New York, N. Y.

ROEHM, V. J., Kentucky Clay Mining Co., 2320 Ridgewood Avenue, Alliance, Ohio.

ROFF, W. WALLACE, Southern California Minerals Corporation, c/o Whittaker, Clark & Daniels, Inc., 260 West Broadway, New York, N. Y.

SHERWOOD, ROBERT F., United Feldspar & Milling Corporation, 10 East Fortieth Street, New York, N. Y.

## SILVER DISTRIBUTORS INDUSTRY

ENGELHARD, CHARLES, Irvington Smelting & Refining Works, 300 Nye Avenue, Irvington, N. J.

GOLDSMITH, MARC S., Goldsmith Brothers Smelting & Refining Co., 58 East Washington Street, Chicago, Ill.

HEADLAND, S. H., Wildberg Brothers Smelting & Refining Co., 742 Market Street, San Francisco, Calif.

TRAVIS, JUDSON C., Handy & Harman, 80-84 Fulton Street, New York, N. Y.

## SILVER PRODUCERS INDUSTRY

BATTER, CARL J., Lexington Mining Co., 902 American Security Building, Washington, D. C.

COLCORD, F. F., U. S. Smelting, Refining & Mining Co., 57 William Street, New York, N. Y.

DWYER, ROBERT E., Anaconda Copper Mining Co., 25 Broadway, New York, N. Y.

EASTON, STANLEY A., Bunker Hill & Sullivan Mining & Concentrating Co., Crocker Building, San Francisco, Calif.

ELLIOTT, EDWARD, Telluride Mines Inc., 52 Wall Street, New York, N. Y.

EMISON, J. C., American Smelting & Refining Co., 120 Broadway, New York, N. Y.

HARDY, R. M., Sunshine Mining Co., Yakima, Wash.

IRELAND, RUFUS, JR., Lamartine Mines, Inc., Idaho Springs, Colo.

NONAMAKER, C. H., Tonopah Mining Co., 1315 Walnut Street, Philadelphia, Pa.

VOGELSTEIN, HANS A., American Metal Co., Ltd., 61 Broadway, New York, N. Y.

WISE, EDMUND M., International Nickel Co., 67 Wall Street, New York, N. Y.

## JEWEL BEARING INDUSTRY

BIRD, R. H., R. H. Bird & Co., 23 Moody Street, Waltham, Mass

CORNELY, E. H., Eastern Specialty Co., 3617 North Eighth Street, Philadelphia, Pa.

BULOVA, ARDA, Bulova Watch Co., 630 Fifth Avenue, New York, N. Y.

DURAFFOURG, MAX, 576 Fifth Avenue, New York, N. Y.

GATTI, ORVILLE, A. M. Gatti Co., Trenton, N. J.	MELLER, ADOLF, Adolf Meller Co., 400 Charles Street, Providence, R. I.
KALQUIST, C. H., Moser Jewel Co., Perth Amboy, N. J.	POTTER, T. ALBERT, Elgin National Watch Co., Elgin, Ill.
KENDIG, CALVIN M., Hamilton Watch Co., Lancaster, Pa.	
KLEINMAN, JACOB, Mayer Koulish Co., 64 Fulton Street, New York, N. Y.	WORLEY, D. E., John Worley Co., Waltham, Mass.

### QUARTZ CRYSTAL INDUSTRY

BACH, HENRY M., Premier Crystal Laboratories, Inc., 63 Park Row, New York, N. Y.	MONG, W. R., Bliley Electric Co., Erie, Pa.
BARKER, V. D., Western Electric Co., Kearney, N. J.	ROSS, K. B., Ross Manufacturing Co., 2241 South Indiana Avenue, Chicago, Ill.
BLAZIER, HERBERT E., Monitor Piezo Products Co., South Pasadena, Calif.	SMITH, M. K., Melvin K. Smith Laboratories, Kane, Pa.
GAGNE, L. A., Standard Piezo Prod- ucts Co., Carlisle, Pa.	ZIEGLER, JOHN M., Crystal Products Co., Kansas City, Mo.

### SMALL-DIAMOND DIE INDUSTRY

BIEBERICH, PAUL, Fort Wayne Wire Die Co., 2625 E. Pontiac Street, Fort Wayne, Ind.	FERRIER, OTIS, Indiana Wire Die Co., 1207 East Creighton Avenue, Fort Wayne, Ind.
CHAMBRE, LOUIS, Balloffet Dies & Nozzle Co., 6825 Adams Street, Gut- tenberg, N. J.	HARRIS, SAMUEL, National Wire Die Co., 30 Irving Place, New York, N. Y.
DEMOND, FRANK, Hoskins Mfg. Co., 4445 Lawton Avenue, Detroit, Mich.	KAVANAUGH, J. F., C. O. Jelliff Mfg. Corporation, Southport, Conn.
DRIVER, ROBERT O., Wilbur B. Driver Co., 150 Riverside Avenue, Newark, N. J.	McKINNEY, HARRY D., Driver- Harris Co., Harrison, N. J.
DURAND, F., Cochaud Wire Die Cor- poration, 300 West 56th Street, New York, N. Y.	RUOTOLO, DON, Sirian Wire & Con- tact Co., 260 Sherman Avenue, New- ark, N. J.

### TALC INDUSTRY

BOOTH, FERRIS, Sierra Talc Corpo- ration, 500 Union League Building, Los Angeles, Calif.	MAGNUS, EUGENE W., Eastern Magnesia Talc Co., Burlington, Vt.
CALLAHAN, J. P., International Pulp Co., 41 Park Row, New York, N. Y.	PENNOCK, ROBERT, Loomis Talc Corporation, Gouverneur, N. Y.
FARRAR, FLOYD F., Cohutta Talc Co., Dalton, Ga.	
HANNA, HENRY, Clinchfield Sand & Feldspar Co., 618 Mercantile Build- ing, Baltimore, Md.	SKEOCH, WALTER, Southern Cali- fornia Minerals Co., 320 South Mis- sion Road, Los Angeles, Calif.

## PLUMBING—HEATING DIVISION

### CAST IRON BOILER AND RADIATOR INDUSTRY

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| DALY, R. E., American Radiator & Standard Sanitary Corporation, Bessemer Building, Pittsburgh, Pa. | RANDOLPH, H. F., International Heater Co., 101 Park Avenue, Utica, N. Y.       |
| GOOD, V. A., Burnham Boiler Corporation, Irvington, N. Y.  | SMITH, STANLEY K., The H. B. Smith Co., Inc., Westfield, Mass.                 |
| HUNTER, L. N., National Radiator Co., 221 Central Avenue, Johnstown, Pa.                           | STEARNS, LESTER O., Columbia Radiator Co., 3400 Walnut Street, McKeesport, Pa. |
| MAGOS, JOHN P., Crane Co., 836 South Michigan Avenue, Chicago, Ill.                                | STOCKWELL, W. R., Manufacturing Division, Weil McLain Co., Michigan City, Ind. |
| McINTIRE, J. F., United States Radiator Corporation, 1056 National Bank Building, Detroit, Mich.   |  |

### CAST IRON SOIL PIPE AND FITTINGS INDUSTRY

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| BURKERT, DANIEL G., The Eastern Foundry Co., Boyerstown, Pa.                   | HALLMAN, DEEMS W., Hajoca Corporation, Fifth Street and Cannon Avenue, Lansdale, Pa.               |
| BYRD, WM. M., Jr., Alabama Pipe Co., Anniston, Ala.                            | HARVEY, MICHAEL J., Tyler Iron & Foundry Co., Box 697, Tyler, Tex.                                 |
| CROTTY, JOSEPH J., The Central Foundry Co., 386 Fourth Avenue, New York, N. Y. | HEDGES, J. R., Hedges-Walsh-Weidner Division, Combustion Engineering Co., Inc., Chattanooga, Tenn. |
| DEYO, WM. H., Anniston Foundry Co., P. O. Box 471, Anniston, Ala.              | NEAL, WM. B., Gadsden Iron Works, Inc., Gadsden, Ala.  |
| DOWD, W. FRANK, Jr., Charlotte Pipe & Foundry Co., Charlotte, N. C.            | TINNING, J. L., Hercules Foundries, Inc., 5950 South Boyle Avenue, Los Angeles, California.        |

### COMMERCIAL DISHWASHING MACHINES INDUSTRY

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| ANTICE, M. R., Josiah Antice & Co., 111 Humboldt Street, Rochester, N.Y.                              | DAVIS, P. H., Jr., Champion Dish Washing Machine Co., 311 State Street, Erie, Pa.        |
| BLAKESLEE, GALE, G. S. Blakeslee & Co., 1844 South Fifty-second Avenue, Cicero Station, Chicago, Ill. | INSINGER (Mrs.), C. L. M., The Insinger Machine Co., 6245 State Road, Philadelphia, Pa.  |
| COE, H. L., Surgex Manufacturing Co., 2900 Glascock Street, Oakland, Calif.                           | JACKSON, O. V., Jackson Dishwasher Co., 3703. East Ninety-third Street, Cleveland, Ohio. |

LYMAN, HOMER F., Universal Washing Machinery Co., 50 Windsor Place, Nutley, N. J.

NORDQUIST, H. A., Hobart Manufacturing Co., Penn and Simpson Streets, Troy, Ohio.

PETERS, R. C., Lansing Manufacturing Co., 1978 East Sixty-ninth Street, Cleveland, Ohio.

PORTRER, GEORGE R., Colts Patent Fire Arms Manufacturing Co., Auto-san Division, Hartford, Conn.

SUTCLIFFE, THOMAS, Fearless Dishwasher Company, Inc., 175 Colvin Street, Rochester, N. Y.

WHOLEY, JOHN F., Faspray Corporation, 116 Chestnut Street, Red Bank, N. J.

## DOMESTIC COOKING APPLIANCE AND HEATING STOVE INDUSTRY

ACKERSON, C., Agricola Furnace Co., Gadsden, Ala.

GRAHAM, CLARENCE, James Graham Mfg. Co., Newark, Calif.

HUMPHREY, G. A., General Gas Light Co., Kalamazoo, Mich.

KAHN, ALBERT M., The Estate, Stove Co., Hamilton, Ohio.

KLEMME, M. G., Eagle Foundry Co., Belleville, Ill.

LITTLE, S. E., American Stove Co., 4901 Perkins Avenue, Cleveland Ohio.

MORSE, HENRY H., Florence Stove Co., Gardner, Mass.

OLSON, J. B., American Gas Machine Co., Albert Lea, Minn.

PRIEST, E. K., The Moore Corporation, Joliet, Ill.

SLATTERY, J. W., J. B. Slattery & Bro., Inc., Brooklyn, N. Y.

## LIGHTWEIGHT EXTENDED SURFACE HEATING EQUIPMENT INDUSTRY

AHIFF, A. A., Tuttle & Bailey Inc., 1706 Corbin Avenue, New Britain, Conn.

DIXON, A. G., Manager, Heating Division, Modino Manufacturing Co., 1300 De Koven Avenue, Racine, Wis.

DUNHAM, C. A., C. A. Dunham Co., 450 East Ohio Street, Chicago, Ill.

EHRLICH, WILLIAM, Commodore Heaters Corporation, 11 West Forty-second Street, New York, N. Y.

FRENCH, DONALD, Carrier Corporation, 1939 Bowe Street, Syracuse, N. Y.

HILT, J. J., Young Radiator Co., Racine, Wis.

KRAMER, ISRAEL, Kramer-Trenton Co., Trenton, N. J.

MATHIS, HENRY, New York Blower Co., 33 West Thirty-second Street, Chicago, Ill.

MINER, P. T., Larkin Coils, Inc., Atlanta, Ga.

NELSON, RICHARD H., Herman Nelson Corporation, 1939 Anderson Street, Moline, Ill.

NESBITT, ALBERT J., John J. Nesbitt, Inc., Tacony and Rhawn Streets, Philadelphia, Pa.

RESCH, R. J., McQuay, Inc., 1600 Broadway, NE., Minneapolis, Minn.

RINEARSON, H. W., Shaw Perkins Manufacturing Co., Oliver Building, Pittsburgh, Pa.

TRANE, REUBEN N., The Trane Co., La Crosse, Wis.

WHEELER, HARRY S., L. J. Wing Manufacturing Co., 164 West Fourteenth Street, New York, N. Y.

## OIL BURNER INDUSTRY

- PHILLIPS, C. B., Surface Combustion Corporation, 237 Dorr Street, Toledo, Ohio.
- RAINBAULT, J. P., General Electric Co., 5 Lawrence Street, Bloomfield, N. J.
- SHERMAN, ROSS, Silent Glow Burner Corporation, Hartford, Conn.
- WELSH, L. A., Hart Oil Burner Corporation, Peoria, Ill.

## PLUMBING AND HEATING COMMERCIAL COOKING EQUIPMENT INDUSTRY

- ANOFF, I. S., Albert Pick Co., Inc., 2159 Pershing Road, Chicago, Ill.
- BLICKMAN, SAUL, S. Blickman, Inc., 2010 Gregory Avenue, Weehawken, N. J.
- DOHRMANN, BRUCE, Dohrmann Commercial Co., 972 Mission Street, San Francisco, Calif.
- FRICK, W. H., American Stove Co., 4301 Perkins Avenue, Cleveland, Ohio.
- FRY, JOHN, Detroit-Michigan Stove Co., 6900 East Jefferson Street, Detroit, Mich.
- GROEN, FRED H., Groen Manufacturing Co., Inc., 4531 Armitage Avenue, Chicago, Ill.
- HEILIG, J. T., Cleveland Range Co., 3333 Lakeside Avenue, Cleveland, Ohio.
- PATRICK, ROBERT F., The G. S. Blodgett Co., Inc., 53 Maple Street, Burlington, Vt.
- ROBERTS, W. FRANK, Standard Gas Equipment Corporation, Bayard & Hamburg Streets, Baltimore, Md.
- RUSSELL, J. E., Majestic Manufacturing Co., 21-34 Delmar Boulevard, St. Louis, Mo.

## PLUMBING AND HEATING CONTRACTORS INDUSTRY

- BLANK, HENRY S., 232 Oxford Avenue, Dayton, Ohio.
- BREER, LOUIS C., Lehman Brothers Co., 1449 South San Pedro Street, Los Angeles, Calif.
- GREINER, PAUL, Paul Greiner Co., 17 Sixth Street, Wheeling, W. Va.
- INGRAM, EDMUND P., Edmund P. Ingram Co., 2961 Boulevard, Jersey City, N. J.
- STEPHENSON, K. A., Stephenson Co., Inc., 14 Harris Street NW., Atlanta, Ga.
- VERITY, E. W., Almirall & Co., 53 Park Place, New York, N. Y.
- WEBER, RUPERT J., Jacob G. Weber Co., 2841 North Clark Street, Chicago, Ill.
- ZINK, JOHN H., The Heat & Power Corporation, 428 East Saratoga Street, Baltimore, Md.

## PLUMBING AND HEATING DISTRIBUTORS INDUSTRY

- BRECHT, W. A., Hajoca Corporation, Walnut Street Bridge at Thirty-first Street, Philadelphia, Pa.
- CHAMEROY, A. T., Sears, Roebuck & Co., Chicago, Ill.
- DENNISON, M. W., Braman Dow & Co., 239 Causeway Street, Boston, Mass.
- ELLIOTT, FRANK F., Crane Co., 301 Brannan Street, San Francisco, Calif.

GALLOUP, J. A., Galloup Pipe & Supply Co., Battle Creek, Mich.

GOLDSMITH, MILTON M., Sam S. Glauber, Inc., 515 East Seventy-ninth Street, New York, N. Y.

HIGINBOTHAN, N. J., W. A. Case & Sons Manufacturing Co., 31 Main Street, Buffalo, N. Y.

OLIPHANT, HUGH E., Tay-Holbrook, Inc., 165 Eighth Street, San Francisco, Calif.

SEIPPEL, JOHN, Montgomery Ward & Co., Chicago, Ill.

SPILLANE, W. J., James B. Clow & Sons, 201-299 North Talman Avenue, Chicago, Ill.

SWANSON, F. W., Globe Machinery & Supply Co., East First and Court Avenue, Des Moines, Iowa.

## PLUMBING AND HEATING MANUFACTURING INDUSTRY

BYRD, WILLIAM M., Jr., Alabama Pipe Co., Anniston, Ala.

COLLIER, J. H., Crane Co., 836 South Michigan Avenue, Chicago, Ill.

HIGINBOTHAN, N. J., W. A. Case & Sons Manufacturing Co., 31 Main Street, Buffalo, N. Y.

KOHLER, HERBERT V., Kohler Co., Kohler, Wis.

McAFEE, W. KEITH, Universal Sanitary Manufacturing Co., Box 391, New Castle, Pa.

MENDELSON, L. R., Hotstream Heater Co., 8007 Grand Avenue, Cleveland, Ohio.

MUELLER, HAROLD P., L. J. Mueller Furnace Co., 2005 West Oklahoma Avenue, Milwaukee, Wis.

REED, HENRY M., American Radiator & Standard Sanitary Corporation, Box 1226, Pittsburgh, Pa.

REEVES, S. J., Reeves Steel & Manufacturing Co., Dover, Ohio.

SAMMONS, E. C., Iron Fireman Manufacturing Co., 4784 Southeast Seventeenth Street, Portland, Oreg.

SWEATT, HAROLD W., Minneapolis-Honeywell Regulator Co., 2709 Fourth Avenue S., Minneapolis, Minn.

TRANE, REUBEN N., The Trane Co., La Crosse, Wis.

## PLUMBING AND HEATING TRANSPORTATION INDUSTRY

BERNE, L. S., Traffic Manager, The Hotstream Heater Co., 8007 Grand Avenue, Cleveland, Ohio.

BROUGH, J. A., Traffic Manager, Crane Co., 72 East Ninth Street, Chicago, Ill.

CRAFT, C. C., Iron Fireman Manufacturing Co., 3170 West One Hundred Sixth Street, Cleveland, Ohio.

GOTTSCHALK, CLEM W., General Traffic Manager, Jones & Laughlin Steel Corporation, Pittsburgh, Pa.

HOEHNKE, S. J., Traffic Manager, Kohler Co., Kohler, Wis.

HOEL, GEORGE W., Traffic Manager, The Trane Co., La Crosse, Wis.

LUTTON, X. W., Traffic Manager, Universal Sanitary Manufacturing Co., Box 498, Camden, N. J.

NORTHEY, M. T., Traffic Manager, Minneapolis-Honeywell Regulator Co., 2743 Fourth Avenue, Minneapolis, Minn.

RIBE, A. J., Woodward Building, Birmingham, Ala.

SCHECK, E. T., Traffic Manager, L. J. Mueller Furnace Co., Milwaukee, Wis.

THOMAS, BENJAMIN S., Traffic Manager, American Radiator & Standard Sanitary Corporation, Box 1226, Pittsburgh, Pa.

TEIRNEY, F. H., Traffic Manager, Reeves Steel & Manufacturing Co., Dover, Ohio.

## PLUMBING AND HEATING WATER HEATER INDUSTRY

- CHEVIRON, J. J., Lochinvar & Michigan Tank & Furnace Corporation, 14101 Prairie Avenue, Detroit, Mich.
- FELDMAN, M. H., John Wood Manufacturing Co., Inc., Conshohocken, Pa.
- GOSSETT, EARL, Bell and Gossett Co., Morton Grove, Ill.
- HARBERGER, GEORGE L., Eastern Foundry Co., Boyerstown, Pa.
- JAMES, R. E., Rheem Manufacturing Co., Normandie Building, Washington, D. C.
- LANMAN, C. C., Novelty Steam Boiler Works Co., Clare and Kloman Streets, Baltimore, Md.
- MENDELSON, L. R., Hotstream Heater Co., 8007 Grand Avenue, Cleveland, Ohio.
- ROSE, M. D., American Radiator & Standard Sanitary Corporation, Bessemer Building, Pittsburgh, Pa.
- STARKE, THOMAS, Richmond Engineering Co., 1305 Brook Avenue, Richmond, Va.
- SUTTON, A. H., Mission Water Heater Co., 7101 McKinley Avenue, Los Angeles, Calif.

## SANITARY CAST IRON AND FORMED ENAMELED WARE INDUSTRY

- ADAMS, C. C., Richmond Radiator Co., Uniontown, Pa.
- BERESFORD, H. C., Murray Corporation of America, 7700 Russell Street, Detroit, Mich.
- BONNER, JAMES M., Washington Eljer Co., 4200 South Alameda Street (Vernon), Los Angeles, Calif.
- BRADY, E. O., Briggs Manufacturing Co., 11631 Mack Avenue, Detroit, Mich.
- CARBEAU, J. M., Ellwood Co., Ellwood City, Pa.
- CRANE, R. R., Eljer Co., Ford City, Pa.
- FERGUSON, C. A., Maryland Sanitary Manufacturing Co., 4500 East Lombard Street, Baltimore, Md.
- GALBREATH, W. W., The Alliance Porcelain Products Co., Alliance, Ohio.
- HANNAH, THOMAS J., Jr., American Radiator & Standard Sanitary Corporation, Bessemer Building, Pittsburgh, Pa.
- HELD, H. J., Rundle Manufacturing Co., 3305 West Forest Home Avenue, Milwaukee, Wis.
- HODGES, T. M., United States Sanitary Manufacturing Co., Arrott Building, Pittsburgh, Pa.
- HURRAY, M. P., Commercial Enameling Co., 6204 South Alameda Street, Los Angeles, Calif.
- MOORE, W. G., Humphreys Manufacturing Co., Mansfield, Ohio.
- MORROW, C. A., Mullins Manufacturing Corporation, Warren, Ohio.
- PROBST, LOUIS, National Sanitary Co., Salem, Ohio.
- STOUP, Charles L., Auburn Central Manufacturing Corporation, Connersville, Ind.
- TRUBEY, R. R., Davidson Enamel Co., Clyde, Ohio.
- UPHUES, F. P., Crane Co., 72 East Ninth Street, Chicago, Ill.
- ZIBELL, A. G., Kohler Co., Kohler, Wis.

## STOKER MANUFACTURING INDUSTRY

- BILSBOROUGH, H. L., Fairbanks-Morse Co., 606 South Michigan Avenue, Chicago, Ill.
- ELLSWORTH, K. C., Stoker Division, Link-Belt Co., 304 West Pershing Road, Chicago, Ill.

GODDARD, R. C., Steel Products Engineering Co., Springfield, Ohio.

GROVE, L. W., Jr., Frederick Iron & Steel Co., Frederick, Md.

McCLINTOCK, J. M., Illinois Iron & Bolt Company, 918 South Michigan Avenue, Carpentersville, Ill.

POTTS, CLAUDE A., United States Machine Corporation, Lebanon, Ind.

SAMMONS, E. C., Iron Fireman Manufacturing Co., 4784 Southeast Seventeenth Avenue, Portland Oreg.

SILL, H. E., Muncie Gear Works, Inc., Muncie, Ind.

SIMPSON, J. H., Hershey Machine & Foundry Co., Manheim, Pa.

SORMANE, WALTER, Schwitzer-Cummins Co., 1145 East Forty-second Street, Indianapolis, Ind.

#### STOVE AND FURNACE SMOKE PIPE MANUFACTURING INDUSTRY

CHEFF, P. T., Holland Furnace Co., Holland, Mich.

COHN, AARON, Acme Tin Plate & Roofing Supply Co., Third and Westmoreland Street, Philadelphia, Pa.

FOLLANSBEE, R. K., Sheet Metal Specialty Co., Third and Liberty Avenues, Pittsburgh, Pa.

HARRISON, RAY G., Stove and Furnace Smoke Pipe Division, Reeves Steel & Manufacturing Co., Harrison Avenue, Dover, Ohio.

HAYMAN, E. J., Parkersburg Iron & Steel Co., Parkersburg, W. Va.

HEALY, WILLIAM L., Waverly Heating Supply Co., 31 Union Street, Boston, Mass.

JACKES, F. R., Jackes Evans Co., 4400 North Union Street, St. Louis, Mo.

NESBITT, W. H., Stove and Furnace Smoke Pipe Division, Wheeling Corrugating Co., Wheeling Steel Building, Wheeling, W. Va.

SCHNEIDER, GEORGE H., Heating and Ventilating Division, Milcor Steel Co., South Forty-first and Burnham Street, Milwaukee, Wis.

YOUNG, A. J., Stove and Furnace Smoke Pipe Division, Louisville Tin & Stove Co., 737 South Thirteenth Street, Louisville, Ky.

#### TEMPERATURE AND COMBUSTION CONTROL INDUSTRY

COLE, A. D., Cole-Sullivan Engineering Co., 1316 North Third Street, Minneapolis, Minn.

CREW, M. W., Hotstream Heater Co., 8007 Grand Avenue, Cleveland, Ohio.

HARWOOD, E. E., White-Rodgers Electric Co., 1209 Cass Avenue, St. Louis, Mo.

HERSKE, A. R., Au-Temp-Co Corporation, 33 West Sixtieth Street, New York, N. Y.

KUCERA, H. T., Marsh-Tritrol Co., 600 South Michigan Avenue, Chicago, Ill.

MATCHETT, J. C., Illinois Engineering Co., Chicago, Ill.

PAULING, J. W., Minneapolis-Honeywell Regulator Co., 2747 Fourth Avenue South, Minneapolis, Minn.

RATHER, M. F., Johnson Service Co., 28 East Twenty-ninth Street, New York, N. Y.

VAN ETEN, W. G., Conco Engineering Works, Box 111, Mendota, Ill.

WEBSTER, WARREN, Jr., Warren Webster & Co., Camden, N. J.

ZIEBOLD, E. H., Cook Electric Co., 2700 North Southport Avenue, Chicago, Ill.

#### VAPOR AND VACUUM STEAM HEATING SPECIALTIES INDUSTRY

BRESNIHAN, JOHN, Wm. S. Haines & Co., Twelfth and Buttonwood Street, Philadelphia, Pa.

JONES, WILLIAM, Barnes & Jones Inc., 180 Brookside Avenue, Boston, Mass.

LERCH, B. F., Warren Webster & Co., 1653 Federal Street, Camden, N. J.	SMITH, LEWIS, C. A. Dunham Co., 450 East Ohio Street, Chicago, Ill.
RITCHIE, E. J., Sarco Company, Inc., 40 East Thirty-fourth Street, New York, N. Y.	STEWART, C. W., Hoffman Specialty Co., Indianapolis, Ind.

### VITREOUS CHINA AND VITREOUS GLAZED EARTHENWARE MANUFACTURING INDUSTRY

AITKIN, E. S., The Trenton Pot- teries Co., Trenton, N. J.	CRANE, RADFORD R., Eljer Co., Ford City, Pa.
BACKNER, STANLEY S., Camden Pottery Division, Universal Sanitary Manufacturing Co., Camden, N. J.	DOUGLAS, JOHN F., John Douglas Co., Cincinnati, Ohio.
BONNER, JAMES M., Washington Eljer Co., Los Angeles, Calif.	KADISCH, G. E., General Ceramics Co., Metuchen, N. J.
CLIFFORD, J. S., Chicago Pottery Co., 1920 Clybourne Avenue, Chi- cago, Ill.	KROSS, O. A., Executive, Kohler Co., Kohler, Wis.
COUCH, D. D., American Radiator & Standard Sanitary Corporation, Pitts- burgh, Pa.	WEAVER, HARRY F., Peerless Pot- tery Co., Evansville, Ind.

### WARM AIR FURNACE INDUSTRY

ACKERSON, CLIFF, Agricola Furnace Co., Inc., Gadsden, Ala.	McNANEY, R. S., Dowagiac Steel Furnace Co., Dowagiac, Mich.
BELL, ROBIN A., Surface Combustion Corporation, Dorr Street, Toledo, Ohio.	PACKER, FRANK C., 336 North Foothill Road, Payne Furnace & Supply Co., Inc., Beverly Hills, Calif.
FAUST, F. H., Air Conditioning and Commercial Refrigeration Department, General Electric Co., 5 Lawrence Street, Bloomfield, N. J.	SHARP, H. S., The Henry Furnace & Foundry Co., 3471 East Forty-ninth Street, Cleveland, Ohio.
McGRATH, W. L., The Williamson Heater Co., 335 West Fifth Street, Cincinnati, Ohio.	WRIEDEN, ARTHUR W., 400 North Midler Avenue, Lennox Furnace Co., Inc., Syracuse, N. Y.

## POWER DIVISION

### BOILER MANUFACTURING INDUSTRY

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| AINSWORTH, W. P., Combustion Engineering Co., 200 Madison Avenue, New York, N. Y. | GRIFFITH, L. E., Riley Stoker Corporation, Worcester, Mass.          |
| BARNUM, STARR T., Bigelow Co., New Haven, Conn.                                   | LASKER, F., Lasker Boiler and Engineering Corporation, Chicago, Ill. |
| BRINIG, F. G., Erie City Iron Works, Erie, Pa.                                    | LOCKE, W., Edge Moor Iron Works, Edge Moor, Del.                     |
| CRAWFORD, G. W., E. Keeler Co., Williamsport, Pa.                                 | PRATT, A. G., Babcock & Wilcox, 85 Liberty Street, New York, N. Y.   |
| FOSTER, P. W., JR., Foster-Wheeler Corporation, 165 Broadway, New York, N. Y.     | STERMONT, R. J., Wickes Boiler Co., Saginaw, Mich.                   |

### CIRCUIT BREAKERS AND SWITCHGEAR INDUSTRY

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| FAIRMAN, F. E., JR., General Electric Co., 6901 Elmwood Avenue Philadelphia, Pa. | RIECK, L. E., I-T-E Circuit Breaker Co., Nineteenth and Hamilton Streets, Philadelphia, Pa.           |
| MACNEIL, J. B., Westinghouse Electric & Manufacturing Co., East Pittsburgh, Pa.  | SWOISH, W. R., Roller-Smith Co., Bethlehem, Pa.   |
| NEAGLE, R. J., Allis Chalmers Manufacturing Co., Milwaukee, Wis.                 | THOMPSON, J. S., Pacific Electric Manufacturing Corporation, 5815 Third Street, San Francisco, Calif. |

### HIGH VOLTAGE INSULATORS INDUSTRY

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| BURLESON, W. H., Ohio Brass Co., Mansfield, Ohio.                                | NAIRN, C. B., Locke Insulator Corporation, St. Charles & Cromwell Streets, Baltimore, Md. |
| COAPMAN, C. W., Victor Insulators, Inc., Victor, N. Y.                           | STINSON, W. L., Jeffrey-Dewitt Insulator Co., Kenova, W. Va.                              |
| KENNEALLY, M. M., Porcelain Insulator Corporation, Lima, N. Y.                   | WILLIAMS, H. T., The R. Thomas & Sons Co., Lisbon, Ohio.                                  |
| MACNEILL, J. B., Westinghouse Electric & Manufacturing Co., East Pittsburgh, Pa. |   |

### LAND STEAM TURBINE AND TURBINE GENERATOR INDUSTRY

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| BROWN, W. K., Joshua Hendy Iron Works, San Francisco, Calif. | COGGESHALL, C. S., General Electric Co., Schenectady, N. Y. |
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COX, G. H., Westinghouse Electric & Manufacturing Co., Harrison, N. J.	HEALY, W. J., De Laval Steam Turbine Co., Trenton, N. J.
CRUTHERS, T., Worthington Pump & Machine Co., Harrison, N. J.	HULT, H. C., Coppus Engineering Co., Worcester, Mass.
HAYES, JOHN F., Dean Hill Pump Co., Anderson, Ind.	JORDAN, C. C., Allis-Chalmers Manufacturing Co., Milwaukee, Wis.
	YOST, W. A., The Elliott Co., Jeanette, Pa.

### LIGHTNING ARRESTERS INDUSTRY

MACNEIL, J. B., Westinghouse Electric & Manufacturing Co., East Pittsburgh, Pa.	STEINMAYER, A. G., Line Material Co., P. O. Box 2077, Milwaukee, Wis.
McFARLIN, J. R., Electric Service Supplies Co., Philadelphia, Pa.	TOWNE, H. M., General Electric Co., Schenectady, N. Y.

YONKERS, E. H., Joslyn Manufacturing & Supply Co., Chicago, Ill.

### POWER SWITCHING AND DISTRIBUTION EQUIPMENT INDUSTRY

ANDERSON, R. E., Delta Star Electric Co., Chicago, Ill.	MENARD, G. A., General Electric Co., Philadelphia, Pa.
BOWIE, A. J., Bowie Switch Co., San Francisco, Calif.	MITCHELL, W. C., Southern States Equipment Co., Birmingham, Ala.
HARZ, H. J., Electric Power Equipment Corporation, Philadelphia, Pa.	STEINMAYER, A. G., Line Material Co., Milwaukee, Wis.
McCAULEY, W. M., Railway & Industrial Engineering Co., Greensburg, Pa.	WARREN, P. T., Royal Electric Manufacturing Co., Chicago, Ill.

### STEAM SURFACE CONDENSER INDUSTRY

ANNE, J. W., Elliot Co., 900 North Fourth Street, Jeanette, Pa.	KENNEDY, WILLIAM M., Condenser Service and Engineering Co., Hoboken, N. J.
CARSON, M. L., Allis-Chalmers Manufacturing Co., 1941 Ristow Street, Milwaukee, Wis.	SCHUBERT, FRANK, Schubert-Christy Corporation, 600 George Street, Afton Station, St. Louis, Mo.
CHIPMAN, FRED W., International Engineering, Inc., Framingham, Mass.	

### WATER METER INDUSTRY

ANDERSON, R. R., Worthington Gamon Meter Co., Harrison, N. J.	GLEESON, G. H., Pittsburgh Equitable Meter Co., Pittsburgh, Pa.
BALLANTINE, JOHN H., Neptune Meter Co., 50 West Fiftieth Street, New York, N. Y.	HERSEY, FRANCIS P., Hersey Manufacturing Co., South Boston, Mass.
BARRETT, H. F., Buffalo Meter Co., 2927 Main Street, Buffalo, N. Y.	
BUCHHOLZ, H., Badger Meter Manufacturing Co., Milwaukee, Wis.	JOHNSON, W. H., Phoenix Meter Co., Prince Bay, Staten Island, N. Y.

## PRINTING AND PUBLISHING DIVISION

### BLANK BOOK, LOOSE LEAF AND BINDER INDUSTRY

- AUBURN, HUBERT O., The Tenacity Manufacturing Co., Cooper and Hosea Streets, Cincinnati, Ohio.
- BARNHILL, F. D., Charles R. Hadley Co., 330 North Los Angeles Street, Los Angeles, Calif.
- BROWNLEE, G. W., Economic Binder Co., 220½ Nelson Street, Southwest, Atlanta, Ga.
- COOPER, JAMES, Hall & McChesney Inc., Oswego Boulevard and Court Street, Syracuse, N. Y.
- DEAN, C. T., American Beauty Cover Co., 2000 North Field Street, Dallas, Tex.
- HORN, W. C., W. C. Horn Brothers & Co., 571 North Third Street, Newark, N. J.
- KULP, BENJAMIN, Wilson-Jones Co., 3300 West Franklin Boulevard, Chicago, Ill.
- MCNULTY, JAMES J., Loose Leaf Metals Co., 6816 Arsenal Street, St. Louis, Mo.
- TAMANY, JOHN W., Boorum & Pease Co., 84 Hudson Avenue, Brooklyn, N. Y.
- TOWNE, RICHARD P., National Blank Book Co., Holyoke, Mass.
- VERNON, MURRAY, S. E. & M. Vernon, Inc., 65 Duane Street, New York, N. Y.
- W. T. WOOD, The Heinn Co. 326 W. Florida St., Milwaukee, Wis.

### BOOK PUBLISHING AND MANUFACTURING INDUSTRY

- BOUSQUET, J. ARTHUR, The H. R. Hunting Co., 29 Worthington Street, Springfield, Mass.
- BRETT, GEORGE P., Jr., The Macmillan Co., 60 Fifth Avenue, New York, N. Y.
- BRIGGS, THEODORE C., Lawyers Co-Operative Publishing Co., Aque-duct Building, Rochester, N. Y.
- BROCK, DONALD C., Prock & Rankin, 619 South La Salle Street, Chicago, Ill.
- CHASE, BURR L., Silver-Burdette Co., 45 East Seventeenth Street, New York, N. Y.
- DUBS, C. M., W. B. Conkey Co., Hammond, Ind.
- JOHNSON, MALCOLM, Doubleday-Doran & Co., 14 West Forty-ninth Street, New York, N. Y.
- KINDT, CHAS. F., John C. Winston Co., 1006 Arch Street, Philadelphia, Pa.
- MAYO-SMITH, RICHMOND, Plimpton Press, Norwood, Mass.
- McGRAW, CURTIS W., McGraw-Hill Book Co., Inc., 330 West Forty-second Street, New York, N. Y.
- McMICHAEL, ROBERT L., Jr., Turner E. Smith & Co., 441 West Peachtree Street, Northeast, Atlanta, Ga.
- O'CONNOR, JOHN, Quarrie Co., 35 East Wacker Drive, Chicago, Ill.
- REISER, A. HAMER, Deseret Book Co., 46 East South-Temple Street, Salt Lake City, Utah.
- WILKERSON, M. M., Louisiana State University Press, Baton Rouge, La.

## CONTINUOUS FORM, AUTOGRAPHIC REGISTER AND SALESBOOK INDUSTRY

- BARKER, W. R., United Autographic Register Co., 500 South California Avenue, Chicago, Ill.
- BLAUNER, R. J., American Lithofold Corporation, 500 Bittner Street, St. Louis, Mo.
- BRENN, C. W., Autographic Register Co., 1000 Clinton Street, Hoboken, N. J.
- DALEY, W. A., W. S. Gilkey Printing Co., 1138 West Ninth Street, Cleveland, Ohio.
- DAUGHERTY, R. S., The Shelby Sales Book Co., 40 High School Avenue, Shelby, Ohio.
- DUNLAP, CLARK, Stephen Greene Co., Thirty-fourth and Market Streets, Philadelphia, Pa.
- HOPKIN, R. D., Gilman-Fanfold Corporation, Buffalo Avenue and Tenth Street, Niagara Falls, N. Y.
- JOHNSTON, CLARENCE L., Sunset McKee Sales Book Co., 2101 Livingston Street, Oakland, Calif.
- MCLEOD, W. N., American Sales Book Co., Inc., 3000 Highland Avenue, Niagara Falls, N. Y.
- MERRICK, FRED, The Gilmanton Salesbook Co., 632 East St. Clair Avenue, Cleveland, Ohio.
- RAUH, LAWRENCE, The Egry Register Co., 4172 Monument Avenue, Dayton, Ohio.
- ROBINSON, R. L., The National Carbon Coated Paper Co., Sturgis, Mich.
- RYAN, WILLIAM N., American Register Co., 564 East First Street, South Boston, Mass.
- SPAYD, M. A., The Standard Register Co., 626 Albany Street, Dayton, Ohio.
- SPEER, TALBOT T., Baltimore Sales Book Co., 3132 Frederick Avenue, Baltimore, Md.

## COMMERCIAL PRINTING AND LITHOGRAPHING INDUSTRY

- BIERMAN, EVERETT, Charlotte Engraving Co., 125 East Third Street, Charlotte, N. C.
- BREWOOD, A. H., A. H. Brewood, Inc., 1217 G Street NW, Washington, D. C.
- BRUCE, OLIVER S., Baker-Jones Hausauer, Inc., 45 Carroll Street, Buffalo, N. Y.
- DONNELLEY, T. E., R. R. Donnelley & Sons Co., Inc., 350 East Cermak Road, Chicago, Ill.
- FORBES, W. S., Forbes Lithograph Manufacturing Co., Boston, Mass.
- FRANCESCHI, M. P., Lord & Thomas, 247 Park Avenue, New York, N. Y.
- FURRY, SCHELL, National Typesetting Corporation, St. Louis, Mo.
- HALL, J. C., Hall Bro., Inc., 2505 Grand Avenue, P. O. Box 437, Kansas City, Mo.
- KNOP, ALFRED, Knop & Brauers, Inc., 1726 North First Street, Milwaukee, Wis.
- SHERIDAN, THOS. B., American Bank Stationery Co., Aisquith Street and Curtain Avenue, Baltimore, Md.
- SIEGEL, JOSEPH M., The Trade Bindery, Inc., 636 Eleventh Avenue, New York, N. Y.
- SMITH, FRANK J., John P. Smith Co., 195 Platt Street, Rochester, N. Y.
- TRAUNG, LOUIS H., Stecher-Traung Lithograph Corporation, 600 Battery Street, San Francisco, Calif.
- VOIGT, ELMER G., Western Printing & Lithographing Co., Inc., 1212-20 Mount Avenue, Racine, Wis.
- WINKLER, J. HOMER, Ace Electrotypes Co., 1501 Superior Avenue, Cleveland, Ohio.

## MAGAZINE AND PERIODICAL INDUSTRY

- BOHEN, FRED O., Meredith Publishing Co., 1712 Locust Street, Des Moines, Iowa.
- ERNST, CLAYTON H., Outdoor Publications, Inc., 729 Boylston Street, Boston, Mass.

GRAMMER, A. L., Street & Smith Publications, Inc., 79 Seventh Avenue, New York, N. Y.

HUDSON, D. C., Progressive Farmer-Ruralist Co., Commercial Realty Building, Birmingham, Ala.

LANE, LAWRENCE W., Lane Publishing Co., 576 Sacramento Street, San Francisco, Calif.

McGRAW, JAMES H., Jr., McGraw-Hill Publishing Co., Inc., 330 West Forty-second Street, New York, N. Y.

PIERCE, MARVIN, McCall Corporation, 230 Park Avenue, New York, N. Y.

POLING, DR. DANIEL A., Christian Herald Association, 419 Fourth Avenue, New York, N. Y.

RADCLIFFE, HARRY E., Nature Magazine, 1214 Sixteenth Street, N.W., Washington, D. C.

TRAYSER, LEWIS W., The Curtis Publishing Co., Independence Square, Philadelphia, Pa.

WALLACE, N. L., Time, Inc., 330 East Twenty-second Street, Chicago, Ill.

## NEWSPAPER INDUSTRY

ABELS, E. F., The Outlook, Lawrence, Kans.

ANDERSON, E. M., Transylvania Times, Brevard, N. C.

ANDREWS, O. G., The Day, New London, Conn.

BAKER, EARL D., Scripps-Howard Newspapers, Washington Daily News, Washington, D. C.

CHANDLER, NORMAN, Los Angeles Times, Los Angeles, Calif.

CHOATE, ROBT., Herald Traveller, 80 Mason Street, Boston, Mass.

DAVIS, HOWARD, New York Herald-Tribune, 230 West Forty-first Street, New York, N. Y.

DEAR, WALTER M., Jersey City Journal, Jersey City, N. J.

DOYLE, C. R., Boston Post, Boston, Mass.

FLYNN, F. M., New York Daily News, New York, N. Y.

GORTATOWSKY, J. D., Hearst Corporation, Eighth Avenue and Fifty-seventh Street, New York, N. Y.

GRAY, J. S., Evening News, Monroe, Mich.

KNIGHT, JAMES L., Miami Herald, Miami, Fla.

MANSHIP, CHARLES, Baton Rouge Times & Advocate, Baton Rouge, La.

McCARRENS, JOHN S., Cleveland Plain Dealer, Cleveland, Ohio.

NEWBOLD, FLEMING, The Evening Star, Washington, D. C.

NORTH, J. M., Jr., Star-Telegram, Fort Worth, Tex.

POTTER, JOHN W., Argus, Rock Island, Ill.

SLOCUM, RICHARD, Philadelphia Bulletin, Philadelphia, Pa.

STAUFFER, CHARLES A., Arizona Republic Gazette, Phoenix, Ariz.

SULZBERGER, ARTHUR H., New York Times, New York, N. Y.

THOMASON, S. E., Chicago Times, Chicago, Ill.

TRIPP, FRANK E., Gannett Newspapers, Elmira, N. Y.

WINCH, S. R., The Journal, Portland, Oreg.

ZERBEY, COL. J. H., Pottsville Penn Republican, Pottsville, Pa.

## PRINTING AND PUBLISHING INDUSTRY

ANDERSON, EDWARD M., Sky-lands Post, West Jefferson, N. C.

BOHEN, FRED O., Meredith Publishing Co., Des Moines, Iowa.

- BOYD, DONALD L., Standard Printing & Publishing Co., Huntington, W. Va.
- BRETT, GEORGE P., JR., MacMillan Co., New York, N. Y.
- GRAMMER, A. L., Street & Smith Publications, 79 Fifth Avenue, New York, N. Y.
- GRAY, S. J., Monroe Publishing Co., Monroe, Mich.
- JACKSON, LESLIE H., Stecher-Traung Lithograph Corporation, 274 North Goodman Street, Rochester, N. Y.
- LENNOX, EDWIN, American Color-type Co., Chicago, Ill.
- McGRAW, JAMES H., Jr., McGraw-Hill Publishing Co., 330 West Forty-second Street, New York, N. Y.
- NEWBOLD, FLEMING, Evening Star Newspaper Co., Washington, D. C.
- PIERCE, MARVIN, McCall Corporation, 230 Park Avenue, New York, N. Y.
- THOMASON, S. E., The Chicago Times, Chicago, Ill.
- VOIGT, ELMER G., Western Printing & Lithographing Co., Inc., 1212-20 Mount Avenue, Racine, Wis.
- WERDEN, LEE C., Cuneo Eastern Press, Inc., of Pennsylvania, Philadelphia, Pa.
- WILHELM, C. H., Haddon Craftsmen, Inc., Camden, N. J.

#### PRINTING AND PUBLISHING TRANSPORTATION INDUSTRY

- BEVAN, CHARLES J., Rumford Press, Concord, N. H.
- BROWN, HERBERT F. C., Western Printing & Lithographing Co., Racine, Wis.
- COBB, C. A., Ruralist Press, Inc., 713 Glenn Street, Southwest, Atlanta, Ga.
- HANRAHAN, B. J., The Cuneo Press, Inc., 2242 Grove Street, Chicago, Ill.
- HANSEN, HAROLD M., R. R. Donnelly & Sons Co., 350 East Twenty-second Street, Chicago, Ill.
- PALMER, LOUIS H., Curtis Publishing Co., Independence Square, Philadelphia, Pa.
- SCHMIEDING, CLARENCE C., Crowell-Collier Publishing Co., Springfield, Ohio.
- STEADMAN, CLAUDE R., Kingsport Press, Inc., Reedy and Roller Streets, Kingsport, Tenn.
- TRAUNG, LOUIS, Stecher-Traung Lithograph Corporation, San Francisco, Calif.
- TURNER, M. T., Methodist Publishing House, 810 Broadway, Nashville, Tenn.
- VOHS, E. J., American Newspaper Publishers Association, New York, N. Y.
- WALLACE, NICHOLAS L., Time, Inc., Time and Life Building, 14 West Forty-ninth Street, New York, N. Y.

#### WALLPAPER INDUSTRY

- BARTLETT, E. R., Richard E. Thibaut, Inc., 269 Madison Avenue, New York, N. Y.
- BIRGE, GEORGE K., The Birge Co., Inc., 390 Niagara Street, Buffalo, N. Y.
- BUTTORFF, W. R., Gilbert Wall Paper Co., York, Pa.
- CHARLSTROM, C. E., The Joilet Wall Paper Mills, Logan Avenue, Joliet, Ill.
- FREUND, HARRY, Globe Mills, Inc., Forty-ninth and South Halsted Streets, Chicago, Ill.
- HENNINGS, H. W., The Chicago Wall Paper Manufacturing Co., 222 South Seventh Street, Steubenville, Ohio.
- HEVENOR, W. S., Commercial Wall Paper Mills, Inc., Hoffman Street and Calumet Avenue, Hammond, Ind.
- LENNON, E. M., Lennon Wall Paper Co., 1005-07 Fourth Avenue, Joliet, Ill.

MACEY, WILLIAM C., Wall Paper Department, Sears Roebuck Co., Division No. 653, Homan and Arth-  
ington Streets, Chicago, Ill.

MARTINEK, ALEXANDER, The Prager Co., Inc., Worcester, Mass.

MELLEN, GEORGE F., Wall Paper Division, Imperial Paper & Color Corporation, Glens Falls, N. Y.

SNEEDEN, F. G., Superior Wall Paper Co., 900 East Washington Street, Joliet, Ill.

STONER, CHARLES H., Cook Paint & Varnish Co., P. O. Box 389, Kansas City, Mo.

YATES, W. H., United Wall Paper Factories, Inc., 3330 West Fillmore Street, Chicago, Ill.

## PULP AND PAPER DIVISION

### BOOK, WRITING, AND GROUNDWOOD INDUSTRY

- BECKETT, GUY H., The Beckett Paper Co., Hamilton, Ohio.
- BECKWITH, RALPH M., Crocker, Burbank & Co., Fitchburg, Mass.
- CLOUGH, CLARENCE A., New York & Pennsylvania Co., Inc., 230 Park Avenue, New York, N. Y.
- COLE, FRED W., Fraser Industries, Inc., 420 Lexington Avenue, New York, N. Y.
- COPELAND, STUART B., The Northwest Paper Co., Cloquet, Minn.
- CURTENIUS, DWIGHT R., Allied Paper Mills, Kalamazoo, Mich.
- HANSON, HUGO H., W. C. Hamilton & Sons, Miquon, Pa.
- MEAD, WALTER L., Consolidated Water Power & Paper Co., 135 South LaSalle Street, Chicago, Ill.
- MILLER, JOHN R., West Virginia Pulp & Paper Co., 230 Park Avenue, New York, N. Y.
- ZIMMERMAN, W. B., Howard Allied Paper Co., Franklin, Ohio.

### MANILA FIBRE AND OLD MANILA ROPE INDUSTRY

- ADAMS, JAMES F., John A. Manning Paper Co., Troy, N. Y.
- BACHMAN, PAUL, Riegel Paper Co., 342 Madison Avenue, New York, N. Y.
- BEMIS, FRED, Bemis Brothers Bag Co., P. O. Box 1873, Boston, Mass.
- COFFIN, DEXTER, C. H. Dexter & Sons, Windsor Locks, Conn.
- DICKERSON, H. M., Pillsbury Flour Mills Co., Minneapolis, Minn.
- GEORGE, THOS., S. George Co., Willsburg, W. Va.
- NICHOLSON, A. K., Hollingsworth and Vose, East Walpole, Mass.
- TATUM, W. F., Smith Paper, Inc., Lee, Mass.
- TATTERSALL, S. L., Union Mills Paper Co., New Hope, Pa.

### PAPER TECHNICAL DEVELOPMENT INDUSTRY

- BARBER, W. R., Crown Willamette Paper Co., Camas, Wash.
- CONNOR, C. M., Glassine Paper Co., West Conshohocken, Pa.
- HENDRICH, WALTER G., Byron Weston Co., Dalton, Mass.
- JOHNSON, L. S., Cornell Wood Products Co., Cornell, Wis.
- MURDOCK, HAROLD R., Champion Paper & Fibre Co., Canton, N. C.
- ROTHCHILD, H. A., Kimberly-Clark Corporation, Neenah, Wis.
- SCHUR, M. O., Brown Co., Berlin, N. H.

### PAPERBOARD INDUSTRY

- ALFORD, W. J., Jr., Continental Paper Co., Ridgefield Park, N. J.
- BURSCH, R. H., International Paper Co., New York, N. Y.

FROHMAN, SIDNEY, Hinde & Dauch Paper Co., Sandusky, Ohio.	NELSON, CHARLES, Mac Sim Bar Paper Co., Otsego, Mich.
GOLDSMITH, ALAN, Mead Corporation, Chillicothe, Ohio.	PATTERSON, D. H., Jr., Fibreboard Products, Inc., San Francisco, Calif.
JUNOD, R. L., Brown Paper Mill Co., Munroe, La.	SCHMIDT, HENRY D., Schmidt & Ault Paper Co., York, Pa.
LOWE, MALCOLM B., Lowe Paper Co., Ridgefield, N. J.	STRANGE, HUGH, John Strange Paper Co., Menasha, Wis.
MADDEN, JAMES L., Hollingsworth & Whitney, Boston, Mass.	ZARTMAN, FRED B., Franklin Board and Paper Co., Franklin, Ohio.

### PULP AND PAPER INDUSTRY

ANDERSON, ELMER, American Reinforced Paper Co., 205 West Wacker Drive, Chicago, Ill.	NUNEZ, VASCO E., Nashua Gummed & Coated Paper Co., Nashua, N. H.
CAMP, HUGH, Chesapeake-Camp Corporation, Franklin, Va.	PRUYN, SAMUEL, Finch, Pruyn & Co., Inc., Glens Falls, N. Y.
EVEREST, D. C., Marathon Paper Mills Co., Rothschild, Wis.	ROACH, J. T., Southern Central Co., Memphis, Tenn.
FRIEND, GORDON, Thos. M. Royal Co., Philadelphia, Pa.	SMEALLIE, DONALD, Smeallie & Voorhees Inc., Amsterdam, N. Y.
GARDNER, E. T., Gardner Richardson Co., Middletown, Ohio.	STARR, WALTER A., Soundview Pulp Co., 405 Montgomery Street, San Francisco, Calif.
GOODSPEED, W. S., American Box Board Co., Grand Rapids, Mich.	WILSON, NORMAN, Hammermill Paper Co., Erie, Pa.
HINMAN, JOHN, International Paper Co., 220 East Forty-second Street, New York, N. Y.	WOLF, ROBERT B., Weyerhaeuser Timber Co., Longview, Wash.
HOUSTON, GRAFTON, Fort Howard Paper Co., Green Bay, Wis.	WORRELL, RUFUS I., Mead Sales Corporation, 230 Park Avenue, New York, N. Y.
KIECKHEFER, J. W., Kieckhefer Container Co., Delair, N. J.	ZELLERBACH, DAVID, Crown-Zellerbach Co., 343 Sansome Street, San Francisco, Calif.
NELSON, ROBERT F., Glassine Paper Co., West Conshohocken, Pa.	ZINK, JOHN D., Strathmore Paper Co., West Springfield, Mass.

### PULP AND PAPER CHLORINE INDUSTRY

BERGMAN, WALTER, Lily Tulip Cup Corporation, 122 East Forty-second Street, New York, N. Y.	JOHNSON, E. V., U. S. Envelope Co., Springfield, Mass.
BRETT, GEORGE P., JR., The Macmillan Co., 60 Fifth Avenue, New York, N. Y.	KAY, S. E., International Paper Co., 220 East Forty-second Street, New York, N. Y.
CARRUTH, HARRY P., Brown Co., Main Street, Berlin, N. H.	MAHLER, ERNST, Kimberly-Clark Corporation, Neenah, Wis.
HOVEY, REX W., Oxford Paper Co., 230 Park Avenue, New York, N. Y.	MARION, CLARK, Champion Paper & Fibre Co., Raleigh Hotel, Washington, D. C.

- NUNEZ, VASCO E., Nashua Gummed & Coated Paper Co., Nashua, N. H.
- RUTLEDGE, R. E., Sutherland Paper Co., Kalamazoo, Mich.
- SCHMIDT, HENRY, Schmidt & Ault Paper Co., 423 Kingsmill Road, York, Pa.
- STILLMAN, CHARLES L., Time, Inc., 9 Rockefeller Plaza, New York, N. Y.
- TRAYSER, LEWIS W., Curtis Publishing Co., Philadelphia, Pa.
- VOIGHT, ELMER G., Western Printing & Lithographing Co., 1220 Mound Street, Racine, Wis.
- WOLF, R. B., Weyerhaeuser Timber Co., 230 Park Avenue, New York, N. Y.

#### PULP AND PAPER TRANSPORTATION INDUSTRY

- BRYAN, J. E., Wisconsin Paper & Pulp Manufacturers Traffic Association, 28 East Jackson Boulevard, Chicago, Ill.
- FENSTERMAKER, C. L., Sutherland Paper Co., Kalamazoo, Mich.
- FRIEL, JAMES P., Central Fibre Products Co., 111 West Washington St., Chicago, Ill.
- HENDERSON, R. J., Minnesota & Ontario Paper Co., 500 Baker Arcade, Minneapolis, Minn.
- IGNATIUS, HUGO, International Paper Co., 220 East Forty-second Street, New York, N. Y.
- KATOR, FREDERICK F., The Mead Corporation, 131 North Ludlow Street, Dayton, Ohio.
- PATTERSON, J. D., Union Bag & Paper Corporation, 233 Broadway, New York, N. Y.
- QUINLAN, J. A., St. Regis Paper Co., 230 Park Avenue, New York, N. Y.
- RAPHAEL, A. A., New England Paper & Pulp Traffic Association, 60 Batterymarch Street, Boston, Mass.
- RATLIFF, H. T., The Champion Paper & Fibre Co., Hamilton, Ohio.
- SEID, J. J., Crown-Zellerbach Corporation, 343 Sansome Street, San Francisco, Calif.

#### PUGET SOUND PULP AND PAPER INDUSTRY

- CAMPBELL, W. S., Anacortes Pulp Co., Anacortes, Wash.
- FERGUSON, ROY, St. Regis Paper Co., New York, N. Y.
- HAYES, J. C., Everett Pulp & Paper, Inc., San Francisco, Calif.
- HOUSTON, M. H., Rayonier, Inc., San Francisco, Calif.
- LESLIE, DON, Grays Harbor Pulp & Paper Co., San Francisco, Calif.
- STARR, WALTER, Soundview Pulp Co., San Francisco, Calif.
- TURCOTTE, L. P., Puget Sound Pulp & Timber Co., Bellingham, Wash.
- WOLF, R. B., Weyerhaeuser Timber Co., Longview, Wash.
- ZELLERBACH, J. D., Crown Zellerbach Corporation, San Francisco, Calif.

#### PULP AND PAPER MACHINERY INDUSTRY

- BARKER, WALTER L., Improved Paper Machinery, Nashua, N. H.
- BOLTON, WM. W., Emerson Manufacturing Co., Lawrence, Mass.
- CAMPBELL, SAMUEL J., Hudson Sharpe Machinery Co., Green Bay, Wis.
- JONES, S. HARLEY, E. D. Jones & Sons, Co., Pittsfield, Mass.
- LIST, L. J., Samuel M. Langston Co., Camden, N. J.
- MARTINDALE, HOMER W., Black-Clawson Co., Hamilton, Ohio.
- NEESE, ELBERT H., Beloit Iron Works, Beloit, Wis.

## PULP AND PAPER WIRE CLOTH MANUFACTURING INDUSTRY

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|---|--|
| ABENDROTH, P. J., International Wire Works, Manasha, Wis.                           | DOCHERTY, EDWARD, Holyoke Wire Cloth Co., Holyoke, Mass.                 |
| BUCHANAN, WILLIAM E., Appleton Wire Works, Appleton, Wis.                           | SINCLAIR, PETER S., The Sinclair Co., 60 Appleton Street, Holyoke, Mass. |
| CROSSMAN, A. F., Lindsay Wire Weaving Co., 14025 Aspinwall Avenue, Cleveland, Ohio. | SPECHT, HARRY G., Eastwood-Nealey Corporation, Belleville, N. J.         |
| DISBRO, GUY A., W. S. Tyler Co., 3615 Superior Avenue, Cleveland, Ohio.             | WATSON, JOHN D., Wisconsin Wire Works, Appleton, Wis.                    |

## PULPWOOD INDUSTRY

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|---|---|
| BROWN, C. O., Southern Craft Division, International Paper Co., Mobile, Ala.      | HILTON, WM., Great Northern Paper Co., 6 State Street, Bangor, Maine.               |
| BRUST, WILLIAM T., Hammermill Paper Co., Erie, Pa.                                | MEAD, STANTON W., Consolidated Water Power & Paper Co., Wisconsin Rapids, Wis.      |
| CALDWELL, R. L., Rhinelander Paper Co., Rhinelander, Wis.                         | NASH, JAMES B., Nekoosa-Edwards Paper Co., Port Edwards, Wis.                       |
| COMINGS, WM. D., West Virginia Pulp & Paper Co., 230 Park Avenue, New York, N. Y. | RAU, IRVING T., St. Helens Pulp & Paper Co., St. Helens, Oreg.                      |
| CURTISS, A. G., Gaylord Container Corporation, Bogalusa, La.                      | RIDGEWAY, C. E., Soundview Pulp Co., Everett, Wash.                                 |
| DELONG, WALTER, St. Regis Kraft Co., Tacoma, Wash.                                | SMITH, C. E., The Champion Paper & Fibre Co., Canton, N. C.                         |
| DENMAN, D. S., Crown Zellerbach Corporation, 719 White Building, Seattle, Wash.   | STIER, A. H., Container Corporation of America, Fernandina, Fla.                    |
| FARWELL, THOMAS, Ryegate Paper Co., East Ryegate, Vt.                             | SWENNING, K. A., Hellingsworth & Whitney Co., 60 Batterymarch Street, Boston, Mass. |
|   | WILDS, C. E., The Brown Paper Mill Co., Inc., Monroe, La.                           |

## SULPHITE SPECIALTIES INDUSTRY

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|---|--|
| ALLEN, P. M., Dunn Sulphite Paper Co., Port Huron, Mich.                    | HENDERSON, G. F., Brown Co., 500 Fifth Avenue, New York, N. Y.   |
| COWIE, J. B., Hellingsworth & Whitney Co., 230 Park Avenue, New York, N. Y. | NICHOLS, H. O., Crown Zellerbach Corporation, Chanin Building, 122 East Forty-second Street, New York, N. Y. |
| HAYWARD, RALPH, Kalamazoo Vegetable Parchment Co., Kalamazoo, Mich.         | SISSON, R. L., Jr., The Racquette River Paper Co., Potsdam, N. Y.  |

## UTILIZATION OF MACHINE SHOPS IN THE PULP AND PAPER INDUSTRY

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| ALFORD, W. J. Jr., Continental Paper Co., Ridgefield Park, N. J. | BECKER, FOLKE, Rhinelander Paper Co., Rhinelander, Wis. |
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BERGMAN, WALTER J., Lily-Tulip Cup Corporation 122 East Forty-second Street, New York, N. Y.	MCDONALD, R. A., Crown-Zellerbach Corporation, 343 Sansome Street, San Francisco, Calif.
BUNCKE, H. J., Oxford Paper Co., Rumford, Maine.	PATTERSON, J. H., F. N. Burt Co., Inc., Buffalo, N. Y.
GLATFELTER, P. H., P. H. Glatfelter Co., Spring Grove, Pa.	SHAVER, ROY, Riegel Paper Corporation, 342 Madison Avenue, New York, N. Y.
KAY, S. F., International Paper Co., 220 East Forty-second Street, New York, N. Y.	

### WASTE MATERIAL SUPPLIERS' INDUSTRY

BENEDETTO, JOSEPH A., D. Benedetto, Inc., 420 Lexington Avenue, New York, N. Y.	SHILLING, HAROLD, U. S. Paper Supply Co., 59 East Van Buren Street, Chicago, Ill.
CHRISTIAN, H. P., Pacific Coast Waste Paper Corporation, 430 Colytton Street, Los Angeles, Calif.	STOVROFF, HASKELL, Buffalo Waste Paper Co., Buffalo, N. Y.
DICKSON, DAVID M., Penn. Paper Stock Co., 1112 Washington Avenue, Philadelphia, Pa.	SUTPHIN, STUART B., The I. V. Sutphin Co., 2103 Union Central Building, Cincinnati, Ohio.
JOHNSTON, ROBERT, Jr., General Paper Stock Co., Seventh and Carr Street, St. Louis, Mo.	WILCOX, F. E., Industrial Paper Stock Co., 136 Main Street, Kansas City, Mo.
LETELLIER, JOHN S., Letellier-Philips Co., New Orleans, La.	WHITE, PAUL J., Pres., Great Eastern Packing and Paper Stock Corporation 53-01 Grand Ave., Maspeth, New York, N. Y.
RESNICK, HARRY, Acme Paper Stock Co., Louisville, Ky.	

### WASTE PAPER CONSUMERS INDUSTRY

COFFIN, DEXTER D., C. H. Dexter & Son, Inc., Windsor Locks, Conn.	REID, E. C., American Writing Paper Corporation, 9 Main Street, Holyoke, Mass.
FERGUSON, G. K., Watervliet Paper Co., Watervliet, Mich.	RICHARDSON, ROBT. R., The Gardner Richardson Co., Middletown, Ohio.
FRY, LLOYD A., Volney Felt Mills, 5302 West Sixty-sixth Street, Chicago, Ill.	SANGER, JOHN P., U. S. Gypsum Co., 300 West Adams St., Chicago, Ill.
GALLUP, C. W., New York & Penn Co., 230 Park Avenue, New York, N. Y.	SCHMIDT, H., Schmidt & Ault Co., York, Pa.
GREENWAY, N. F., Robert Gair Co., 155 East Forty-fourth Street, New York, N. Y.	TWINAM, J. C., O. B. Andrews Paper Co., Chattanooga, Tenn.
PATTERSON, D. H., Fibreboard Products, Inc., 710 Russ Building, San Francisco, Calif.	

### WOODPULP ALLOCATION INDUSTRY

BARDEN, MAXWELL, Lee Paper Co., Vicksburg, Mich.	BEGREN, A. G., Rayonier, Inc., 122 East Forty-second Street, New York, N. Y.
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- DRISCOLL, D. G., Sorg Paper Co.,  
Middletown, Ohio.
- DYKE, GEORGE E., Robert Gair Co.,  
Inc., 155 East Forty-fourth Street,  
New York, N. Y.
- FAIRBURN, R. G., Berst Forster Dix-  
field, 155 East Forty-fourth Street,  
New York, N. Y.
- HAYWARD, RALPH, Kalamazoo Veg-  
etable Parchment Co., Kalamazoo,  
Mich.
- HOLLINGSWORTH, ARMOR, Pen-  
obscot Chemical Fibre Co., 213  
Congress Street, Boston, Mass.
- HOVEY, REX, Oxford Paper Co., 250  
Park Avenue, New York, N. Y.
- KAY, S. E., International Paper Co.,  
220 East Forty-second Street, New  
York, N. Y.
- MADDEN, J. L., Jr., Hollingsworth &  
Whitney Co., 60 Batterymarch Street,  
Boston, Mass.
- NICHOLS, H. O., Crown-Zellerbach,  
122 East Forty-second Street, New  
York, N. Y.
- NOURSE, N. L., Brown Co., 500 Fifth  
Avenue, New York, N. Y.
- PORTER, OLIVER M., U. S. Pulp  
Producers Association, 122 East  
Forty-second Street, New York, N. Y.
- WALLACE, GEO. R., Fitchburg Paper  
Co., Fitchburg, Mass.
- WAKEMAN, F. S., Ohio Box Board  
Co., Rittman, Ohio.

## RESOURCES AGENCIES

### DIE CASTING INDUSTRY

- THOMPSON, R. G., General Electric Co., Schenectady, N. Y.
- CHASE, ARTHUR G., Precision Castings Co., Inc., Syracuse, N. Y.
- COLEMAN, THOMAS E., Madison-Kipp Corporation, Madison, Wis.
- CORNELL, IRWIN, St. Joseph Lead Co., 250 Park Avenue, New York, N. Y.
- HOEFLER, F. M., Harvill Corporation, 6251 W. Century Boulevard, Los Angeles, Calif.
- UPHAM, E. W., Chrysler Corporation, Detroit, Mich.
- McCAGUE, R. C., Kiowa Corporation, Marshalltown, Iowa.
- MERVINE, A. E., New Jersey Zinc Co., Front & Fletcher Streets, New York, N. Y.
- MEYER, GEORGE L., Jr., Stewart Die Casting Division, Stewart-Warner Corporation, Chicago, Ill.
- PACK, CHARLES, Doepler Die Casting Co., 386 Fourth Avenue, New York, N. Y.
- PARKER, NORMAN A., Parker White Metal & Machine Co., Erie, Pa.
- ROLLASON, G. M., Die Casting Division, Aluminum Company of America, Garwood, N. J.
- SCHELLER, ERNEST, Reynolds Metals Co., Louisville, Ky.
- SORENSEN, C. M., Continental Die Casting Corporation, Detroit, Mich.
- WEISS, H. H., Superior Die Casting Co., Cleveland, Ohio.

### WASTE MATERIALS DEALERS INDUSTRY

- ALTER, FRANK A., Harry Alter & Sons, Davenport, Iowa.
- CHAPMAN, BEN, J. Chapman & Sons, 884 North Halsted Street, Chicago, Ill.
- DESSER, ERWIN M., Desser Tire & Rubber Co., 6211 Cottage Street, Huntington Park, Los Angeles, Calif.
- DICKSON, DAVID, Penn Paper & Stock Co., Philadelphia, Pa.
- FRIEDLANDER, EDWARD B., The Lowenthal Co., 188 West Randolph Street, Chicago, Ill.
- GOLDSTEIN, HARRY, L. Goldstein's Sons, Philadelphia, Pa.
- HERSHMAN, SAM, I. Hershman & Co., Inc., New Haven, Conn.
- LEVINE, A. J., A. Edelstein & Sons, Toledo, Ohio.
- LINDEN, MILTON, Glaser-Yoffe, Inc., Chelsea, Mass.
- MESSINGER, LEO J., George Birkenstein and Co., 332 South Michigan Boulevard, Chicago, Ill.
- MUEHLSTEIN, HERMAN, H. Muehlstein & Co., Inc., 122 East Forty-second Street, New York, N. Y.
- MYERS, NAT C., Myers-Lipman Wool Stock Co., Inc., 22 North Moore Street, New York, N. Y.
- NICOLLETTI, A., D. Bennedetto, Inc., 420 Lexington Avenue, New York, N. Y.
- SCHAPIRO, JOSEPH, S. Schapiro & Sons, Inc., Baltimore, Md.
- SOLOMON, EDWARD, Max Solomon Co., Pittsburgh, Pa.
- SPACHNER, J. V., Pioneer Paper Stock Co., 448 West Ohio Street, Chicago, Ill.
- TYROLER, JOSEPH H., Tyroler Metals, Inc., Cleveland, Ohio.
- JACOBSON, JOSEPH E., Luria Bros. & Co., Inc., Pittsburgh, Pa.

## RADIO AND RADAR DIVISION

### RADIO AND RADAR INDUSTRY

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|---|---|
| BALCOM, MAX, Sylvania Electric Products Inc., Emporium, Pa.         | HOSFORD, W. F., Western Electric, 195 Broadway, New York, N. Y.                     |
| BAKER, Dr. W. R. G., General Electric Co., Schenectady, N. Y.       | LEWIS, E. E., Radio Corporation of America, Front and Cooper Streets, Camden, N. J. |
| COHEN, M., F. W. Sickles Co., 300 Main Street, Springfield, Mass.   | SCHONEN, PERCY L., Hamilton Radio, 510 Sixth Avenue New York, N. Y.                 |
| HILLIARD, W. P., Bendix Radio, 920 East Fort Avenue, Baltimore, Md. | WELLS, A. S., Wells-Gardner & Co., 2701 North Kildare, Chicago, Ill.                |

### RADIO RECEIVER VACUUM TUBE INDUSTRY

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|---|---|
| BALCOM, M. F., Hygrade Sylvania Corporation, Emporium, Pa.                      | COFFIN, L. H., Hytron Corporation, 76 Lafayette Street, Salem, Mass.                    |
| BONFIG, HENRY C., RCA Manufacturing Co., Inc., Camden, N. J.                    | MARSHALL, LAWRENCE K., Raytheon Production Corporation, 55 Chapel Street, Newton, Mass. |
| BURLEW, ROY, Ken-Rad Tube & Lamp Co., Owensboro, Ky.                            | MULDOWNY, S. W., National Union Radio Corporation, 15 Washington Street, Newark, N. J.  |
| CARLSON, RAYMOND E., Tung-Sol Lamp Works, Inc., 95 Eighth Avenue, Newark, N. J. |   |

### RADIO REPLACEMENT PARTS INDUSTRY

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| BLAKE, OCTAVE, Cornell-Dubilier Electric Corporation, 1000 Hamilton Boulevard, South Plainfield, N. J. | MITCHELL, I. A., United Transformer Corporation, 150 Varick Street, New York, N. Y.         |
| GUAM, JAMES P., Guam-Nichols Co., 33rd Place and Cottage Grove Avenue, Chicago, Ill.                   | MUCHER, VICTOR, Clarostat Manufacturing Company, 285 North Sixth Street, Brooklyn, N. Y.    |
| GUTHMAN, EDWIN I., E. I. Guthman & Co., Inc., 15 South Throop Street, Chicago, Ill.                    | SEARING, ERNEST, International Resistance Co., 401 North Broad Street, Philadelphia, Pa.    |
| HOPKINS, R. F., Girard-Hopkins Co., 1437 Twenty-third Avenue, Oakland, Calif.                          | SPARROW, RAY F., P. R. Mallory & Co., Inc., 3029 East Washington Street, Indianapolis, Ind. |
| KAHN, JEROME J., Standard Transformer Corporation, 1500 North Halsted Street, Chicago, Ill.            | SPRAGUE, R. C., Sprague Specialties Co., North Adams, Mass.                                 |
| KOHRING, W. M., Continental Carbon, Inc., 13900 Lorain Avenue, Cleveland, Ohio.                        | WHITE, T. A., Jensen Radio Manufacturing Co., 6601 South Laramie Avenue, Chicago, Ill.      |

## RADIO TRANSMITTER MANUFACTURING INDUSTRY

- BARKLEY, W. J., Collins Radio Co., 11 West Forty-second Street, New York, N. Y.
- BEHN, SOSTHENES, International Telegraph & Telephone Co., 1000 Passaic Street, East Newark, N. J.
- BONFIG, H. C., RCA Manufacturing Co., Front and Cooper Streets, Camden, N. J.
- EVANS, WALTER, Westinghouse Electric Co., Bloomfield, N. J.
- HAMMERLUND, LLOYD A., The Hammerlund Manufacturing Co., Inc. 460 West Thirty-fourth Street, New York, N. Y.
- LINK, FRED M., Link Radio Corporation, 125 West Seventeenth Street, New York, N. Y.
- SREBROFF, CHARLES M., Radio Engineering Laboratories, 35-54 Thirty-sixth Street, Long Island, N. Y.
- WILLIS, M. H., Spokane Radio Co., 611 West First Avenue, Spokane, Wash.
- WILLETS, H. N., Western Electric Co., 395 Hudson Street, New York, N. Y.

## TRANSMITTER VACUUM TUBE INDUSTRY

- BAKER, DR. W. R. G., General Electric Co., Schenectady, N. Y.
- BONFIG, HENRY C., RCA Manufacturing Co., Front and Cooper Streets, Camden, N. J.
- BURLEW, ROY, Ken Rad Tube & Lamp Co., Owensboro, Ky.
- EITEL, W. W., Eitel-McCullough, Inc., 798 San Mateo Avenue, San Bruno, Calif.
- LAFITTE, ST. GEORGE, Federal Telegraph Co., 200 Mount Pleasant Avenue, Newark, N. J.
- NORRIS, S., Amperex Electronics, Inc., 79 Washington Street, Brooklyn, N. Y.
- TAYLOR, WARREN G., Taylor Tubes, Inc., 2341-43 Wabansia Avenue, Chicago, Ill.
- WILSON, H. D., Western Electric Co., 120 Broadway, New York, N. Y.

## FIXED AND VARIABLE RESISTOR INDUSTRY

- BRADLEY, HARRY L., Allen-Bradley Co., Milwaukee, Wis.
- HARDWICK, A. H., Hardwick-Hindle, Inc., Newark, N. J.
- MOULTON, ALLEN K., Ohio Carbon Co., 12508 Berea Road, Cleveland, Ohio.
- SEARING, ERNEST, International Resistance Co., 401 North Broad Street, Philadelphia, Pa.
- STACKPOLE, J. H., Stackpole Carbon Co., St. Marys, Pa.

## CATHODE RAY TUBE INDUSTRY

- BALCOM, M. F., Sylvania Electric Products, Emporium, Pa.
- DUMONT, ALLEN B., Allen B. DuMont Laboratories, Inc., Passaic, N. J.
- FRITSCHEL, E. H., Electronics Division, General Electric Co., Schenectady, N. Y.
- MULDOWNY, S. W., National Union Radio Corporation, Newark, N. J.
- THEES, L. S., Tube Equipment Division, RCA Manufacturing Co., Harrison, N. J.

## COMBAT INSTRUMENT INDUSTRY

- ANGUS, D. J., Esterline-Angus Co., Inc., Indianapolis, Ind.
- BEEDE, F., Beede Electrical Instrument Co., Penacook, N. H.
- GEER, C. D., Thomas A. Edison Co., Lakeside Avenue, West Orange, N. J.
- GERSTENBERGER, H. LEIGH, Weston Electrical Instrument Co., Newark, N. J.
- HICKOK, R. D., Hickok Electrical Instrument Co., 10514 Dupont Avenue, Cleveland, Ohio.
- SIMPSON, RAY R., Simpson Electric Co., 5216 West Kinzie Street, Chicago, Ill.
- SPARKES, H. P., Meter Division, Westinghouse Electric and Manufacturing Company, 95 Orange Street, Newark, N. J.
- HOWE, W. E., Meter Division, General Electric Co., Schenectady, N. Y.

## INDUSTRIAL INSTRUMENT INDUSTRY

- ELFERS, PAUL A., Fisher Governor Co., Marshalltown, Iowa.
- EVLETH, E. B., Brown Instrument Co., 4482 Wayne Avenue, Philadelphia, Pa.
- GEISLER, J. V., Fulton Sylphon Co., Knoxville, Tenn.
- HAZARD, ROWLAND, Bristol Co., Waterbury, Conn.
- HENDRICK, GEORGE, Republic Flow Meters Co., 2240 Diversey Parkway, Chicago, Ill.
- JONES, E. M., Simplex Valve & Meter Co., 68th and Upland Streets, Philadelphia, Pa.
- MERRILL, H., Manning, Maxwell and Moore, Inc., Bridgeport, Conn.
- MUELLER, H. C., Powers Regulator Co., 2720 Greenview Avenue, Chicago, Ill.
- REDDING, C. S., Leeds & Northrop Co., 4901 Stenton Avenue, Philadelphia, Pa.
- SCHOENFELD, R. A., Wheleo Instruments Co., 845 West Harrison Street, Chicago, Ill.
- SPRAGUE, P. T., Hays Corporation, P. O. Box 299, Michigan City, Ind.
- SWIFT, L. B., Taylor Instrument Co., 95 Ames Street, Rochester, N. Y.
- WILSON, L. G., Precision Thermometer and Instrument Co., 1434 Brandywine Street, Philadelphia, Pa.

## RUBBER DIVISION

### MECHANICAL RUBBER GOODS INDUSTRY

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|--|--|
| ABBOTT, GEORGE L., Garlock Packing Co., Palmyra, N. Y.                 | HENKEL, PAUL H., Continental Rubber Works, Erie, Pa.                 |
| BLIZZARD, WALTER J., Firestone Tire & Rubber Co., Akron, Ohio.         | MACDONALD, JR., J. E., Whitehead Brothers Rubber Co., Trenton, N. J. |
| COBB, WILLARD H., U. S. Rubber Co., 1230 Sixth Avenue, New York, N. Y. | MATHEIS, A. F., Thermoid Co., Trenton, N. J.                         |
| DALEY, F. M., Sponge Rubber Products Co., Derby, Conn.                 | RICHARDSON, W. S., B. F. Goodrich Co., Akron, Ohio.                  |
| GLANTON, K. H., Dayton Rubber Manufacturing Company, Dayton, Ohio.     | SMITH, FRANKLIN G., Ohio Rubber Co., Willoughby, Ohio.               |
| HARPFER, D. E., Goodyear Tire & Rubber Co., Akron, Ohio.               | SCHULTZ, H. P., Republic Rubber Co., Youngstown, Ohio                |
| HAYDEN, J. H., Hewitt Rubber Corporation, Buffalo, N. Y.               | WHITE, W. L., Raybestos-Manhattan, Inc., Passaic, N. J.              |
|  | YELM, C. W., Gates Rubber Co., Denver, Colo.                         |

### MEDICAL AND SURGICAL RUBBER GOODS INDUSTRY

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|---|--|
| CARLSON, J. STONE, Davidson Rubber Co., Charlestown District, Boston, Mass. | RICHARDSON, W. S. Industrial Products Sales Division, The B. F. Goodrich Co., Akron, Ohio. |
| HERBRUCK, KARL, The Wilson Rubber Co., Canton, Ohio.                        | SCHMID, JULIUS, JR., Julius Schmid, Inc., 423 West Fifty-fifth Street, New York, N. Y.     |
| KILCUP, ERNFST I., Davol Rubber Co., 69 Point Street, Providence R. I.      | STEARNS, W. WARD, Parker, Stearns & Co., 288 Sheffield Avenue, Brooklyn, N. Y.             |
| LANE, F. THATCHER, The Seamless Rubber Co., New Haven Conn.                 | WHIDDEN, RAY A., Bauer & Black, 2500 South Dearborn Street, Chicago, Ill.                  |
| LIMBERT, R. J., Lee Tire & Rubber Co., Conshohocken, Pa.                    |  |
| McINTOSH, W. B., Pyramid Rubber Co., Ravenna, Ohio.                         |  |

### RUBBER INDUSTRY

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| BAKER, C. H., Goodyear Footwear Corporation, 1901 Industrial Trust Building, Providence, R. I. | BUNTING, EARL, O'Sullivan Rubber Co., Winchester, Va. |
| BLOCH, R. E., Mohawk Rubber Co., Akron, Ohio.  | FREEDLANDER, A. L., Dayton Rubber Co., Dayton, Ohio.  |

- GARTHWAITE, A. A., Lee Rubber & Tire Corporation, Conshohocken, Pa.
- HENDRICKSON, F. D., American Hard Rubber Co., 11 Mercer Street, New York, N. Y.
- JONES, FRANK, The Okonite Co., Passaic, N. J.
- JOSEPH, J. F., Cincinnati Rubber Co., Cincinnati, Ohio.
- LANE, THATCHER, Seamless Rubber Co., New Haven, Conn.
- LITCHFIELD, P. W., Goodyear Tire & Rubber Co., Akron, Ohio.
- NEWMAN, J. J., B. F. Goodrich Co., Akron, Ohio.
- O'NEIL, WILLIAM, General Tire & Rubber Co., Akron, Ohio.
- SMITH, HARRY E., Manhattan Rubber Co., Passaic, N. J.
- SMITH, HERBERT E., U. S. Rubber Co., 1230 Sixth Avenue, New York, N. Y.
- THOMAS, J. W., Firestone Tire & Rubber Co., Akron, Ohio.
- VILES, A. L., Rubber Manufacturers Association, 444 Madison Avenue, New York, N. Y.
- WOYTHALER, M. I., Hodgman Rubber Co., Framingham, Mass.

### RUBBER RECLAIMING INDUSTRY

- COE, JOHN P., Naugatuck Chemical Co., 1230 Sixth Avenue, New York, N. Y.
- DINGMON, V. L., Xylos Rubber Co., Akron, Ohio.
- LAURIE, IRVING, Somerset Rubber Reclaiming Works, P. O. Box 307, New Brunswick, N. J.
- PLUMB, LOUIS J., U. S. Rubber Reclaiming Co., 500 Fifth Avenue, New York, N. Y.
- TRAFLLET, FRED E., Pequance Rubber Co., Butler, N. J.
- WELCH, WILLIAM H., Mid-West Rubber Reclaiming Co., East St. Louis, Ill.
- WINKELMANN, DR. H. A., Dryden Rubber Co., 1014 South Kildare Avenue, Chicago, Ill.

### TIRE TECHNICAL INDUSTRY

- BENNER, W. W., Lee Rubber & Tire Corporation, Conshohocken, Pa.
- ELDEN, H. E., Dunlop Tire & Rubber Co., Buffalo, N. Y.
- GRAHAM, T. G., B. F. Goodrich Co., Akron, Ohio.
- JAHANT, C. J., General Tire & Rubber Co., Akron, Ohio.
- MARTIN, LUTHER, U. S. Rubber Co., 6600 E. Jefferson Avenue, Detroit, Mich.
- PITTENGER, T. E., Firestone Tire & Rubber Co., Akron, Ohio.
- SCHRANK, H. P., Seiberling Rubber Co., Akron, Ohio.
- SMITHERS, V. L., V. L. Smithers Laboratories, 2707 Central Tower, Akron, Ohio.
- SOULEN, HARRY, Mansfield Tire & Rubber Co., Mansfield, Ohio.
- WOLFE, W. S., Goodyear Tire & Rubber Co., Akron, Ohio.

### WATERPROOF RUBBER FOOTWEAR INDUSTRY

- BAKER, CHARLES H., Goodyear Footwear Corporation, Providence, R. I.
- BINGHAM, GEORGE H., JR., Cambridge Rubber Co., Cambridge, Mass.
- BULLOCK, HUGH, Tyer Rubber Co., Andover, Mass.
- LARKIN, L. J., LaCrosse Rubber Mills Co., LaCrosse, Wis.

LITTLE, C. E., Servus Rubber Co., Rock Island, Ill.	PETRIK, FRANK, Bata Shoe Co., Belcamp, Md.
MARLOR, H. S., U. S. Rubber Co., 1230 Sixth Avenue, New York, N. Y.	RAND, WILLIAM, Tingley-Reliance Rubber Corporation, Rahway, N. J.
MORSE, HENRY B., Endicott-John- son Corporation, Johnson City, N. Y.	SMITH, W. H., Bristol Mfg. Corpora- tion, Bristol, R. I.
MUNCH, C. L., Hood Rubber Co., Watertown, Mass.	WECHSLER, ALBERT H., Converse Rubber Co., 392 Pearl Street, Malden, Mass.
PARKS, C. M., Goodyear Rubber Co., Middletown, Conn.	

## SAFETY—TECHNICAL EQUIPMENT DIVISION

### DENTAL EQUIPMENT INDUSTRY

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| McDONALD, T. M., Weber Dental Manufacturing Co., Crystal Park, Canton, Ohio. | STEEN, FRED E., S. S. White Dental Manufacturing Co., 211 South Twenty-first Street, Philadelphia, Pa. |
| RIES, E. J., Ritter Co., Inc., 400 West Avenue, Rochester, N. Y.             | WEINSTEIN, LOUIS H., Peerless Appliance Co., 126 Eleventh Avenue, New York, N. Y.                      |

### DENTAL INSTRUMENT AND BUR INDUSTRY

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|--|---|
| BRIESKORN, R. H., Jr., Blue Island Speciality Co., 13050 South Western Avenue, Blue Island, Ill. | RUBIN, DANIEL, Union Dental Instrument Manufacturing Co., 3201 Arch Street, Philadelphia, Pa. |
| IVORY, J. W., J. W. Ivory Co., 310 Sixteenth Street, Philadelphia, Pa.                           | SMITH, LYNN A., Lee S. Smith & Son Manufacturing Co., 7325 Penn Avenue, Pittsburgh, Pa.       |
| KORB, E. O., U. S. Dental Manufacturing Co., 6703 Conrad Avenue, Cleveland, Ohio.                | SMITH, WALTER, Cleveland Dental Manufacturing Co., 3307 Scranton Road, Cleveland, Ohio.       |
| MUNN, P. H., Ranson & Randolph, 324 Chestnut Street, Toledo, Ohio.                               | STEEN, FRED E., S. S. White Co., 211 South Twelfth Street, Philadelphia, Pa.                  |
| ROSENBLUTH, HARVEY, Star Dental Manufacturing Co., 1217 Spring Garden, Philadelphia, Pa.         |   |

### ELECTRIC HEATING PAD MANUFACTURING INDUSTRY

- |   |   |
|---|---|
| BABCOCK, H. M., Battle Creek Equipment Co., Battle Creek, Mich.                         | LUDWIG, L., Eagle Electric Manufacturing Co., Inc., 59 Hall Street, Brooklyn, N. Y. |
| BRADFORD, WILLIAM, The Walker Co., Middleboro, Mass.                                    | MACKENDRICK, DAVID, Glencoe Electric Corporation, New York, N. Y.                   |
| CHURCH, W. G., Jr., Samson-United Corporation, Rochester, N. Y.                         | McCOMSEY, T. H., The Magnecoil Co., Inc., Salt Lake City, Utah.                     |
| FITZGERALD, M. F., The Fitzgerald Manufacturing Co., 700 Main Street, Torrington, Conn. | PARSONS, H. M., Landers Frary & Clark, New Britain, Conn.                           |
| FLANNER, M. E., Norris Electric Manufacturing Co., Paterson, N. J.                      | RUSH, ORVILLE F., Vit-O-Net, Inc., Washington, D. C.                                |
| KNAPP, A. S., Knapp Monarch Co., St. Louis, Mo.   | RUSSELL, EDWARD P., Northern Electric Co., Chicago, Ill.                            |
| LANE, F. THATCHER, Seamless Rubber Co., New Haven, Conn.                                |   |

SAMUELS, A. O., Caso Products Corporation, Bridgeport, Conn.

SILVERMAN, MILTON, Varick Electric Manufacturing Co., Inc., 10 Washington Avenue, New York, N. Y.

SIMON, WILLIAM, Lobl Manufacturing Co., Middleboro, Mass.

STILES, H. L., General Electric Co., Bridgeport, Conn.

UNDERWOOD, JOHN A., Manning-Bowman & Co., Meriden, Conn.

NEWELL, GEORGE T., Jr., George T. Newell, Inc., Burlington, N. J.

WRIGHT, H. C., Chicago Flexible Shaft Co., Chicago, Ill.

### ENGINEERS EQUIPMENT MANUFACTURING INDUSTRY

BRUNING, P. J., Charles Bruning Co., 102 Reade Street, New York, N. Y.

CHARVOS, A. Charvos, Inc., 108 Hackensack Avenue, East Rutherford, N. J.

DAY, C. I., W. & L. E. Gurley, 514 Fulton Street, Troy, N. Y.

KELLER, K., Keuffel & Esser Co., 300 Adams Street, Hoboken, N. J.

LANGENER, ADOLPH, Eugene Dietzgen Co., 218 East Twenty-third Street, New York, N. Y.

LORD, T., C. F. Pease Co., 2601 W. Irving Park Road, Chicago, Ill.

SALZER, L. S., David White Co., Inc., 315 West Fourth Street, Milwaukee, Wis.

VICKERY, J. M., Bostrom-Brady Manufacturing Co., Stonewall & Bailey Streets, Atlanta, Ga.

ZIELER, H. W., The E. Lietz Co., 632 Commercial Street, San Francisco, Calif.

### FIRE EXTINGUISHER INDUSTRY

ARNOLD, H. G., International Fire Equipment Corporation, West New Brighton, Staten Island, N. Y.

FREYGANG, W. H., Walter Kidde & Co., Inc., New York, N. Y.

IDDINGS, R. C., The Fyr Fyter Co., Dayton, Ohio.

O'NEILL, E. E., American LaFranc Foamite Corporation, Elmira, N. Y.

WARING, E. J., Pyrene Manufacturing Co., Newark, N. J.

STEPHENS, CHAS. H., Buffalo Fire Appliance Co., Buffalo, N. Y.

### FIRE HOSE COUPLING MANUFACTURING INDUSTRY

MENG, HENRY E., W. D. Allen Manufacturing Co., 566-570 West Lake Street, Chicago, Ill.

LOVE, J. M., Akron Brass Manufacturing Co. Inc., Wooster, Ohio.

SANDERS, W. W., Boston Woven Hose & Rubber Co., Cambridge, Mass.

REININGER, C. F., Powhattan Brass & Iron Works, Ranson, W. Va.

### FIRE PUMP MANUFACTURING INDUSTRY

DOWD, WILLIAM C., Dayton-Dowd Co., Quincy, Ill.

HARRIS, CARL C., Hunt Rodney Machine Co., Orange, Mass.

JENKINS, E. M., American-Marsh Pumps, Inc., Battle Creek, Mich.

SIMS, WILLIAM K., La Bour Co., Inc., Elkhart, Ind.

WENDELL, E. J., Hale Fire Pump Co., Conshohocken, Pa.

## FIRE SPRINKLER INDUSTRY

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|---|--|
| CROWDER, A. B., Crowder Brothers, Inc., St. Louis, Mo.                        | HODGMAN, W. K., Jr., Hodgman Manufacturing Co., Taunton, Mass. |
| FEE, FRANK J., Jr., Reliable Automatic Sprinkler Co., Inc., Mt. Vernon, N. Y. | KNIGHT, I. W., Grinnell Co., Inc., Providence, R. I.           |

## HEARING AID MANUFACTURING INDUSTRY

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|---|--|
| BABBITT, DEAN, Sonotone Corporation, Elmsford, N. Y.                              | OSSERMAN, STANLEY, Dictograph Sales Corporation, 580 Fifth Avenue, New York, N. Y.               |
| COLLINS, L. H., Penn-Cliff Service Co., 1802 North Charles Street, Baltimore, Md. | PENN, W. D., Vacolite Co., 3003 North Henderson, Dallas, Tex.                                    |
| HEMPEL, ALLEN, Telex Products Co., Minneapolis, Minn.                             | RING, FRED, Mears Radio Hearing Device Corporation, 1 West Thirty-fourth Street, New York, N. Y. |
| HULL, DENISON B., Otarion, Inc., 448 North Wells Street, Chicago, Ill.            | ROBERTS, JAMES, C. L. Hofmann Corporation, 436 Boulevard of the Allies, Pittsburgh, Pa.          |
| McMULLEN, F. C., Western Electric Co., 120 Broadway, New York, N. Y.              | WONDERS, FRED J., Paraphone Hearing Aid, Inc., 4300 Euclid Avenue, Cleveland, Ohio.              |
| MYERS, E. J., E. A. Myers & Sons, 306 Beverly Road, Pittsburgh, Pa.               |  |

## HOSPITAL STERILIZER INDUSTRY

- |  |  |
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| BUNZL, WALTER G., Prometheus Electric Corporation, 401 West Thirteenth Street, New York, N. Y. | PELTON, C. R., Pelton & Crane Co., Detroit, Mich.  |
| CASTLE, W. C., Wilmot Castle Co., Rochester, N. Y.   | YAHN, WALTER S., American Sterilizer Co., Erie, Pa.  |
| LUNENSCHLOSS, L. L., Scanlan Morris Co., Madison, Wis.   | WATTERS, DR. L. L., Hospital Supply Co., 155-159 East Twenty-third Street, New York, N. Y. |

## INDUSTRIAL SAFETY EQUIPMENT MANUFACTURING INDUSTRY

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|---|---|
| DICKSON, L. E., Standard Safety Equipment Co., 232 West Ontario Street, Chicago, Ill. | LIAUTAUD, J., Chicago Eye Shield Co., 2300 Warren Boulevard, Chicago, Ill.                |
| GALLOWAY, CHARLES, American Optical Co., Southbridge, Mass.                           | RYAN, J. T., JR., Mine Safety Appliances Co., Braddock and Meade Streets, Pittsburgh, Pa. |
| GLIDDEN, G. M., E. D. Bullard Co., 275 Eighth Avenue, San Francisco, Calif.           | JOHNSON, THOMAS, Welsh Manufacturing Co., 54 Troy Street, Providence, R. I.               |
| HANSEN, J. E., Bausch and Lomb Optical Co., 719 St. Paul Street, Rochester, N. Y.     | WILLSON, THOMAS, Willson Products, Inc., Reading, Pa.                                     |

## MOTORIZED FIRE APPARATUS INDUSTRY

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| ANDERSON, H. J., American-Marsh Pumps, Inc., Battle Creek, Mich. | SPAIN, H. B., The Seagrave Corporation, Columbus, Ohio.     |
| MAXIM, E. L., Maxim Motor Co., Middleboro, Mass.                 | WENDELL, E. J., Hale Fire Pump Co., Inc., Conshohocken, Pa. |
| PIRSCH, WM., Peter Pirsch & Sons Co., Kenosha, Wis.              |   |

## OPERATING ROOM FURNITURE INDUSTRY

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|---|---|
| ENOCHS, W. R., Enochs Manufacturing Co., Indianapolis, Ind.                           | MESSENGER, T. I., American Sterilizer Co., Erie, Pa.                            |
| FRIEDRICH, W. A., Hamilton Mfg. Co., 1427 I Street NW, Washington, D. C.              | MINER, J. A., American Metal Furniture Co., Indianapolis, Ind.                  |
| HOSPITAL SUPPLY CO., 155 East Twenty-third Street, New York, N.Y.                     | ROEHM, E. W., W. D. Allison Co., Indianapolis, Ind.                             |
| KAZDIN, FRANK W., Brooklyn Hospital Equipment Co., 419 Fourth Avenue, New York, N. Y. | SCHMIDT, R. W., Max Wocher and Son Co., 29 West Sixth Street, Cincinnati, Ohio. |
| LUNENSCHLOSS, L. L., Scanlan-Morris Co., Madison, Wis.                                | SHAMPAINE, H. R., Shampaine Co., Dolman and Park Avenue, St. Louis, Mo.         |

## PROTECTIVE SHOE INDUSTRY

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|---|---|
| BERGMAN, G. E., Reece Wooden Sole Shoe Co., Columbus, Nebr. | MENSE, C. M., Lehigh Safety Shoe Co., Allentown, Pa.                |
| GIMBLETT, J. H., International Shoe Co., St. Louis, Mo.     | ROWE, W. V., Brown Shoe Co., 1604 Washington Avenue, St. Louis, Mo. |
| LITTLE, C. E., Servus Rubber Co., Rock Island, Ill.         | WILLIAMS, ARTHUR A., Goodwill Shoe Co., Hollister, Mass.            |

## SANITARY NAPKIN INDUSTRY

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|---|---|
| BARNHARDT, JAMES H., Carolina Absorbent Cotton Co., Charlotte, N. C.                            | MARTENS, WILLIAM C., Personal Products Corporation, Milltown, N. J.                         |
| DONOVAN, N. J., The Sioux Co., Inc., 468 Fourth Avenue, New York, N. Y.                         | MEDOFF, WILLIAM, National Celulose Corporation, 366 Fifth Avenue, New York, N. Y.           |
| HIGGINS, R. R., The Kendall Co., Walpole, Mass.   | PAIN, CHARLES E., JR., Will Ross, Inc., Milwaukee, Wis.                                     |
| JACKSON, GEORGE W., Acme Cotton Products, Inc., 245 Fifth Avenue, New York, N. Y.               | SCHARF, A. L., Sanitary Products & Paper Co., 122 East Forty-second Street, New York, N. Y. |
| JOST, HENRY A., International Celulocotton Products Co., 919 North Michigan Ave., Chicago, Ill. | SCHILLING, W. C., Diana Mfg. Co., Green Bay, Wis.   |
| KATZ, E., San-Nap-Pak Co., Inc., 1440 Broadway, New York, N. Y.                                 | SMITH, N. L., Chicopee Mfg. Corporation, New Brunswick, N. J.                               |

## SURGICAL INSTRUMENT INDUSTRY

- KEININGER, H. O., Schnefel Bros. Corporation, 682 South Seventeenth Street, Newark, N. J.
- KINSLEY, M. E., Oneida, Ltd., Oneida, N. Y.
- LANE, FRANK, Ideal Instrument & Mfg. Co., 223 South Koyne Avenue, Chicago, Ill.
- LANGBEIN WM. & BROS., 159 Willoughby Street, Brooklyn, N. Y.
- O'CONNOR, JOSEPH, The Acme Shear Co., 100 Hicks Street, Bridgeport, Conn.
- PFINGST, A., A. Pfingst Co., 62 Cooper Square, New York, N. Y.
- PILLING GEO. P., & SON, CO., Twenty-third and Arch Streets, Philadelphia, Pa.
- SCHLESINGER, K., Rex Cutlery Corporation, 16-34 Cordier St., Irvington, N. J.
- SOVATKIN, E. J., J. Sklar Mfg. Co., 38-04 Woodside Avenue, Long Island City, N. Y.
- VAUGHAN, J. H., Penn. Surgical Mfg. Co., 1409 North Eighth Street, Philadelphia, Pa.
- WALLERICK, G. W., V. Mueller & Co., 408 South Honore Street, Chicago, Ill.
- WITTIMER, L. M., Fred Haslam & Co., Inc., 783 Pulaski Street, Brooklyn, N. Y.

## X-RAY INDUSTRY

- ALBERT, ARTHUR, Standard X-Ray Co., 1932 North Burling, Chicago, Ill.
- CANFIELD, L. D., Westinghouse X-Ray Division, Westinghouse Electric Manufacturing Co., Long Island City, N. Y.
- FEIBEL, A. H., Kelley Koett Manufacturing Co., Inc., Covington, Ky.
- KENDRICK, W. S., General Electric X-Ray Corporation, 2012 West Jackson Boulevard, Chicago, Ill.
- MACHLETT, R. R., Machlett Laboratories, Inc., Springdale, Conn.
- PICKER, JAMES, PICKER X-Ray Corporation, 300 Fourth Avenue, New York, N. Y.
- AGGERS, C. V., Westinghouse Electric & Manufacturing Co., Baltimore, Md.
- BRENDECKE, W. A., F. Mattern Manufacturing Co., 4647 North Cicero Street, Chicago, Ill.

## SERVICE EQUIPMENT DIVISION

### CALCULATING MACHINE MANUFACTURING INDUSTRY

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| BRITTEN, E. F., Jr., Monroe Calculating Machine Co., Orange, N. J.         | JESSUP, EDGAR B., Marchant Calculating Machine Co., Inc., Oakland, Calif. |
| COLEMAN, JOHN S., Burroughs Adding Machine Co., Detroit, Mich.             | KOCH, RAYMOND J., Felt & Tarrant Manufacturing Co., Chicago, Ill.         |
| FRIDEN, CARL M., Friden Calculating Machine Co., Inc., San Leandro, Calif. | SNYDER, M. T., Allen Calculators, Inc., Grand Rapids, Mich.               |
| HICKS, H. A., Remington Rand, Inc., Buffalo, N. Y.                         |   |

### COMMERCIAL LAUNDRY AND DRY CLEANING MACHINERY INDUSTRY

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| BRAUN, A. R., The Prosperity Co., Inc., 2181 Erie Boulevard, East Syracuse, N. Y.          | KOPLIN, LOUIS, U. S. Hoffman Machinery Corporation, 105 Fourth Avenue, New York, N. Y.                        |
| CISSELL, W. M., W. M. Cissell Manufacturing Co., 831 South First Street, Louisville, Ky.   | MATTHEWS, A., The American Laundry Machinery Co., Cincinnati, Ohio.   |
| ELLIS, HUBERT C., The Ellis Drier Co., 2444 North Crawford Avenue, Chicago, Ill.           | PATTEN, A. R., Patten Brothers, Inc., Liberty Street, Fall River, Mass.                                       |
| HARLAN, H. H., American Machine & Metals, Inc., 1333 G Street Northwest, Washington, D. C. | SMITH, LEONARD S., JR., The National Marking Machine Co., 4026-30 Cherry Street, Northside, Cincinnati, Ohio. |

### DOMESTIC WASHING MACHINES INDUSTRY

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| FRANTZ, C. G., Apex Electrical Manufacturing Co., Cleveland, Ohio. | NELSON, J. C., Easy Washing Machine Corporation, Syracuse, N. Y.                |
| GALLAGHER, W. N., Automatic Washer Co., Newton, Iowa.              | UMBREIT, G. M., The Maytag Co., Newton, Iowa.                                   |
| HANK, B. C., Conlon Corporation, Chicago, Ill.                     | WICHT, J. M., Washing Machine Division, General Electric Co., Bridgeport, Conn. |
| MERRITT, I. N., The Meadows Corporation, Chicago, Ill.             |   |

### FLOOR SURFACING AND MAINTENANCE MACHINERY INDUSTRY

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| COOPER, ERNEST, Clarke Sanding Machine Co., Muskegon, Mich.                                    | FINNELL, L. C., Finnell System, Inc., 515 East Street, Elkhart, Ind.          |
| CREW, W. B., American Floor Surfacing Machine Co., 518 South Saint Clair Street, Toledo, Ohio. | HALE, LLOYD, G. H. Tennant Co., 2530 Second Street, North, Minneapolis, Minn. |

HARRIS, ROBERT E., Modern Floors Manufacturing Co., Inc., 2418 Eighteenth Street, Northwest, Washington, D. C.  
HILD, FRED C., Hild Floor Machine Co., 1313 West Randolph Street, Chicago, Ill.

HOLT, W. E., Holt Manufacturing Co. 255 Twelfth Street, Oakland, Calif.  
JOHNSON, R. F., H. F. Staples & Co., Inc., 33 Ship Avenue, Midford, Mass.  
KENT, GORDON E., The Kent Co., 105 Canal Street, Rome, N. Y.

### INDUSTRIAL VACUUM CLEANERS INDUSTRY

DOYLE, DEWEY I., Doyle Vacuum Cleaner Co., 225 Stevens Street, South West, Grand Rapids, Mich.  
GOUGHNOUR, W. C., Airovac Co., Warren Street, York, Pa.  
KENT, GORDON E., Kent Co., Inc. 105 Canal Street, Rome, N. Y.

LIESSMAN, R. H., Invincible Vacuum Cleaner Co., Dover, Ohio.  
MORGAN, J. R., American Vacuum Cleaner Co., 818-20 South Michigan Avenue, Chicago, Ill.

### MOTION PICTURES AND SPEAKING STAGE THEATRES INDUSTRY

BARRON, CARTER, Loew's Capitol Theatre, Washington, D. C.  
BEISMAN, PAUL, American Theatre, 619 Market Street, St. Louis, Mo.  
BERNHARD, JOSEPH, Warner Brothers Pictures, Inc., 321 West Forty-fourth Street, New York, N. Y.  
CARSKADON, NEWTON B., Music Hall Theatre, Keyser, W. Va.  
CROCKETT, WILLIAM F., M. P. T. O. of Virginia, Inc., Bayne Theatre, Virginia Beach, Va.  
EYSELL, GUS S., Radio City Music Hall, Rockefeller Center, New York, N. Y.  
EZELL, CLAUDE C., 2009 Jackson Street, Dallas, Tex.  
FABIAN, SIMON H., Fabian Theatres Corporation, 1501 Broadway, New York, N. Y.

GORMAN, THOMAS F., R. K. O. Palace Theatre, 134 North La Salle Street, Chicago, Ill.  
KUYKENDALL, E., Motion Picture Theatre Owners of America, Princess Theatre Building, Columbus, Miss.  
LOCKWOOD, ARTHUR H., Lockwood and Gordon Enterprises, Inc., 260 Tremont Street, Boston, Mass.  
LOTITO, LOUIS A., The Martin-Beck Theatre, 302 West Forty-fifth Street, New York, N. Y.  
POOLE, ROBERT H., Pacific Coast Conference of Theatre Owners, 1914 South Vermont Street, Los Angeles, Calif.  
ROSENBERG, M. A., Allied States Association of Motion Pictures Exhibitors, 84 Van Braam Street, Pittsburgh, Pa.  
SAMS, A. FULLER, JR., Statesville Theatre Corporation, Box 1066, Statesville, N. C.

### OFFICE MACHINERY INDUSTRY

ALLYN, STANLEY G., National Cash Register Co., Dayton, Ohio.  
BERNART, W. F., JR., Pitney-Bowes Postage Motor Co., 1017 Pacific Street, Stamford, Conn.

BRENN, CARL W., Autographic Register Co., Hoboken, N. J.  
BRITT, LAWRENCE V., Burroughs Adding Machine Co., Britt & Cleveland Streets, Detroit, Mich.

COXHEAD, RALPH C., Ralph C. Coxhead Corporation, 333 Sixth Avenue, New York, N. Y.	RIPPEY, HARLAND W., Bircher Co., Inc., 615 Tower Building, Rochester, N. Y.
ELLIOTT, HARMON P., Elliott Addressing Machine Co., 143 Albany Street, Cambridge, Mass.	SANDS, MERRILL B., Dictaphone Corporation, Graybar Building, New York, N. Y.
FRIDEN, CARL M., Friden Calculating Co., Inc., San Leandro, Calif.	SHERAS, NORMAN, A. D. Joslin Manufacturing Co., 123 Lake Drive, Manistee, Mich.
HIRSHBERG, T. B., JR., Check-O-Meter Sales Co., 754 Lexington Avenue, Chicago, Ill.	WATKINS, C. G., Simplex Time Recorder Co., Gardner, Mass.
ROBINSON, THEODORE W., JR., Ditto, Inc., Harrison Street and Oakley Boulevard, Chicago, Ill.	WATSON, THOMAS J., International Business' Machines Corporation, 590 Madison Avenue, New York, N. Y.

### SCALES AND BALANCES INDUSTRY

BREARLEY, W. E., The Brearley Co., Rockford, Ill.	HANSSEN, S. L., Hanson Scale Co., 525 North Ada Street, Chicago, Ill.
CHATILLON, GEORGE E., John Chatillon & Sons, 85-93 Cliff Street, New York, N. Y.	LYONS, ALBERT N., The Howe Scale Co., 2941 Scale Avenue, Rutland, Vt.
CLAYSON, G. S., Wm. Ainsworth & Sons, Inc., 2151 Lawrence Street, Denver, Colo.	MCKIBBEN, J. P., Winslow Government Standard Scale Works, 1939 Brennan Street, Terre Haute, Ind.
FARWELL, JOHN V., III, Sanitary Scale Co., 664 North Michigan Avenue, Chicago, Ill.	NEFF, K. R., The Exact Weight Scale Co., 17 West Fifth Avenue, Columbus, Ohio.
FINK, WALTER A., Toledo Scale Co., 1007 Telegraph Avenue, Toledo, Ohio.	OLSEN, A. W., The Torsion Balance Co., Christian Becker, Inc., 92 Reade Street, New York, N. Y.
HAMMERMAN, D. S., Detecto Scales, Incorporated, 1 Main Street, Brooklyn, N. Y.	WATSON, O. H., Sowweigh Scale Co., Delavan, Ill.

### TYPEWRITER MANUFACTURING INDUSTRY

DAVIDSON, V. H., L. C. Smith & Corona Typewriters, Incorporated, 701 East Washington Street, Syracuse, N. Y.	REUTHER, BERNARD O., Remington Rand, Incorporated, Remington Rand Building, 465 Washington Street, Buffalo, N. Y.
MILLER, M. V., Royal Typewriter Co., 2 Park Avenue, New York, N. Y.	SEARS, RICHARD W., II, Woodstock Typewriter Co., Tower Building, Woodstock, Ill.
NICHOL, MAJOR F. W., International Business Machines Corporation, 590 Madison Avenue, New York, N. Y.	STOWELL, L. C., Underwood Elliott Fisher Co., 1 Park Avenue, New York, N. Y.

## SHIPBUILDING DIVISION

### SAFETY AND RELIEF VALVE INDUSTRY

- |   |   |
|---|---|
| BURRAGE, CHARLES, Lunkenheimer Co., Cincinnati, Ohio.                   | LAIRD, C. F., The Crane Co., 836 South Michigan Avenue, Chicago, Ill. |
| BUTTERFIELD, CHESTER H. Manning, Maxwell & Moore Co., Bridgeport, Conn. | McCORMICK, DOUGLAS, Security Valve Co., Los Angeles, Calif.           |
| CAVANAUGH, J. P., J. E. Lonergan Co., Philadelphia, Pa.                 | MORTON, HENRY I., Star Brass Manufacturing Co., Boston, Mass.         |
| FELKER, GEORGE F., Crosby Steam Gauge and Valve Co., Boston, Mass.      | NICKERSON, H. B., The Ashton Valve Co., Cambridge, Mass.              |

### TURBINES AND GEARS INDUSTRY

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| BELANGER, J. W., General Electric Co., Schenectady, N. Y.          | NEWBURY, F. D., Westinghouse Electric & Manufacturing Co., 306 Fourth Avenue, East Pittsburgh, Pa. |
| BURKHART, F. E., Bethlehem Steel Co., Quincy, Mass.                | SCHNEIDER, W. L. Falk Corporation, 3027 West Canal Street, Milwaukee, Wis.                         |
| GROTHAUS, L. W., Allis Chalmers Manufacturing Co., Milwaukee, Wis. | WATSON, H. L. DeLaval Steam Turbine Co., Trenton, N. J.  |
| KUHNS, AUSTIN, Farrel-Birmingham Co., Inc., Buffalo, N. Y.         |  |

### VALVE AND FITTINGS INDUSTRY

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| BARBER, S. L., Taylor Forge & Pipe Works, P. O. Box 485, Chicago, Ill.             | GANG, O. F., 50 Church Street, The Wm. Powell Co., New York, N. Y.                      |
| BIGELOW, C. S., Milwaukee Valve Co., Milwaukee, Wis.                               | HOLTON, W. B., JR., Walworth Co., Inc., 60 East Forty-second Street, New York, N. Y.    |
| BURRAGE, CHARLES W., The Lukenheimer Co., Box 360 Annex Station, Cincinnati, Ohio. | HOUGH, M. L., Darling Valve Co., Williamsport, Pa.                                      |
| COCHRAN, ERNEST, Chapman Valve Manufacturing Co., Indian Orchard, Mass.            | KENNEDY, M. E., Kennedy Valve Manufacturing Co., Elmira, N. Y.                          |
| CRAWFORD, W. E., The Edward Valve & Manufacturing Co., Inc., East Chicago, Ind.    | LEE, BERNARD, J., SR., Jenkins Brothers, Bridgeport, Conn.                              |
| DAEUBLE, G. A., Henry Vogt Machine Co., Louisville, Ky.                            | NAYLOR, GEORGE M., The Fairbanks Co., 393 Lafayette Street, New York, N. Y.             |
| FERGUSON, J. P., Reading-Pratt & Cady Co., Inc., Reading, Pa.                      | O'BRIEN, R. L., Detroit Brass and Malleable Works, 100 Campbell Avenue, Detroit, Mich.  |
| FRITSCH, R. E., Tube-Turn Co., Inc., Louisville, Ky.                               | PALMER, M. S., Hancock Valve Division, Manning Maxwell & Moore, Inc., Bridgeport, Conn. |

PAPE, W. H., Valve & Fitting Department, The Crane Co., 836 South Michigan Avenue, Chicago, Ill.

POWELL, GUY O., The Scott Valve Manufacturing Co., 3963 McKinley Avenue, Detroit, Mich.

SEYMOUR, LESTER D., Pittsburgh Valve and Fittings Corporation, Barberton, Ohio.

SWANEY, W. G., Kerotest Manufacturing Co., 2525 Liberty Avenue, Pittsburgh, Pa.

YORK, A. G., Watson-Stillman Co., 109 Aldene Road, Roselle, N. J.

YOUNG, WAYNE, Ohio Injector Co., Wadsworth, Ohio.

## STEEL DIVISION

### ALLOY BARS AND SEMI-FINISHED STEEL INDUSTRY

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| CLARKE, N. J., Republic Steel Corporation, Cleveland, Ohio.        | SEIDENBECKER, O. F., Wisconsin Steel Co., Chicago, Ill. |
| GIBBONS, F. L., Carnegie-Illinois Steel Corporation, Chicago, Ill. | TUCKER, R. S., Bethlehem Steel Co., Bethlehem, Pa.      |
| MOORE, W. B., The Timken Roller Bearing Co., Canton, Ohio.         | WILLIAMS, S. D., Copperweld Steel Co., Warren, Ohio.    |

### CARBON BARS AND SEMI-FINISHED STEEL INDUSTRY

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| ADAMS, AVERY, United States Steel Corporation, Pittsburgh, Pa. | OBRIEN, M. E., Inland Steel Co., Chicago, Ill.                       |
| BROWN, E. M., Atlantic Steel Co., Atlanta, Ga.                 | ROBINSON, J. W., Jones & Laughlin Steel Corporation, Pittsburgh, Pa. |
| HULL, R. W., Republic Steel Corporation, Cleveland, Ohio.      | STEUER, L. R., Bethlehem Steel Co., Bethlehem, Pa.                   |

### COBALT INDUSTRY

- |  |  |
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| CLAWSON, C. D., Ferro Enamel Corporation, Cleveland, Ohio.                           | LOUDEN, ROBERT, McGean Chemical Co., Republic Building, Cleveland, Ohio.                   |
| HALL, O. J., Harshaw Chemical Co., 1945 East Ninety-seventh Street, Cleveland, Ohio. | GREENWALD, TAYLOR C., Hilton-Davis Chemical Co., 2235 Langdon Farm Road, Cincinnati, Ohio. |
| HILL, C. T., Pyrites Company, Inc., Wilmington, Del.                                 | SHEPHERD, LEE, Shepherd Chemical Co., Cincinnati, Ohio.                                    |
| HOMMEL, E. M., O. Hommel Co., 209-213 Fourth Avenue, Pittsburgh, Pa.                 | WENNING, W. F., Ceramic Color & Chemical Co., New Brighton, Pa.                            |
| LEROY, J., African Metals Corporation, 25 Broadway, New York, N. Y.                  |  |

### COLD FINISHED BARS INDUSTRY

- |   |   |
|---|---|
| FITZSIMONS, R. E., The Fitzsimons Co., Youngstown, Ohio.          | PARSONS, L. M., Jones and Laughlin Steel Corporation, Pittsburgh, Pa. |
| HOWELL, W. R., Bliss and Laughlin, Inc., Harvey, Ill.             | SOMERS, J. T., Wyckoff Drawn Steel Co., Pittsburgh, Pa.               |
| MANVILLE, TRACY, Columbia Steel and Shafting Co., Pittsburgh, Pa. | YOUNG, F. C., Republic Steel Corporation, Massillon, Ohio.            |

## FERROCHROMIUM PRODUCERS INDUSTRY

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| COLBERT, CHARLES F., Jr., Pittsburgh Metallurgical Co., Niagara Falls, N. Y.             | MILLER, WARD A., Vanadium Corporation of America, 420 Lexington Avenue, New York, N. Y. |
| CRITCHETT, J. H., Electrometallurgical Co., 30 East Forty-second Street, New York, N. Y. | PRITZ, L. G., Ohio Ferro-Alloys Corporation, Canton, Ohio.                              |

## FERROMANGANESE PRODUCERS INDUSTRY

- |  |   |
|--|---|
| CRITCHETT, J. H., Electro Metallurgical Co., Carbide & Carbon Building, 30 East Forty-second Street, New York, N. Y. | McFARLIN, CARL, Tennessee Products Corporation, American National Bank Building, Nashville, Tenn. |
| HARPER, A. M., Carnegie Illinois Steel Corporation, 436 Seventh Avenue, Pittsburgh, Pa.                              | MITCHELL, HARBOUR, E. J. Lavino & Co., 1528 Walnut Street, Philadelphia, Pa.                      |
| HOLTON, CHARLES R., Bethlehem Steel Corporation, Bethlehem, Pa.  | MORROW, HUGH, Sloss Sheffield Steel & Iron Co., Birmingham, Ala.                                  |

## FERROSILICON PRODUCERS INDUSTRY

- |  |   |
|--|---|
| CALHOUN, CHAD F., Permanente Metals Corporation, 1210 Eighteenth Street Northwest, Washington, D. C. | KREUSI, PAUL J., Southern Ferro-Alloys Co., Chestnut at Twenty-first Street, Chattanooga, Tenn. |
| COLBERT, CHARLES F., Jr., Pittsburgh Metallurgical Co., Niagara Falls, N. Y.                         | MILLER, WARD A., Vanadium Corporation of America, 420 Lexington Avenue, New York, N. Y.         |
| CRITCHETT, J. H., Electro Metallurgical Co., 30 East Forty-second Street, New York, N. Y.            | STARR, GEORGE W., Ohio Ferro-Alloys Corporation, 100 Citizens Building, Canton, Ohio.           |
|  | WEISSENBURGER, G. L., Keokuk Electro-Metals Co., Keokuk, Iowa                                   |

## FORGINGS AND ARMOR PLATE INDUSTRY

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| COONEY, R. B., Carnegie-Illinois Steel Corporation, Pittsburgh, Pa.         | LANG, EMIL H., Erie Forge Co., Erie, Pa.                         |
| FINKL, WILLIAM, A. Finkl and Sons Co., 2011 Southport Avenue, Chicago, Ill. | WEAVER, H. F., Bethlehem Steel Co., Bethlehem, Pa.               |
| HEPPENSTALL, R. B., Heppenstall Co., 4620 Hatfield Street, Pittsburgh, Pa.  | ZIESLING, HENRY H., The Midvale Co., Nicetown, Philadelphia, Pa. |

## GENERAL STEEL WAREHOUSE INDUSTRY

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| ALDOUS, E. E., Scully Steel Products Co., 1319 Wabansia Avenue, Chicago, Ill. | BIBLE, GUY P., Horace T. Potts Co., Philadelphia, Pa. |
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BRION, LESTER, Peter A. Frasse & Co., 17 Grand Street, New York, N. Y.

CASTLE, A. C., A. M. Castle & Co., 1132 Blackhawk Street, Chicago, Ill.

DOXSEY, W. S., American Steel Warehouse Association, 442 Terminal Tower, Cleveland, Ohio.

FRIEDMAN, SOL, Reliance Steel Corporation, 1170 Ivanhoe Road, Cleveland, Ohio.

GRAFF, EVERETT D., Jessie T. Ryerson & Sons, 2558 West Sixteenth Street, Chicago, Ill.

JORGENSEN, EARLE M., Earle M. Jorgensen Co., 10510 South Alameda Street, Los Angeles, Calif.

KURTZ, W., Peninsular Steel Co., 2222 Lakeside Avenue, Cleveland, Ohio.

LEWIS, RICHMOND, Charles C. Lewis Co., 401 Liberty Street, Springfield, Mass.

PATTERSON, N. R., Patterson Steel Co., Tulsa, Okla.

PEEBLES, J. L., Peden Iron & Steel Co., Houston, Tex.

## IRON AND STEEL INDUSTRY

DETWILER, W. F., Allegheny Ludlum Steel Corporation, Pittsburgh, Pa.

FAIRLESS, B. F., U. S. Steel Corporation, 71 Broadway, New York, N. Y.

FROST, FRANK R., Superior Steel Corporation, 3112 Grant Building, Pittsburgh, Pa.

GIRDLER, T. M., Republic Steel Corporation, Republic Building, Cleveland, Ohio.

GRACE, E. G., Bethlehem Steel Co., Bethlehem, Pa.

HOOK, CHARLES R., The American Rolling Mill Co., Middletown, Ohio.

HOYT, ELTON, Pickhads Mather & Co., Union Commerce Building, Cleveland, Ohio.

LEWIS, H. EDGAR, Jones & Laughlin Steel Corporation, Pittsburgh, Pa.

NIEDRINGHAUS, HAYWARD, City Steel Co., Twentieth and Madison Avenue, Granite City, Ill.

PURNELL, FRANK, Youngstown Sheet & Tube Co., Stambaugh Building, Youngstown, Ohio.

ROEMER, HENRY A., Pittsburgh Steel Co., 1600 Grant Building, Pittsburgh, Pa.

RYERSON, E. L., JR., Inland Steel Co., 38 South Dearborn Street, Chicago, Ill.

TOWER, W. S., American Iron & Steel Institute, 350 Fifth Avenue, New York, N. Y.

WEIR, ERNEST T., National Steel Corporation, 2800 Grant Building, Pittsburgh, Pa.

WOLCOTT, ROBERT W., Lukens Steel Co., South First Avenue, Coatesville, Pa.

## IRON AND STEEL TRANSPORTATION INDUSTRY

CRAWFORD, H. C., Bethlehem Steel Co., 701 East Third Street, Bethlehem, Pa.

DORENBUSCH, E. H., American Rolling Mill Co., Middletown, Ohio.

FLYNN, R. R., Inland Steel Co., 38 South Dearborn Street, Chicago, Ill.

FOWLER, W. E., Youngstown Sheet & Tube Co., Stambaugh Building, Youngstown, Ohio.

GOTTSCHALK, CLEM W., Jones & Laughlin Steel Corporation, Third Avenue and Ross Streets, Pittsburgh, Pa.

JEPSON, EDWIN C., Wheeling Steel Corporation, Wheeling, W. Va.

KEAS, R. K., Laclede Steel Co., Arcade Building, St. Louis, Mo.

McBRIDE, C. F., Pittsburgh Steel Co., Pittsburgh, Pa.

MORRIS, W. F., Jr., Weirton Steel Co., 2800 Grant Building, Pittsburgh, Pa.	RHODEHOUSE, H. D., Republic Steel Corporation, Republic Building, Cleveland, Ohio.
PRATT, H. H., Crucible Steel Co., 405 Lexington Avenue, New York, N. Y.	TRUST, C. W., United States Steel Corporation, 965 Frick Annex, Pittsburgh, Pa.

### MERCHANT TRADE STEEL PRODUCTS INDUSTRY

ALLISON, HENRY J., Glasgow-Allison Co., Charlotte, N. C.	HIGINBOTHAN, N. J., W. A. Case & Son Manufacturing Co., Buffalo, N. Y.
BAKER, WAKEFIELD, Baker-Hamilton & Pacific Co., San Francisco, Calif.	HINKLE, STACY C., The Mine & Smelter Supply Co., 1422 Seventeenth Street, Denver, Colo.
BECKER, A. J., Ohio Valley Hardware and Roofing Co., Evansville, Ind.	HOEYNCK, HENRY A., Shapleigh Hardware Co., St. Louis, Mo.
DENISON, M. W., Braman-Dow & Co., Boston, Mass.	IGOE, CHARLES, Igoe Brothers, Brooklyn, N. Y.
FERNLEY, THOMAS A., Jr., National Wholesale Hardware Association, 505 Arch Street, Philadelphia, Pa.	MOORE, LUCIEN W., Crane Co., Chicago, Ill.
FRENCH, WILLIAM, Sr., Moore-Handley Hardware Co., Birmingham, Ala.	RANKIN, A. C., Teague Hardware Co., Montgomery, Ala.

### MOLYBDENUM AND TUNGSTEN WIRE AND ROD INDUSTRY

BISHOP, FRANK, General Electric Co., Nela Park, Cleveland, Ohio.	MANSFIELD, WILLIAM E., Cleveland Tungsten Corporation, Cleveland, Ohio.
BOESSENKOOK, H. W., North American Philips Co., Lewiston, Maine.	RUOTOLO, D., Sirian Wire & Contact Co., 260 Sherman Avenue, Newark, N. J.
BROADBENT, H. S., Westinghouse Electric & Manufacturing Co., Bloomfield, N. J.	WHEELER, G. C., Callite Corporation, 540 Thirty-fifth Street, Union City, N. J.
DOWE, A. J., Fansteel Metallurgical Corporation, North Chicago, Ill.	

### PIG IRON INDUSTRY

BERG, H. A., Woodward Iron Co., Woodward, Ala.	LEE, RICHARD H., Bethlehem Steel Corporation, Bethlehem, Pa.
FORD, KAY, Hanna Furnace Corporation, Buffalo, N. Y.	MARSHALL, R. M., Pittsburgh Coke and Iron Co., Pittsburgh, Pa.
HARPER, A. M., Carnegie-Illinois Steel Corporation, Pittsburgh, Pa.	STRIEBING, GEORGE, Interlake Iron Corporation, Chicago, Ill.
HILKERT, C. E., Pig Iron & By-Products Division, Republic Steel Corporation, Cleveland, Ohio.	WHITING, J. T., Alan Wood Steel Co., Conshohocken, Pa.
	WILSON, H. M., Shenango Furnace Co., Pittsburgh, Pa.

## PIPE INDUSTRY

ANDERSON, JOHN, Jones & Laughlin Steel Corporation, Pittsburgh, Pa.	McCONNER, W. F., National Tube Co., Pittsburgh, Pa.
BUXTON, E. A., Bethlehem Steel Co., Bethlehem, Pa.	SAWHILL, D. V., Mercer Tube & Manufacturing Co., Sharon, Pa.
CLIFFORD, GEORGE, Spang-Chalfant, Inc., Pittsburgh, Pa.	WATSON, W. E., The Youngstown Sheet & Tube Co., Youngstown, Ohio.

## PLATES AND SHAPES INDUSTRY

FARMER, MALCOLM, The Phoenix Iron Co., Phoenixville, Pa.	MACKALL, PAUL, Bethlehem Steel Co., Bethlehem, Pa.
GORDON, F. H., Lukens Steel Co., Coatesville, Pa.	SMITH, W. W., Inland Steel Co., Chicago, Ill.
HARING, WILLARD, S., Alan Wood Steel Co., Conshohocken, Pa.	WARREN, A. H., JR., Carnegie-Illinois Steel Corporation, Pittsburgh, Pa.

## RAILS AND ACCESSORIES INDUSTRY

DILWORTH, JOHN C., Carnegie-Illinois Steel Corporation, Pittsburgh, Pa.	ORR, NOWELL H., Colorado Fuel & Iron Co., Denver, Colo.
MULHOLAND, JOHN M., Youngstown Sheet & Tube Co., Youngstown, Ohio.	ROETH, A. C., Inland Steel Co., Chicago, Ill.
MURPHY, J. W., Bethlehem Steel Co., Bethlehem, Pa.	SCOTT, H. B., Wheeling Steel Corporation, Wheeling, W. Va.

## SHEET AND STRIP INDUSTRY

GARLICK, R. C., Sharon Steel Corporation, Sharon, Pa.	SEBALD, W. W., The American Rolling Mill Co., Middletown, Ohio.
HOSACK, J. P., The Mahoning Valley Steel Co., Niles, Ohio.	WETSTEIN, E. L., Great Lakes Steel Corporation, Detroit, Mich.
ROBINSON, H. E., Jones & Laughlin Steel Corporation, Pittsburgh, Pa.	WILNER, B. J., Inland Steel Co., Chicago, Ill.

## SILVERY IRON PRODUCERS INDUSTRY

COLBERT, CHARLES F., Pittsburgh Metallurgical Co., 3801 Highland Avenue, Niagara Falls, N. Y.	JONES, EDWIN A., Globe Iron Co., Jackson, Ohio.
FORD, E. KAY, The Hanna Furnace Corporation, Ecorse, Detroit, Mich.	POTTER, J. W., The Jackson Iron & Steel Co., Jackson, Ohio.

## STAINLESS STEEL INDUSTRY

- ALLEN, RUSSELL M., Allegheny-Ludlum Steel Corporation, Pittsburgh, Pa.
- CARSON, D. B., Sharon Steel Corporation, Sharon, Pa.
- CHRISTY, R. E., Crucible Steel Corporation, 405 Lexington Avenue, New York, N. Y.
- ROBERTS, CLYDE, Republic Steel Corporation, Massillon, Ohio.
- TUTTLE, C. E., Rustless Iron & Steel Corporation, Baltimore, Md.
- VOIGT, P. F., Carnegie-Illinois Steel Co., Pittsburgh, Pa.

## STEEL CASTINGS INDUSTRY

- BAKEWELL, D. C., Union Steel Castings Co., Sixty-second and Butler Streets, Pittsburgh, Pa.
- BUTTS, WILLIAM E., General Metals Corporation, 701 One Hundred and Fifth Avenue, Oakland, Calif.
- FARRELL, HERBERT, JR., Farrell-Cheek Steel Co., Sandusky, Ohio.
- FLEEGER, BURTNER, Oklahoma Steel Castings Co., Tulsa, Okla.
- HARVEY, T. H., The Ohio Steel Foundry Co., Lima, Ohio.
- MOUNT, OLIVER E., American Steel Foundries, 410 North Michigan Avenue, Chicago, Ill.
- ROBBINS, FRANK M., Ross-Meehan Foundries, Chattanooga, Tenn.
- SNOWDON, C. L., JR., Reliance Steel Casting Co., 2818 Smallman Street, Pittsburgh, Pa.
- SAUER, JOHN A., The Symington Gould Corporation, 230 Park Avenue, New York, N. Y.
- WHITEHEAD, CHARLES P., General Steel Castings Corporation, Essington Avenue, Eddystone, Pa.
- WORRILLOW, WILLIAM H., Lebanon Steel Foundry, Lebanon, Pa.

## STEEL PRODUCTS INDUSTRY

- ADAMS, AVERY C., U. S. Steel Corporation, 436 Seventh Avenue, Pittsburgh, Pa.
- ALLEN, RUSSELL M., Allegheny-Ludlum Steel Corporation, Oliver Building, Pittsburgh, Pa.
- CLARKE, N. J., Republic Steel Corporation, Cleveland, Ohio.
- HARTER, ISAAC, Babcock & Wilcox Co., Barberton, Ohio.
- HENRY, J. A., National Steel Corporation, Pittsburgh, Pa.
- MACKALL, PAUL, Bethlehem Steel Co., Bethlehem, Pa.
- NEUDOERFER, J. L., Wheeling Steel Corporation, Wheeling, W. Va.
- PARKER, J. H., Carpenter Steel Co., 101 West Bern Street, Reading, Pa.
- PARSONS, L. M., Jones & Laughlin Steel Corporation, Pittsburgh, Pa.
- ROETH, A. C., Inland Steel Co., 38 South Dearborn Street, Chicago, Ill.
- SEBALD, W. W., American Rolling Mill Co., Middleton, Ohio.
- WATSON, W. E., Youngstown Sheet & Tube Co., Youngstown, Ohio.

## TIN PLATE INDUSTRY

- HENRY, H. A., Weirton Steel Co., Pittsburgh, Pa.
- IRVINE, LESLIE, Wheeling Steel Corporation, Wheeling, W. Va.
- LONG, ARTHUR, The Youngstown Sheet & Tube Co., Youngstown, Ohio.
- McMAHON, FRANK, Bethlehem Steel Co., Bethlehem, Pa.
- RANDOLPH, NATHANIEL, Granite City Steel Co., St. Louis, Mo.
- TOTTEN, G., Carnegie-Illinois Steel Corporation, Pittsburgh, Pa.

## TOOL STEEL INDUSTRY

- GALBRAITH, A. T., Crucible Steel Co., 405 Lexington Avenue, New York, N. Y.
- GIVEN, HOWARD, Jr., Allegheny-Ludlum Steel Co., Pittsburgh, Pa.
- PARKER, J. H., Carpenter Steel Co., Reading, Pa.
- RINEK, JOHN O., Universal Elec. Steel Co., Bridgeville, Pa.
- ROSE, FLOYD, Vanadium-Alloys Steel Co., Pittsburgh, Pa.
- SAXMAN, M. W., Jr., Latrobe Elec. Steel Co., Latrobe, Pa.

## TUBING INDUSTRY

- BROWN, H. B., Jr., Superior Tube Co., P. O. Drawer 19, Norristown, Pa.
- BRUNDRED, L. L., Spang Chalfant, Inc., Grant Building, Pittsburgh, Pa.
- HARTER, ISAAC, Babcock and Wilcox Tube Co., Barberton, Ohio.
- IRELAND, J. A., Republic Steel Corporation, 224 East One Hundred and Thirty-first Street, Cleveland, Ohio.
- MARVEL, DAVID T., National Tube Co., Ellwood City, Pa.
- SMITH, E. Q., Bundy Tube Co., 10951 Hern Avenue, Detroit, Mich.
- TAGGART, WILLIAM E., The Timken Roller Bearing Co., Canton, Ohio.
- WAINES, AARON, Jr., The Ohio Seamless Tube Co., 132-140 West Main Street, Shelby, Ohio.

## TUBULAR INDUSTRY

- BROWN, MANLY, Republic Steel Corporation, Cleveland, Ohio.
- CLIFFORD, GEORGE E., Spang Chalfant, Inc., Pittsburgh, Pa.
- CONNOLLY, WILLIAM C., Ohio Seamless Tube Co., 132 West Main Street, Shelby, Ohio.
- COREY, E. P., Youngstown Sheet and Tube Co., Youngstown, Ohio.
- DUNBAR, J. E., Detroit Seamless Tube Co., Detroit, Mich.
- LAWSON, R. R., Summerill Tubing Co., Bridgeport, Pa.
- LIVINGSTONE, EDWARD A., The Babcock & Wilcox Tube Co., Beaver-falls, Pa.
- McCONNOR, W. F., National Tube Co., Pittsburgh, Pa.
- MCHATTIE, W. A., Michigan Seamless Tube Co., South Lyon, Mich.
- MALLEN, L. A., Pittsburgh Steel Co., Pittsburgh, Pa.
- MARK, CYRUS, Clayton Mark Manufacturing Co., Evanston, Ill.
- MILLER, C. E., Michigan Steel Tube Products Co., Detroit, Mich.
- MOORE, W. B., Timken Roller Bearing Co., Steel & Tube Division, Canton, Ohio.
- O'BRIEN, F. J., Globe Steel Tubes Co., Milwaukee, Wis.

## VANADIUM INDUSTRY

- HERTY, DR. CHARLES, Bethlehem Steel Corporation, Bethlehem, Pa.
- JOHNSON, H. L., Johnson-Whitney, Inc., 24 State Street, New York, N. Y.
- MILLER, WARD, Vanadium Corporation of America, 420 Lexington Avenue, New York, N. Y.
- STROD, A. J., Vitro Manufacturing Co., 60 Greenway Drive, Corliss Station, Pittsburgh, Pa.
- VAN FLEET, J. R., U. S. Vanadium Corporation, 30 East Forty-second Street, New York, N. Y.

## WIRE PRODUCTS INDUSTRY

COLLINS, CARL, Wickwire Spencer Steel Co., 500 Fifth Avenue, New York, N. Y.	MAY, JOHN, The American Steel & Wire Co. of New Jersey, Cleveland, Ohio.
DISTLER, JACK, Republic Steel Corporation, Chicago, Ill.	NEUDOERFER, JOHN, Wheeling Steel Corporation, Wheeling, W. Va.
GARDINER, WALTER, Keystone Steel & Wire Co., Peoria, Ill.	ROEMER, HENRY, JR., Pittsburgh Steel Co., Pittsburgh, Pa.

## ZIRCON, RUTILE, METALLURGICAL ILMENITE INDUSTRY

BLISS, L. G., Foote Mineral Co., 1609 Summer Street, Philadelphia, Pa.	JOHNSTON, J. MURRAY, Titanium Alloy Manufacturing Co., 111 Broadway, New York, N. Y.
CRITCHETT, J. H., Electro Metallurgical Co., 30 East Forty-second Street, New York, N. Y.	MILLER, WARD A., Vanadium Corporation of America, 420 Lexington Avenue, New York, N. Y.
FLEMING, BRUCE A., Orefraction, Inc., 7505 Meade Street, Pittsburgh, Pa.	WILLIAMS, RALPH B., American Rutile Co., 120 Broadway, New York, N. Y.

## TEXTILES DIVISION

### BOYS' SHIRTS, PAJAMAS, WASH SUITS, AND SPORTSWEAR INDUSTRY

- BAER, LOUIS B., Strouse-Baer Co., Sonneborn Building, Baltimore, Md.
- HAYS, ROBERT L., The Kaynee Co., Broadway at Aetna, Cleveland, Ohio.
- ISAACSON, JOE, L. Isaacson & Sons, 8 West Thirtieth Street, New York, N. Y.
- KAHN, LEON, De Luxe Wash Suits Co., 17 East Twenty-second Street, New York, N. Y.
- ROSENSWEIG, LOUIS, S. Liebovitz & Sons, 75 Leonard Street, New York, N. Y.
- ROWAN, EDWARD, Elder Mfg. Co., 703 North Thirteenth Street, St. Louis, Mo.
- RUBENSTEIN, IRVING, Don Juan Manufacturing Co., 1182 Broadway, New York, N. Y.
- SAVADA, ELIAS, Savada Bros., 1200 Broadway, New York, N. Y.

### BROOM MANUFACTURING INDUSTRY

- ARBAUGH, DEL, National Broom Manufacturing Co., Pueblo, Colo.
- DICKMAN, R. H., New Bremen Broom Co., Inc., New Bremen, Ohio.
- FAISON, H. D., Richmond Brown Co., Richmond, Va.
- LIND, CHARLES EDWIN, Lind Brothers, 1840 North Milton Avenue, Baltimore, Md.
- SALMON, PETER J., Industrial Home for the Blind, 520 Gates Avenue, Brooklyn, N. Y.
- SEITZ, A. P., Broom Department, Furst McNess Co., Freeport, Ill.
- WEYMER, FRED, A. F. Weymer Co., 306 West Division Street, Syracuse, N. Y.

### BRUSH INDUSTRY

- AUFSESSER, GATES, Mohawk Brush Co., Albany, N. Y.
- BARROWS, J. S., Federal Prison Industries, Inc., Dept. of Justice, HOLC Building, First and Indiana, Washington, D. C.
- BIRD, WILLIAM, Prophy-lac-tic-Brush Co., Florence, Mass.
- BUDDISH, B., Rubberset Co., Newark, N. J.
- DANIELS, R. H., S. A. Felton & Son Co., Manchester, N. H.
- DEMESQUITA, J., American Safety Razor Corporation, 315 Jay Street, Brooklyn, N. Y.
- HARDY, FRANK, Andover, Mass.
- JOHNSTON, E. F., Wolfe Brush Co., Pittsburgh, Pa.
- LAITNER, E. A., Sr., A. Laitner and Sons, Detroit, Mich.
- LINZER, AARON, D. Linzer Sons, 10 Astor Place, New York, N. Y.
- MILLARD, GEORGE, Fuller Brush Co., Hartford, Conn.
- MILLARD, GLEN, Lactona, Inc., St. Paul, Minn.
- PORTER, C. A., National Brush Co., Aurora, Ill.
- PURDY, S. B., Purdy Brush Co., Portland, Oreg.
- WARD, HOWARD, S. M. Dell & Co., Baltimore, Md.

## BRUSH FERRULE MANUFACTURERS INDUSTRY

- FEELY, WILLIAM B., Frank B. Lothrop Co., South Acton, Mass.
- GAITHER, J. H., S. W. Evans & Son, 4639 Paul Street, Frankford, Philadelphia, Pa.
- GREEN, JOHN V., Charles E. Green & Son, 93 Passaic Street, Newark, N. J.
- POLK, A. S., Rennous-Kleinle Brush Division, Pittsburgh Plate Glass Co., Baltimore, Md.
- SCHULMAN, DAVID, New York Ferrule Co., Grand Street, New York, N. Y.
- SCHUMANN, L. R., Star Brush Co., 690 Harrison Avenue, Boston, Mass.
- SIEGRIST, LOUIS, JR., Calvert Metal & Ferrule Manufacturing Co., Calvert Road and Boyd Street, Baltimore, Md.

## BURLAP IMPORTING AND BAG MANUFACTURING INDUSTRY

- BAND, S., American National Bag and Burlap Co., 343 Kent Avenue, Brooklyn, N. Y.
- CORMAN, B. J., American Bag and Burlap Co., Chelsea, Mass.
- CORYAT, C. H., Stein Hall & Co., Inc., 285 Madison Avenue, New York, N. Y.
- DUFFY, H. C., H. A. Astlett and Co., 64 Water Street, New York, N. Y.
- GUMBRECHT, G. A., Henry W. Peabody & Co., 230 California Street, San Francisco, Calif.
- HARRIS, L. W., Ames, Harris, Beville Co., San Francisco, Calif.
- LARSON, F. C., White Lamb Finlay, Inc., 54 Worth, New York, N. Y.
- LITTLE, T. W., Bemis Bros. Bag Co., 40 Central Street, Boston, Mass.
- LUDINGTON, F. H., Chase Bag Co., 155 East Forty-fourth Street, New York, N. Y.
- SCHURMAN, G. M., National Bag Corporation, New York, N. Y.
- SPROSTY, L. O., General Bag Corporation, Cleveland, Ohio.
- STEELE, H. J., H. Newhall & Co., San Francisco, Calif.

## CABRETTA INDUSTRY

- BEATTIE, E. J., Lenape Trading Co., 233 Broadway, New York, N. Y.
- BRAUNS, R. W., Twin City Leather Co., Gloversville, N. Y.
- CANE, ARTHUR, Cane Tanning Co., Gloversville, N. Y.
- DENNIE, BENJAMIN, Wood & Hyde Co., Gloversville, N. Y.
- DRUCKER, GEO. W., Hess & Drucker, 468 Fourth Avenue, New York, N. Y.
- IRELAND, JAMES S., Ireland Bros., Johnstown, N. Y.
- NAUDIN, JOHN, Jones & Naudin, Gloversville, N. Y.
- OSBORN, DUDLEY P., C. D. Osborn Co., 2201 West Wabansia Avenue, Chicago, Ill.
- POSTMAN, LOUIS, Bacmo Postman Corporation, Gloversville, N. Y.
- SMITH, HAROLD, Harold Smith Leather Co., Gloversville, N. Y.
- SWEENEY, FRANK E., Gloversville, N. Y.

## CARDED YARN INDUSTRY

- BANKS, WILLIAM N., Grantville Mills, Grantville, Ga.
- BATTLE, H. L., Rocky Mount Mills, Rocky Mount, N. C.

COOPER, J. A., Henderson Cotton Mills, Henderson, N. C.	NORTHERN, C. S., Avondale Mills, Sylacauga, Ala.
DANA, PHILIP, Dana Warp Mills, Westbrook, Maine.	RUSSELL, SCOTT, Bibb Mfg. Co., Macon, Ga.
HARRIS, R. L., Roxboro Cotton Mills, Roxboro, N. C.	
MOORE, J. A., Edenton Cotton Mills, Edenton, N. C.	SHEEFORD, A. ALEX, A. A. Sheeford Mill Co., Hickory, N. C.

### CATTLEHIDE, CALF, AND KIP UPPER LEATHER INDUSTRY

DANNER, CARL F., American Hide & Leather Co., 17 East Street, Boston, Mass.	HORWEEN, ARNOLD, Horween Leather Co., 2015 Elston Avenue, Chicago, Ill.
FRIEND, KURT C., J. Greenebaum Tanning Co., 3057 North Rockwell Street, Chicago, Ill.	KALTENBACHER, JOSEPH, Seton Leather Co., 62 Verona Avenue, Newark, N. J.
GALLUN, EDWIN A., A. F. Gallun & Sons Corporation, 1818 North Water Street, Milwaukee, Wis.	LUMBARD, V. G., The Ohio Leather Co., 1052 North State Street, Girard, Ohio.
GOODSPEED, HAROLD N., A. C. Lawrence Leather Co., 10 Sawyer Street, Peabody, Mass.	POETSCH, HERMAN, Poetsch & Peterson, 300 Huntington Avenue, East San Francisco, Calif.
THORPE, WILLIS E., Paris Tanning Co., Inc., South Paris, Maine.	THORPE, WILLIS E., Paris Tanning Co., Inc., South Paris, Maine.

### CHESTNUT EXTRACT INDUSTRY

BEARD, H. B., American Oak Leather Co., Decatur, Ala.	SILVERSTEEN, JOSEPH S., Rosman Tanning Extract Co., Rosman, N. C.
GOLDSMITH, ALAN G., The Mead Corporation, Chillicothe, Ohio.	TEAS, J. H., Teas Extract Co., Nashville, Tenn.
POLLARD, WILLIAM, Champion Paper & Fibre Co., Canton, N. C.	WHITMORE, L. M., Leas & McVitty, Inc. (Buena Vista Extract Co.), Salem, Va.
SCHIEREN, G. ARTHUR, JR., Chas. A. Schieren Co., Bristol, Tenn.	WIDNEY, H. M., Gardner Extract Co. (Pocahontas Tanning Co.), Durbin, W. Va.

### COMBED YARN MANUFACTURING INDUSTRY

BALTHIS, W. L., Peerless Spinning Co., Lowell, N. C.	LINEBERGER, HAROLD, Acme Spinning Co., Belmont, N. C.
BUTLER, SAM M., Carlton Yarn Mills, Cherryville, N. C.	LYMAN, FRANK, Fitchburg Yarn Mills, Fitchburg, Mass.
CHACE, B. C., Crown Manufacturing Co., South Attleboro, Mass.	MYERS, A. G., Textiles, Inc., Gastonia, N. C.
HALL, R. D., Stowe Thread Mills, Belmont, N. C.	WINGET, A. K., Efird Manufacturing Co., Albemarle, N. C.
KNOWLES, C. B., Kilburn Mill, New Bedford, Mass.	

## CORDAGE INDUSTRY

BREWSTER, E. W., Plymouth Cordage Co., North Plymouth, Mass.

CATING, W. C., JR., Cating Rope Works, Inc., 58-29 Sixty-fourth Street, Maspeth, N. Y.

MARTIN, E. D., Hooven & Allison Co., Xenia, Ohio.

MORRIS, R. L., Columbian Rope Co., 309 Genesee Street, Auburn, N. Y.

REINER, WALDO, Wall Rope Works, Inc., 48 South Street, New York, N. Y.

## CORSET AND BRASSIERE MANUFACTURING INDUSTRY

BARNES, WALLACE E., Mabs of Hollywood, Santee Street, Los Angeles, Calif.

BERNSTEIN, HYMAN, Milady Brassiere & Corset Co., Inc., 6 East Thirty-second Street, New York, N. Y.

BROWN, J. R., Hollywood-Maxwell Co., 6773 Hollywood Boulevard, Hollywood, Calif.

BRILL, LOUIS, Brill Corset Co., 248 North Eleventh Street, Philadelphia, Pa.

DORFMAN, MEYER, Real Form Girdle Co., 218 Bedford Avenue, Brooklyn, N. Y.

FOUCHE, GLEN, Stayform Co., 4325 Ravenswood Avenue, Chicago, Ill.

HEYMAN, HENRY B., Simone Co., Inc., 150 Madison Avenue, New York, N. Y.

JONES, DANIEL L., Strouse Adler Co., 78 Olive Street, New Haven, Conn.

KURZMAN, HAROLD P., Lily of France Corset Co., Inc., 1115 Broadway, New York, N. Y.

MAGOVERN, WILLIAM I., Ferris Brothers Co., Inc., 8 Coes Place, Newark, N. J.

ROSENTHAL, WILLIAM, Maiden Form Brassiere Co., Inc., 200 Madison Avenue, New York, N. Y.

RUTLEDGE, GEORGE, Vassar Co., 2545 Deversey Avenue, Chicago, Ill.

STEIN, SAM, Bali Brassiere Co., Inc., 8 West Thirtieth Street, New York, N. Y.

STIRTON, R. C., The H. W. Gossard Co., 108 East Ohio Street, Chicago, Ill.

WARNER, LUCIEN T., Warner Brothers Co., 325 LaFayette Street, Bridgeport, Conn.

WEINSTEIN, WILLIAM, Rite Form Corset Co., Inc., 635 Sixth Avenue, New York, N. Y.

## COTTON MILL INDUSTRY

AMORY, ROBERT, Nashua Manufacturing Co., Nashua, N. H.

BANKS, WILLIAM, Grantville Mills, Grantville, Ga.

BARNES, A. B., Ponemah Mills, Taftville, Conn.

BROUGHTON, C. F., Wamsutta Mills, New Bedford, Mass.

CANNON, CHARLES, Cannon Mills, Kannapolis, N. C.

COMER, DONALD, Avondale Mills, Sylacauga, Ala.

CONE, HERMAN, Proximity Manufacturing Co., Greensboro, N. C.

CRAMER, STUART, Cramerton Mills, Cramerton, N. C.

DICK, R. C., Naumkeag Steam Cotton Co., Salem, Mass.

HARRIS, GEORGE, Riverside and Dan River Cotton Mills, Danville, Va.

HENRY, R. E., Victor Monaghan Mills, Greenville, S. C.

- HIGHTOWER, W. H., Thomaston Cotton Mills, Thomaston, Ga.
- HOWE, PERCY, American Thread Co., 260 W. Broadway, New York, N. Y.
- KENT, HERVEY, Exeter Manufacturing Co., Exeter, N. H.
- McMAHON, J. H., Berkshire Fine Spinners Association, Providence, R. I.
- MILLER, CLARENCE, Texas Textile Mills, Dallas, Tex.
- MURCHISON, CLAUDIUS, Cotton Textile Institute, New York, N. Y.
- MYERS, A. G., Textiles, Inc., Gastonia, N. C.
- RUSSELL, SCOTT, Bibb Manufacturing Co., Macon, Ga.
- SIRRINE, J. E., Sirrine & Co., Greenville, S. C.
- STALL, EARL, F. W. Poe Manufacturing Co., Greenville, S. C.
- SWEET, CHARLES A., Equinox Mill, Anderson, S. C. Mailing address 65 Worth Street, New York, N. Y.
- SWINT, SAM, Graniteville Manufacturing Co., Graniteville, S. C.
- TANSILL, DONALD, Pepperell Manufacturing Co., Biddeford, Maine.

#### COTTON AND RAYON FINISHERS INDUSTRY

- ARRINGTON, R. W., Union Bleachery, Greenville, S. C.
- BANNON, W. H., Defiance Bleachery, Barrowsville, Mass.
- BROADFOOT, W. A., The Aspinook Corporation, Jewett City, Conn.
- BROWN, F. G., The Apponaug Co., Apponaug, R. I.
- DIMICK, C. H., Fair Lawn Finishing Co., Fair Lawn, N. J.
- HARDWICK, A. W., Delta Finishing Co., Frankford, Philadelphia, Pa.
- HAYES, C. B., Pacific Mills, Lyman, S. C.
- LIPPMAN, J. D., Textile Leather Corporation and Toledo Dye Works, Toledo, Ohio.
- HOOPER, JAMES E., William E. Hooper & Sons Co., Woodberry, Baltimore, Md.
- MACINTYRE, W. R., Joseph Bancroft & Sons Co., Wilmington, Del.
- MARBLE, J. F., Waldrich Co., Delaware, N. J.
- MCCLATCHIE, G. A., U. S. Finishing Co., Norwich, Conn.
- MILLIKEN, J. K., Mt. Hope Finishing Co., North Dighton, Mass.
- POOR, A. G., Standard Bleachery & Printing Co., Carlton Hill, N. J.
- ROBERTSON, W. E., North Carolina Finishing Co., Salisbury, N. C.
- STEPHENSON, H. R., Southern Bleachery & Print Works, Inc., Taylors, S. C.
- SUMMERSBY, GEORGE, Bradford Dyeing Association, Bradford, R. I.
- TAGLIABUE, F. A., Palisade Piece Dye Works, Inc., North Bergen, N. J.

#### COTTON YARN MERCERIZERS INDUSTRY

- BOGER, ALFRED H. J., Boger & Crawford, Philadelphia, Pa.
- FRIERSON, J. B., Dixie Mercerizing Co., Chattanooga, Tenn.
- HOLT, J. P., Aberfoyle Manufacturing Co., Philadelphia, Pa.
- KING, RAY, Hampton Co., East Hampton, Mass.
- RANKIN, JAMES L., Ewing & Thomas, Chester, Pa.
- SUTTENFIELD, W. R., American Yarn and Processing Co., Mount Holly, N. C.
- VERLENDEN, J. S., Standard Coosa-Thatcher Co., Chattanooga, Tenn.
- WARD, W. C., Southern Mercerizing Co., Tyron, N. C.

## COTTON GOODS TRANSPORTATION INDUSTRY

- BAUSERMAN, C. H., P. H. Hanes Knitting Co., Winston-Salem, N. C.
- DRUMMOND, F. C. P., Lonsdale Mfg. Co., Providence, R. I.
- HARRELL, ROY W., West Point Mfg. Co., West Point, Ga.
- JOHNSON, WM. J., Nashua Mfg. Co., Nashua, N. H.
- PELL, A. H., McIver & Pell, 131½ Fourth Street, Charlotte, N. C.
- SELLERS, ROBERT D., Southern Bleachery & Printing Works, Taylors, S. C.
- STRICKLAND, CHARLES W., Proximity Mfg. Co., Greensboro, N. C.
- SWANSON, J. HERBERT, Bibb Mfg. Co., Macon, Ga.
- SYNAN, JOHN W., Mt. Hope Finishing Co., North Dighton, Mass.

## DYESTUFF MANUFACTURERS INDUSTRY

- CHANTLER, A. R., Organic Chemicals Department E. I. DuPont de Nemours & Co., Wilmington, Del.
- CRIST, JOHN L., Southern Dyestuff Corporation, P. O. Box 1045, Charlotte, N. C.
- HALBACH, E. K., General Dyestuff Corporation, 435 Hudson Street, New York, N. Y.
- MARSHALL, H. B., Ciba Company, P. O. Box 25, New York, N. Y.
- MAXWELL, E. M., National Aniline Division, Allied Chemical & Dye Corporation, 40 Rector Street, New York, N. Y.
- MOODY, S. C., Calco Chemical Division, American Cynamid Co., Bound Brook, N. J.
- RICHTER, C. M., French Chemical Corporation, 175 Fifth Avenue, New York, N. Y.
- ROBERTS, THOMAS H., Arnold Hoffman & Co., 55 Canal Street, Providence, R. I.

## FISH NET MANUFACTURING INDUSTRY

- ADAMS, WALTER, Adams Net & Twine Co., 701 North Second Street, St. Louis, Mo.
- BARBOUR, SAM, Linen Thread Co., Inc., 60 East Forty-second Street, New York, N. Y.
- CONKLIN, WALTER, E. J. Ederer Co., 548 North Orleans, Chicago, Ill.
- LICHTENSTEIN, LOUIS, The Fish Net & Twine Co., 310 Bergen Avenue, Jersey City, N. J.
- PAULS, P. T., Pauls Fish Net Co., 1727 North Winchester Avenue, Chicago, Ill.
- STARR, ROBERT, A. M. Starr Net Co., East Hampton, Conn.

## FLAG MANUFACTURERS INDUSTRY

- CAMPBELL, CHARLES L., Dettra Flag Company, Inc., Oaks, Pa.
- CHANDLER, DIGBY W., Annin and Co., 85 Fifth Avenue, New York, N. Y.
- GLENDON, GEORGE L., Chicago Flag and Decorating Co., 2611 South Indiana Avenue, Chicago, Ill.
- LIEBERMAN, SIDNEY, Valley Forge Flag Co., 71 Fifth Avenue, New York, N. Y.
- McALLISTER, W. C., Collegeville Flag & Manufacturing Co., Collegeville, Pa.
- POLLOCK, W. H., Paramount Flag Co., San Francisco, Calif.
- SCHALLER, GEORGE H., National Flag Co., 1012 Flint Street, Cincinnati, Ohio.

## FLAT GOODS UPHOLSTERY INDUSTRY

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| BAUMBACH, G. J., Mercer Textile Mills, Groverville, N. J.                               | KAHLE, R. L., Vigilant Mills, Inc., Adams Avenue and Leiper Street, Frankford, Pa.      |
| BURTON, H. W., Moss Rose Manufacturing Co., 70 West Fortieth Street, New York, N. Y.    | MCKENNEY, P. K., Swift Manufacturing Co., Columbus, Ga.                                 |
| INGERSOLL, G. E., The Stead & Miller Co., Fourth and Cambria Streets, Philadelphia, Pa. | NEISLER, C. E., Jr., Neisler Mills, Inc., Kings Mountain, N. C.                         |
|   | POHLERS, R., Jr., Rosemary Inc., Roanoke Rapids, N. C.; 40 Worth Street, New York, N.Y. |

## FLAX INDUSTRY

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| BARBOUR, F. K., Linen Thread Company, Inc., 60 East Forty-second Street, New York, N. Y.  | EDERER, CLARENCE, R. J. Ederer Co., Inc., Unity and Elizabeth Streets, Philadelphia, Pa. |
| BURKE, F. V., Belmont Packing & Rubber Co., Butler and Sepviva Streets, Philadelphia, Pa. | MCLEOD, L. C., Salem Linen Mills, Salem, Oreg.   |
| CRAWFORD, H. W., Stevens Linen Associates, Inc., Webster, Mass.                           | STONE, MALCOLM B., Ludlow Manufacturing & Sales Co., 211 Congress Street, Boston, Mass.  |

## GARMENT PATTERN MANUFACTURING INDUSTRY

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| AGNELLI, JOSEPH B., Bell Syndicate, Inc., 247 West Forty-Third Street, New York, N. Y.     | HUTTER, FRANCIS, McCall Corporation, 230 Park Avenue, New York, N. Y.                           |
| BURNHAM, ALEX, Reader Mail, Inc., 243 West Seventeenth Street, New York, N. Y.             | MAYER, ABRAM, Chi Pattern Co., 55 West Thirty-Fifth Street, New York, N. Y.                     |
| CAPARELL, BASIL A., King Features Syndicate, 235 East Forty-Fifth Street, New York, N. Y.  | ROEPPER, ELMER J., The New York Pattern Co., Inc., 220 West Nineteenth Street, New York, N. Y.  |
| COHN, S. B., Advance Pattern Company, Inc., 331 East Thirty-Eighth Street, New York, N. Y. | SHAPIRO, JAMES J., Simplicity Pattern Co., Inc., 200 Madison Avenue, New York, N. Y.            |
| FLINT, F. A., The Beauty Pattern Co., Inc., 106 Seventh Avenue, New York, N. Y.            | TINGLE, LEONARD, The Butterick Co., Inc., 161 Sixth Avenue, New York, N. Y.                     |
| FOSTER, DWIGHT E., Vogue Pattern Service, 420 Lexington Avenue, New York, N. Y.            | WRIGHT, Mrs. A. G., Peerless Fashion Service, Inc., 121 West Nineteenth Street, New York, N. Y. |

## GIN AND DELINTING MACHINERY MANUFACTURING INDUSTRY

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| ALTMAN, EARL H., Hardwick Etter Co., Sherman, Tex.        | McDONALD, J. E., The Murray Co., Dallas, Tex.            |
| CARTWRIGHT, A. S., Gullett Gin Co., Amite, La.            | MITCHELL, JOHN E., John E. Mitchell Co., Dallas, Tex.    |
| DIMON, S. KELLY, Centennial Cotton Gin Co., Columbus, Ga. | PRATT, MERRILL E., Continental Gin Co., Birmingham, Ala. |
| LUMMUS, F. EDWARD, Lummus Cotton Gin Co., Columbus, Ga.   |  |

## GLOVE AND GARMENT CATTLEHIDE LEATHER TANNERS INDUSTRY

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| FLYNN, MICHAEL, John Flynn & Sons, Inc., Salem, Mass.                                | ROSS, HAROLD, A. H. Ross & Son, Co., 1229 North Branch Street, Chicago, Ill.             |
| FOOT, S. B., S. B. Foot Tanning Co., Red Wing, Minn.                                 | SAWYER, HERBERT H., Sawyer Tanning Co., Napa, Calif.                                     |
| KATZ, SOLOMON, Superior Tanning Co., 1244 West Division Street, Chicago, Ill.        | SCHUMANN, WM. F., Hoffman-Stafford Tanning Co., 1001 West Division Street, Chicago, Ill. |
| PLOTKIN, OSCAR, Midwest Tanning Co., Twelfth and Davis Avenue, South Milwaukee, Wis. | STUMPF, ARTHUR J., H. Hahn & Stumpf, Dey, Jersey and Warren Streets, Harrison, N. J.     |
| RICE, A. V., A. C. Lawrence Leather Co., Peabody, Mass.                              | THIELE, HELMUTH M., Thiele Tanning Co., 622 West Oregon Street, Milwaukee, Wis.          |

## GOATSKIN AND KIDSkin INDUSTRY

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| AGOOS, A. L., Agoos Leather Co., Inc., 145 South Street, Boston, Mass.   | MALIS, SIMON S., Malis Leather Co., Fourth and Arch Streets, Philadelphia, Pa.            |
| BROWN, J. H., J. H. Brown Co., 100 Gold Street, New York, N. Y.          | McCARTHY, CHARLES, Deccan Trading Co., Ltd., 100 Gold Street, New York, N. Y.             |
| DIAMOND, I., Diamond Leather Co., 10 High Street, Boston, Mass.          | MILLER, FRANK H., G. Levor & Co., Inc., Gloversville, N. Y.                               |
| HAMEL, LOUIS H., L. H. Hamel Leather Co., Haverhill, Mass.               | ROSSBACH, MAX, J. H. Rossbach, Bros. Import Corporation, 100 Gold Street, New York, N. Y. |
| HECKEL, CHARLES, Leach-Heckel Leather Co., 72 Flint Street, Salem, Mass. | SIMONS, BENJAMIN, Allied Kid Company, 209 South Street, Boston, Mass.                     |
| HUNNEMAN, WM. C., Jr., Thirty-sixth and Reed Streets, Philadelphia, Pa.  | STOUT, F. STURGIS, John R. Evans & Co., Second and Erie Streets, Camden, N. J.            |
| LYON, GREGORY O., N. C. Lyon & Co., 179 Lincoln Street, Boston, Mass.    |   |

## HIDE AND SKIN INDUSTRY

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| BISSINGER, NEWTON, Bissinger & Co., 2421 East Sixteenth Street, San Francisco, Calif. | SMITH, P. C., Swift & Co., Union Stock Yards, Chicago, Ill.                    |
| FITCH, G. D., Wilson & Co., Union Stock Yards, Chicago, Ill.                          | STARK, GEORGE, Stark & Wetzel, Indianapolis, Ind.                              |
| HOWE, OWEN C., Sands & Leckie, 665 Atlantic Avenue, Boston, Mass.                     | STERN, WALTER, H. Elkan & Co., 833 Haines Street, Chicago, Ill.                |
| JACKSON, LEE, Springfield Pkg. Co., Springfield, Mo.                                  | WEBSTER, A. L., A. L. Webster & Co., 111 West Washington Street, Chicago, Ill. |
| KATZENBERG, MILTON, Jacob Stern Co., Tioga and Cedar Streets, Philadelphia, Pa.       |  |

## HORSEHIDE TANNERS INDUSTRY

- FOOT, E. H., S. B. Foot Tanning Co., Red Wing, Minn.
- FRIEND, KURT, J. Greenebaum Tanning Co., 3057 North Rockwell Street, Chicago, Ill.
- KATZ, SOLOMON, Superior Tanning Co., 1244 West Division Street, Chicago, Ill.
- KRAUSE, V. W., Wolverine Shoe & Tanning Co., Rockford, Mich.
- PLOTKIN, O., Midwest Tanning Co., Twelfth and Davis Avenue, South Milwaukee, Wis.
- RULISON, F., Jr., F. Rulison & Sons, Johnstown, N. Y.
- SWOBODA, GUSTAVE, JR., H. Swo-boda & Son, Inc., 1027 North Bodine Street, Philadelphia, Pa.

## HOSIERY INDUSTRY

- DOYLE, ANDREW J., Contour Hosiery Mills, Inc., Rockford, Ill.
- FISHER, F. M., Fisher Hosiery Co., Reading, Pa.
- HEMMERICH, HUGO, Berkshire Knitting Mills, Reading, Pa.
- HERBERT, LEON, Herbert Hosiery Mills, Norristown, Pa.
- HESSBERG, IRVING K., Van Raalte Co., 417 Fifth Avenue, New York, N. Y.
- HUFFMAN, ROBERT, Morganton Full Fashioned Hosiery Co., Morganton, N. C.
- KRONENBERG, J. J., Wayne Knitting Mills, Fort Wayne, Ind.
- MILLIS, J. E., Adams-Millis Corporation, High Point, N. C.
- NEAL, W. W., Sr., Marion Hosiery Mills, Marion, N. C.
- MOSS, MARSHALL V., NoMend Hosiery Co., Inc., Allegheny Ave. at Thirty-first Street, Philadelphia, Pa.

## ISTLE INDUSTRY

- ARGUESO, L. M., M. Argueso & Co., 106 Wall Street, New York, N. Y.
- BARBOUR, FREDERICK K., Linen Thread Co., 418 Grand Street, Paterson, N. J.
- BIRD, FRANK W., Smith & Bird, 82 Beaver Street, New York, N. Y.
- BLOOM, A., Otto Gerdau Co., 533 Canal Street, New York, N. Y.
- BURKART, HARRY, F. Burkart & Co., St. Louis, Mo.
- EMMERT, ROY J. C., Hanover Cordage Co., Hanover, Pa.
- GANTZ, JACK, Empire Brush Works, Port Chester, N. Y.
- GARRETTSON, WILLIAM, 11 Park Place, New York, N. Y.
- HEHL, L. E., Maryland Fibre Products Co., Inc., 101 Landwehr Lane, Baltimore, Md.
- LANGE, A. H., F. H. Cone & Co., 181 Front Street, New York, N. Y.
- MARTIN, E. D., Hooven & Allison Co., Xenia, Ohio.
- MORELAND, G. A., Columbian Rope Co., Auburn, N. Y.
- NELSON, ARTHUR, Dolphin Jute Mills, Paterson, N. J.
- PAGE, WINTHROP, National Automotive Fibres, Inc., East Los Angeles, Calif.
- PORTER, C. A., National Brush Co., 101 Illinois Avenue, Aurora, Ill.
- SMITH, NORMAN F., Osborn Manufacturing Co., 5401 Hamilton Avenue, Cleveland, Ohio.
- UNSWORTH, T. A., E B & A C Whiting Co., Burlington, Vt.
- UTESS, R. C., American Manufacturing Co., Noble and West Streets, Brooklyn, N. Y.
- WEITZEL, F. W., Ox Fibre Brush Co., Frederick, Md.
- WILEY, O. D., Burton-Dixie Corporation, 2024 South Racine Avenue, Chicago, Ill.

## JUTE SPINNERS INDUSTRY

- BARBOUR, F. K., The Linen Thread Co., Inc., 60 East Forty-second Street, New York, N. Y.
- EMMERT, R. C. J., Hanover Cordage Co., Hanover, Pa.
- GUTHRIE, WALTER, Lehigh Spinning Co., Allentown, Pa.
- JENKINS, J. S., Dixie Jute Bagging Co., 700 Front Street, Norfolk, Va.
- MALCOLM, J. F., Revonah Spinning Mills, Hanover, Pa.
- MARTIN, E. D., Hooven & Allison Co., Xenia, Ohio.
- METCALF, S. W., Columbian Rope Co., Auburn, N. Y.
- NELSON, G. A., Dolphin Jute Mills, Paterson, N. J.
- STEWART, D. D., Kentucky River Mills, Frankfort, Ky.
- STONE, MALCOLM B., Ludlow Manufacturing & Sales Co., 211 Congress Street, Boston, Mass.
- UTESS, R. C., American Manufacturing Co., Noble and West Streets, Brooklyn, N. Y.
- WILLSHER, FRANK E., Schrieter Jute Cordage Co., Philadelphia, Pa.
- WOODCOCK, E. C., The Ensign Bickford Co., Simsbury, Conn.

## KNIT UNDERWEAR INDUSTRY

- COOPER, RALPH Y., Coopers, Inc., Kenosha, Wis.
- GREGORY, ROBERT F., New England Knitting Co., 93 Worth Street, New York, N. Y.
- JARVIS, GEORGE T. II., Elmira Knitting Mills, Elmira, N. Y.
- JONES, RALPH M., Utica Knitting Co., Utica, N. Y.
- MALONE, E. T., Malone Knitting Co., Springfield, Mass.
- MUELLER, T. J., Julius Kayser & Co., 500 Fifth Avenue, New York, N. Y.
- MURPHY, WM., Signal Knitting Mills, Inc., Chattanooga, Tenn.
- PANNILL, GORDON, Pannill-Walker Underwear Co., Martinsville, Va.
- SHAFT, A. B., Minneapolis Knitting Works, 620 Bryant Avenue North, Minneapolis, Minn.
- WOLFE, R. M., Globe Underwear Co., Leesport, Pa.

## LACE MANUFACTURING INDUSTRY

- BIRNBAUM, LEON, Native Laces & Textiles, Inc., 261 Fifth Avenue, New York, N. Y.
- BROMLEY, S., Sr., North American Lace Co., Allegheny Avenue and Eighth Street, Philadelphia, Pa.
- CLARK, GEORGE H., Washington Lace Works, South Main Street, Washington, R. I.
- DALBY, LESLIE, William Dalby & Son, 11 Van Houton Street, Paterson, N. J.
- NEWTON, ALBERT F., Central Lace Works, Inc., 27 Foundry Street, Central Falls, R. I.
- PHILIPS, H. A., American Fabrics Co., Bridgeport, Conn.
- PHILLIPS, PERCY T., American Textile Co., Pawtucket, R. I.
- PRICE, J. V., Jac-Art Lace Co., Providence, R. I.
- RAMSBOTTOM, GEORGE H., Seekonk Lace Co., Pawtucket, R. I.
- SCHLOSS, HUGO N., Liberty Lace & Netting Works, 244 Madison Avenue, New York, N. Y.
- BODELL, GILBERT, Bodell Lace Co., Pawtucket, R. I.
- WOODHOUSE, W. H., Elyria Laces, 149 Madison Avenue, New York, N. Y.

## LAST MANUFACTURING INDUSTRY

DARRAGH, HARRY, Vulcan Corporation, Portsmouth, Ohio.	MARCILLE, CHARLES W., Western Last Co., St. Louis, Mo.
HOLMES, JOSEPH W., United Last Co., Boston, Mass.	STEVENS, GEORGE, Lynn Last Co., Lynn, Mass.

## LEATHER AND SHOE TRANSPORTATION INDUSTRY

BLADES, CECIL R., Geo. E. Keith Co., Campello, Mass.	ORR, JOHN, United States Leather Co., 27 Spruce Street, New York, N. Y.
HYMAN, DONALD S., Brown Shoe Co., St. Louis, Mo.	SCHNEIDER, E. J., A. C. Lawrence Co., Peabody, Mass.
LUMPP, FRED, Armour Leather Co., Chicago, Ill.	WEBSTER, GEORGE A., A. L. Webster & Co., 111 West Washington Street, Chicago, Ill.

## LINOLEUM AND FELT BASE FLOORCOVERING INDUSTRY

BATES, KENNETH O., Armstrong Cork Co., Lancaster, Pa.	LOWE, W. H., The Paraffine Companies, Inc., 475 Brannan Street, San Francisco, Calif.
BINDER, W. J., Delaware Floor Products, Inc., Wilmington, Del.	O'BRIEN, EDWARD J., Chandler-Palruba Co., Taunton, Mass.
CAMPBELL, NEIL L., Mannington Mills, Inc., Salem, N. J.	ROBERTS, B. H., Bird & Son, Inc., East Walpole, Mass.
CLEMENT, JOHN S., Sandura Co., Inc., 1700 Walnut Street, Philadelphia, Pa.	SALE, W. A., Sloane-Blabon Corporation, 295 Fifth Avenue, New York, N. Y.
GIBBS, ROY C., J. C. Dunn & Co., Seventh and Jefferson Streets, Camden, N. J.	SHAFFER, T. L., Congoleum-Nairn, Inc., Kearny, N. J.
GREISER, M. R., Carthage Mills, Inc., 124 West Sixty-sixth Street, Cincinnati, Ohio.	SPECTOR, SAMUEL, Bonafide Mills, Inc., 295 Fifth Avenue, New York, N. Y.

## MEN'S AND BOYS' CLOTHING INDUSTRY

AHERN, NEAL, The H. A. Seinsheimer Co., 400 Pike Street, Cincinnati, Ohio.	KAPPEL, SAMUEL, Howard Clothes, Inc., 170 Tilry Street, Brooklyn, N. Y.
COHEN, W. P., Joseph H. Cohen & Sons, 71 Fifth Avenue, New York, N. Y.	KNAPP, DAVID B., Fox-Knapp Co., 230 Fifth Avenue, New York, N. Y.
GREENBERG, MORRIS, Hart, Schaffner & Marx, 36 South Franklin Street, Chicago, Ill.	MAYER, FELIX, Joseph and Feiss, 2149 East Thirty-third Street, Cleveland, Ohio.
HASPEL, JOSEPH, Haspel Brothers, Inc., 2527 St. Bernard Street, New Orleans, La.	REISS, RAYMOND H., International Tailoring Co., 107 Fourth Avenue, New York, N. Y.

RIESENFELD, VICTOR S., Cohen-Goldman & Co., 45 West Eighteenth Street, New York, N. Y.

ROSENBAUM, GERALD, Kalamazoo Pants Co., 314 East Michigan Avenue, Kalamazoo, Mich.

SCHWARTZ, NATHAN, Julius Schwartz & Sons, 880 Broadway, New York, N. Y.

UDELL, JEROME I., Max Udell Sons & Co., 28 West Twenty-third Street, New York, N. Y.

WEINTRAUB, JAMES, Weintraub Brothers & Co., 1321 Noble Street, Philadelphia, Pa.

WILLIAMS, TONY, MacDonald-Heath, Ltd., 745 Fifth Avenue, New York, N. Y.

ZURN, FRANK, Alco Zander Co., 1027 Callowhill, Philadelphia, Pa.

### MEN'S PAJAMA INDUSTRY

CHOCK, LEON L., Reliance Mfg. Co., 200 Fifth Avenue, New York, N. Y.

GEISMAR, SYLVAN, Manhattan Shirt Co., 444 Madison Avenue, New York, N. Y.

GUNDERSHEIMER, FELIX, Stadium Mfg. Co., 1501 Guilford Avenue, Baltimore, Md.

JACOBSON, HARRY S., F. Jacobson & Sons, 1115 Broadway, New York, N. Y.

KARBERG, PETER K., H. B. Glover Co., 5th and Iowa Streets, Dubuque, Iowa.

KREIN, ANDREW, Krestle Mfg. Co., 208 S. Pulaski Street, Baltimore, Md.

LUBIN, LOUIS, Lubin Weeker Co., 1270 Broadway, New York, N. Y.

MITTELSTADT, HAROLD W., Wilson Bros., Box 772, Chicago, Ill.

RICHTMYER, A. R., Knothe Bros., 24 West Fortieth Street, New York, N. Y.

STEINER, HAROLD A., Harold Steiner, Inc., 350 Fifth Avenue, New York, N. Y.

### MEN'S SHIRTS, SPORT SHIRTS, AND ENSEMBLES INDUSTRY

BONCK, J. H., J. H. Bonek Co., 1100 South Jefferson Davis Parkway, New Orleans, La.

DONIGER, HARRY, David D. Doniger & Co., 303 Fifth Avenue, New York, N. Y.

DULIN, JAMES C., James C. Dulin, Inc., 731 Fourteenth Street, Northwest, Washington, D. C.

FRIZZELL, JOHN R., Henderson & Erwin, Inc., Charlottesville, Va.

JETTE, E. M., C. F. Hathaway Co., 112 East Fortieth Street, New York, N. Y.

KESSLER, MORRIS, Raritan Shirt Co., 1199 Broadway, New York, N. Y.

LOUIS, HENRY, Brownstein-Louis Co., 1228 San Julian Street, Los Angeles, Calif.

PFEFFER, E. C., Cluett, Peabody & Co., Inc., 10 East Fortieth Street, New York, N. Y.

ROSENSWEIG, LOUIS, S. Liebovitz & Sons, 75 Leonard Street, New York, N. Y.

ROWAN, EDWARD, Elder Manufacturing Co., 703 North Thirteenth St., St. Louis, Mo.

### MEN'S WASHABLE SERVICE APPAREL INDUSTRY

BERGER, ARTHUR, Hoover Manufacturing & Sales Co., Inc., 251 West Nineteenth Street, New York, N. Y.

COHEN, CHARLES, M. Snower & Co., Inc., 361 West Chestnut Street, Chicago, Ill.

GOLDBERG, MORRIS C., Keystone Coat & Apron Manufacturing Co., 315 North Twelfth Street, Philadelphia, Pa.

HYMAN, EDWARD, Edward Hyman Co., 210 East Tenth Street, Los Angeles, Calif.

KASLOW, SAMUEL, Whitehouse Manufacturing Co., 322 East Colfax Avenue, South Bend, Ind.

MASLOW, CHARLES, Best Coat & Apron Manufacturing Co., 408 East Fifty-ninth Street, New York, N. Y.  
SCHUCHERT, ALBERT A., Standard Garment Co., Michigan and Orange Streets, Toledo, Ohio.

SILVERMAN, ALFRED, Angelica Jacket Co., 1419 Olive Street, St. Louis, Mo.

WILLGOOS, R. S., C. D. Williams Co., 246 South Eleventh Street, Philadelphia, Pa.

### MEN'S, WOMEN'S, AND CHILDREN'S ROBE, NEGLIGEE, AND HOUSECOAT INDUSTRY

BROWN, LOUIS M., B. Brown and Sons, 105 Madison Avenue, New York, N. Y.

CARO, IRVING, Caro and Co., Inc., 10 East Thirty-second Street, New York, N. Y.

GLAZIER, EDWARD, Rothley Inc., 307 West Van Buren Street, Chicago, Ill.

GREENBERG, HARRY H., Royal Robes Inc., 16 East Thirty-fourth Street, New York, N. Y.

HALPERN, RAYMOND, Raymodes Negligees Inc., 105 Madison Avenue, New York, N. Y.

JEBAILY, GEORGE, Jebaily Lonschein Co., 105 Madison Avenue, New York, N. Y.

LEVIN, BENJAMIN, C. N. Mack Soud Corporation, 1 East Thirty-third Street, New York, N. Y.

NORMANDIN, A. A., Normandin Brothers, 2715 South Main Street, Los Angeles, Calif.

SAFIR, LEO, Rabhor Co., Empire State Building, New York, N. Y.

SAYOUR, ELIAS, Elias Sayor Co., Inc., 31 East Thirty-first Street, New York, N. Y.

VAN BAALEN, ALFRED, Van Baalen, Heilbrun & Co., 1239 Broadway, New York, N. Y.

### NARROW SHEETING AND OSNABURG INDUSTRY

ANDERSON, D. W., Pacolet Manufacturing Co., Pacolet, S. C.

BEATTIE, S. M., Piedmont Manufacturing Co., Piedmont, S. C.

CHAPMAN, J. A., Riverdale Mills, Enoree, S. C.

CLAUSSEN, H. C., Bemis Brothers Bag Co., 140 Central Street, Boston, Mass.

HAGOOD, B. F., Pickens Mill, Pickens, S. C.

HENEREY, C. S., Santee Mills, Inc. Orangeburg, S. C.

MCLEOD, C. M., Consolidated Textile Co., Inc., 86 Worth Street, New York, N. Y.

REDMOND, P. A., Alabama Mills, Inc., Birmingham, Ala.

STRICKLAND, A. J., Jr., Strickland Cotton Mills, Inc., Valdosta, Ga.

### PILE FABRICS UPHOLSTERY INDUSTRY

BALDWIN, P. B., Collins & Aikman, 200 Madison Avenue, New York, N. Y.

CORLEY, CLIFTON, Iselin Jefferson Co., 90 Worth Street, New York, N. Y.

DAVIS, BERNARD, La France Industries, 4631 Adams Avenue, Frankford, Pa.

KAUFMAN, J. A., Kaufman Plush Co., Roxboro, Philadelphia, Pa.

SCHELL, H. H., Sidney Blumenthal & Co., One Park Avenue, New York, N. Y.

### RAW FUR INDUSTRY

ADELSTEIN, GEORGE, Schild-Adelstein Co., New York, N. Y.

DARRAGH, NELSON R., F. C. Taylor Fur Co., St. Louis, Mo.

HOLMES, D. A., D. A. Holmes and Co., Seattle, Wash.

MIRANDONA, HENRY, Mirandona Brothers, New Orleans, La.

O'REILLY, L. J., American National Fur Breeder's Association, Wassau, Wis.

ROSE, HAROLD, Rose Brothers Fur Co., St. Paul, Minn.

SILBERMAN, J. D., Silberman Brothers Fur Corporation, New York, N. Y.

ULLMAN, JOS., JR., Jos. Ullman Brokerage Co., New York, N. Y.

VANDEWEGHE, JOSEPH, Vandeweghe Trading Corporation, 141 West Twenty-eighth Street, New York, N. Y.

### RAYON PRODUCERS INDUSTRY

BASSILL, J. E., Tubize Chatillon Corporation, Two Park Avenue, New York, N. Y.

CARR, C. McD., American Enka Corporation, 206 Madison Avenue, New York, N. Y.

EPSTEIN, M. P., Industrial Rayon Corporation, 500 Fifth Avenue, New York, N. Y.

FOWLER, CHARLES S., Hartford Rayon Corporation, Rocky Hill, Conn.

KERNAN, HUBERT, Skenandoa Rayon Corporation, Utica, N. Y.

LOCKHART, GEORGE R., Woonsocket Rayon Co., Woonsocket, R. I.

OLMSTEAD, W. B., American Viscose Corporation, 350 Fifth Avenue, New York, N. Y.

PRICE, COL. HARRY, Celanese Corporation of America, 180 Madison Avenue, New York, N. Y.

RYAN, LEON H., Delaware Rayon Co., Newcastle, Del.

STONE, J. C., Tennessee Eastman Corporation, Kingsport, Tenn.

STEERE, ROBERT, North American Rayon Corporation, 261 Fifth Avenue, New York, N. Y.

YERKES, L. A., E. I. du Pont de Nemours & Co., Wilmington, Del.

### RAYON AND SILK UPHOLSTERY INDUSTRY

HAFNER, AUGUST, Hafner Associates, Inc., 19-19 Twenty-fourth Avenue, Astoria, N. Y.

HATCHER, ALLEN S., Northampton Textile Co., Mount Holly, N. J.

ROSENSTEIN, CHARLES, Rosenstein Brothers, 114 Fair Street, Paterson, N. J.

CLARKE, A. VINTON, The Orinoka Mills, 2747 Ruth Street, Philadelphia, Pa.

### SHOE MANUFACTURERS INDUSTRY

ALLEN, CHARLES E., Allen-Squire Co., Spencer, Mass.

BUSH, JOHN, Brown Shoe Co., 1600 Washington Avenue, St. Louis, Mo.

CURTIS, F. L., Curtis, Stevens & Co., Reading, Pa.	MILLER, FLAGG, I. Miller Shoe Co., N. Y. C.
EMERSON, FRED L., Dunn & McCarthy, Inc., Auburn, N. Y.	MORAN, J. L., Moran Shoe Co., Carlyle, Ill.
HERSHEY, L. V., Hagerstown Shoe & Legging Co., Hagerstown, Md.	NUNN, H. L., Nunn-Bush Shoe Co., 2822 North Fifth Street, Milwaukee, Wis.
GRAY, BYRON A., International Shoe Co., 1509 Washington Avenue, St. Louis, Mo.	O'DONNELL, F. J., Joseph M. Herman Shoe Co., Millis, Mass.
JARMAN, MAXEY, General Shoe Corporation, 513 Gallatin Street, Nashville, Tenn.	RONDEAU, H. O., H. O. Rondeau Shoe Co., Farmington, N. H.
JOHNSON, CHAS. F., JR., Endicott Johnson Corporation, Endicott, N. Y.	SELBY, ROGER A., Selby Shoe Co., Portsmouth, Ohio.
McELWAIN, J. F., J. F. McElwain Co., 140 Federal Street, Boston, Mass.	SIMPSON, FRANK, Little Falls Felt Slippers Co., Little Falls, N. Y.
	WEYENBERG, FRANK L., Weyenberg Shoe Manufacturing Co., 234 East Reservoir, Milwaukee Wis.

### SHOE RETAILERS INDUSTRY

BILLET, A. H., Rival Shoe Co., 147 East Forty-second Street, New York, N. Y.	METZGER, OWEN W., Wetherhold & Metzger, 719 Hamilton Street, Allentown, Pa.
EDISON, IRVING, Edison Brothers Shoe Co., St. Louis, Mo.	RICE, MARCUS, Shoes and Leather Goods, May Department Stores, Sixth and Olive Streets, St. Louis, Mo.
FISH, A. W., Wm. Filene's Sons Co., Boston, Mass.	SCHELL, FRANK J., Sears, Roebuck & Co., 925 South Homan Avenue, Chicago, Ill.
FRIEDMAN, MAX L., A. S. Beck Shoe Corporation, 25 West Forty-third Street, New York, N. Y.	THOMPSON, OSCAR, Thompson, Boland & Lee, Atlanta, Ga.
GEUTING, GEORGE, A. H. Geuting Co., Philadelphia, Pa.	TALBOT, JOHN C., J. C. Penney Co., 330 West Thirty-fourth St., New York, N. Y.
GUDE, A., Gude Shoe Co., Los Angeles, Calif.	TUFFLY, LOUIS F., Krupp & Tuffly, 901 Main Street, Houston, Tex.
HIRSCHLER, DAVID S., Hofheimer's, Inc., 325 Grande Street, Norfolk, Va.	VOLK, HAROLD, Volk Brothers Shoe Co., Dallas, Tex.
COBB, WM., Melville Shoe Corporation, 25 West Forty-third Street, New York, N. Y.	

### SOLE LEATHER INDUSTRY

BENNETT, ALLEN, Graton & Knight Co., Worcester, Mass.	BOYD, HENRY, Armour Leather Co., 173 North Franklin Street, Chicago, Ill.
BLOOM, SAMUEL, S. H. Frank & Co., 416 Battery Street, San Francisco, Calif.	COMLOQUOY, C. R., Pine Grove Tanning Co., Pine Grove, Philadelphia, Pa.

- FILOON, JOHN, V. & F. W. Filoon, 280 North Warren Avenue, Brockton, Mass.
- FITZGIBBONS, H., E. P. Fitzgibbons Co., Whitman, Mass.
- GARDNER, HARRY, American Oak Leather Co., 354 Congress Street, Boston, Mass.
- GRAY, BYRON A., International Shoe Co., 1509 Washington Avenue, St. Louis, Mo.
- JARMAN, MAXEY, General Shoe Corporation, 513 Gallatin Avenue, Nashville, Tenn.
- LAUB, RAY, George Laub's Sons, 1047 Clinton Street, Buffalo, N. Y.
- JOHNSON, CHAS. F., Jr., Endicott-Johnson Corporation, Endicott, N. Y.
- McELWAIN, J. F., J. F. McElwain Co., 140 Federal Street, Boston, Mass.
- NECTOW, SOL, A. C. Lawrence Leather Co., England-Walton Division, 210 South Street, Boston, Mass.
- O'BRIEN, J. P., Williams Cut Sole Co., 134 Beach Street, Boston, Mass.
- PERVERE, E. W., Howes Bros. Co., 321 Summer Street, Boston, Mass.
- POWELL, WALTER, Brown Shoe Co., 1600 Washington Avenue, St. Louis, Mo.
- SHEPPARD, L. B., Hanover Shoe Co., 220 Carlisle Street, Hanover, Pa.
- SILVERSTEEN, JOSEPH S., Toxaway Tanning Co., Brevard, N. C.
- WATSON, DAN, Watson Cut Sole Co., 9 Federal Court, Boston, Mass.
- WEYENBERG, FRANK, Weyenberg Shoe Manufacturing Co., 234 East Reservoir Avenue, Milwaukee, Wis.

#### SPECIALTY LEATHER MANUFACTURING INDUSTRY

- BECKMAN, G. E., California Tanning Co., St. Louis, Mo.
- GUNNISON, S. BOYD, Gunnison Brothers, Inc., Girard, Pa.
- HAFFNER, GUSTAVE, Haffner Brothers, Cincinnati, Ohio.
- HATTON, JULIAN B., Eagle Ottawa Leather Co., Grand Haven, Mich.
- HILL, H., Ashtabula Hide & Leather Co., Ashtabula, Ohio.
- LAUB, RAYMOND, Geo. Laub's Sons, Buffalo, N. Y.
- McCREE, DONALD, Lackawanna Leather Co., Hackettstown, N. J.
- RICE, ARTHUR, A. C. Lawrence Leather Co., Peabody, Mass.
- STERN, DAVID L., Gutmann & Co., Chicago, Ill.
- VANCE, R. E., Bona Allen, Inc., Buford, Ga.
- WELHAUSEN, C. C., Texas Tanning & Manufacturing Co., Yoakum, Tex.

#### TANNERS' SUPPLIES TECHNICAL INDUSTRY

- SCHUBERT, ADOLF, B. D. Eisen-drath Tanning Co., Racine, Wis.
- SCHULTZ, G. W., Proctor Ellison Co., Elkland, Pa.

#### WOMEN'S AND CHILDREN'S COATS, SUITS AND SPORTSWEAR CLOTHING INDUSTRY

- DEITSCH, SAM, Deitsch, Wersba & Coppola, Inc., 512 Seventh Avenue, New York, N. Y.
- ELLIS, SIDNEY, Ellis Coat Co., Inc., Manchester, Conn.
- ELOWSKY, S. M., Sporeens, Inc., 1359 Broadway, New York, N. Y.
- GOLDMAN, CHARLIE, Goldman Coat Co., Inc., 247 West Thirty-eighth Street, New York, N. Y.

- GOLDSPINNER, LOUIS, Progressive Garment Co., 121 West Nineteenth Street, New York, N. Y.
- HAFT, MORRIS, Morris W. Haft & Bros., Inc., 500 Seventh Avenue, New York, N. Y.
- HELLMAN, MAX, Hellman & Hellman, 212 West 35th Street, New York, N. Y.
- JABLOW, GEORGE, Aaron Goldstein, Inc., 530 Seventh Avenue, New York, N. Y.
- KAHN, MORRIS B., Rosenblatt & Kahn, 520 Eighth Avenue, New York, N. Y.
- KELLER, BERT, The Keller-Kohn Co., Twenty-third Avenue & Superior Street, Cleveland, Ohio.
- KLEIN, MAXWELL M., Klein & Klein Sportswear, Inc., 550 Seventh Avenue, New York, N. Y.
- LINKER, JACK, Linker & Herbert, Inc., 205 West Thirty-ninth Street, New York, N. Y.
- MANGONE, PHILIP, Mangone, Inc., 500 Seventh Avenue, New York, N. Y.
- MATLICK, MAX, Zelinka-Matlick, Inc., 512 Seventh Avenue, New York, N. Y.
- MAX, BARNEY, Sportswear Ltd., 818 South Broadway, Los Angeles, Calif.
- NELSON, HI, Julius Nelson Corp., 247 West Thirty-eighth Street, New York, N. Y.
- RESHOWER, ELBERT, Louis Greenberg & Bro., Inc., 520 Eighth Avenue, New York, N. Y.
- ROTHMAN, HENRY, Reisman, Rothman Corporation, 520 Eighth Avenue, New York, N. Y.
- SAFIR, LEO, Rabhor Robes, Empire State Building, New York, N. Y.
- SHERMAN, SAM, Sherman Bros. Rainwear Corporation, 205 West Thirty-ninth Street, New York, N. Y.
- SILBERT, HAROLD, Silbert & Sons, 218 East 8th Street, Los Angeles, Calif.
- SMOLEN, JACK, J. Smolen & Co., 561 Broadway, New York, N. Y.
- TRENCHER, K. M., Trencher-Belsky, Inc., 367 Worthington Street, Springfield, Mass.
- WEINSTOCK, MAX E., Rothmoor Corporation, 222 North Bank Drive, Chicago, Ill.
- WEISSMAN, FRED, Fred P. Weissman Co., Harrodsburg, Ky.

#### WOMEN'S AND CHILDREN'S DRESSES AND HOUSEDRESSES INDUSTRY

- BARRON, HARRY, Barron Dress Co., Boston, Mass.
- BERK, SAMUEL, Berk Co., 520 Eighth Avenue, New York, N. Y.
- BIBERMAN, J. M., Biberman Bros., Inc., Fifteenth and Mt. Vernon, Philadelphia, Pa.
- BOROSKIN, NAT, Lillian Dress Co., 275 Seventh Avenue, New York, N. Y.
- EISENBERG, SAM, Eisenberg, Inc. Merchandise Mart, 847 West Jackson Boulevard, Chicago, Ill.
- GERSHENOW, ROBERT, Wentworth Manufacturing Co., 1350 Broadway, New York, N. Y.
- GOLDSTEIN, MURRAY, Murray Goldstein, Inc., 818 South Broadway, Los Angeles, Calif.
- GOODMAN, A., A. Goodman & Co., 530 Seventh Avenue, New York, N. Y.
- GOODSTEIN, DAVID, David Goodstein, Inc., 550 Seventh Avenue, New York, N. Y.
- GUMPRECHT, CHARLES, Nettie Rosenstein, 36 West Forty-seventh Street, New York, N. Y.
- KALMAN, HENRY, Rosenthal & Kalman, 1400 Broadway, New York, N. Y.
- LANG, IRVING, Lang-Kohn, St. Louis, Mo.
- LIEF, LESTER, Marcy Lee, Dallas, Tex.

- LOVE, JOSEPH, Joseph Love, Inc., 1333 Broadway, New York, N. Y.
- LUBELL, J. J., Schleifer & Lubell, 520 Eighth Avenue, New York, N. Y.
- MAYER, HERBERT, Sterling Manufacturing Co., Chicago, Ill.
- MINTZ, JACK, Parisian Dress Co., 1400 Broadway, New York, N. Y.
- PLATT, MAX, E-Z on Frocks, 501 Seventh Avenue, New York, N. Y.
- PIRIE, ROBERT, Carson, Pirie, Scott & Co., 1366 West Adams Street, Chicago, Ill.
- REED, JAMES, Mrs., Donnelly Manufacturing Co., Kansas City, Mo.
- RENTNER, MAURICE, M. Rentner & Co., 498 Seventh Avenue, New York, N. Y.
- ROTH, JULES, Grey-Roth Frocks, 462 Seventh Avenue, New York, N.Y.
- SHULL, HARRY, Lee-Clare Costumes, 525 Seventh Avenue, New York, N.Y.
- SMITH, DAVID H., David H. Smith Co., Lynn, Mass.
- SONDHEIM, HERBERT, H. Sondheim & Co., 530 Seventh Avenue, New York, N. Y.
- STARR, FRANK, Starr-Norman, 530 Seventh Avenue, New York, N. Y.
- STERNGOLD, HARRY, University Frocks, 1400 Broadway, New York, N. Y.
- ZAHN, SAM, International Dress, 1400 Broadway, New York, N. Y.

#### WOMEN'S AND CHILDREN'S LINGERIE INDUSTRY

- BALTON, A. R., Chic Lingerie Co., Inc., 1126 Santee Street, Los Angeles, Calif.
- BERGER, HARRY, Kaylon, Inc., 180 Madison Avenue, New York, N. Y.
- CROOM, J. D., Jr., Randolph Underwear Co., Inc., Randleman, N. C.
- GREENBERG, MORTIMER J., Royal Undergarment Co., Inc., 148 Madison Avenue, New York, N. Y.
- HOCHMAN, SOL B., Chevette, Inc., 135 Madison Avenue, New York, N. Y.
- MISKEND, HERBERT L., Lande and Miskend, Inc., 16 East Thirty-fourth Street, New York, N. Y.
- MOYER, WALTER W., Ephrata, Pa.
- RITTER, GERALD, Barbizon Corporation, 148 Madison Avenue, New York, N. Y.
- SCHNEIERSON, A. J., I. Schneierson & Sons, Inc., 1350 Broadway, New York, N. Y.
- SNADER, H. B., Vanity Fair Silk Mills, Reading, Pa.
- SPRINGER, PHILIP, Phil Springer Co., Inc., 159 Madison Avenue, New York, N. Y.
- WITCOFF, ABE, Mutual Garment Co., 1727 Locust Street, St. Louis, Mo.
- WOLF, SEMON, Patricia Petticoat Co., Inc., 135 Madison Avenue, New York, N. Y.

#### WOMEN'S INDUSTRIAL GARMENT MANUFACTURERS INDUSTRY

- BERMAN, OSCAR, Crown Headlight Overall Co., 3rd and Plum Streets, Cincinnati, Ohio.
- BROOKS, P. Z., Betty Brooks Co., 6031 Maywood, Huntington Park, Calif.
- FAINBLATT, IRVING, Lee Sports-wear Co., 1350 Broadway, New York, N. Y.
- FITZGERALD, GEORGE L., Donnelly Garment Co., 1828 Walnut Street, Kansas City, Mo.
- GALVANI, A. J., The Sterling Co., 212 West Monroe Street, Chicago, Ill.
- HENNIGAN, T. A., Rice Stix Dry Goods Co., Tenth and Washington Avenue, St. Louis, Mo.

ISAACS, H. Z., I. C. Isaacs & Co., Bank and Grundy Streets, Baltimore, Md.	SCHRANK, M. C., M. C. Schrank, 152 Madison Avenue, New York, N. Y.
PIRKLE, L. J., E. R. Partridge, Inc., 157 South Pryor Street, Atlanta, Ga.	SMOLER, H., Boris Smoler & Sons, 3021 North Pulaski, Chicago, Ill.

### WOOD-SHANK INDUSTRY

LARCHAR, FORREST M., Wood Shank Production Division, United Shoe Machinery Corporation, 140 Federal Street, Boston, Mass.	LEWIS, JOHN, U. S. Pegwood & Shank Co., Brownville, Mo.
	NICKERSON, STACY M., Campello Shank Co., Campello, Mass.

### WOOL FLOOR COVERINGS INDUSTRY

ADAIR, H. J., Artloom Corporation, Allegheny Avenue and Front Street, Philadelphia, Pa.	KARAGHEUSIAN, M., A. and M. Karagheusian, Freehold, N. J.
BEERS, L. A., Institute of Carpet Manufacturers of America, Empire State Building, New York, N. Y.	KLEIN, F. B., Alex Smith & Sons Car- pet Co., Yonkers, N. Y.
DAVISON, C. HERBERT, Hightstown Rug Co., Hightstown, N. J.	LAW, JAMES G., The Magee Carpet Co., Bloomsburg, Pa.
DOERR, HERBERT E., Philadelphia Carpet Co., Allegheny Avenue and C Street, Philadelphia, Pa.	MASLAND, FRANK, Jr., C. H. Mas- land & Sons, Philadelphia, Pa. Mail- ing address: Carlisle, Pa.
HAGEN, PETER P., Charles P. Coch- rane Co., Philadelphia, Pa.	SHARP, BOYD, Hardwick and Magee Co., 650 West Lehigh Avenue, Phila- delphia, Pa.
HAINES, S. R., Roxbury Carpet Co., Saxonville, Mass.	SHUTTLEWORTH, HOWARD L., Mohawk Carpet Mills, Inc., Amster- dam, N. Y.
HODGES, LUTHER, Karastan Rug Mills, 82 Worth Street, New York, N. Y.	SWEETSER, JOHN A., Bigelow San- ford Carpet Co., Inc., Amsterdan, N. Y.
	WADELY, HAROLD E., Firth Carpet Co., Newburgh, N. Y.

### WOOLEN AND WORSTED MANUFACTURING INDUSTRY

BESSE, ARTHUR, 386 Fourth Avenue, New York, N. Y.	CUMMINGS, WILLARD H., Box 360, Newport, Maine.
BISHOP, C. M., Pendleton Woolen Mills, 218 Southwest Jefferson Street, Portland, Oreg.	DINWIDDIE, H. A., Charlottesville Woolen Mills, P. O. Box 18, Char- lottesville, Va.
BROWN, COL. MILLARD D., Con- tinental Mills, Inc., Lena and Armat Streets, Philadelphia, Pa.	HIRD, LEWIS A., Samuel Hird Sons, Inc., Garfield, N. J.
BUTLER, A. L., Chatham Manufac- turing Co., Elkin, N. C.	HOBBS, MARLAND C., Arlington Mills Co., 78 Chauncey Street, Bos- ton, Mass.
CARON, O. J., Caron Spinning Co., Rochelle, Ill.	HUTCHESON, J. L., JR., Peerless Woolen Mills, Rossville, Ga.

JOHNSON, COL. C. F. H., Botany Worsted Mills, 118 Dayton Avenue, Passaic, N. J.	RINDGE, FULTON, Ware-Hampshire Woolen Co., Ware, Mass.
NORTHRUP, W. G., JR., North Star Woolen Mill Co., 218 South Second Street, Minneapolis, Minn.	STEVENS, ABBOT, M. T. Stevens and Sons Co., North Andover, Mass.
PAYAN, FRANK, The French Worsted Co., Woonsocket, R. I.	WALTER, H. J., Uxbridge Worsted Co., Inc., Uxbridge, Mass.
PENDLETON, MOSES, American Woolen Co., 225 Fourth Avenue, New York, N. Y.	WEED, W. W., F. C. Huyck and Sons, 1940 Greeley Road, Albany, N. Y.
PRENDERGAST, THOMAS E., W. H. Prendergast Mills, Inc., Bridgeton, R. I.	WELLMAN, A. O., Nichols and Co., Inc., 140 Federal Street, Boston, Mass.

### WOOLEN AND WORSTED GOODS TRANSPORTATION INDUSTRY

HAMILTON, JAMES, American Woolen Co., 38 Chauncey Street, Boston, Mass.	RILEY, JOHN, JR., Nichols & Co., 140 Federal Street, Boston, Mass.
KELLER, ADRIAN, Draper & Co., 540 Atlantic Avenue, Boston, Mass.	RISING, FREDERICK G., Hallawell, Jones & Donald, 252 Summer Street, Boston, Mass.
NEWMAN, GEORGE, Winslow & Co., Boston, Mass.	STOREY, FRANK, M. T. Stevens & Sons Co., North Andover, Mass.

### WORK CLOTHING INDUSTRY

FENTON, P. E., Scovill Manufacturing Co., Waterbury, Conn.	KINNEY, B. F., H. D. Lee Mercantile Co., 20th and Wyandotte Streets, Kansas City, Mo.
FLY, J. O., Fly Manufacturing Co., Shelbyville, Tenn.	KNAPP, DAVID, Fox Knapp Co., 230 Fifth Avenue, New York, N. Y.
FRENCH, P. M., Southern Manufacturing Co., 1202-1204 Broad Street, Nashville, Tenn.	OSTERMAN, ALBERT, Fried Osterman & Co., Milwaukee, Wis.
GOLDBERG, MORRIS C., Keystone Coat & Apron Co., 315 North Twelfth Street, Philadelphia, Pa.	PEQUINOT, E. F., The Buckeye Overall Co., Versailles, Ohio.
GROEBL, OSCAR J., Levi Strauss & Co., Inc., 40 Worth Street, New York, N. Y.	PYKE, F. K., Pyke Manufacturing Co., 154 West Second South Street, Salt Lake City, Utah.
HABBEGER, C. T., Berne Manufacturing Co., Berne, Ind.	RUTTER, J., Rex Manufacturing Co., New Orleans, La.
JOBLIN, E. M., M. Fine & Sons Manufacturing Co., Inc., 40 Worth Street, New York, N. Y.	WALKER, W. L., Universal Button Fastener and Button Co., 2250 Fort Street W., Detroit, Mich.
JONES, L. H., Washington Manufacturing Co., 226 Second Avenue N., Nashville, Tenn.	WILLIAMSON, C. D., Williamson-Dickie Manufacturing Co., Fort Worth, Tex.

## WORK CLOTHING CLOSURES MANUFACTURING INDUSTRY

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| ANDERSON, C. E., Eastern Tool & Manufacturing Co., 141 Bloomfield Avenue, Bloomfield, N. J. | MAYNARD, GEORGE, United-Carr Fastener Corporation, 450 Main Street, Cambridge, Mass. |
| BALDWIN, THAYER, The Patent Button Works Co., Waterbury, Conn.                              | SALISBURY, JESSUP, American Buckle Co., West Haven, Conn.                            |
| EVANS, HARRY, Adjusta Co., 122 Fifth Avenue, New York, N. Y.                                | SHAILOR, PHILIP, The Autoyro Manufacturing Co., Oakville, Conn.                      |
| JANES, E. D., Scovill Manufacturing Co., 109 Mill Street, Waterbury, Conn.                  | WALKER, W. L., Universal Button Fastening & Button Co., 2250 Fort W., Detroit, Mich. |

## TIN-LEAD DIVISION

### ANTIMONY INDUSTRY

- BECHER, EUGEN, Metal and Thermit Corporation, New York, N. Y.
- EASTON, STANLEY, A., Bunker Hill & Sullivan Mining & Concentrating Co., Kellogg, Idaho.
- HARDY, R. M., Sunshine Mining Co., Yakima, Wash.
- KEGLER, V. L., Texas Mining & Smelting Co., Laredo, Tex.
- MATTHEWS, L. G., American Smelting & Refining Co., New York, N. Y.
- McGEAN, RALPH L., McGean Chemical Co., Cleveland, Ohio.
- SHALL, S. H., The Harshaw Chemical Co., Chrysler Building, New York, N. Y.

### METALLIC LEAD PRODUCTS MANUFACTURING INDUSTRY

- BOWLBY, J. M., Eagle-Picher Lead Co., Temple Bar Building, Cincinnati, Ohio.
- BROOKS, W. M., E. J. Brooks Co., 162 North Thirteenth Street, Newark, N. J.
- BURRUSS, DAVID N., Jr., Metals Refining Co. Division, The Glidden Co., Hammond, Ind.
- CUTTING, ROGER, H., Northwest Lead Co., 2700 Sixteenth Street, SW., Seattle, Wash.
- EWELL, B. F., Rochester Lead Works, Inc., 380 Exchange Street, Rochester, N. Y.
- GARDINER, R. A., Gardiner Metal Co., 4820 South Campbell Avenue, Chicago, Ill.
- HICKMAN, NORMAN, American Metal Co., Ltd., 61 Broadway, New York, N. Y.
- HIGHTOWER, S. N., Evans Metal Co., P. O. Box 97, Northside Branch, Atlanta, Ga.
- KNAPP, ALFRED P., American Smelting & Refining Co., 120 Broadway, New York, N. Y.
- MUSCAT, L., United American Metals Corporation, 196 Diamond Street, Brooklyn, N. Y.
- ROCKWELL, F. W., National Lead Co., 111 Broadway, New York, N. Y.
- WACK, DAMON, National Bearing Metals Corporation, 4930 Manchester Avenue, St. Louis, Mo.

### PRIMARY LEAD PRODUCERS INDUSTRY

- BROWNELL, F. H., American Smelting & Refining Co., 120 Broadway, New York, N. Y.
- COLCORD, F. F., U. S. Smelting, Refining & Mining Co., Inc., 57 William Street, New York, N. Y.
- CRANE, C. H., St. Joseph Lead Co., 250 Park Avenue, New York, N. Y.
- DWYER, R. E., Anaconda Copper Mining Co., 25 Broadway, New York, N. Y.
- EASTON, S. A., Bunker Hill & Sullivan Mining & Concentrating Co., Kellogg, Idaho.
- HICKMAN, NORMAN, American Metal Co., Ltd., 61 Broadway, New York, N. Y.
- MACKENZIE, A. G., Utah Metal Mine Operators Association, Kearns Building, Salt Lake City, Utah.
- WORMSER, F. E., Lead Industries Association, 420 Lexington Avenue, New York, N. Y.

## TOOLS DIVISION

### ABRASIVE INDUSTRY

- BATTS, ARTHUR, Carborundum Co., Niagara Falls, N. Y.
- BYERS, J. H., Abrasive Products Co., Lansdowne, Pa.
- COLE, R. R., Phosphate Division, Monsanto Chemical Co., 1700 South Second, St. Louis, Mo.
- DALTON, A. T., Chicago Wheel & Manufacturing Co., 1101 West Monroe, Chicago, Ill.
- GALLAHER, E. B., Clover Manufacturing Co., 327 Main Street, Norwalk, Conn.
- HARTY, W. A., Exolon Co., Blasdell, N. Y.
- JEPPSON, C. N., Norton Co., Worcester, Mass.
- KUZMICK, J., Abrasive Wheel Department, Manhattan Rubber Manufacturing Division of Raybestos Manhattan, Inc., Passaic, N. J.
- LEISHMAN, W. B., Gardner Machine Co., Beloit, Wis.
- MCINTYRE, T. J., Macklin Co., Jackson, Mich.
- MCKNIGHT, W. L., Minnesota Mining & Manufacturing Co., St. Paul, Minn.
- MCLEAN, J. W., Abrasive Co., Philadelphia, Pa.
- PARKER, A. V., General Abrasive Co., Niagara Falls, N. Y.
- SHUTTLEWORTH, P. R., Allison Co., 257 Island Brook Avenue, Bridgeport, Conn.
- WILLIAMS, H. D., Washington Mills Abrasive Co., North Grafton, Mass.

### ANTI-FRICTION BEARING INDUSTRY

- BURKHOLDER, F. O., Ahlberg Bearing Co., 3025 West Forty-seventh Street, Chicago, Ill.
- CARLETON, GEORGE, Nice Ball Bearing Co., Thirtieth and Nicetown Lane, Philadelphia, Pa.
- DAVIS, A. C., Marlin-Rockwell Corporation, Jamestown, N. Y.
- HUGHES, FREDERICK G., New Departure Division, General Motors Corporation, Bristol, Conn.
- MEISTER, H. O. K., Hyatt Bearing Division, General Motors Corporation, Harrison, N. J.
- MOYER, R. F., Standard Machinery Co., Providence, R. I.
- NICHOLS, R. B., Bantam Bearings Corporation, South Bend, Ind.
- STRICKLAND, S. A., Bower Roller Bearing Co., 3040 Hart Avenue, Detroit, Mich.
- STROM, G. A., Strom Steel Ball Co., 1850 South Fifty-fourth Avenue, Chicago, Ill.
- TALCOTT, C. H., The Torrington Co., Torrington, Conn.
- UMSTATTD, WM. E., Timken Roller Bearing Co., Canton, Ohio.
- WOLLMAR, S. F., SKF Industries, Inc., Philadelphia, Pa.

## BROACH INDUSTRY

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|--|---|
| ENGLAND, FRANK W., Illinois Tool Works, Chicago, Ill.            | McGRAW, FRANK, Michigan Broach Co., 5281 Avery at Kirby, Detroit, Mich.     |
| HALBORG, CARL J., Colonial Broach Co., Detroit, Mich.            | PRINDVILLE, J. J., JR., LaPointe Machine Tool Co., Hudson, Mass.            |
| LAPOINTE, FRANK, American Broach & Machine Co., Ann Arbor, Mich. | VON REIS, GUSTAV, Detroit Broach Co., 20201 Sherwood Avenue, Detroit, Mich. |

## DIE HEAD, CHASER, AND COLLAPSIBLE-TAP INDUSTRY

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| BETTCHER, C. W., Eastern Machine Screw Corporation, Truman and Barclay Streets, New Haven, Conn. | KIRKPATRICK, C. N., Landis Machine Co., Waynesboro, Pa. |
| FUSSNER, HARRY, National Aeme Co., 170 East One Hundred Thirty-First Street, Cleveland, Ohio.    | RICKERT, A. A., Rickert & Shafer, Erie, Pa.             |
|  | SNEYD, JAMES W., Geometric Tool Co., New Haven, Conn.   |

## DRILL AND REAMER INDUSTRY

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| CALDWELL, W. E., Cleveland Twist Drill Co., Cleveland, Ohio.                           | McGREGOR, HOWARD L., National Twist Drill & Tool Co., Detroit, Mich.             |
| COGSDILL, S. A., Cogsdill Twist Drill Co., 6511 Epworth Boulevard, Detroit, Mich.      | MORRISON, FRANK, W. L. Brubaker & Co., Millersburg, Pa.                          |
| FRANTZ, R. H., Wayne Tool Co., Waynesboro, Pa.   | REINHART, EARL, Republic Drill & Tool Co., 322 South Green Street, Chicago, Ill. |
| HERRLICH, ROY C., Detroit Reamer & Tool Co., 2830 East Seven Mile Road, Detroit, Mich. | SIKOROVSKY, FRANK, Ampco Twist Drill Co., Jackson, Mich.                         |
| KEARINS, M. J., United Drill & Tool Corporation, Detroit, Mich.                        | WOLFE, R. H., Arrow Tool & Reamer Co., 418-422 Livernois Avenue, Detroit, Mich.  |
| LOY, W. E., Union Twist Drill & Tool Co., Athol, Mass.                                 |  |

## INDUSTRIAL FILE INDUSTRY

- |   |  |
|---|--|
| GERE, M. E., Morcott & Campbell, 582 Union Avenue, Brooklyn, N. Y.          | MURFEY, A. A., Cleveland File Co., 3400 Hamilton Avenue, Cleveland, Ohio.            |
| GREEN, FRANK P., Delta File Co., 4837 James Street, Philadelphia, Pa.       | SHURTS, F. E., American Swiss File & Tool Co., 410 Turnbull Street, Elizabeth, N. J. |
| NOLL, EDWARD L., Nolvex File Co., 10329 Detroit, Cleveland, Ohio.           | STOUT, FRED, Heller Brothers Co., Newark, N. J.                                      |
| MARSHALL, J. HARRY, Nicholson File Co., 193 Acron Street, Providence, R. I. |  |

## LATHE CHUCK INDUSTRY

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|---|--|
| BARNASKEY, A. P., Westcott Chuck Co., Oneida, N. Y.               | REGAN, JOSEPH C., E. Horton & Sons Co., Windsor Locks, Conn. |
| GREENBERG, L. W., L. W. Chuck Co., Toledo, Ohio.                  | SLOAN, HARRY, Cushman Chuck Co., Hartford, Conn.             |
| HUBBELL, H. S., T. R. Almond Manufacturing Co., Ashburnham, Mass. | THORNTON, A. E., Skinner Chuck Co., New Britain, Conn.       |
| NEUMANN, CARL S., Union Manufacturing Co., New Britain, Conn.     | WHITON, L. E., D. E. Whiton Machine Co., New London, Conn.   |

## LIGHT POWER-DRIVEN MACHINERY MANUFACTURING INDUSTRY

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|---|---|
| BALLMAN, E., Baldor Electric Co., 4351-59 Duncan Avenue, St. Louis, Mo. | HEDGEPATH, ROY, Duro Metal Products Co., Kildare & Schubert Streets, Chicago, Ill.    |
| BUEHRER, M. H., Boice-Crane Co., 930 West Central Avenue, Toledo, Ohio. | PENNIMAN, J. E. Atlas Press Co., 130 West Forty-second Street, New York, N. Y.        |
| CAREY, J. A., Walker-Turner Co., Inc., Plainfield, N. J.                | TATE, JAMES, The Delta Manufacturing Co., 600-634 East Vienna Avenue, Milwaukee, Wis. |
| HAMILTON, L. H., The Dumore Co., 506 Fourteenth Street, Racine, Wis.    | WALLACE, J. D., J. D. Wallace and Co., 134 South California Avenue, Chicago, Ill.     |

## MACHINE TOOLS INDUSTRY

- |   |  |
|---|--|
| BEAL, H. S., C. B. Cottrell & Sons Co., Westerly, R. I.                   | KIRK, W. P., Pratt & Whitney Division, Niles Bement Pond, Hartford, Conn.                                  |
| BRYANT, A. G., Cleereman Machine Tool Co., Green Bay, Wis.                | LEBLOND, R. E., R. K. Leblond Machine Tool Co., Cincinnati, Ohio.  |
| BURK, RALPH W., Kearney & Trecker Corporation, Milwaukee, Wis.            | MACCONNELL, D. N., Machinery Manufacturing Co., 1915 East Fifty-first Street (Vernon), Los Angeles, Calif. |
| DUNBAR, H. W., Norton Co., Worcester, Mass.                               | MILLER, J. F., Ex-Cell-O-Corporation, Detroit, Mich.   |
| EGGERS, A. H., Greenlee Brothers & Co., Rockford, Ill.                    | ROSS, T. S., Rivet Lathe & Grinder, Inc., 18 Riverview Road, Boston, Mass.                                 |
| FLANDERS, RALPH E., Jones & Lamson Machine Co., Springfield, Vt.          | TANGEMAN, W. W., Cincinnati Milling Machine and Cincinnati Grinders, Inc., Cincinnati, Ohio.               |
| INGLE, ARTHUR H., Consolidated Machine Tool Corporation, Rochester, N. Y. | WHITING, R. J., The Hydraulic Press Manufacturing Co., Mount Gilead, Ohio.                                 |
| INGRAM, R. F., Landis Tool Co., Waynesboro, Pa.                           |  |

## MACHINIST AND BENCH VISE INDUSTRY

- BACON, E. W., Erie Tool Works, Erie, Pa.
- KESSLER, M., Athol Machine & Foundry Co., Athol, Mass.
- McARTHUR, F. M., Yost Manufacturing Co., Meadville, Pa.
- McCONNELL, R. S., Desmond-Stephan Co., Urbana, Ohio.
- MORGAN, GEORGE, JR., Morgan Vise Co., 108 North Jefferson Street, Chicago, Ill.
- MULFORD, ELMER, Prentiss Vise Co., 302 Broadway, New York, N. Y.
- PARKER, CHARLES S., Charles Parker Co., Meriden, Conn.
- RILLING, E. L., Hollands Manufacturing Co., Erie, Pa.
- SAWYER, WILLIAM F., Sawyer Foundry & Machine Co., Oswego, N. Y.
- SEYMOUR, H. F., The Columbian Vise & Manufacturing Co., 9021 Bessemer, Cleveland, Ohio.
- SIMMONS, RICHARD J., Birtman Electric Co., 4140 Fulerton Avenue, Chicago, Ill.
- SWIFT, W. S., American Scale Co., Kansas City, Mo.
- WRIGHT, P. D., Reed Manufacturing Co., Erie, Pa.

## MILLING CUTTER AND FORM TOOL INDUSTRY

- ENGLAND, FRANK W., Illinois Tool Works, 2501 North Keeler Avenue, Chicago, Ill.
- GAIRING, E., Gairing Tool Co., 21221 Hoover Road, Detroit, Mich.
- GODDARD, A. N., Goddard & Goddard Co., Inc., Detroit, Mich.
- GORHAM, L. C., Gorham Tool Co., 14400 Woodrow Wilson, Detroit, Mich.
- LOY, W. E., Union Twist Drill Co., Athol, Mass.
- MACHON, CECIL W., Brown & Sharpe Manufacturing Co., Providence, R. I.
- McGREGOR, HOWARD L., National Twist Drill & Tool Co., Detroit, Mich.
- MICHELL, ROY C., Eclipse Counterbore Co., 7430 Saint Aubin Avenue, Detroit, Mich.
- MILLER, E. W., Fellows Gear Shaper Co., Springfield, Vt.
- PARKER, EARL, Barber-Colman Co., Rockford, Ill.
- PUTNAM, ERNEST C., Putnam Tool Co., 2981 Charlemox Avenue, Shelton, Conn.
- REANEY, E., O. K. Tool Co., Inc., Shelton, Conn.
- SEILER, PAUL, Motor Tool Manufacturing Co., 7777 Courtland Avenue, Detroit, Mich.
- ZERKLE, PAUL, National Tool Co., 11200 West Madison Avenue, Cleveland, Ohio.

## ROTARY FILE AND BURR INDUSTRY

- CURRY, MORGAN, Research Tool Co., Saginaw, Mich.
- JARVIS, MARSHALL, Charles L. Jarvis Co., Middletown, Conn.
- KELLER, ALEX, Keller-Flex Division, Pratt & Whitney, West Hartford, Conn.
- LEWIS, B. C., B. C. Lewis Co., Brooklyn, N. Y.
- MARTINDALE, E. H., Martindale Electric Co., Cleveland, Ohio.
- MERTENS, CHARLES A., Rotary File Co., 384 Seymour Street, Stratford, Conn.
- MORENCY, FRANK, M. A. Ford Manufacturing Co., 415 Pershing Street, Davenport, Iowa.
- SEVERANCE, R. M., Severance Tool Co., Saginaw, Mich.

## TAP AND DIE INDUSTRY

- DALZEN, W. M., Dalzen Tool & Manufacturing Co., 12255 East Eight Mile, Detroit, Mich.
- LINCOLN, L. A., Bay State Tap & Die, Mansfield, Mass.
- LOY, W. E., S. W. Card Division, Union Twist Drill Co., Mansfield, Mass.
- MILLAR, D. G., Greenfield Tap & Die Co., Greenfield, Mass.
- NESTOR, E. W., Reiff & Nestor, Lykens, Pa.
- POND, CHARLES M., Pratt & Whitney Division, Niles-Bement Pond Co., West Hartford, Conn.
- WINTER, J. E., Winter Brothers Co., Wrentham, Mass.
- WOOD, F. H., Wood & Spencer Co., 1930 East Sixty-first Street, Cleveland, Ohio.

## UNIVERSAL ELECTRIC TOOL INDUSTRY

- BLACK, D. G., Syntron Co., Homer City, Pa.
- BLACK, S. D., Biack & Decker Manufacturing Co., Towson, Md.
- CLARK, KENNEDY H., Jas. Clark, Jr., Electric Co., 600 East Bergman Street, Louisville, Ky.
- DECKER, A. G., JR., Van Dorn Electric Tool Co., 600 East Pennsylvania Avenue, Towson, Md.
- HAHN, C. E., Cincinnati Electrical Tool Co., Madison & Edwards Road., Cincinnati, Ohio.
- HAMILTON, R. L., Dumore Co., Racine, Wis.
- HURLEY, NEIL C., JR., Independent Pneumatic Tool Co., 600 West Jackson Boulevard, Chicago, Ill.
- KNOUSE, I. M., Stanley Electric Tool Division, Stanley Works, New Britain, Conn.
- MALL, A. W., Mall Tool Co., 7740 South Chicago, Chicago, Ill.
- MORRISON, E. E., Albertson & Co., Sioux City, Iowa.
- PENNIMAN, JOHN E., Power King Tool Corporation, 1941 Heinz Street, Warsaw, Ind.
- RIDINGS, D. J., Porter-Cable Machine Co., Syracuse, N. Y.
- RISTAU, E. W., Skilsaw, Incorporated, Chicago, Ill.
- ROGERS, PHILIP, Millers Falls Co., 57 Wells Street, Greenfield, Mass.
- SCACE, STEVEN, Speedway Manufacturing Co., 1834 South Fifty-second Avenue, Cicero, Ill.
- SMITH, GEO. E., U. S. Electrical Tool Co., Cincinnati, Ohio.
- TIDEMAN, H. F., Signal Electric Manufacturing Co., 600 West Jackson Boulevard, Chicago, Ill.
- WALKER, L. J., Chicago Pneumatic Tool Co., Six East Forty-fourth Street, New York, N. Y.
- WILLEY, J. F., Louisville Electric Manufacturing Co., Louisville, Ky.
- WODACK, O. P., Wodack Electric Tool Corporation, Chicago, Ill.
- WYZENBEEK, ANDREW, Wyzenbeek & Staff, Inc., 838 West Hubbard Avenue, Chicago, Ill.

## TRANSPORTATION EQUIPMENT DIVISION

### BUS MANUFACTURING INDUSTRY

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| BABCOCK, I. B., General Motors<br>Truck & Coach Division, Yellow<br>Truck & Coach Manufacturing Co.,<br>Pontiac, Mich. | HAUER, ROY A., Mack-International<br>Motor Truck Corporation, Long Is-<br>land, N. Y. |
| FAGEOL, F. R., Twin Coach Co.,<br>Kent, Ohio.  | SCHIVELY, Y. R., The Wayne Works,<br>Richmond, Ind.                                   |
| FEENEY, F. W., Fitzjohn Coach Co.,<br>Muskegon, Mich.  | SNEAD, IRA, The White Motor Co.,<br>Cleveland, Ohio.                                  |
| GEISLER, FRANK, Transit Buses,<br>Inc., Dearborn, Mich.  | WEBER, C. W., Electric Service Sup-<br>plies Co., Philadelphia, Pa.                   |
| BEATTY, WILLIAM J., The J. G.<br>Brill Co., Philadelphia, Pa.  | YOUNG, H. H., The Flexible Co.,<br>Loudonville, Ohio.                                 |

### RAILROAD INDUSTRY

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|--|--|
| ARMSTRONG, V. C., Poor and Com-<br>pany, Inc., New York, N. Y.                   | HEDGCOCK, W. E., American Car &<br>Foundry Co., New York, N. Y.            |
| BOWER, W. C., New York Central,<br>New York, N. Y.                               | HILL, J. B., Louisville and Nashville<br>Railroad, Louisville, Ky.         |
| BROOKE, GEORGE, Chesapeake &<br>Ohio, Cleveland, Ohio.                           | LIDDLE, C. A., Pullman-Standard<br>Car Manufacturing Co., Chicago,<br>Ill. |
| BUDD, RALPH, Chicago, Burlington<br>& Quincy R. R., Chicago, Ill.                | LIVINGSTON, F. A., Ralston Steel<br>Car Co., Columbus, Ohio.               |
| DOWN, S. G., Westinghouse Air Brake<br>Co., Pittsburgh, Pa.                      | MACENULTY, J. F., Pressed Steel<br>Car Co., Inc., New York, N. Y.          |
| ENGEL, E. J., Atchison, Topeka, and<br>Santa Fe, Chicago, Ill.                   | MERCIER, A. T., Southern Pacific,<br>San Francisco, Calif.                 |
| ERNST, F. B., American Steel Found-<br>ries Co., Chicago, Ill.                   | MORSE, R. C., The Pennsylvania Rail-<br>road, Philadelphia, Pa.            |
| EVANS, T. M., H. K. Porter, Inc.,<br>Pittsburgh, Pa.                             | NANCE, O. H., Canton Railroad Co.,<br>Baltimore, Md.                       |
| FRANK, A. A., Standard Railway<br>Equipment, Chicago, Ill.                       | NORRIS, E. E., Southern Railway,<br>Washington, D. C.                      |
| GAVIN, F. J., Great Northern, St.<br>Paul, Minn.                                 | PHELPS, ALVA W., Electro-Motive<br>Corporation, La Grange, Ill.            |
| GIVEN, WILLIAM B., JR., American<br>Brake Shoe & Foundry Co., New<br>York, N. Y. | PIDCOCK, C. W., JR., Georgia Northern<br>Railway, Moultrie, Ga.            |
| HARMAN, W. H., Baldwin Locomotive<br>Works, Philadelphia, Pa.                    | WHITEHEAD, CHARLES P., General<br>Steel Castings Co., Eddystone, Pa.       |

## LOCOMOTIVE INDUSTRY

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|---|---|
| BEVEN, J. L., Illinois Central Railroad,<br>135 E. Eleventh Place, Chicago,<br>Ill.             | EVANS, T. M., H. K. Porter, Inc.,<br>Forty-Ninth and Harrison Streets,<br>Pittsburgh, Pa. |
| BRINLEY, C. E., Baldwin Locomotive<br>Works, Eddystone, Pa.                                     | FRASER, D. W., American Locomotive<br>Co., 30 Church Street, New York,<br>N. Y.           |
| BUCHER, G. H., Westinghouse E. &<br>M. Co., East Pittsburgh, Pa.                                | HOLDER, E. P., Vulcan Iron Works,<br>Wilkes-Barre, Pa.                                    |
| CHADWICK, W., Davenport-Besler<br>Co., Davenport, Iowa.   | JENKS, W. J., Norfolk & Western Rail-<br>road, Roanoke, Va.                               |
| CLEMENT, M. W., Pennsylvania<br>Railroad, Broad Street Station Build-<br>ing, Philadelphia, Pa. | ROOT, J. A., Fate-Root-Heath Co.,<br>607 Riggs Road, Plymouth, Ohio.                      |
| DIXON, J. E., Lima Locomotive Works,<br>60 East Forty-Second Street, New<br>York, N. Y.         | SWOPE, GERARD, General Electric<br>Co., 570 Lexington Avenue, New<br>York, N. Y.          |
| EISEMAN, P. B., Brookville Locomo-<br>tive Co., Brookville, Pa.                                 | WILSON, C. E., General Motors Cor-<br>poration, Detroit, Mich.                            |

## RAILROAD SPECIALTY STEEL CASTINGS INDUSTRY

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| ERNST, F. B., American Steel Found-<br>ries, Chicago, Ill.     | SAUER, J. A., Symington-Gould Cor-<br>poration, Rochester, N. Y. |
| JOHNSON, GEORGE T., Buckeye<br>Steel Castings, Columbus, Ohio. |  |

## ZINC DIVISION

### COPPER, LEAD, AND ZINC PRODUCERS INDUSTRY

- |   |   |
|---|---|
| BIEN, A. J., American Metal Co., Ltd.,<br>61 Broadway, New York, N. Y.                | SCHWEITZER, A. C., U. S. Steel Cor-<br>poration, 961 Frick Building Annex,<br>Pittsburgh, Pa.               |
| BROWN, J. W., E. I. du Pont de<br>Nemours, Inc., Wilmington, Del.                     | TAYLOR, R. E., Kennecott Copper<br>Corporation, 582 Market Street, San<br>Francisco, Calif.                 |
| BUTLER, C. A., Anaconda Copper<br>Mining Co., 25 Broadway, New<br>York, N. Y.         | TUCKWOOD, O. W., American Smelt-<br>ing & Refining Co., 120 Broadway,<br>New York, N. Y.                    |
| GRAY, H. A., Eagle Picher Mining Co.,<br>Joplin, Mo.                                  | VICTOR, OMAR O., U. S. Smelting &<br>Refining & Mining Co., 906 Newhouse<br>Building, Salt Lake City, Utah. |
| LEE, JAMES W., Phelps Dodge Copper<br>Corporation, 40 Wall Street, New<br>York, N. Y. | WORRELL, N. S., American Zinc Lead<br>& Smelting Co., Paul Brown Build-<br>ing, St. Louis, Mo.              |
| PATTON, WALTER G., St. Joseph<br>Lead Co., 250 Park Avenue, New<br>York, N. Y.        |   |

### ZINC PRODUCERS INDUSTRY

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|---|---|
| BROWNELL, KENNETH C., Amer-<br>ican Smelting & Refining Co., 120<br>Broadway, New York, N. Y.     | KLAUSTERMEYER, C. H., Metals<br>and Ore Division, Grasselli Chemical<br>Division, E. I. du Pont de Nemours<br>& Co., Wilmington, Del. |
| CHESNEY, FRANK E., American<br>Steel & Wire Co., Rockefeller Build-<br>ing, Cleveland, Ohio.      | LOHMAN, H. W., United Zinc Smelt-<br>ing Co., Moundsville, W. Va.   |
| CORNELL, IRWIN H., St. Joseph<br>Lead Co., 250 Park Avenue, New<br>York, N. Y.                    | McCLURKIN, ROBERT, Matthiessen<br>& Hegeler Zinc Co., La Salle, Ill.  |
| DWYER, ROBERT E., Anaconda<br>Copper Mining Co., 25 Broadway,<br>New York, N. Y.                  | POMEROY, J. M., General Smelting<br>Co., Westmoreland & Richmond<br>Streets, Philadelphia, Pa.  |
| ELKAN, BENNO, International Min-<br>erals & Metals Corporation, 11 Broad-<br>way, New York, N. Y. | POTTER, GEORGE W., Eagle Picher<br>Mining & Smelting Co., Fifth and<br>Pearl Streets, Joplin, Mo.                                     |
| HAVEY, MARSHALL L., The New<br>Jersey Zinc Co., 160 Front Street,<br>New York, N. Y.              | STANTON, A. E., American Zinc,<br>Lead & Smelting Co., 16th Floor,<br>Paul Brown Building, St. Louis, Mo.                             |
| HEGELER, JULIUS, Hegeler Zinc Co.,<br>Danville, Ill.  | ZIMMER, BERNARD N., American<br>Metal Co., Ltd., 61 Broadway, New<br>York, N. Y.  |



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# WAR PRODUCTION BOARD

## FIELD OFFICES

### DISTRICT OFFICES

Akron, Ohio, 618-19 Central Tower  
Albany, N. Y., 112 State St.  
Albuquerque, N. M., 103½ W. Central Av.  
Allentown, Pa., 506 Hamilton St.  
Appleton, Wis., 341 College Ave.  
Atlanta, Ga., 116 Candler Bldg.  
Baltimore, Md., 1054 Baltimore Trust Bldg.  
Birmingham, Ala., 322 Phoenix Bldg.  
Bismarck, N. Dak., First Natl. Bank Bldg.  
Boise, Idaho, Capital Securities Bldg.  
Boston, Mass., 17 Court St.  
Bridgeport, Conn., 144 Golden Hill St.  
Brooklyn, N. Y., 16 Court St.  
Buffalo, N. Y., 1138 Rand Bldg.  
Camden, N. J., 300 Broadway  
Canton, Ohio, 601 Commercial Bldg.  
Casper, Wyo., P. & R. Bldg.  
Charleston, W. Va., 34 Capitol City Bldg.  
Charlotte, N. C., Charlotte Law Bldg.  
Chattanooga, Tenn., 911 James Bldg.  
Chester, Pa., 12-14 E. Fifth St.  
Chicago, Ill., 226 W. Jackson Blvd.  
Cincinnati, Ohio, 34 E. Fourth St.  
Clarksville, W. Va., Empire Natl. Bk. Bl.  
Cleveland, O., 1300 Union Commerce Bldg.  
Columbia, S. C., 204 Manson Bldg.  
Columbus, Ohio, 513 East Town Bldg.  
Dallas, Tex., 910 Fidelity Bldg.  
Davenport, Iowa, 404 Kahl Bldg.  
Dayton, Ohio, 129 S. Ludlow St.  
Decatur, Ill., 308 Standard Office Bldg.  
Denver, Colo., Kittredge Bldg.  
Des Moines, Iowa, 600 Liberty Bldg.  
Detroit, Mich., 7310 Woodward Ave.  
Duluth, Minn., 307 Christie Bldg.  
Eau Claire, Wis., 128½ Graham Ave.  
El Paso, Tex., 411 Caples Bldg.  
Erie, Pa., Erie Trust Co. Bldg.  
Evansville, Ind., 8 Koenig Bldg.  
Fargo, N. Dak., 400 Universal Bldg.  
Fort Smith, Ark., Kelley Bldg.  
Fort Wayne, Ind., 410 Utility Bldg.  
Fresno, Calif., Mattei Bldg.  
Gary, Ind., 926 Gary State Bank Bldg.  
Gr. Rapids, Mich., 1004 Mich. Natl. Bk. Bl.  
Greenville, S. C., Palmetto Bldg.  
Harrisburg, Pa., 112 Market St.  
Hartford, Conn., 119 Ann St.  
Helena, Mont., Power Block Annex  
Houston, Tex., Electric Bldg.  
Huntington, W. Va., 309-11 W. Virginia Bl.  
Indianapolis, Ind., Circle Tower Bldg.  
Iron Mountain, Mich., 400 Commercial Natl. Bank Bldg.  
Jackson, Miss., 605 Tower Bldg.  
Jacksonville, Fla., G. Washington Hotel Anx.  
Johnstown, Pa., U. S. Natl. Bank Bldg.  
Joplin, Mo., Joplin Natl. Bank Bldg.  
Kansas City, Mo., Mutual Interstate Bldg.  
Knoxville, Tenn., 203 Goode Bldg.  
Lancaster, Pa., Woolworth Bldg.  
Lima, Ohio, 4th Fl., Colonial Finance Bldg.  
Little Rock, Ark., 308 Pyramid Bldg.  
Los Angeles, Calif., 1031 S. Broadway  
Louisville, Ky., Todd Bl., 4th & Market Sts.  
Lowell, Mass., 8 Merrimac St.

Madison, Wis., 405 Washington Bldg.  
Manchester, N. H., Amoskeag Ind. Bldg.  
Memphis, Tenn., 1821 Sterick Bldg.  
Miami, Fla., 701 Congress Bldg.  
Milwaukee, Wis., 7048 Plankinton Bldg.  
Minneapolis, Minn., 344 Midland Bank Bldg.  
Mobile, Ala., First National Bank Bldg.  
Montpelier, Vt., 84 State St.  
Nashville, Tenn., 1013 Stahlman Bldg.  
Newark, N. J., Globe Indemnity Bldg.  
New Haven, Conn., 152 Temple St.  
New Orleans, La., 442 Canal Bldg.  
New York, N. Y., Chanin Bl., 122 E. 42d S.  
Norfolk, Va., 528 Dickson Bldg.  
Norristown, Pa., Norristown Penn Tr. Bl.  
Oakland, Calif., 1924 Broadway  
Oklahoma City, Okla., Key Bldg.  
Omaha, Nebr., City Natl. Bank Bldg.  
Ottawa, Canada, Temporary "3" Bldg.  
Peoria, Ill., 1107 Alliance Life Bldg.  
Philadelphia, Pa., 1617 Pennsylvania Blvd.  
Phoenix, Ariz., Security Bldg.  
Pittsburgh, Pa., 800 First Natl. Bank Bldg.  
Portland, Maine, 142 High St.  
Portland, Oreg., Bedell Bldg.  
Providence, R. I., 530 Industrial Tr. Bldg.  
Pueblo, Colo., 310-A, 310-C, Post Office Bl.  
Raleigh, N. C., 806 Capitol Club Bldg.  
Reading, Pa., 615 Pennsylvania St.  
Reno, Nev., Saviers Bldg.  
Richmond, Va., 10 S. Fifth St.  
Roanoke, Va., 118 Kirk Ave.  
Rochester, N. Y., 707 Commerce Bldg.  
Rockford, Ill., 621 Gas & Electric Bldg.  
Sacramento, Calif., Farmers' & Mechs' Bl.  
Saginaw, Mich., 614 Peoples Bldg. & Loan  
Salt Lake City, Utah, Atlas Bldg.  
San Antonio, Tex., Majestic Bldg.  
San Diego, Calif., 1126 San Diego Tr. & Savings Bldg.  
San Francisco, Calif., 1355 Market St.  
San Juan, Puerto Rico, Building B, Stop 8  
Scranton, Pa., First National Bank Bldg.  
Seattle, Wash., White-Henry-Stuart Bldg.  
Shreveport, La., Ardis Bldg.  
Sioux Falls, S. Dak., Western Surety Bl.  
South Bend, Ind., 206 City National Bank  
Spokane, Wash., Sun Life Assurance Bldg.  
Springfield, Ill., 407 Leland Office Bldg.  
Springfield, Mass., 1200 Main St.  
St. Louis, Mo., Paul Brown Bldg.  
Syracuse, N. Y., 224 Harrison St.  
Tampa, Fla., 901 Wallace S. Bldg.  
Toledo, Ohio, 833 Security Bank Bldg.  
Trenton, N. J., City Center Bldg.  
Tucson, Ariz., 68 E. Congress St.  
Tulsa, Okla., Petroleum Bldg.  
Utica, N. Y., First National Bank Bldg.  
Wausau, Wis., 408 Third St.  
Wheeling, W. Va., Fidelity Bldg.  
Wichita, Kans., 1314 Union Natl. Bk. Bl.  
Wilkes-Barre, Pa., 53 W. Market St.  
Williamsport, Pa., 120 W. Fourth St.  
Wilmington, Del., 314 Pennsylvania Bldg.  
Worcester, Mass., 340 Main St.  
York, Pa., 25 N. Duke St.  
Youngstown, O., 1002 Union Natl. Bk. Bl.

### REGIONAL OFFICES

Region 1—Boston, Mass., 17 Court St.  
Region 2—New York, N. Y., Chanin Bldg., 122 E. 42d St.  
Region 3—Philadelphia, Pa., 1617 Pennsylvania Blvd.  
Region 4—Atlanta Ga., 116 Candler Bldg.  
Region 5—Cleveland, Ohio, 1300 Union Commerce Bldg.  
Region 6—Chicago, Ill., 226 W. Jackson Blvd.

Region 7—Kansas City, Mo., Mutual Interstate Bldg.  
Region 8—Dallas, Tex., 910 Fidelity Bldg.  
Region 9—Denver, Colo., Kittredge Bldg.  
Region 10—San Francisco, 1355 Market St.  
Region 11—Detroit, Mich., 7310 Woodward Ave.  
Region 12—Minneapolis, Minn., 344 Midland Bank Bldg.

