

The
Chase National Bank

OF THE CITY OF NEW YORK

CAPITAL \$148,000,000

SURPLUS \$124,000,000

DEPOSITS (DECEMBER 31, 1931) \$1,459,114,886.43

RAND McNALLY
BANKERS DIRECTORY

JANUARY 1932

PUBLISHED IN MARCH

A. G. Becker & Co.

Bonds · Commercial Paper
Investment Stocks

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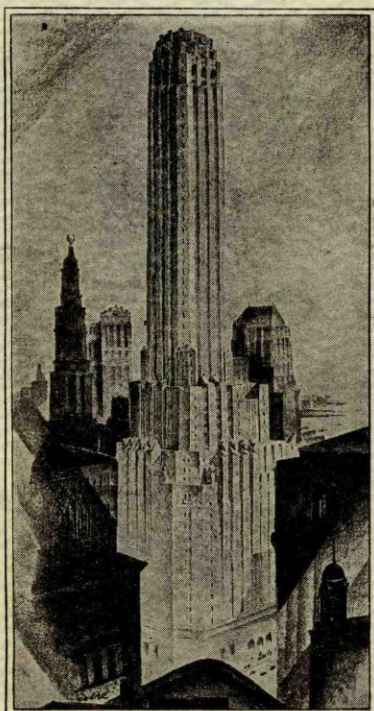
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• Of these steps, none is more important than the first. Until the needs of any banking institution are known and measured as definitely as possible, it is impossible to select bonds which will insure the greatest value per dollar invested. Even the practice of choosing only "gilt-edge" issues will usually involve certain sacrifices

that might safely be avoided with more careful analysis of requirements.

There can be no substitute for complete knowledge. Only a thorough study of the situation and operations of the bank can provide the data from which a sound and reliable policy of investment can be constructed. Having worked out and

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ADVANCES, &c.	-	-	£172,367,369

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JANUARY 1932

112th EDITION — FOUNDED 1872 — 60th YEAR



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Official Numbering Agent American Bankers Association

NEW YORK

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Reserve Liability of Proprietors	-	-	-	-	-	8,780,000
						<u>£ 23,710,000</u>
Aggregate Assets						
30th September, 1931	-	-	-	-	-	£ 90,111,427. 9. 6



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Paid Up Capital	-	-	\$10,000,000
Reserve Fund (Invested in Government Securities)	-	-	\$10,000,000
Reserve Liability of Shareholders	-	-	\$30,000,000
			<u>\$50,000,000</u>

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AUTHORISED CAPITAL	- - - -	£ 20,000,000
ISSUED AND PAID-UP CAPITAL	-	15,858,217
RESERVE FUND	- - - -	10,250,000
DEPOSITS etc. (31st December, 1931)	-	335,565,144

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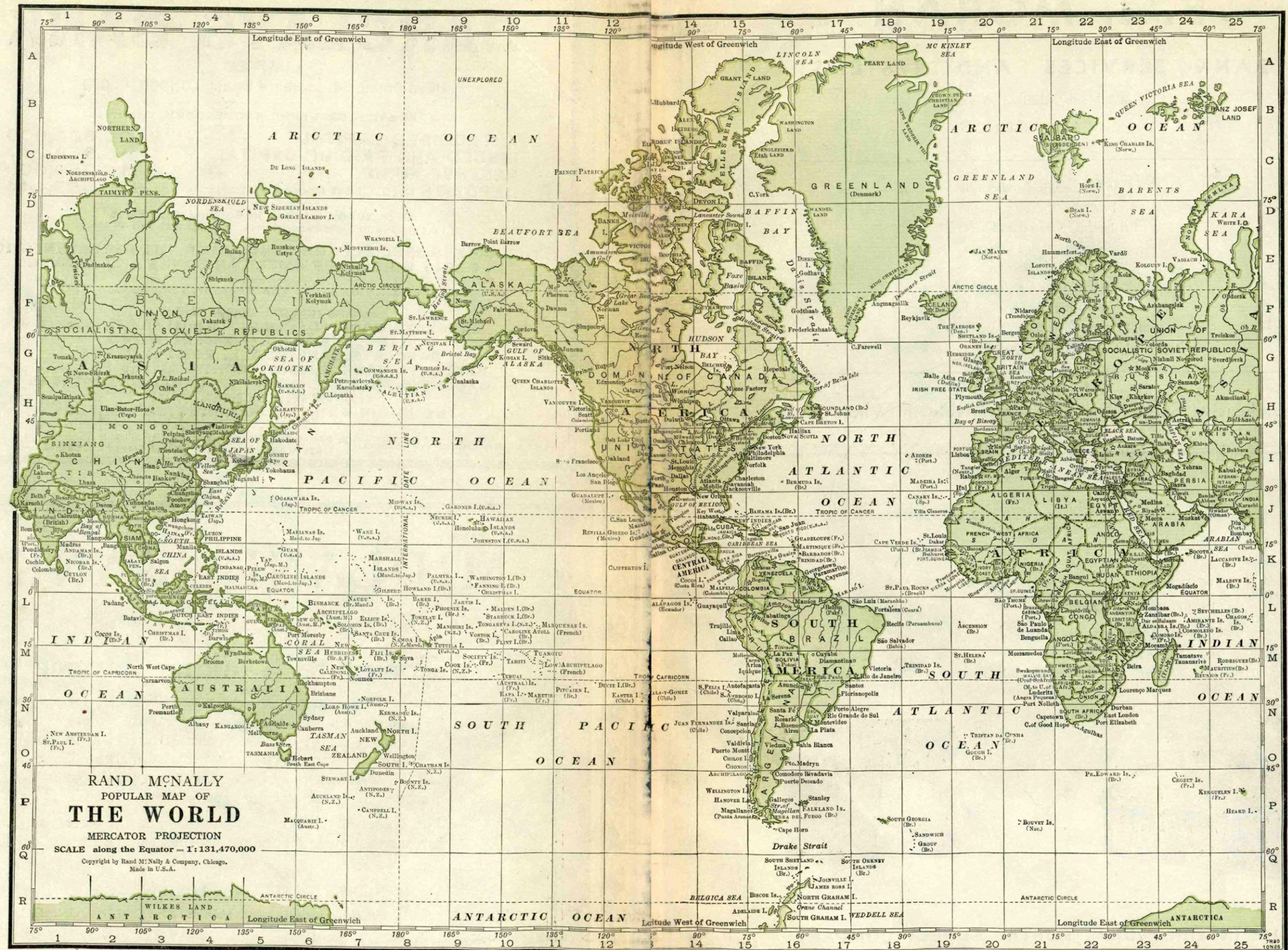
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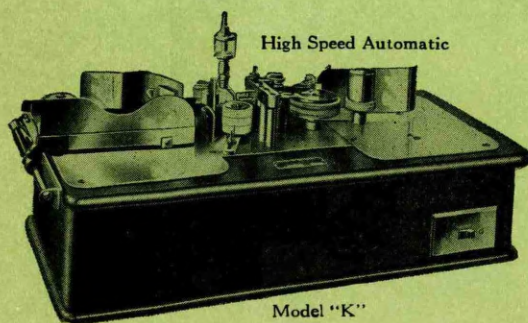
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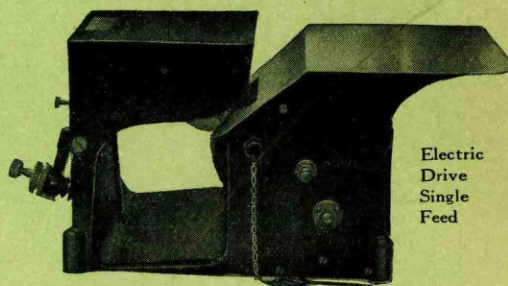
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JANUARY 1932 EDITION

PUBLISHED BY

RAND McNALLY & COMPANY

NEW YORK

CHICAGO

SAN FRANCISCO

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In the Classified Section the various headings are arranged according to the noun-first principle.

In some cases, however, this rule does not apply. Also, there may be several common terms which apply to the same article or service.

To meet this condition, the Finding List below includes all classifications listed in every conceivable way, with cross-indexes to the standard headings and references to others closely related. For example, in the Classified Sec-

tion, manufacturers of safety deposit boxes are listed under the classification "Boxes, Deposit, Safety." In the Finding List, however, both Safety Deposit Boxes and Deposit Boxes, Safety are listed, with proper references in each case. While cross-indexing of more important classifications are included in the Classified Section, complete listings in every case may be found here.

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CLASSIFIED SECTION

The alphabetical listing of bank supplies and service in this section is based upon the noun-first principle. For example, adding machines are listed as Machines, Adding; Safety Paper as Paper, Safety, etc.

A few exceptions occur in cases where common usage has made two words almost inseparable, as for example, house organs and burglar alarms, which are listed under "H" and "B" respectively. Such cases do not occur often.

Cross-indexing simplifies the listings materially, but references should be made to the Finding List on page 7G, in which items are listed in every conceivable

way and not merely according to the noun.

The names of firms using this volume for advertising purposes appear in heavy type in many instances, followed by direct references to the advertisements.

Publishers are not responsible for possible errors in the compilation of the Classified Section. However, we shall appreciate being notified of errors in order that corrections can be made in THE BANKERS SERVICE BULLETIN and in the next edition of this volume.

A

1 ACCOUNTANTS AND AUDITORS

Arnold, Himmelblau & Co., 140 S. Dearborn, Chicago, Ill.
ERNST & ERNST, 27 Cedar St., New York, N. Y.
EDWARD GORE & CO., 125 W. Madison, Chicago, Ill.
 Gregerson Bros., Omaha N. Bk. Bldg., Omaha, Neb.
 Lafrentz & Co., F. W., 100 Broadway, New York, N. Y.
 Temple, Brissman & Co., 107 East Third, St. Paul, Minn.
 Wolf & Co., 7 S. Dearborn, Chicago, Ill.
 Young & Co., Arthur, 1 N. La Salle, Chicago, Ill.

2 ACCOUNTING DEVICES

(See also Specific Headings)

Horder's, Inc., 231 S. Jefferson, Chicago, Ill.
 Le Febure Corporation, Cedar Rapids, Iowa.
 Lloyd Co., W. G., 626 S. Clark, Chicago, Ill.
 Master-Craft Corp., 825 Cobb Ave., Kalamazoo, Mich.
 McDonald Ledger & Loose Leaf Co., 1809 Summerdale, Chicago, Ill.
 Miller, Franklin Basset & Co., 347 Madison, New York, N. Y.
 Pfenning & Snyder, Inc., 515 Commerce Bldg., Columbus, Ohio.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Richmond & Backus Co., Woodward at Congress, Detroit, Mich.
 Sheppard Co., C. E., Van Alst & 14th, Long Island City, N. Y.
 Watt & Gillogly, Inc., 7 S. Dearborn, Chicago, Ill.
 Wilson-Jones Co., 3300 Franklin Blvd., Chicago, Ill.
 Yawman and Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

3 ACCRUAL ACCOUNTING AND AUDIT CONTROL

MORAN B. T., INC., 400 N. Michigan Ave., Chicago, Ill.

4 ACKNOWLEDGEMENT, NEW ACCOUNTS

Martin Company, The Frank, Marshall Bldg., Cleveland, O.

ADDING MACHINE PAPER

(See Rolls, Adding Machine).

ADDING MACHINES

(See Machines, Adding, also Machines, Bookkeeping.)

ADDRESSING MACHINES

(See Machines, Addressing)

5 ADHESIVES

(See also Supplies, Bank and Office)

Carter's Ink Co., 239 First, Cambridge, Mass.
 Sanford Ink Co., 846-854 W. Congress, Chicago, Ill.
 Weis Mfg. Co., Union, Monroe, Mich.

ADVERTISING, BILLBOARD

(See Advertising Poster and Billboard)

ADVERTISING BLOTTERS

(See Blotters, Advertising)

6 ADVERTISING, BUILDING AND LOAN

Bankers Development Corp., 31 Nassau, New York, N. Y.
 Brace & Co., H. G., 400 Seventh North, Seattle, Wash.
 Elliott Service Co., Inc., 242-250 W. 55th, New York, N. Y.
 C. Franklin Hawk, 33 Public Square, Cleveland, O.
 Hunter Printing Co., 382 Fifth St., Oakland, Calif.
 National Service Bureau of New York, Inc., P. O. Box 121, Middletown, N. Y.
 Western Lithograph Co., 600 E. 2nd, Los Angeles, Calif.

ADVERTISING DATA SERVICE

(See Service, Advertising Data)

7 ADVERTISING, DIRECT MAIL MATERIAL

American Embossing Co., 196 Seneca, Buffalo, N. Y.
 Armstrong Advertising Company, 332 S. Michigan, Chicago, Ill.
 Bankers Development Corp., 31 Nassau, New York, N. Y.
 Bankers Service Corp., 19 Warren, New York, N. Y.
 Bauder-Baker, 225 N. Michigan Ave., Chicago, Ill.
 Baumgarth Co., John, 540 N. Michigan Ave., Chicago, Ill.
 Blodgett Co., Harvey, 551 5th Ave., New York, N. Y.
 Brace of Buffalo, 37 Niagara, Buffalo, N. Y.
 Buckley, Dement & Co., 1300 W. Jackson Blvd., Chicago, Ill.
 Call's Bankers Service Corporation, 321-327 Pearl St., Scranton, Pa.
 Craddock Service, Inc., 716 4th Ave., S., Minneapolis, Minn.
 Dameron-Pierson Company, Ltd., 400 Camp, New Orleans, La.
 DeLano Service, Allegan, Mich.
 Du Bois Press, 151 Broadway, Rochester, N. Y.
 Griffith-Stillings Press, 368 Congress, Boston, Mass.
 Hawk, C. Franklin, 33 Public Square, Cleveland, O.
 Hunter Printing Co., 382 Fifth St., Oakland, Calif.
 Jeffcott & Co., 421 Chestnut, Philadelphia, Pa.
 Koss Co., Inc., O. A., 531 W. Larned, Detroit, Mich.
 George Moll—Advertising, Ninth Bk. Bldg., Philadelphia, Pa.
MORAN, B. T., INC., 400 N. Michigan Ave., Chicago, Ill.
 National Service Bureau of New York, Inc., P. O. Box 121, Middletown, N. Y.
 Price & Co., Inc., Henry F., 15 E. 40th, New York, N. Y.

Purse Co., 435 Chestnut, Chattanooga, Tenn.

Reed & Banker Associates, P. M., 431 N. Michigan Ave., Chicago, Ill.

Rose, Inc., Wm. Ganson, 3030 Euclid, Cleveland, O.

Savings Service Co., The, 1587 E. Blake Ave., Columbus, O.

Smith Co., K. L., 1486 Union Tr. Bldg., Cleveland, Ohio.

Standard Christmas Club Co., 435 N. Michigan Ave., Chicago, Ill.

Staples & Staples, Inc., 10 S. 10th, Richmond, Va.

Tracey & Clark, Inc., 821 Cherry, Philadelphia, Pa.

Weldon & Co., 140 S. Dearborn, Chicago, Ill.

Wessling Services, Des Moines, Iowa.

Western Lithographing Co., 600 E. 2d, Los Angeles, Calif.

Wilson, Inc., Edwin Bird, 120 Wall, New York, N. Y.; 208 S. La Salle, Chicago, Ill.; Citizens & Southern Bank Bldg., Atlanta, Ga.

8 ADVERTISING MAPS

RAND McNALLY & CO., 536 S. Clark St., Chicago, Ill.

9 ADVERTISING, MOTION PICTURE

Alexander Film Co., 3200 N. Nevada, Colorado Springs, Colo.
 Bell & Howell Co., 1801 Larchmont Ave., Chicago, Ill.
 The Davis Bulletin Co., Inc., Lock, Buffalo, N. Y.
 Lockren Film & Slide Co., William A., 16 N. 4th, Minneapolis, Minn.

ADVERTISING, NEWSPAPER

(See Advertising Service)

ADVERTISING NOVELTIES

(See Specialties, Advertising and Specific Headings)

10 ADVERTISING, POSTER & BILLBOARD

Al Fresco Advertising Co., 900 S. Grand Blvd., St. Louis, Mo.
 Blodgett Co., Harvey, 551 5th Ave., New York, N. Y.
 The Davis Bulletin Co., Inc., Lock, Buffalo, N. Y.
 Dispatch Photo News Service, Inc., 207 W. 25th, New York, N. Y.
ELLIOTT SERVICE CO., INC., 242-250 W. 55th, New York, N. Y.
 Fogarty Manufacturing Co., 800 Monument Ave., Dayton, O.
 Follis Adv. Service, W. E., 159 N. State, Chicago, Ill.
 General Outdoor Advertising Co., Inc., 1 Park Ave., New York, N. Y.
 Litho. Paint Poster Co., 4236 Lincoln Ave., Chicago, Ill.
 National Service Bureau of New York, Inc., P. O. Box 121, Middletown, N. Y.
 North American Service Co., 105 W. Monroe, Chicago, Ill.
 Sunset System, 2323 Broadway, San Antonio, Tex.
 Western Lithograph Co., 600 E. 2d, Los Angeles, Calif.
 Wilson, Inc., Edwin Bird, 120 Wall, New York, N. Y.; 208 S. La Salle, Chicago, Ill.; Citizens & Southern Bank Bldg., Atlanta, Ga.

11 ADVERTISING SERVICE

Bankers Advertising Bureau, 211 Wilkinson Bldg., Omaha, Nebr.

Bankers Development Corp., 31 Nassau, New York, N. Y.

Bankers Display Co., Inc., Hibberd Bldg., South Bend, Ind.

Bankers Printing Co., 836 Montgomery, San Francisco, Calif.

Bankers Service Corp., 19 Warren, New York, N. Y.

Banthrico Inc., 2944 W. Lake, Chicago, Ill.

BAUDER BAKER, 225 N. Michigan Ave., Chicago, Ill.

Blodgett Co., Harvey, 551 5th Ave., New York, N. Y.

Brace & Co., Inc., H. G., 400 Seventh North, Seattle, Wash.

Call's Bankers Service Corporation, 321-327 Pear, Scranton, Pa.

Chicago Thrift Co., 1100 Washington Blvd., Chicago, Ill.

Clark, Dodge & Co., 51 Wall, New York, N. Y.

Craddock Service Inc., 716 4th Ave., S., Minneapolis, Minn.

Davis Bulletin Co., Inc., Lock St., Buffalo, N. Y.

Delano Service, Allegan, Mich.

Devlin & Bennett, Inc., 203 N. Wabash, Chicago, Ill.

Donnelley & Sons Co., R. R., 350 E. 22nd, Chicago, Ill.

ELLIOTT SERVICE CO., INC., 242-250 W. 55th New York, N. Y.

First National Advertising Service, 537 S. Dearborn, Chicago, Ill.

Hawk, C. Franklin, 33 Public Square, Cleveland, O.

Hudson Service for Banks, 149 Broadway, New York, N. Y.

Hunter Printing Co., 382 Fifth St., Oakland, Calif.

Illustrated Current News, 511 Chapel, New Haven, Conn.

Investment Advertising Co., 208 S. La Salle, Chicago, Ill.

Jeffcott & Co., 421 Chestnut, Philadelphia, Pa.

Kinsley Service Inc., 103 E. 125th, New York, N. Y.

Kohl & Co., P. J., 230 W. Huron St., Chicago, Ill.

Koss Co., Inc., O. A., 531 W. Larned, Detroit, Mich.

Matthews Industries, Inc., 685 Mullett St., Detroit, Mich.

MORAN, B. T., INC., 400 N. Michigan Ave., Chicago, Ill.

Morison, Francis R., Marshall Bldg., 11 Public Square, Cleveland, O.

National Service Bureau of N. Y., Inc., P. O. Box 121, Middletown, N. Y.

Page Bank Extension Service, 4753 Broadway, Chicago, Ill.

Price & Co., Inc., Henry F., 15 E. 40th, New York, N. Y.

RAND McNALLY & CO., 536 S. Clark St., Chicago, Ill.

Redmond & Co., 31-33 Pine, New York, N. Y.

Reed & Banker Associates, P. M., 431 N. Michigan Ave., Chicago, Ill.

Reeves Adv. Co. (The), 1924 Linwood Ave., Toledo, O.

Rose, Inc., Wm. Ganson, 3030 Euclid, Cleveland, O.

Rudolph Guenther-Russell Law, Inc., 131 Cedar, New York, N. Y.

Seovil Bros. & Co., Inc., 75 West St., New York, N. Y.

Simons, Harry C., Curren Arcade, Norristown, Pa.

Smith Associates, Inc., T. Harris, 231 S. La Salle, Chicago, Ill.

Smith Co., K. L., 1486 Union Tr. Bldg., Cleveland, Ohio.

Staples & Staples, Inc., 10 S. 10th, Richmond, Va.

Stuart Hooper Co., 5431 S. Wabash Ave., Chicago, Ill.

Uncle Philander Publishing Co., Inc., 16 Westchester, New Rochelle, N. Y.

Union Savings Systems Co., 131 N. Duke St., Lancaster, Pa.

Weldon & Co., 140 S. Dearborn, Chicago, Ill.

Wessell Co., 458 E. 30th, Chicago, Ill.

Wessling Services, Des Moines, Iowa.

Wilson, Inc., Edwin Bird, 120 Wall, New York, N. Y.; 208 S. La Salle St., Chicago, Ill.; Citiz. & Spu. Bk. Bldg., Atlanta, Ga.

ADVERTISING SPECIALTIES

(See Specialties, Advertising and Specific Headings)

12 ADVERTISING, STREET CAR

Collier, Inc., Barron G., 220 W. 42nd St., New York, N. Y.

13 ADVERTISING, TRUST DEPARTMENT

(See Advertising Service; also Advertising, Direct Mail Material)

Call's Bankers Service Corp., 321-327 Pear, Scranton, Pa.

Elliott Service Co., Inc., 242-250 W. 55th, New York, N. Y.

Koss Co., Inc., O. A., 531 W. Larned, Detroit, Mich.

MORAN, B. T., INC., 400 N. Michigan Ave., Chicago, Ill.

Purse Co., 435 Chestnut, Chattanooga, Tenn.

Smith Co., K. L., 1486 Union Tr. Bldg., Cleveland, Ohio.

Staples & Staples, Inc., 10 S. 10th, Richmond, Va.

14 ADVERTISING, WINDOW DISPLAY

Advertising Displays, Inc., 1129 Banklick, Covington, Ky.

American Signs Corporation, 436 W. Willard, Kalamazoo, Mich.

The Bankers Display Company, Hibberd Bldg., South Bend, Ind.

Banthrico Inc., 2944 W. Lake, Chicago, Ill.

Bell & Howell Co., 1801 Larchmont Ave., Chicago, Ill.

Character Display Co., 3249 N. Herndon, Chicago, Ill.

Chicago Thrift Co., 1100 Washington Blvd., Chicago, Ill.

The Davis Bulletin Co., Inc., Lock, Buffalo, N. Y.

Dispatch Photo News Service, Inc., 207 W. 25th, New York, N. Y.

ELLIOTT SERVICE CO., INC., 242-250 W. 55th, New York, N. Y.

Flexograph Corporation, 254 W. 31st, New York, N. Y.

Hawk, C. Franklin, 33 Public Square, Cleveland, O.

Illustrated Current News, 511 Chapel, New Haven, Conn.

Litho Paint Poster Co., 4236 Lincoln Ave., Chicago, Ill.

MORAN, B. T., INC., 400 N. Michigan Ave., Chicago, Ill.

Motion Publicity, Inc., Ypsilanti, Mich.

National Service Bureau of New York, Inc., P. O. Box 121, Middletown, N. Y.

National Studios, Inc., 226 W. 56th, New York, N. Y.

Old King Cole, Inc., 1800 22nd St., N. E., Canton, O.

Onli-Wa Fixture Co., St. Paul Ave., Dayton, O.

Schaefer Ross Co., Inc., 86 North St., Rochester, N. Y.

Smith Co., K. L., 1486 Union Tr. Bldg., Cleveland, Ohio.

Spiegel Display Co., Inc., 4741 Ravenswood Ave., Chicago, Ill.

Thrift Service Co., 2128 Richland Ave., Cleveland, Ohio.

United Bank Service Co., 231 Fifth, Ellwood City, Pa.

Wessling Services, Lytton, Iowa.

Western Lithograph Co., 600 E. 2d, Los Angeles, Calif.

AFFIXERS, STAMP

(See Stamp Affixers)

15 AGENTS, NATIONAL BANK

The Kiplinger Washington Agency, National Press Bldg., Washington, D. C.

Pratt & Sons, Inc., A. S., Wilkins Bldg., Washington, D. C.

ALARMS

(See specific headings: Burglar Alarms; Fire Alarms)

16 APPRAISERS

American Appraisal Co., 525 E. Michigan, Milwaukee, Wis.

Coats & Burchard Co., 844 Rush, Chicago, Ill.

The Lloyd-Thomas Co., 4411 N. Ravenswood Ave., Chicago, Ill.

17 ARCHITECTS

(See also Architects and Builders)

American Bankbuilding Construction Co., 1201 E. Georgia, Indianapolis, Ind.

Beal Sons, J. Williams, 185 Devonshire, Boston, Mass.

Brown, A. Ten Eyck, Forsyth Bldg., Atlanta, Ga.

Brunner & Simmons, Inc., 141 W. Jackson, Blvd., Chicago, Ill.

Carmichael & Millsbaugh, 5 East Long, Columbus, O.

Childs & Smith, 720 N. Michigan Ave., Chicago, Ill.

Clark, Jr., Appleton P., 816-14th, N. W., Washington, D. C.

Ferguson Co., The H. K., Hanna Bldg., Cleveland, O.

The Globe-Wernicke Co., Carthage Ave., Cincinnati, Ohio.

GRAHAM, ANDERSON, PROBST & WHITE, 80 E. Jackson Blvd., Chicago, Ill.

Halsey, McCormack & Helmer, Inc., 286 Fifth Ave., New York, N. Y.

Holmes & Winslow, 134 E. 44th, New York, N. Y.

Hopkins & Dentz, 415 Lexington Ave., New York, N. Y.

James Co., Thomas M., 3 Park, Boston, Mass.

Lane & Tweed, City Bk. Bldg., Grand Ave. at 18th, Kansas City, Mo.

Lockwood, Green & Co., 24 Federal, Boston, Mass.

Long & Thorshov, Inc., 1012 Andrus Bldg., Minneapolis, Minn.

Marston & Maybury, 25 S. Euclid Ave., Pasadena, Cal.

McGuire & Shook, 941 N. Meridian, Indianapolis, Ind.

Metzger & Acock, 101 Park Ave., New York, N. Y.

Miller, A. Stanley, Ocean Pkwy. & Av. C., Brooklyn, N. Y.

Morgan French Co., 19 W. 44th, New York, N. Y.

National Bank Construction Company, 320 N. 4th, St. Louis, Mo.

Parkinson, John and Donald B., 420 Title Insurance Bldg., Los Angeles, Cal.

Scheitler & Wenisch, 737 N. Michigan Ave., Chicago, Ill.

Schenck & Williams, 1406 Third N. Bldg., Dayton, Ohio.

Schwartz, Albert A., 228 N. La Salle, Chicago, Ill.

Simons, Brittain & English, Inc., 336 Fourth St., Pittsburg, Pa.

Stiles Co., Geo. W., 664 N. Michigan Ave., Chicago, Ill.

Teich & Sullivan, 64 W. Randolph, Chicago, Ill.

Tilghman Moyer Co., 141 N. 9th, Allentown, Penn.

UFFINGER, FOSTER & BOOKWALTER, INC., 221 W. 57th, New York, N. Y.

Wise Co., Inc., The J. H., 911 Syndicate Tr. Bldg., St. Louis, Mo.

18 ARCHITECTS AND BUILDERS

AMERICAN BANKBUILDING CONSTRUCTION CO., 1201 E. Georgia St., Indianapolis, Ind.
BOND-HUBBARD CO., 38 S. Dearborn, Chicago, Ill. (See our adv. on this page.)
 Brown, A. Ten Eyck, Forsyth Bldg., Atlanta, Ga.
 Clark, Jr., Appleton P., 816-14th St., N. W., Washington, D. C.
 Hoggson Bros., 485 Fifth Ave., New York, N. Y.
 James Co., Thomas M., 3 Park, Boston, Mass.
 Lane & Tweed, City Bank Bldg., Kansas City, Mo.
 Moorman & Co., A., 813 First National Bank Bldg., Minneapolis, Minn.
 National Bank Construction Co., 320 N. 4th St., St. Louis, Mo.
 Ohmer, Inc., Alfred A. & Robt. F., 113 N. Jefferson St., Dayton, Ohio.
 St. Louis Bank Bldg. & Equipment Co., 906 Sidney St., St. Louis, Mo.
 Stiles Co., Geo. W., 664 N. Michigan, Chicago, Ill.
 Tilghman Moyer Co., 141 N. 9th, Allentown, Penn.
 Weary & Alford Co., 1923 Calumet Ave., Chicago, Ill.
 Wise Co., Inc., J. H., 911 Syndicate Tr. Bldg., St. Louis, Mo.

19 ATLASES, COMMERCIAL

RAND McNALLY & CO., 536 S. Clark St., Chicago, Ill.

B

20 BAGS, COIN

Abbott Coin Counter Co., 143d & Wales Ave., New York, N. Y.
 American Beauty Cover Co., 1900 Orange, Dallas, Tex.
 Bankers Envelope Co., Midway Quality Park, St. Paul, Minn.
 Bemis Bro. Bag Co., 601 S. 4th, St. Louis, Mo.
 Buckeye Leather Co., The, 946 Chestnut, Coshocton, O.
 Chase Bag Co., 302 E. Pittsburgh Ave., Milwaukee, Wis.
 Dixie Bag Co., Nashville, Tenn.

Downey Co., C. L., 941 Clark, Cincinnati, O.
 Economy Advertising Co., Linn & Market, Iowa City, Iowa
 Federal Bag Co., 3500 S. Morgan, Chicago, Ill.
 Ferree Co., E. H., Lockport, N. Y.
 Fulton Bag & Cotton Mills, 170 Blvd., Atlanta, Ga.
 Kohl & Co., P. J., 230 Huron, Chicago, Ill.
 Leather Products Co., Iola, Kans.
 Minnesota Specialty Co., 2d Ave. N. & 4th St., Minneapolis, Minn.

PORTER SAFETY SEAL CO., 267 N. California, Chicago, Ill.
 Shedd-Brown Mfg. Co., 319 5th Ave., So. Minneapolis, Minn.
 Spurgin Mfg. Co., 7011 Vincennes Ave., Chicago, Ill.
 Strayer Coin Bag Co., 1028 4th Ave., New Brighton, Pa.
 Troy Sunshade Co., 612 Grant, Troy, O.
 The Twentieth Century Co., 542 So. Dearborn, Chicago, Ill.
 Western Bank Supply Co., 382 Fifth St., Oakland, Calif.
 Zimmerman & Murray, 107 W. Penn, Whittier, Calif.

21 BAGS, MAILING

Bemis Bro. Bag Co., 601 S. 4th, St. Louis, Mo.
 Chase Bag Co., 302 E. Pittsburgh Ave., Milwaukee, Wis.
 Fulton Bag & Cotton Mills, 170 Blvd., Atlanta, Ga.
 Strayer Coin Bag Co., 1028 4th Ave., New Brighton, Pa.
 Troy Sunshade Co., The, 612 Grant, Troy, O.
 Western Bank Supply Co., 382 Fifth St., Oakland, Calif.

BALING MACHINES

(See Machines, Baling, Currency and Machines, Baling, Waste Paper)

BANK ADVERTISING

(See Advertising Service)

BANK FORMS

(See Forms, Bank; also specific headings)

BANKING MAGAZINES

(See Magazines Banking)

BANKING TEXTBOOKS

(See Textbooks, Banking and Books, Banking and Business)

BANKS, HOME SAVINGS

(See Savings Banks, Home and Pocket)

22 BILL FOLDS

American Beauty Cover Co., 1900 Orange St., Dallas, Tex.
 Amity Leather Products Co., West Bend, Wis.
 Beach Leather Co., 1301 E. Walnut, Coshocton, O.
 Buckeye Leather Co., 946 Chestnut, Coshocton, O.
 Carriers & Co., 128 N. Wells, Chicago, Ill.
 Fields, Harry R., 624 Boardman, Orlando, Fla.
 Follis Advertising Service, W. E., 159 N. State, Chicago, Ill.
 Humphreys Leather Goods, Co., Inc., 243 E. Huron, Chicago, Ill.
 Kohl & Co., P. J., 224-230 W. Huron, Chicago, Ill.
 Meeker Co., Inc., 3d & Michigan, Joplin, Mo.
 The Novelty Advertising Co., Coshocton, Ohio.
 Nutry, John, 85-87 Adams, Brooklyn, N. Y.
 Oliver Baker Mfg. Co., 420 S. 7th, Minneapolis, Minn.
 Texas Novelty Adv. Co., 117-119 S. Waco, Hillsboro, Tex.
 Weinman Bros., 305 W. Adams, Chicago, Ill.
 Western Bank Supply Co., 382 Fifth St., Oakland, Calif.

BILLING MACHINES

(See Machines, Billing)

23 BINDERS, CHECK

Bankers Printing Co., 836 Montgomery, San Francisco, Cal.
 Bankers Supply Co., 5950 S. State, Chicago, Ill.
 Burke Printing Co., Fredonia, Kan.
 De Luxe Check Printers, Inc., 900 N. Franklin, Chicago, Ill.; 2531 University Ave., St. Paul, Minn.; 129 Lafayette, New York, N. Y.; 634 Huron Rd., Cleveland, O.
 The Exline Co., 113 St. Clair Ave., Cleveland O.
 Northern Bank Note Co., 2340 N. Racine Ave., Chicago, Ill.
 Pugh & Co., H. G., 1000 Center St., Little Rock, Ark.
 Young & Selden Co., 224 N. Calvert, Baltimore, Md.



BANK BUILDINGS

*
 COMPLETE SERVICE
 IN
 DESIGNING
 ENGINEERING
 CONSTRUCTION
 AND
 EQUIPMENT
 *

YOUR INQUIRIES
 ARE INVITED]

BOND-HUBBARD COMPANY

BANK BUILDERS

1461 FIRST NATIONAL BANK BUILDING - CHICAGO, ILL.

24 BINDERS, LOOSE LEAF

Adams Mfg. Co., Henry T., 8561 S. Chicago Ave., Chicago, Ill.
 American Bindery Corp., 1310 Maple, Detroit, Mich.
 Barnard Stationery Co., Geo. D., Vandeventer & Laclede Aves., St. Louis, Mo.
 Boorum & Pease Co., 500-552 S. Throop, Chicago, Ill.
 Buchan-White Loose Leaf Co., 1906 Pine, St. Louis, Mo.
 Burke Printing Co., Fredonia, Kans.
 Curtis 1000 Inc., 1000 University, St. Paul, Minn.
 F. B. Mfg. Co., 1223 Intervale Ave., New York, N. Y.
 Felco Loose Leaf Corp., 357 N. La Salle, Chicago, Ill.
 Grand Rapids Loose Leaf Binder Co., 10-16 W. Logan, Grand Rapids, Mich.
 Joyce Filing Co., Edw. J., 56 W. Washington St., Chicago, Ill.
 Klipto Loose Leaf Co., 15-17 S. Delaware, Mason City, Ia.
 Lefax (Inc.), 9th & Sansom, Philadelphia, Pa.
 Le Febure Corporation, Cedar Rapids, Iowa.
 Lloyd Co., W. G., 626 S. Clark, Chicago, Ill.
 McDonald Ledger & Loose Leaf Co., 1809 Summerdale, Chicago, Ill.
 Mann Co., William, 529 Market, Philadelphia, Pa.
 Martell Co., A. E., Congress St., Keene, N. H.
 Master-Craft Corp., 825 Cobb Ave., Kalamazoo, Mich.
 McBe Binder Co., Smith St., Athens, O.
 National Blank Book Co., Holyoke, Mass.
 Office Efficiency Distributors Co., 200 Davis, San Francisco, Calif.
REMINGTON RAND BUSINESS SERVICE, 465 Washington, Buffalo, N. Y.
 Richmond & Backus Co., Woodward at Congress, Detroit, Mich.
 Schwabacher-Frey Sta. Co., 735 Market, San Francisco, Cal.
 Sheppard Co., C. E., Van Alst & 14th, Long Island, City, N. Y.
 Smith Ptg. Co., Inc., 225 E. Third, Williamsport, Pa.
 Stationers Loose Leaf, 350 Broadway, Milwaukee, Wis.
 Tallman, Robbins & Co., 314 W. Superior, Chicago, Ill.
 Three B Products, Inc., 17 E. 42d, New York, N. Y.
 Wilson-Jones Co., 3300 Franklin Blvd., Chicago, Ill.
 Workman Mfg. Co., 1200 W. Monroe, Chicago, Ill.
 Young & Selden Company, 224 N. Calvert St., Baltimore, Md.

25 BINDERS, LOOSE LEAF, GRAVITY LOCK

McDonald Ledger & Loose Leaf Co., 1809 Summerdale, Chicago, Ill.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.

26 BINDERS, TICKET

Blaine Systems Co., 140 Glenridge Ave., Montclair, N. J.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, Ohio.
 Hunt Co., C. E., 1805 Holden Court, Chicago, Ill.

27 BINDERS, TRANSFER

Adams Mfg. Co., Henry T., 8561 So. Chicago Ave., Chicago, Ill.
 The Exline Co., 113 St. Clair Ave. N. E., Cleveland, O.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, Ohio.
 Joyce Filing Co., Edw. J., 56 W. Washington, Chicago, Ill.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.

BINDING MACHINES

(See Machines, Binding)

BINDING STRAPS

(See Straps, Binding)

28 BLACKBOARDS

Davenport-Taylor Corp., 412 Orleans, Chicago, Ill.
 Tablet & Ticket Co., 1021 W. Adams, Chicago, Ill.

29 BLINDS, VENETIAN

The Bostwick-Goodell Co., Garfield at Jefferson, Norwalk, O.
 Burlington Venetian Blind Co., Burlington, Vt.
 Hough Shade Corp., 134 No. La Salle, Chicago, Ill.
 Kane Mfg. Co., Kane, Pa.
 Mackin Venetian Blind Co., 999 N. Greenwood Ave., Kankakee, Ill.
 Western Venetian Blind Co., General Office, 2700 Long Beach Ave., Los Angeles, Calif., New York, Atlanta, Memphis, Chicago, Birmingham, Boston, Kansas City, Portland, Cleveland, Detroit, San Francisco, Seattle, Charlotte, N. C., New Orleans, Jacksonville, Fla., and Fresno.
 Wilson Corp., J. G., 11 E. 35th, New York, N. Y.

30 BLOTTERS, ADVERTISING

BANTHRICO INC., 2944 W. Lake, Chicago, Ill.
 Brown & Bigelow, Quality Park, St. Paul, Minn.
 Call's Bankers Service Corporation, 321-327 Pearl, Scranton, Pa.
 Folia Advertising Service, W. E., 159 N. State, Chicago, Ill.
 Forbes Lithograph Mfg. Co., P. O. Box 5130, Boston, Mass.
 Gerlach-Barklow Co., Joliet, Ill.
 Kemper-Thomas Co., Park Ave., Norwood, Ohio.
 Martin Co., The Frank, Marshall Bldg., Cleveland, Ohio.
 Merchants Publishing Co., 412 W. Michigan Ave., Kalamazoo, Mich.
MORAN, B. T., INC., 400 N. Michigan Ave., Chicago, Ill.
 Murphy Co., The Thos. D., 110 S. 2nd, Red Oak, Ia.
 National Service Bureau of New York, Inc., P. O. Box 121, Middletown, N. Y.
 Osborne Co., 759 Summer Ave., Newark, N. J.
RAND McNALLY & CO., 536 S. Clark St., Chicago, Ill.
 Simons, Harry C., Curren Arcade, Norristown, Pa.
 Strayer Coin Bag Co., 1028 4th Ave., New Brighton, Pa.
 Western Lithograph Co., 600 E. 2d, Los Angeles, Cal.
 Wrenn Paper Co., Middletown, Ohio.

BOND AND COUPON CANCELLING MACHINES

(See Machines, Cancelling, Check)

BONDS, ENGRAVED AND PRINTED

(See Certificates, Stock and Bond)

31 BOOKBINDERS

Clarke & Courts, 2402 Mechanic, Galveston, Texas.
 Courier-Journal Job Printing Co., 316-328 W. Liberty, Louisville, Ky.
 Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 Dameron-Pierson Company, Ltd., 400 Camp, New Orleans, La.
 Falconer Co., 414 Water, Baltimore, Md.
 Hall Co., J. C., 68 W. Exchange, Providence, R. I.
 Irwin-Hodson Co., 115 N. 15th, Portland, Ore.
 Joyce Filing Co., Edw. J., 56 W. Washington, Chicago, Ill.
 Klipto Loose Leaf Co., 15-17 S. Delaware, Mason City, Ia.
 Le Febure Corporation, Cedar Rapids, Iowa.
 Lloyd Co., W. G., 626 S. Clark, Chicago, Ill.
 Moore Corp., John C., 65 Stone, Rochester, N. Y.
 Schwabacher-Frey Stationery Co., 735 Market, San Francisco, Cal.
 Smith Co., Oscar T. & Son, 407-11 E. Saratoga, Baltimore, Md.
 Smith Ptg. Co., 225 E. 3d, Williamsport, Pa.
 Young & Selden, 224 N. Calvert, Baltimore, Md.

BOOKCASES

(See Furniture, Bank and Office)

BOOKKEEPING

(For Bookkeeping Machines, etc., see specific headings by noun, as for example: Machines, Bookkeeping; Supplies, Machine Bookkeeping, etc.)

32 BOOKLETS, ADVERTISING

(See also Advertising, Direct Mail Material)

Bankers Development Corp., 31 Nassau, New York, N. Y.
 Bauder-Baker, 225 N. Michigan Ave., Chicago, Ill.
 Brown & Bigelow, Quality Park, St. Paul, Minn.
 Business Library, 130 W. 42d, New York, N. Y.
 Cradick Service, Inc., 716 Fourth Ave., S. Minneapolis, Minn.
 Dameron Pierson Company, Ltd., 400 Camp, New Orleans, La.
 Dow Co., Louis F., 2242 University Ave., St. Paul, Minn.
 Forbes Lithograph Mfg. Co., P. O. Box 5130, Boston, Mass.
 Hawk, C. F., 33 Public Square, Cleveland, O.
 Levey Printing Co., State House Square, Indianapolis, Ind.
MORAN, B. T., INC., 400 N. Michigan Ave., Chicago, Ill.
 National Service Bureau of New York, Inc., P. O. Box 121, Middletown, N. Y.
 Parlette-Padget Co., 75 E. Wacker Drive, Chicago, Ill.
 Reed, P. M., & Banker Associates, 431 N. Michigan Ave., Chicago, Ill.
 Simons, Harry C., Curren Arcade, Norristown, Pa.
 Staples & Staples, Inc., 10 S. 10th, Richmond, Va.
 Temple Co., J. C., 55 E. Main, Columbus, Ohio.

33 BOOKS, BABY

American Beauty Cover Co., 1900 Orange, Dallas, Tex.
 Baby Mine Co., 23 Division Ave., S., Grand Rapids, Mich.

34 BOOKS, BANKING AND BUSINESS

Fritz-Cross Co., 282 E. 4th, St. Paul, Minn.
 Indexers, The, 310 S. Michigan Blvd., Chicago, Ill.
 Moody's Investors Service, 35 Nassau, New York, N. Y.
RAND McNALLY & CO., 536 S. Clark St., Chicago, Ill.
 The Ronald Press Co., 15 E. 26th, New York, N. Y.

35 BOOKS, BLANK

American Bank Supply Co., 628 N. Illinois, Indianapolis, Ind.
 American Sales Book Co., Ltd., Elmira, N. Y.
 Benson & Sons, Inc., Benj. D., 11 Cliff, New York, N. Y.
 Dameron-Pierson Company, Ltd., 400 Camp, New Orleans, La.
 Flammger & Grahl Blank Book Co., 318 N. Third, St. Louis, Mo.
 Le Febure Corp., Cedar Rapids, Iowa.
 Lloyd Co., W. G., 626 S. Clark, Chicago, Ill.
 Mann Co., Wm., 529 Market, Philadelphia, Pa.
 McDonald Ledger & Loose Leaf Co., 1809 Summerdale, Chicago, Ill.
 Moore Corp., John C., 65 Stone, Rochester, N. Y.
 National Blank Book Co., Riverside, Holyoke, Mass.
 Pioneer, Inc., 12th & A., Tacoma, Wash.
 Richmond & Backus Co., Woodward at Congress, Detroit, Mich.
 The Shelby Salesbook Co., Shelby, O.
 Smith & Son Co., The Oscar T., 407-11 E. Saratoga, Baltimore, Md.
 Southern States Ptg. Co., Inc., The, 117 S. Hill, Griffin, Ga.
 Standard Printing Co., 201-205 N. Third, Hannibal, Mo.
 Stuart-Hooper Co., 5431 S. Wabash Ave., Chicago, Ill.
 United States Check Book Co., 1309-1315 Howard, Omaha, Neb.
 Widman & Sons Co., Inc., J. F., McGregor, Iowa.
 Young & Selden Co., 224 N. Calvert, Baltimore, Md.; Philadelphia and Pittsburgh.

36 BOOKS, CASH, TELLERS

Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 Flammger & Grahl Blank Book Co., 318 N. Third, St. Louis, Mo.
 National Blank Book Co., Riverside, Holyoke, Mass.
 Richmond & Backus Co., Woodward at Congress, Detroit, Mich.
 Young & Selden Co., 224 N. Calvert, Baltimore, Md.

37 BOOKS, CHECK

Bankers Printing Co., 836 Montgomery, San Francisco, Cal.
 Bankers Supply Co., 5950 S. State, Chicago, Ill.
 Curtis 1000 Inc., 1000 University, St. Paul, Minn.
 De Luxe Check Printers, Inc., 900 N. Franklin, Chicago, Ill.; 2531 University Ave., St. Paul, Minn.; 129 Lafayette, New York, N. Y.; 634 Huron Rd., Cleveland, O.
 Dow Co., Louis F., 2242 University Ave., St. Paul, Minn.
 Hall Co., J. C., 68 W. Exchange, Providence, R. I.
 Herald Printery, Inc., 326-330 East Kentucky, Louisville, Ky.
 Kennedy Printing Co., 609-611 Monroe, Fredonia, Kan.
 Mann Co., Wm., 529 Market, Philadelphia, Pa.
 Northern Bank Note Co., 2340 N. Racine Ave., Chicago, Ill.
 Pioneer, Inc., 12th & A., Tacoma, Wash.
 Reynolds & Reynolds Co., Washington & Dudley, Dayton, O.
 Richmond & Backus Co., Woodward at Congress, Detroit, Mich.
 Smith Ptg. Co., 225 E. 3d, Williamsport, Pa.
 The Todd Company, 1185 University Ave., Rochester, N. Y.
 United States Check Book Co., 1309-1315 Howard, Omaha, Neb.
 Young & Selden Co., 224 N. Calvert, Baltimore, Md.

BOOKS, COMBINATION CHECK AND PASS

(See Books, Check)

BOOKS, EXPENSE

(See Stationers, Manufacturing)

38 BOOKS, LOOSE LEAF

Curtis 1000 Inc., 1000 University, St. Paul, Minn.
 Horder's, Inc., 231 S. Jefferson, Chicago, Ill.
 Kennedy Printing Co., 609 Monroe, Fredonia, Kan.
 Lefax (Inc.), 9th & Sansom, Philadelphia, Pa.
 Le Febure Corp., Cedar Rapids, Iowa.
 Mann Co., Wm., 529 Market, Philadelphia, Pa.
 Martell Co., A. E., Congress St., Keene, N. H.
 McDonald Ledger & Loose Leaf Co., 1809 Summerdale, Chicago, Ill.
 National Blank Book Co., Riverside, Holyoke, Mass.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Richmond & Backus Co., The, Woodward at Congress, Detroit, Mich.
 Tallman, Robbins & Co., 314 W. Superior, Chicago, Ill.
 Three B. Products, Inc., 17 E. 42d, New York, N. Y.
 Wilson-Jones Co., 3300 Franklin Blvd., Chicago, Ill.
 Wilson Memindex Co., 163 St. Paul, Rochester, N. Y.
 Young & Selden Co., 224 N. Calvert, Baltimore, Md.

39 BOOKS, MEMO

Follis Advertising Service, W. E., 159 N. State, Chicago, Ill.
 Kemper-Thomas Co., Park Ave., Norwood, O.
 Martin Co. (The Frank), Marshall Bldg., Cleveland, O.
 National Blank Book Co., Riverside, Holyoke, Mass.
 Voss Co., Herman, 603 E. Water, Milwaukee, Wis.
 Weinman Brothers, 305 W. Adams, Chicago, Ill.
 Wilson Memindex Co., 163 St. Paul, Rochester, N. Y.
 Young & Gardner Co., 655 S. Wells, Chicago, Ill.

BOOKS, PASS

(See Pass Books)

BOSTON LEDGERS

(See Ledgers, Boston)

40 BOXES, BOND

General Fireproofing Co., Youngstown, O.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, Ohio.
 Watson Mfg. Co., Jamestown, N. Y.

41 BOXES, COIN

Abbott Coin Counter Co., 143d & Wales Ave., New York, N. Y.
 Currier Manufacturing Co., Northwestern Terminal, Minneapolis, Minn.
 Dennison Mfg. Co., 300 Howard, Framingham, Mass.
 Dibb Mfg. Co., Inc., 4054 N. Broadway, Robbinsdale, Minn.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, Ohio.
 Lonson Mfg. Co., 180 E. 3d, St. Paul, Minn.
 Strayer Coin Bag Co., 1028 4th Ave., New Brighton, Pa.
 Stuart-Hooper Co., 5431 S. Wabash Ave., Chicago, Ill.
 Tauck & Co., Arthur C., 20 Clinton St., Newark, N. J.
 Twentieth Century Co., 542 S. Dearborn, Chicago, Ill.

42 BOXES, CURRENCY

The Globe-Wernicke Co., Carthage Ave., Cincinnati, Ohio.
 Merriam Mfg. Co., Durham, Conn.
 Smead Mfg. Co., 309 Second, Hastings, Minn.
 Stuart-Hooper Co., 5431 S. Wabash Ave., Chicago, Ill.
 Tauck & Co., Arthur C., 20 Clinton St., Newark, N. J.
 Watson Mfg. Co., Jamestown, N. Y.
 Young & Selden Co., 224 N. Calvert, Baltimore, Md.; Philadelphia and Pittsburgh.
 Zimmerman Bros & Co., 4020 Michigan Ave., Chicago, Ill.

43 BOXES, DEPOSIT, SAFETY

Bank Vault Inspection Co., 5 S. 18th St., Philadelphia, Pa.
 Cramer Brothers Safe Co., 1417 McGee, Kansas City, Mo.
 Diebold Safe & Lock Co., Canton, Ohio.
 General Fireproofing Co., Youngstown, O.
 Gross-Feibel Co., Hillsboro, O.
 Herring-Hall-Marvin Safe Co., Grand Boulevard, Hamilton, O.
 Invincible Metal Furniture Co., Manitowoc, Wis.
 Merriam Mfg. Co., Durham, Conn.
 Mosler Safe Co., Hamilton, O.
 National Safe & Lock Co., 2345 E. 69th, Cleveland, O.
 Remington & Sherman Co., 1545 N. Delaware, Philadelphia, Pa.
 Watson Mfg. Co., Jamestown, N. Y.
 York Safe & Lock Co., York, Pa.

44 BOXES, FIBRE BOARD, CORRUGATED

Bankers Box Co., 536 S. Clark, Chicago, Ill.
 Blaine Systems Co., 140 Glenridge Ave., Montclair, N. J.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, Ohio.
 Fred H. Jones & Son, 2340 N. Racine Ave., Chicago, Ill.
 The Kay-Dee Co., 3644 S. 36th, Lincoln, Neb.
 Perfection Box Co., 551 West Monroe, Chicago, Ill.
 Steel Bound Box Co., 5039 Cottage Grove Ave., Chicago, Ill.

45 BOXES, FILING

Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Bankers Box Co., 536 S. Clark, Chicago, Ill.
 Beck Specialty Co., 621 Jefferson, Waterloo, Ia.
 Blaine Systems Co., 140 Glenridge Ave., Montclair, N. J.
 Danbury Box Company, Danbury, Conn.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, Ohio.
 Hinde & Dauch Paper Co., 407 Decatur, Sandusky, O.
 Kay-Dee Co., 3644 S. 36th, Lincoln, Neb.
 Lefax (Inc.), 9th & Sansom, Philadelphia, Pa.
 Merriam Mfg. Co., Durham, Conn.
 Oxford Filing Supply Co., 340 Morgan Ave., Brooklyn, N. Y.
 Perfection Box Co., 551 W. Monroe, Chicago, Ill.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Standard Filing Box Co., 1115-19 N. Franklin, Chicago, Ill.
 Steel Bound Box Co., 5039 Cottage Grove Ave., Chicago, Ill.
 Steel Fixture Mfg. Co., E. 7th & Adams, Topeka, Kan.
 Strayer Coin Bag Co., 1028 4th Ave., New Brighton, Pa.
 Union Paper & Twine Co., 116 St. Clair Ave., N.W., Cleveland, Ohio.
 Watson Mfg. Co., Jamestown, N. Y.
 Weis Mfg. Co., Union, Monroe, Mich.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

46 BOXES, FOLDING

Bankers Box Co., 536 S. Clark, Chicago, Ill.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.

47 BOXES, METAL

All-Steel-Equip Company, Aurora, Ill.
 Currier Manufacturing Co., Inc., North Western Terminal, Minneapolis, Minn.
 Dibb Mfg. Co., Inc., 4054 N. Broadway, Robbinsdale, Minn.
 General Fireproofing Co., Youngstown, Ohio.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, Ohio.
 Lyon Metal Products, Inc., Aurora, Ill.
 Merriam Mfg. Co., Durham, Conn.
 Steel Fixture Mfg. Co., E. 7th & Adams, Topeka, Kan.
 Watson Mfg. Co., Jamestown, N. Y.

48 BRACKETS, TELEPHONE

American Electric Co., Inc., 6401 S. State, Chicago, Ill.
 Enduro Mfg. Co., 14 Franklin, Rochester, N. Y.
 MacLeod Mfg. Co., 2640 Greenview, Chicago, Ill.

BRASS SIGNS

(See Signs, Brass and Bronze)

BRASSWORK

(See Bronze, Architectural and Ornamental)

BRIEF CASES

(See Leather Goods)

49 BRONZE, ARCHITECTURAL AND ORNAMENTAL

American Bronze Co., 1316 W. 63d, Chicago, Ill.
AMERICAN IRON & WIRE WORKS, 1621 Carroll Ave., Chicago, Ill.
 Art in Bronze Co., Inc., 1621 E. 41st., Cleveland, Ohio.
 Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Baldwin Brass Works, 321 S. California Ave., Chicago, Ill.
 Bankers Savings & Credit System Co., 10302 Madison Ave., Cleveland, O.
 Cassidy Co., Inc., 101 Park Ave., New York, N. Y.
 Chicago Architectural Bronze Co., 1948 W. Ohio, Chicago, Ill.
 Cincinnati Mfg. Co., Cincinnati, Ohio.
 Flour City Ornamental Iron Co., 27th Ave. & 27th St., Minneapolis, Minn.
 Harsch Bronze & Foundry Co., John, 11612 Madison Ave., Cleveland, Ohio.
 Heath Co., John S., Waukegan, Ill.
 Illinois Bronze & Iron Works, 917 S. Kildare, Chicago, Ill.
 Imperial Brass Mfg. Co., 1200 Harrison, Chicago, Ill.
 Lupton's Sons Co., David, Allegheny Ave. & Tulip, Philadelphia, Pa.

Matthews Co., Jas. H., 3942 Forbes, Pittsburgh, Pa.
 Mead Equipment Co., Huntington, W. Va.
 Michaels Art Bronze Co., Inc., 230-240 Scott St., Covington, Ky.
 Mount & Robertson, Inc., 62 Broad, New York, N. Y.
 Nachteggall Mfg. Co., 237-45 S. Front, Grand Rapids, Mich.
NEWMAN MFG. CO., Cleneay Ave. & N. & W. R. R., Cincinnati, O.
 Ohmer, A. & R. F., Inc., 113 N. Jefferson St., Dayton, O.
 Oregon Brass Works, 2d & Everett Sts., Portland, Ore.
 Price Brothers Inc., 2644 N. Maplewood Ave., Chicago, Ill.
 Southern Brass Mfg. & Plating Co., 6614 Harrisburg Blvd., Houston, Tex.
 Standard Iron & Wire Works, 510 E. 10th, Chattanooga, Tenn.
 Tyler Co., W. S., 3615 Superior Ave., Cleveland, O.
 Usona Mfg. Co., 3512 Chouteau, St. Louis, Mo.
 Watson Mfg. Co., Jamestown, N. Y.
 Western Architectural Iron Co., 3455 Elston Ave., Chicago, Ill.
 Williams, Inc., Jno., 542 W. 27th, New York, N. Y.
 Wisconsin Iron and Wire Works, 1660 Booth, Milwaukee, Wis.
 Womack & Sons, Inc., J. P., Lakewood Ave., Atlanta, Ga.
 Zimmerman Bros. & Co., 4020 Michigan Ave., Chicago, Ill.

50 BRONZE PLATES

American Bronze Co., 1316 W. 63d, Chicago, Ill.
 American Iron & Wire Works, 1621 Carroll Ave., Chicago, Ill.
 Art in Bronze Co., Inc., 1621 E. 41st, Cleveland, O.
 Bankers Savings & Credit System Co., 10302 Madison Ave., Cleveland, O.
 Chicago Architectural Bronze Co., 1948 W. Ohio, Chicago, Ill.
 Chicago Thrift Co., 1100 Washington Blvd., Chicago, Ill.
 Dobie & Co., Arthur L., 523 N. Halsted, Chicago, Ill.
 Flour City Ornamental Iron Co., 27th Ave. & 27th St., Minneapolis, Minn.
 Matthews Co., Jas. H., 3942 Forbes, Pittsburgh, Pa.
 Newman Mfg. Co., Cleneay Ave. & N. & W. R. R., Cincinnati, O.
 Philadelphia Enameling Works, 254 N. 13th, Philadelphia, Pa.
 Price Brothers, Inc., 2644 N. Maplewood Ave., Chicago, Ill.
 Safford Stamp Works, 205 W. Madison, Chicago, Ill.
 Twentieth Century Co., 542 S. Dearborn, Chicago, Ill.
 Tyler Co., The W. S., 3615 Superior Ave., Cleveland, O.
 Usona Mfg. Co., 3512 Chouteau, St. Louis, Mo.
 Williams Inc., Jno., 542 W. 27th, New York, N. Y.

BRONZE SIGNS

(See Signs, Brass and Bronze)

BUDGET SYSTEMS, HOME

(See Systems, Budget, Home)

BUILDERS, BANK

(See Architects and Builders)

BUILDING AND LOAN ADVERTISING

(See Advertising, Building and Loan)

BULLET-PROOF GLASS

(See Glass, Bullet-Proof)

51 BULLETIN BOARDS

Brakmeier Bros., 112 S. 4th Ave., Louisville, Ky.
 Clark Mfg. Co., R. W., 4311 Ravenswood Ave., Chicago, Ill.
 Davenport-Taylor Corp., 412 Orleans, Chicago, Ill.
 General Outdoor Advertising Co., Inc., 1 Park Ave., New York, N. Y.
 Matthews & Co., Jas. H., 3942 Forbes, Pittsburgh, Pa.
 Meeker Co., Inc., 3d & Michigan, Joplin, Mo.
 National Adv. Service, Inc., P. O. Box 75, La Grange, Ind.
 Newman Mfg. Co., Cleneay Ave. & N. & W. R. R., Cincinnati, O.
 Philadelphia Enameling Works, 254 N. 13th, Philadelphia, Pa.
 Price & Co., Inc., Henry F., 15 E. 40th, New York, N. Y.
 Sunset System, 2323 Broadway, San Antonio, Tex.
 Tablet & Ticket Co., 1021 W. Adams, Chicago, Ill.
 Twentieth Century Co., 542 S. Dearborn, Chicago, Ill.
 Wisconsin Iron & Wire Works, 1660 Booth, Milwaukee, Wis.

52 BURGLAR ALARMS

American District Telephone & Telegraph Co.
 183 Varick, New York, N. Y.
 Burglary Protection Co., 738 Ceres Ave., Los
 Angeles, Cal.
 Butte Electric & Mfg. Co., 956 Folsom, San
 Francisco, Calif.
 Danne, Harold A., 41 Park Row, New York, N. Y.
 Diebold Safe & Lock Co., Canton, O.
 Duplex Electric Co., 71-73 Grand, New York, N. Y.
 Federal Electric Co., 8700 S. State, Chicago, Ill.
FEDERAL LABORATORIES, INC., 185 41st
 Street, Pittsburgh, Pa.
 Holmes Electric Protective Co., 370 Seventh, New
 York, N. Y.
 McClintock Co., O. B., 139 Lyndale Ave., N.,
 Minneapolis, Minn.
 Norris Safe & Lock Co., 114 Third Ave., Seattle,
 Wash.
 Patrick & Wilkins Co., 51 N. 7th, Philadelphia, Pa.

53 BURGLAR ALARMS (GAS)

Diebold Safe & Lock Co., Canton, O.
 Federal Laboratories, Inc., 185 41st Street
 Pittsburgh, Pa.
 Hi-Way Alarm Co., Cedarburg, Wis.
 Taylor-Palmer Co., 49 E. Wells, Milwaukee, Wis.

54 BURGLAR ALARM INSPECTION

Underwriters' Laboratories, Inc., 207 E. Ohio,
 Chicago, Ill.

BURGLAR-PROOF SAFES

(See Safes, Fire & Burglar-Proof)

BURGLARY INSURANCE

(See Insurance, Burglary)

55 BUTTONS, ADVERTISING

Acraft Manufacturing Co., 2448-56 W. 22d St.,
 Chicago, Ill.
 Brown & Bigelow, Quality Park, St. Paul, Minn.
 Childs & Co., S. D., 136 S. Clark, Chicago, Ill.
 Pollis Advertising Service, W. E., 159 N. State,
 Chicago, Ill.

C**56 CABINETS, COIN WRAPPER**

Abbott Coin Counter Co., 143d & Wales Ave.,
 New York, N. Y.
 Downey Co., C. L., 941 Clark, Cincinnati, Ohio.
 Standard-Johnson Co., Inc., 371 Pacific, Brooklyn,
 N. Y.

57 CABINETS, FILING

All-Steel-Equip Company, Aurora, Ill.
 Art Metal Construction Co. Jones & Gifford Ave.,
 Jamestown, N. Y.
 Automatic File & Index Co., 427 W. Randolph,
 Chicago, Ill.
 Edwards Co., Inc., O. M., Solar & Plum, Syracuse,
 N. Y.
 General Fireproofing Co., Youngstown, O.
 Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Invincible Metal Furniture Co., Manitowoc, Wis.
 Jamestown Metal Equipment Co., Inc., 1088 Allen
 St., Jamestown, N. Y.
 Lefax (Inc.), 9th & Sansom, Philadelphia, Pa.
 Le Febure Corp., Cedar Rapids, Iowa.
 Macey Co., The, 1520 Division Ave., S., Grand
 Rapids, Mich.
 Marshall Jackson Co., 26 S. Clark, Chicago, Ill.
 Metal Office Furniture Co., Grand Rapids, Mich.
 Pressteel Engineering Corporation, 52 Vanderbilt
 Ave., New York, N. Y.

Remington Rand Business Service, 465 Wash-
 ington, Buffalo, N. Y.
 Schwabacher-Frey Stationery Co., 735 Market,
 San Francisco, Cal.
 Shaw-Walker Co., Muskegon, Mich.
 Steel Equipment Corp., Avenel, N. J.
 Terrelli Equipment Company, Grand Rapids, Mich.
 Wagemaker Co., 566 Market, S. W., Grand Rapids,
 Mich.
 Watson Mfg. Co., Jamestown, N. Y.
 Weis Mfg. Co. Union, Monroe, Mich.
YAWMAN & ERBE MFG. CO., 1099 Jay St.,
 Rochester, N. Y.

58 CABINETS, LEDGER POSTING MACHINE

Automatic File & Index Co., 427 W. Randolph,
 Chicago, Ill.
 Currier Manufacturing Co., Inc., North Western
 Terminal, Minneapolis, Minn.
 Edwards Co., Inc., O. M., Solar & Plum, Syracuse,
 N. Y.
 Le Febure Corporation, Cedar Rapids, Ia.
 McDonald Ledger & Loose Leaf Co., 1809 Sum-
 merdale, Chicago, Ill.
 Remington Rand Business Service, 465 Wash-
 ington, Buffalo, N. Y.
 Watson Mfg. Co., Jamestown, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester,
 N. Y.

CABINETS, MAP

(See Cabinets, Steel)

59 CABINETS, STEEL

Albatross Steel Equipment Co., P. O. Drawer A.,
 Sawtelle, Cal.
 Angle Steel Stool Co., Inc., 2 Oak, Plainwell, Mich.
 Canton Art Metal Co., 2820 Winfield Way, N. E.,
 Canton, O.
 Dameron-Pierson Company, 400 Camp, New
 Orleans, La.
 Durabilt Steel Locker Co., Aurora, Ill.
 Edwards Co., Inc., O. M., Solar & Plum, Syracuse,
 N. Y.
 General Fireproofing Co., Youngstown, Ohio.
 The Globe-Wernicke Co., Carthage Ave., Cin-
 cinnati, O.
 Imperial Steel Cabinet Co., 2144 Fulton, Chicago,
 Ill.
 Invincible Metal Furniture Co., Manitowoc, Wis.
 Le Febure Corporation, Cedar Rapids, Ia.
 Lyon Metal Products, Inc., Aurora, Ill.
 Macey Co., The, 1520 Division Ave., S., Grand
 Rapids, Mich.
 Medart Mfg. Co., Fred, 3535 De Kalb, St. Louis,
 Mo.
 Mount & Robertson, 62 Broad, New York, N. Y.
 Pressteel Engineering Corporation, 52 Vanderbilt
 Ave., New York, N. Y.
 Remington Rand Business Service, 465 Wash-
 ington, Buffalo, N. Y.
 The Shaw-Walker Co., Muskegon, Mich.
 Terrell's Equipment Co., Grand Rapids, Mich.
 Watson Mfg. Co., Jamestown, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester,
 N. Y.

60 CABINETS, STORAGE

Automatic File & Index Co., 427 W. Randolph,
 Chicago, Ill.
 The A. Claus Mfg. Co., 5250 Brookpark Rd.,
 Cleveland, O.
 Dameron-Pierson Company Ltd., 300 Camp, New
 Orleans, La.
 Durabilt Steel Locker Co., Aurora, Ill.
 General Fireproofing Co., Youngstown, O.
 The Globe-Wernicke Co., Carthage Ave., Cin-
 cinnati, O.

Hart & Hutchinson Co., New Britain, Conn.
 Invincible Metal Furniture, Co. Manitowoc, Wis.
 Le Febure Corporation, Cedar Rapids, Iowa.
 Lyon Metal Products, Inc., Aurora, Ill.
 Medart Mfg. Co., Fred, 3535 De Kalb, St. Louis,
 Mo.
 Remington Rand Business Service, 465 Wash-
 ington, Buffalo, N. Y.
 Shaw-Walker Co., The, Muskegon, Mich.
 Terrell's Equipment Co., Grand Rapids, Mich.
 Watson Manufacturing Co., Jamestown, N. Y.
 Weis Mfg. Co., 1099 Union St., Monroe, Mich.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester,
 N. Y.

61 CABINETS, TRAY

Automatic File & Index Co., 427 W. Randolph,
 Chicago, Ill.
 Currier Manufacturing Co., Inc., North Western
 Terminal, Minneapolis, Ind.
 Le Febure Corporation, Cedar Rapids, Iowa.
 Pressteel Engineering Corporation, 52 Vanderbilt
 Ave., New York, N. Y.
 Remington Rand Business Service, 465 Wash-
 ington, Buffalo, N. Y.
 Wagemaker Co., Grand Rapids, Mich.
 Watson Mfg. Co., Jamestown, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester,
 N. Y.

62 CABINETS, TYPEWRITER

Currier Manufacturing Co., Inc., North Western
 Terminal, Minneapolis, Minn.
 Remington Rand Business Service, 465 Wash-
 ington, Buffalo, N. Y.

CABINETWORK

(See Woodwork)

CAGES, BANK

(See Grillwork)

CALCULATING MACHINES

(See Machines, Calculating)

63 CALCULATORS, TIME & INTEREST

Becher Co., Carl J., Appleton, Wis.
 Hughes Co., P. R., 1106 Adams, Toledo, O.
 Mellicke Systems, Inc., 3466 N. Clark, Chicago, Ill.
 Pre-calculated Business System Co., 406 S. Main,
 Los Angeles, Calif.
 Twentieth Century Co., 542 S. Dearborn, Chicago,
 Ill.

CALENDAR DESK PADS

(See Pads, Desk, Calendar)

64 CALENDARS

The Adams-Lessack Co., 1507 Arch St., Philadel-
 phia, Pa.
 Advertising Specialty Co., 609 Ryan Bldg., St.
 Paul, Minn.
 American Art Works, Inc., Coshocton, O.
 American Calendar Co., Inc., Greeneville, Tenn.
 American Embossing Co., 196 Seneca, Buffalo, N. Y.
 Bankers Printing Co., 836 Montgomery St., San
 Francisco, Calif.
 Baumgarth Co., John, 540 N. Michigan Ave.,
 Chicago, Ill.
 Brace & Co., H. G., 400 Seventh North, Seattle,
 Wash.
 Broderick Co., 460 Robert, St. Paul, Minn.
 Brown & Bigelow, Quality Park, St. Paul, Minn.
 Carrithers & Co., 128 N. Wells, Chicago, Ill.
CLARK PRINTING & MANUFACTURING CO.,
 417 N. Vesper, Lock Haven, Pa. (See our adv.
 on this page.)

SPECIAL

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 HISTORICAL
 FEATURE CALENDAR**

14x18 in. Added Features Guarantee
 Full Twelve Months Advertising

Write us and receive
 complete samples and
 information.

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 PRINTING & MFG. CO.**
 Lock Haven, Pa.

CALENDARS—CONTINUED

Colson Co., U. O., Paris, Ill.
 Columbian Art Works, Inc., 1024 Juneau, Milwaukee, Wis.
 Coshocton Specialty Co., Coshocton, O.
 Courier Journal Job Printing Co., 316-328 W. Liberty, Louisville, Ky.
 Defiance Sales Corporation, 72-78 Spring, New York, N. Y.
 Dow Co., Louis F., 2242 University Ave., St. Paul, Minn.
 Economy Adv. Co., Linn & Market, Iowa City, Ia.
 Erickson Co., Inc., C. E., 506 W. Third, Des Moines, Ia.
 Fogarty Mfg. Co., 800 Monument Ave., Dayton, O.
 Follis Adv. Service, W. E., 159 N. State, Chicago, Ill.
 Forbes-Lithograph Mfg. Co., P. O. Box 5130, Boston, Mass.
 Gerlach-Barklow Co., Joliet, Ill.
 Grand Rapids Calendar Co., 906-912 S. Division, Grand Rapids, Mich.
 Joliet Calendar Co., Gardner, Joliet, Ill.
 Kemper-Thomas Co., Park Ave., Norwood, O.
 Kenyon Co., Inc., 303-309 Grand Ave., Des Moines, Ia.
 Kohl & Co., P. J., 224-230 W. Huron, Chicago, Ill.
 Mayer Mfg. Corp., 1436 W. Randolph, Chicago, Ill.
 Meeker Co., Inc., 3d & Michigan, Joplin, Mo.
 Merchants Publishing Co., 412 W. Michigan Ave., Kalamazoo, Mich.
 Messenger Corp., 5932 Wentworth Ave., Chicago, Ill.
 Metropolitan Calendar Press, 120 N. Jefferson, Chicago, Ill.
 Murphy Co., The Thos. D., 110 S. 2d, Red Oak, Ia.
 National Art Works, Inc., 710 Greer Ave., Covington, Ky.
 Novelty Advertising Co., Coshocton, O.
 Osborne Co., 759 Summer Ave., Newark, N. J.
 Shedd Brown Mfg. Co., 319 Fifth Ave. So., Minneapolis, Minn.
 Stuart-Hooper Co., 5431 S. Wabash Ave., Chicago, Ill.
 Sullivan Ptg. Works Co., 1067 Gilbert Ave., Cincinnati, O.
 Swinney Ptg. Co., Fort Branch, Ind.
 Terre Haute Adv. Co., 1317 Poplar, Terre Haute, Ind.
 Texas Novelty Advertising Co., 117-119 S. Waco, Hillsboro, Texas.
 Thrift Service Co., 2128 Richland Ave., Cleveland, Ohio.
 Twentieth Century Co., 542 S. Dearborn, Chicago, Ill.
 Wilson-Hurd Co., Wausau, Wis.
 Woodbury & Co., Inc., Chadwick Square, Worcester, Mass.

65 CALENDARS, DAILY DATE

(See also Calendars)

Joliet Calendar Co., Gardner, Joliet, Ill.
 Messenger Corp., 5932 Wentworth Ave., Chicago, Ill.
 Metropolitan Calendar Press, 120 N. Jefferson, Chicago, Ill.
 Murphy Co., Thos. D., 110 S. 2d, Red Oak, Ia.
 National Art Works, Inc., 710 Greer Ave., Covington, Ky.
 Sullivan Printing Works, 1067 Gilbert Ave., Cincinnati, O.

66 CALENDARS, DESK

Ace Mfg. Co., 280 Plane, Newark, N. J.
 Bar-Trex Mfg. Co., 1813 Ave. D, Birmingham, Ala.
 Brown & Bigelow, Quality Park, St. Paul, Minn.
 Davenport-Taylor Corp., 412 Orleans, Chicago, Ill.
 Follis Advertising Service, W. E., 159 N. State, Chicago, Ill.
 Lawrence & Co., Inc., B. E., 351 E. Ohio, Chicago, Ill.
 Messenger Corp., 5932 Wentworth Ave., Chicago, Ill.
 Metropolitan Calendar Press, 120 N. Jefferson, Chicago, Ill.
 National Art Works, Inc., 710 Greer Ave., Covington, Ky.
 Twentieth Century Co., 542 S. Dearborn, Chicago, Ill.
 Typo Trading Co., The, 541 Pearl, New York, N. Y.
 Voss Co., Herman, 603 E. Water, Milwaukee, Wis.

67 CALENDARS, MATURITY

American-Canadian Maturity Guide, 1039-41 Gibson, Pittsburgh, Pa.
 Horder's, Inc., 231 S. Jefferson, Chicago, Ill.
 Twentieth Century Co., 542 S. Dearborn, Chicago, Ill.

68 CAMERAS

Agfa Ansco Corporation, 29 Charles, Binghamton, N. Y.
 Bell & Howell Co., 1801 Larchmont Ave., Chicago, Ill.

CANCELLING MACHINES

(See Machines, Cancelling Check)

69 CAPS, ADVERTISING

(See also Specialties, Advertising)

Follis Adv. Service, W. E., 159 N. State, Chicago, Ill.

CARD LEDGERS

(See Ledgers, Card)

CARD RECORDS, VISIBLE

(See Visible Records)

70 CARDS, GREETING

American Embossing Co., 196 Seneca, Buffalo, N. Y.
 Bankers Printing Co., 836 Montgomery, San Francisco, Cal.
 Baumgarth Co., John, 540 N. Michigan Ave., Chicago, Ill.
 Brown & Bigelow Quality Park, St. Paul, Minn.
 Falconer Co., 414 Water, Baltimore, Md.
 Follis Advertising Service, W. E., 159 N. State, Chicago, Ill.
 Forbes Lithographing Mfg. Co., P. O. Box 5130, Boston, Mass.
 Gerlach-Barklow Co., Joliet, Ill.
 Kemper-Thomas Co., Park Ave., Norwood, O.
 Kohl & Co., P. J., 224-230 W. Huron, Chicago, Ill.
 Martin Co., The Frank, Marshall Bldg., Cleveland, O.
 McBee Binder Co., Smith, Athens, O.
 Murphy Co., Thos. D., 110 S. 2d, Red Oak, Ia.
 National Art Works, Inc., 710 Greer Ave., Covington, Ky.
 Novelty Advertising Co., Coshocton, O.
 Osborne Co., 759 Summer Ave., Newark, N. J.
 Shaw Advertising Co., 520 Produce Exch. Bldg., Kansas City, Mo.
 Stafford-Lowdon Co., 610 W. Daget, Ft. Worth, Tex.
 Volland Co., P. F., Joliet, Ill.
 Woodbury & Co., Inc., Chadwick Sq., Worcester, Mass.
 Young & Selden Co., 224 N. Calvert, Baltimore, Md.; Philadelphia and Pittsburgh.

CARDS, STREET CAR

(See Advertising, Street Car)

71 CASES, CATALOGUE

Automatic File & Index Co., 427 W. Randolph, Chicago, Ill.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Yawman & Erbe Mfg. Co., Rochester, N. Y.

72 CASES, NOTE, STEEL

All-Steel-Equip. Company, Aurora, Ill.
 Art Steel Co., Inc., 401 W. 23d, New York, N. Y.
 Cole Steel Equipment Co., 35 Crescent, Long Island, N. Y.
 General Fireproofing Co., Youngstown, Ohio.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Kohlhaas Co., 204 N. Dearborn, Chicago, Ill.
 Metal Office Furniture Co., Grand Rapids, Mich.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Victor Safe & Equipment Co., Marietta, O.
 Watson Mfg. Co., Jamestown, N. Y.

CASH BOOKS, TELLERS

(See Books, Cash, Tellers')

CASHIERS, AUTOMATIC

(See Coin Changers)

CELLULOID NOVELTIES

(See Novelties, Celluloid)

CENTRAL FILES

(See Files, Central)

CERTIFICATE OF DEPOSIT FORMS

(See Forms, Bank)

73 CERTIFICATES, STOCK & BOND

American Bank Note Co., 118-132 E. Cullerton, Chicago, Ill.
 Capitol Banknote Co., 429 S. Ashland Ave., Chicago, Ill.
 Central Banknote Co., 319 N. Albany, Chicago, Ill.
 Columbian Bank Note Co., 500 S. Ashland Blvd., Chicago, Ill.
 Corporation Bank Note Co., 38 S. Dearborn, Chicago, Ill.
 Mann Co., Wm., 529 Market, Philadelphia, Pa.
 Mercantile Printing Co., 107 N. Wacker Drive, Chicago, Ill.

Northern Bank Note Co., 2340 N. Racine Ave., Chicago, Ill.
 Reserve Litho. & Ptg. Co., Caxton Bldg., Cleveland, O.
 Standard Bank Note Co., 351 E. Ohio, Chicago, Ill.
 ST. LOUIS LITHOGRAPHING CO., 312 N. 3d St., St. Louis, Mo.
 Swinney Ptg. Co., Fort Branch, Ind.
 Young & Selden Co., 224 N. Calvert, Baltimore, Md.

74 CERTIFIERS, CHECK

Ajax Time Stamp Co., 354 Broadway, New York, N. Y.
 Hedman Manufacturing Co., 1158 Center, Chicago, Ill.
 Joslin Mfg. Co., 123 Arthur, Manistee, Mich.
 Safe-Guard Corporation, Lansdale, Pa.

CHAIR PADS

(See Supplies, Bank & Office)

75 CHAIRS

(See also Furniture, Bank and Office)

Allen-Marshall Co., Ivan, 40 Marietta, Atlanta, Ga.
 The Claus Mfg. Co., A., 5250 Brookpark Rd., Cleveland, O.
 Colonial Chair Co., 1740 N. Maplewood Ave., Chicago, Ill.
 Do/More Chair Co., Elkhart, Ind.
 Johnson Chair Co., 4401 W. North Ave., Chicago, Ill.
 Karpen & Bros., S., 801 Wabash Ave., Chicago, Ill.
 Lexington Desk Co., Inc., 157 E. 44th, New York, N. Y.
 Macey Company, The, 1520 Division Ave. S., Grand Rapids, Mich.
 Marble & Shattuck Chair Co., Cleveland, O.
 Milwaukee Chair Co., 666 Lake Shore Dr., Chicago, Ill.
 Pembroke Co., 24 E. Broadway, Salt Lake City, Utah.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Sikes Co., 23d & Passayunk Ave., Philadelphia, Pa.
 Sturgis Posture Chair Co., Sturgis, Mich.
 Taylor Chair Co., The, Bedford, O.
 Williams, Inc., Jno., 542 W. 27th, New York, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

76 CHAIRS, POSTURE

Adams, Groesbeck, Mirabella Co. ('Adco Health Chair'), 70 Gold, New York, N. Y.
 Do/More Chair Co., Elkhart, Ind.
 Fritz Cross Co., 282 E. 4th, St. Paul, Minn.
 Gunlocke Chair Co., W. H., Wayland, N. Y.
 Johnson Chair Co., 4401 W. North Ave., Chicago, Ill.
 Ko-Rect Posture Chair Co., High Point, N. C.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Sturgis Posture Chair Co., Sturgis, Mich.
 Toledo Metal Furniture Co., 1100 Hastings, Toledo, Ohio.

CHANGEABLE SIGNS

(See Signs, Changeable)

CHANGE MAKERS

(See Coin Changers)

77 CHARTING EQUIPMENT & SERVICE

BUSINESS CHARTING INSTITUTE, Oak Park, Ill. (Chart Craft Forms)
 Multiplex Display Fixture Co., 918 N. 10th, St. Louis, Mo.

CHECK BOOK COVERS

(See Covers, Check Book)

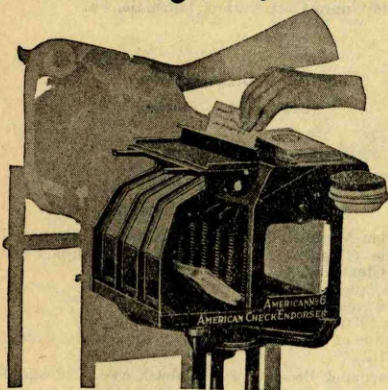
CHECK BOOKS

(See Books, Check)

78 CHECK DISPENSERS

Bar-Trex Mfg. Co., 1813 Ave. D., Birmingham, Ala.
 Krauth & Benninghofen, 940 Symmes Ave., Hamilton, Ohio.

**Now—
 “Endorse
 as you list”
 With the perfect
 check endorser.**



THE “AMERICAN” Check Endorser is usually used in conjunction with the Adding Machine. As each check is listed it is simply dropped into the Endorser, therefore, listing and endorsing become one operation.

All checks receive a perfect printed endorsement.
 Skips are impossible.
 No extra labor to endorse checks.
 Clerks list right up to the last minute—no time out for stamping.
 Batch numbers or A.M. and P.M. on each check if wanted.

New and important features found only in the “AMERICAN” demand your consideration. Write for complete information before buying any Endorser.

**AND—
 For check canceling
 the “self-repairing”
 perforator.**



THE “AMERICAN” No. 22
 “Self-repairing” Perforator

PINS and clips concealed in the checks are the primary cause of dull, bent or broken perforating needles. The “AMERICAN” No. 22 is the only hand machine that doesn't require periodical trips to the factory for expensive repairs. Damaged needles are replaced in five minutes' time. Your next perforator will be an “AMERICAN” No. 22. Write us for our liberal trade-in proposition. Improved foot power and electric models also.

THE AMERICAN PERFORATOR CO.

Incorporated 1910

Main Office & Works Eastern Sales & Service
 612 W. Jackson Blvd., 24 Thames Street
 Chicago, Illinois New York City

79 CHECK ENDORSERS

AMERICAN PERFORATOR CO., 612 W. Jackson Blvd., Chicago, Ill. (See our adv. on this page.)
Cummins Perforator Co., 4740 Ravenswood Ave., Chicago, Ill.
Endorsograph Company, 24th & Locust, Philadelphia, Pa.
Ielfield Postal Supply Corp., 341 Central Ave., Silver Creek, N. Y.
International Postal Supply Co., 634 Prospect Place, Brooklyn, N. Y.

CHECK IMPRINTING

(See Checks)

80 CHECK LISTS, STOP-PAYMENT

Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
Security Envelope Co., 2900 Fifth Ave., Minneapolis, Minn.

81 CHECK PHOTOGRAPHING MACHINE

The National Perforator Co., 1017 No. Front, Philadelphia, Pa.
Recordak Corporation, 350 Madison Ave., New York, N. Y.

CHECK PROTECTORS

(See Protectors, Check)

82 CHECK RECORDERS

Bankers Supply Co., 5950 S. State, Chicago, Ill.
The National Perforator Co., 1017 N. Front, Philadelphia, Pa.
Recordak Corporation, 350 Madison Ave., New York, N. Y.

83 CHECK SIGNER

Hedman Mfg. Co., 1158 Center, Chicago, Ill.

CHECKWRITER

(See Protectors, Check)

84 CHECKS

American Bank Note Co., 118-132 Cullerton, Chicago, Ill.
American Bank Stationery Co., Curtain, Aiken & Hargest and Asquith, Baltimore, Md.
American Bindery Corp., 1310 Maple, Detroit, Mich.
Bankers Printing Co., 836 Montgomery, San Francisco, Cal.
Boorum & Pease Co., 84 Hudson Ave., Brooklyn, N. Y.
Broderick Co., 460 Robert, St. Paul, Minn.
Brown, Lent & Pett, Inc., 110 William, New York, N. Y.
Capitol Bank Note Co., 429 S. Ashland Ave., Chicago, Ill.
Columbian Bank Note Co., 500 S. Ashland Blvd., Chicago, Ill.
Columbus Bank Note Co., 40 E. Spring, Columbus, O.
Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
Dameron-Pierson Company, Ltd., 400 Camp, New Orleans, La.
De Luxe Check Printers, Inc., 900 N. Franklin, Chicago, Ill.; 2531 University Ave., St. Paul, Minn.; 129 Lafayette, New York, N. Y.; 634 Huron Rd., Cleveland, O.
Dodsworth Stationery Co., Sam'l, 412-414 W. 10th, Kansas City, Mo.
Ekonomik Bank Check Co., 2712 S. Wabash Ave., Chicago, Ill.
Forbes Litho. Mfg. Co., P. O. Box 5130, Boston, Mass.
Ft. Wayne Ptg. Co., 119 Holman, Ft. Wayne, Ind.
Gast Bank Note Co., 4189 Chippewa, St. Louis, Mo.
HALL CO., J. C., 68 W. Exchange, Providence, R. I.
Hutson & Co., C. S., 555-561 S. San Pedro, Los Angeles, Calif.
Isler-Tompsett Litho. Co., 2940 Benton, St. Louis, Mo.

Kansas Bank Note Co., Fredonia, Kan.
Kennedy Printing Co., 609-611 Monroe, Fredonia, Kan.
Lefax (Inc.), 9th & Samson, Philadelphia, Pa.
Long Island Printing & Lithographing Co., Inc., 137 Jackson, Hempstead, N. Y.
Mann Co., Wm., 529 Market, Philadelphia, Pa.
Monasch Co., 500 Fifth, S., Minneapolis, Minn.
Northern Bank Note Co., 2340 N. Racine Ave., Chicago, Ill.
Pettibone & Co., P. F., 27 N. Desplaines, Chicago, Ill.
Protectu Bank Note Corp., 4048 Schubert Ave., Chicago, Ill.
Pugh & Co., H. G., 1000 Center St., Little Rock, Ark.
Razell Mfg. Co., H. G., 710 S. 12th, Milwaukee, Wis.
Reserve Litho. & Ptg. Co., Caxton Bldg., Cleveland, O.
Reynolds & Reynolds Co., Washington & Dudley, Dayton, O.
Richmond & Backus Co., Woodward at Congress, Detroit, Mich.
Schwabacher-Frey Stationery Co., 735 Market, San Francisco, Cal.
Smith-Brooks Printing Co., 1733 California, Denver, Colo.
Smith Ptg. Co., 225 E. 3d, Williamsport, Pa.
Stafford-Lowdon Co., 610 W. Daget, Ft. Worth, Tex.
Standard Bank Note Co., 351 E. Ohio, Chicago, Ill.
Stephens Litho. & Engr. Co., 420 N. 2d, St. Louis, Mo.
Stuart-Hooper Co., 5431 S. Wabash Ave., Chicago, Ill.
Sunset Press, 1045 Sansome, San Francisco, Cal.
Swinney Printing Co., Fort Branch, Ind.
Todd Co., 1185 University Ave., Rochester, N. Y.
United States Check Book Co., 1309-15 Howard, Omaha, Neb.
Van Clief Lithographing Co., 2708-12 Wabash Ave., Chicago, Ill.
Young & Selden Co., 224 N. Calvert, Baltimore, Md., Philadelphia and Pittsburgh.

85 CHECKS, METAL

Atlanta Rubber Stamp & Stencil Wks., 76 Forsyth St., N. W., Atlanta.
Bankers Savings & Credit System Co., 10302 Madison Ave., Cleveland, O.
Brakmeier Bros., 112 S. 4th Ave., Louisville, Ky.
Hanson Co., C. H., 303 W. Erie, Chicago, Ill.
Sachs-Lawlor Co., 1543 Larimer, Denver, Colo.
Safford Stamp Works, 205 W. Madison, Chicago, Ill.
Swisher Mfg. Co., R. D., 411 S. Clinton, Chicago, Ill.

86 CHEQUES, TRAVELERS'

American Express Co., 65 Broadway, New York, N. Y.
Bankers Trust Co., New York, N. Y.
Mellon National Bank, Smithfield St., Fifth & Oliver Aves., Pittsburgh, Pa.

87 CHESTS, STEEL

Bank Vault Inspection Co., 5 So. Eighteenth, Philadelphia, Pa.
Diebold Safe & Lock Co., Canton, Ohio.
General Fireproofing Co., Youngstown, O.
Herring-Hall-Marvin Safe Co., Grand Boulevard, Hamilton, O.
Invincible Metal Furniture Co., Manitowoc, Wis.
Meilink Steel Safe Co., Toledo, Ohio.
Mosler Safe Co., Hamilton, O.
National Safe & Lock Co., 2345 E. 69th, Cleveland, O.
Snyder-Gervitz Co., Englewood, N. J.
Watson Mfg. Co., Jamestown, N. Y.
Wisconsin Iron & Wire Works, 1660 Booth, Milwaukee, Wis.
Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

CHILDREN'S SAVINGS

(See School Savings)

88 CHRISTMAS MONEY CONTAINERS

American Embossing Co., 196 Seneca, Buffalo, N. Y.
HANDFORD BROWN CO., Coytesville-on-the-Hudson, N. J.
Hockswender Co., B. H., 711 Penn Ave., Pittsburgh, Pa.
Woodbury & Co., Inc., Chadwick Sq., Worcester, Mass.

89 CHRISTMAS SAVINGS

Bankers Printing Co., 836 Montgomery, San Francisco, Cal.
 Bankers Service Corp., 19 Warren, New York, N.Y.
 Banthrico Inc., 2944 W. Lake, Chicago, Ill.
 Call's Bankers Service Corporation, 321-327 Pearl, Scranton, Pa.
 Christmas Club, A division of National Bancservice Corp., 45 W. 45th, New York, N. Y.
 Delano Service, Allegan, Mich.
 Hockswender Co., B. H., 711 Penn Ave., Pittsburgh, Pa.
 Independent Christmas Service Co., 29-31 N. Desplaines, Chicago, Ill.
 Martin Co. (The Frank), Marshall Bldg., Cleveland, O.
 National Bancservice Corp., 461 8th Ave., New York, N. Y.
 National Thrift Assn., Telegraph Press Bldg., Harrisburg, Pa.
 Schmidt Lithograph Co., 461 Second, San Francisco, Calif.
 Security Savings Systems, Inc., Memphis, Tenn.
 Skinner & Kennedy, St. Louis, Mo.
 Smith Printing Co., 225 E. 3d, Williamsport, Pa.
 Standard Christmas Club, 435 N. Michigan Ave., Chicago, Ill.
 Staples & Staples, Inc., 10 S. 10th, Richmond, Va.
 Thrift Press, The, 225 S. Church, Rockford, Ill.
 Thrift Service Co., 2128 Richland Ave., Cleveland, Ohio.
 Von Senden Co., Arthur, 316 Fourth Ave., Pittsburgh, Pa.

90 CLEANERS, POLISHED STEEL

Braeco-Oyle Co., 3363 Pleasant Ave., Hamilton, O.

91 CLOCK SYSTEMS

Cincinnati Time Recorder Co., 1733 Central Ave., Cincinnati, Ohio.
 Duplex Electric Co., 71-73 Grand, New York, N. Y.
 Howard Clock Co., E., 206 Eustis, Boston, Mass.
 McClintock Co., O. B., 139 Lyndale Ave., N., Minneapolis, Minn.

92 CLOCKS, COIN

Coin Clock Service Co., 4900 Euclid Ave., Cleveland, O.
 Thrift Systems Co., Inc., 31 Nassau, New York, N. Y.

93 CLOCKS, POST & BRACKET

Flour City Ornamental Iron Co., 27th Ave. & 27th, Minneapolis, Minn.
 Howard Clock Co., E., 206 Eustis, Boston, Mass.
 McClintock Co., O. B., 139 Lyndale Ave., N., Minneapolis, Minn.

94 CLOCKS, TIME

Stromberg Electric Co., 223 W. Erie, Chicago, Ill.
 Thompson Time Stamp Co., Inc., The, 240 W. 23d, New York, N. Y.

95 CLOCKS, WATCHMEN'S

Kastens, Henry, 418 W. 27th, New York, N. Y.

96 CLOTH, GUMMED

Chicago Gum Tape Co., 855 W. Adams, Chicago, Ill.
 Hall Paper & Specialties Co., Inc., 27 Thames St., New York, N. Y.

97 CLUBS, CHRISTMAS SAVINGS

(See also Christmas Savings)

Christmas Club, A division of National Bancservice Corp., 45 W. 45th, New York City.
 Hockswender Co., B. H., 711 Penn, Pittsburgh, Pa.
 National Bancservice Corp., 461 8th Ave., New York, N. Y.

COIN BAGS

(See Bags, Coin)

COIN BOXES

(See Boxes Coin)

98 COIN CHANGERS

Brandt Automatic Cashier Co., Watertown, Wis.
 Hedman Mfg. Co., 1158 Center, Chicago, Ill.
 Hoefer Change-Maker Co., 3700 E. 12th, Kansas City, Mo.
 Universal Stamping & Mfg. Co., 2839 N. Western Ave., Chicago, Ill.

99 COIN COUNTING MACHINES

Abbott Coin Counter Co., 143d St. & Wales Ave., New York, N. Y.
 C. L. Downey Co., 941 Clark St., Cincinnati, Ohio.
 Klopp Engineering Works, 17185 Ryan Rd., Detroit, Mich.
STANDARD-JOHNSON CO., INC., 371 Pacific St., Brooklyn, N. Y. (See our adv. on this page.)

100 COIN FOLDERS

Handford, Brown Co., Coytesville on the Hudson, N. J.
 Hockswender Co., B. H., 711 Penn Ave., Pittsburgh, Pa.
 Lindley Box & Paper Co., Marion, Ind.
 National Art Works, Inc., 710 Greer Ave., Covington, Ky.
 Noble & Co., F. H., 557 W. 59th, Chicago, Ill.
 Smith-Brooks Ptg. Co., 1733-47 California, Denver, Colo.
 Spies Mfg. Co., John N., Watertown, N. Y.
 Von Senden Co., Arthur, 316 Fourth Ave., Pittsburgh, Pa.

COIN TRAYS

(See Trays, Coin)

COIN WRAPPER CABINETS

(See Cabinets, Coin Wrapper)

COLLECTION SYSTEMS

(See Systems, Collection)

COMBINATION CHECK & PASS BOOK

(See Books, Check)

101 COMMERCIAL ATLASES

RAND McNALLY & CO., 536 S. Clark St., Chicago, Ill.

COMPTOMETERS

(See Machines, Adding)

COMPUTERS, TIME

(See Calculators, Time and Interest)

CONTESTS, NEW BUSINESS

(See Advertising Service Bank)

COPYING MACHINES

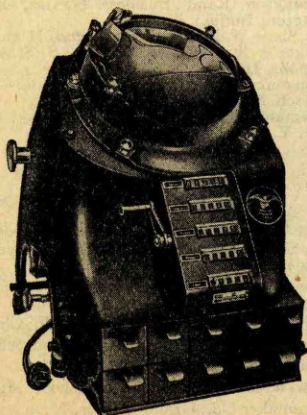
(See Duplicators)

102 COST ACCOUNTING

MORAN, B. T., INC., 400 N. Michigan Ave., Chicago, Ill.

103 COVERS, CHECK BOOK

American Bank Check Cover Co., 718 N. 15th, St. Louis, Mo.
 American Beauty Cover Co., 1900 Orange, Dallas, Tex.
 Beach Leather Co., 1301 E. Walnut, Coshocton, O.
 Buckeye Leather Co., 946 Chestnut, Coshocton, O.
 Buth & Co., Inc., W. F., 1005 University Ave., St. Paul, Minn.
 Continental Bank-Supply Co., Mexico, Mo.
 Coshocton Specialty Co., Coshocton, O.
 Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 Economy Adv. Co., Linn & Market, Iowa City, Ia.
 The Exline Co., 113 St. Clair Ave., N. E., Cleveland, Ohio.
 Feldco Loose Leaf Corp., 357 N. La Salle, Chicago, Ill.
 Ferree Co., E. H., Lockport, N. Y.
 Ft. Wayne Printing Co., 119-130 Holman, Ft. Wayne, Ind.
 Gast Bank Note Co., 4189 Chippewa, St. Louis, Mo.
 Kemper Thomas Co., Park Ave., Norwood, Ohio.
 Kennedy Printing Co., 609-611 Monroe, Fredonia, Kan.
 Leather Products Co., 201 South, Iola, Kan.
 L'Enfant-Oley-Martin Mfg. Corp., 99-101 Fifth Ave., New York, N. Y.
 Martin Co., The Frank, Marshall Bldg., Cleveland, Ohio.
 Meeker Co., Inc., 3d & Michigan, Joplin, Mo.
 National Bank Supply Co., Inc., 60 Spring, New York, N. Y.
 Novelty Advertising Co., Coshocton, O.
 Northern Bank Note Co., 2340 N. Racine Ave., Chicago, Ill.
 Oliver Baker Mfg. Co., 420 S. 7th, Minneapolis, Minn.



MODEL F

STANDARD-JOHNSON Coin-Assorter and Counter

FOR counter work in handling mixed coin in home savings banks, school savings or other deposits. Assorts and counts pennies, nickels, dimes, quarters and halves in one operation.

Registration in dollars and cents. Motor driven. Mounted on portable stand, if preferred. Equipped either with coin boxes or bag holders. Small, simple, compact and durable.

Also a complete line of coin counting, assorting and packaging machines and coin wrappers.

Standard-Johnsons are used by the U. S. Treasury, U. S. Mints, Federal Reserve Banks and thousands of commercial and savings banks.

Accuracy Guaranteed.

Write for catalogue.

STANDARD-JOHNSON COMPANY, Inc.
 371-373 Pacific Street
 BROOKLYN, NEW YORK

COVERS, CHECK BOOKS—CONTINUED

Palmer Corp., Lester W., 14 Thomas, New York, N. Y.
 Pass Book & Check Cover Co., 232 Broadway, Denver, Colo.
 Red Wing Adv. Co., Red Wing, Minn.
 Reynolds & Reynolds Co., Washington & Dudley, Dayton, O.
 Richmond & Backus Co., Woodward at Congress, Detroit, Mich.
 Seelman & Sons Co., Geo., 337 Seventh, Milwaukee, Wis.
 Shedd-Brown Mfg. Co., 319 Fifth Ave. So., Minneapolis, Minn.
 Strayer Coin Bag Co., 1028 4th Ave., New Brighton, Pa.
 Todd Co., 1185 University Ave., Rochester, N. Y.
 Twentieth Century Co., 542 S. Dearborn, Chicago, Ill.
 United States Check Book Co., 1309-1315 Howard, Omaha, Neb.
 Universal Check Cover Co., 418 Linn, Springfield, Ohio.
 Van Clief Lithographing Co., 2708 Wabash Ave., Chicago, Ill.
 Voss Co., Herman, 603 E. Water, Milwaukee, Wis.
 Young & Selden Co., 224 N. Calvert, Baltimore, Md.; Philadelphia and Pittsburgh.
 Zell, Inc., D. H., 536 Broadway, New York, N. Y.

CREDIT FILES

(See Files, Credit)

CURRENCY BOXES

(See Boxes Currency)

CUT FILES

(See Files, Cut)

104 CUTTERS, COUPON

Twentieth Century Co., 542 S. Dearborn, Chicago, Ill.

D**DATING MACHINES**

(See Stamps, Dating)

DEPOSIT BOXES, SAFETY

(See Boxes, Deposit, Safety)

DEPOSIT RECEIVING MACHINES

(See Machines, Deposit Receiving)

105 DESIGNERS, INTERIOR

(See also Architects & Builders)

ABELL, E. F., 33 Liberty St., New York, N. Y.
 Aetna Cabinet Co., 321 W. Maryland, Indianapolis, Ind.
 American Fixture Co., 16th & Bellefontaine, Kansas City, Mo.
 Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Fisher Co., Charles City, Iowa.
 Lane & Tweed, City Bk. Bldg., Kansas City, Mo.
 McGuire & Shook, 941 N. Meridian, Indianapolis, Ind.
 Nachteggall Mfg. Co., 237-45 S. Front, Grand Rapids, Mich.
 National Bank Construction Company, 320 N. 4th, St. Louis, Mo.
 NEWMAN MANUFACTURING CO., Cleneay Ave. & N. & W. R. R., Cincinnati, O.
 Ohmer, Inc., Alfred A. & Robert F., 113 N. Jefferson, Dayton, O.
 Scheitler & Wenisch, 737 N. Michigan Ave., Chicago, Ill.
 Stiles Co., Geo. W., 664 N. Michigan Ave., Chicago, Ill.
 Taylor-Palmer Co., 49 E. Wells, Milwaukee, Wis.
 Tilghman Moyer Co., 141 N. 9th, Allentown, Pa.
 Wise Co., Inc., The, J. H., 911 Syndicate Trust Bldg., St. Louis, Mo.

Womack & Sons, Inc., J. P., Lakewood Ave., Atlanta, Ga.
 Yeo, Samuel P., 5 S. 18th, Philadelphia, Pa.

106 DESIGNERS, VAULT

(See also Vaults)

ABELL, E. F., 33 Liberty St., New York, N. Y.
 Bank Vault Inspection Co., 5 So. 18th, Philadelphia, Pa.
 Consolidated Expanded Metals Companies, Steel-concrete Bldg., Wheeling, W. Va.
 Hollar Company, 111 S. 15th, Philadelphia, Pa.
 Lock Steel Co., 725 Grant Bldg., Pittsburgh, Pa.
 Rivet-Grip Steel Company, The, 2404 Prospect Ave., Cleveland, O.
 Scheitler and Wenisch, 737 N. Michigan Ave., Chicago, Ill.
 Strauss & Son, E. A., 80 E. Jackson Blvd., Chicago, Ill.
 Yeo, Samuel P., 5 So. 18th, Philadelphia, Pa.

107 DESKS

(See also Furniture, Bank and Office)

Allen-Marshall Co., Ivan, 40 Marietta, Atlanta, Ga.
 Automatic File & Index Co., 427 W. Randolph, Chicago, Ill.
 FALLS BANK DESK CO., 2045 W. 103d St., Chicago, Ill. (See our adv. on this page.)
 Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Hoosier Desk Co., 202 Mill, Jasper, Ind.
 Imperial Desk Co., Florida & Devon, Evansville, Ind.
 Invincible Metal Furniture Co., Manitowoc, Wis.
 Lexington Desk Co., Inc., 157 E. 44th, New York, N. Y.
 Macey Company, The, 1520 Division Ave., S. Grand Rapids, Mich.
 Pembroke Co., 24 E. Broadway, Salt Lake City, Utah.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Schick, Johnson Co., 1737 N. Paulina, Chicago, Ill.
 Steel Fixture Mfg. Co., E. 7th & Adams, Topeka, Kan.
 Wagemaker Co., Grand Rapids, Mich.
 Watson Mfg. Co., Jamestown, N. Y.
 Williams, Inc., Jno., 542 W. 27th, New York, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

108 DESKS, BOOKKEEPERS'

Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Automatic File & Index Co., 427 W. Randolph, Chicago, Ill.
 Falls Bank Desk Co., 2045 W. 103d, Chicago, Ill. (See our adv. on page 26.)
 General Fireproofing Co., Youngstown, O.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Jamestown Metal Equipment Co., Inc., 1088 Allen, Jamestown, N. Y.
 Le Febure Corporation, Cedar Rapids, Ia.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Shaw-Walker Co., Muskegon, Mich.
 Watson Mfg. Co., Jamestown, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

109 DESKS, CARD RECORD

Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Automatic File & Index Co., 427 W. Randolph, Chicago, Ill.
 General Fireproofing Co., Youngstown, O.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Jamestown Metal Equipment Co., Inc., 1088 Allen, Jamestown, N. Y.
 Le Febure Corporation, Cedar Rapids, Ia.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Shaw-Walker Co., Muskegon, Mich.
 Wagemaker Co., Grand Rapids, Mich.
 Watson Mfg. Co., Jamestown, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

110 DESKS, CHECK SORTING

Automatic File & Index Co., 427 W. Randolph, Chicago, Ill.
 Claus Mfg. Co., A., 5250 Brookpark Rd., Cleveland, O.
 Currier Manufacturing Co., North Western Terminal, Minneapolis, Minn.

Falls Bank Desk Co., 2045 W. 103d, Chicago, Ill. (See our adv. on page 26.)

General Fireproofing Co., Youngstown, O.
 Le Febure Corporation, Cedar Rapids, Ia.
 The Shaw-Walker Co., Muskegon, Mich.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Watson Mfg. Co., Jamestown, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

111 DESKS, LOBBY

(See also Fixtures, Bank and Office)

American Fixture Co., 16th & Bellefontaine, Kansas City, Mo.
 American Iron & Wire Works, 1621 Carroll Ave., Chicago, Ill.
 Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Cincinnati Mfg. Co., Cincinnati, Ohio.
 Fisher Co., Charles City, Iowa.
 Flour City Ornamental Iron Co., 27th Ave. & 27th St., Minneapolis, Minn.
 General Fireproofing Co., Youngstown, Ohio.
 Georgia Show Case Co., Montgomery, Ala.
 Heath Co., John S., Waukegan, Ill.
 Le Febure Corporation, Cedar Rapids, Ia.
 Newman Mfg. Co., Cleneay Ave. & N. & W. R. R., Cincinnati, O.
 The Shaw-Walker Co., Muskegon, Mich.
 Watson Mfg. Co., Jamestown, N. Y.
 Williams, Inc., Jno., 542 W. 27th, New York, N. Y.
 Wisconsin Iron & Wire Works, 1660 Booth, Milwaukee, Wis.

112 DESKS, MECHANICAL POSTING

Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Falls Bank Desk Co., 2045 W. 103d, Chicago, Ill. (See our adv. on page 26.)
 Flour City Ornamental Iron Co., 27th Ave. & 27th St., Minneapolis, Minn.
 General Fireproofing Co., Youngstown, O.
 Le Febure Corporation, Cedar Rapids, Ia.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 The Shaw-Walker Co., Muskegon, Mich.
 Watson Mfg. Co., Jamestown, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

113 DESKS, METAL

(See also Furniture, Metal)

Falls Bank Desk Co., 2045 W. 103d, Chicago, Ill.
 General Fireproofing Co., Youngstown, O.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Le Febure Corporation, Cedar Rapids, Ia.
 Marshall-Jackson Co., 26 S. Clark, Chicago, Ill.
 Newman Mfg. Co., Cleneay Ave. & N. & W. R. R., Cincinnati, O.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Shaw, Walker Co., The, Muskegon, Mich.
 Watson Mfg. Co., Jamestown, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

114 DESKS, TYPEWRITER

(See also Stands, Typewriter)

Adjustable Table Co., 55 Mt. Vernon Ave., Grand Rapids, Mich.
 Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Automatic File & Index Co., 427 W. Randolph, Chicago, Ill.
 Falls Bank Desk Co., 2045 W. 103d, Chicago, Ill.
 General Fireproofing Co., Youngstown, O.
 Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Hoosier Desk Co., 202 Mill, Jasper, Ind.
 Le Febure Corporation, Cedar Rapids, Ia.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 The Shaw-Walker Co., Muskegon, Mich.
 Tucker & Dorsey Mfg. Co., 302 S. State, Indianapolis, Ind.
 Wagemaker Co., Grand Rapids, Mich.
 Watson Mfg. Co., Jamestown, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

115 DESKS, WOOD

(See also Furniture, Bank and Office)

Falls Bank Desk Co., 2045 W. 103d, Chicago, Ill.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Imperial Desk Co., Florida & Devon, Evansville, Ind.
 Marshall-Jackson Co., 26 S. Clark, Chicago, Ill.
 Maunsell's Office Supply Co., Montpelier, Vt.
 Orthwine, R., 344 W. 34th, New York, N. Y.
 Shaw-Walker Co., The, Muskegon, Mich.
 Wagemaker Co., Grand Rapids, Mich.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

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2045 W. 103rd St.

CHICAGO

116 DEVICES, LOOSE LEAF

(See also Supplies, Loose Leaf and specific headings)
 Grand Rapids Loose Leaf Binder Co., 10-16 W. Logan, Grand Rapids, Mich.
 Joyce Filing Co., Edw. J., 56 W. Washington, Chicago, Ill.
 Kennedy Printing Co., 609-611 Monroe, Fredonia, Kan.
 Lefax (Inc.), 9th & Sansom, Philadelphia, Pa.
 Le Febure Corporation, Cedar Rapids, Ia.
 Lloyd Co., W. G., 626 S. Clark, Chicago, Ill.
 McDonald Ledger & Loose Leaf Co., 1809 Summerdale, Chicago, Ill.
 Marshall-Jackson Co., 26 So. Clark, Chicago, Ill.
 Martell Co., A. E., Congress St., Keene, N. H.
 Master-Craft Corp., 825 Cobb, Kalamazoo, Mich.
 National Blank Book Co., Riverside, Holyoke, Mass.
 Pembroke Co., 24 E. Broadway, Salt Lake City, Utah.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Sheppard Co., C. E., Van Alst & 14th St., Long Island City, N. Y.
 Trussell Mfg. Co., Cottage, Poughkeepsie, N. Y.

117 DICTAPHONE CYLINDERS

Dictaphone Corporation, Graybar Bldg., New York, N. Y.
 Wilson-Jones Co., 3300 Franklin Blvd., Chicago Ill.

118 DICTAPHONES

(See also Machines, Dictating)
 Dictaphone Corporation, Graybar Bldg., New York, N. Y.

DICTATING MACHINES

(See Machines, Dictating)

119 DIME SAVERS

MORAN, B. T., INC., 400 N. Michigan Ave., Chicago, Ill.
 Snyder Brown Co., Coytesville-on-the-Hudson, N. J.

DIRECT MAIL ADVERTISING

(See Advertising, Direct Mail Material)

120 DIRECTORIES, BANKERS'

BANKERS' DIRECTORY (BLUE BOOK), 536 S. Clark St., Chicago, Ill.

DIRECTORIES, BUILDING

(See Bulletin Boards)

121 DIRECTORIES, COMMERCIAL

Moody's Investors Service, 35 Nassau, New York, N. Y.
 Newman Mfg. Co., Cleneay Ave. & N. & W. R. R., Cincinnati, O.

122 DISPENSERS, CHECK & DEPOSIT SLIP

Bar-Trex Mfg. Co., 1813 Ave. D., Birmingham, Ala.
 Krauth & Benninghofen, Hamilton, O.

123 DOOR OPENERS, ELECTRIC

Corbin, P. & F., Park St., New Britain, Conn.
 Patrick & Wilkins Co., 51 N. 7th, Philadelphia, Pa.

124 DOORS, FIRE

Wilson Corp., J. G., 11 E. 38th, New York, N. Y.

125 DOORS, HOLLOW METAL, BRONZE & STEEL

Atlas Bronze Mfg. Co., 2640-2648 No. Maplewood, Chicago, Ill.
 Dahlstrom Metallic Door Co., Buffalo & E. 2d, Jamestown, N. Y.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Gorham Manufacturing Co., Providence, R. I.
NEWMAN MANUFACTURING CO., Cleneay Ave. & N. & W. R. R., Cincinnati, O.

126 DOORS, METAL (AND TRIM)

Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Dahlstrom Metallic Door Co., Buffalo & E. 2d, Jamestown, N. Y.
 Flour City Ornamental Iron Co., 27th Ave. & 27th St., Minneapolis, Minn.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Gorham Manufacturing Co., Providence, R. I.
 Kawneer Co., Front St., Niles, Mich.
 Luptons Sons Co., David, Allegheny Ave. & Tulip, Philadelphia, Pa.
 Newman Mfg. Co., Cleneay Ave. & N. & W. R. R., Cincinnati, O.
 Tyler Co., W. S., 3615 Superior, Cleveland, O.
 Watson Mfg. Co., Jamestown N. Y.
 Williams, Inc., Jno., 542 W. 27th, New York, N. Y.

127 DOORS, REVOLVING

General Fireproofing Co., Youngstown, O.
 Newman Mfg. Co., Cleneay Ave. & N. & W. R. R., Cincinnati, O.
 Revolving Doors, Inc., 542 W. 27th St., New York, N. Y.
 Van Kannel Revolving Door Co., Bronx, 716 Whitlock Ave., New York, N. Y.

128 DOORS, SOUND-PROOF

Hamlin, Irving, 1502 Lincoln, Evanston, Ill.

129 DOORS, VAULT

(See also Vaults)
 Cary Safe Co., 1200 Niagara, Buffalo, N. Y.
 Diebold Safe & Lock Co., Canton, O.
 Gross-Feibel Co., Hillsboro, O.
 Herring-Hall-Marvin Safe Co., Grand Boulevard, Hamilton, O.
 Mosler Safe Co., Hamilton, O.
 National Safe & Lock Co., 2345 E. 69th, Cleveland, O.
 Norris Safe & Lock Co., 114 Third Ave., Seattle, Wash.
 Remington & Sherman Co., 1545 N. Delaware, Philadelphia, Pa.
 York Safe & Lock Co., York, Pa.

DRAFT AND NOTE RACKS

(See Racks, Draft & Note)

DRAFTS, BANK

(See Forms, Bank and Checks)

130 DRAWERS, MONEY

General Fireproofing Co., Youngstown, O.
 Tucker & Dorsey Mfg. Co., 302 S. State, Indianapolis, Ind.
 Watson Mfg. Co., 1000 Taylor, Jamestown, N. Y.

DRINKING CUP DISPENSERS

(See Equipment, Bank and Office)

131 DUPLICATORS

Addressograph-Multigraph Corp., Euclid, O.
 Beck Duplicator Co., 476 Broadway, New York, N. Y.
 Brueco Sales Co., 141 E. 29th, Brooklyn, N. Y.
 Daus Duplicator Co., Inc., Felix F., 401 Broadway, New York, N. Y.
 Dick Co., A. B., 720 W. Jackson Blvd., Chicago, Ill.
 Ditto, Inc., 2243 W. Harrison, Chicago, Ill.
 Gestetner Duplicator Corp., 125 Bloomfield Ave., Bloomfield, N. J.
 Heyer Duplicator Co., Inc., 901 W. Jackson Blvd., Chicago, Ill.
 Marr Duplicator Co., 253 Park Place, New York, N. Y.
 Multistamp Co., Norfolk, Va.
 Pittsburgh Typewriter & Supply Co., 339 Fifth Ave., Pittsburgh, Pa.
 Post-O-Graf, Inc., Wilkes-Barre, Pa.
 Rotospeed Co., 5th & Wilkinsen, Dayton, O.
 Standard Mailing Machines Co., 1935 Parkway Everett, Mass.

E

132 EMBOSsing

(See also Printing & Engraving)
 American Embossing Co., 196 Seneca, Buffalo, N. Y.
 Beach Printing Co., Will A., 235 N. Phillips Ave., Sioux Falls, S. D.
 Buxton & Skinner Printing & Stationery Co., 306 N. 4th, St. Louis, Mo.
 Courier-Journal Job Printing Co., 316-328 W. Liberty, Louisville, Ky.
 Dameron-Pierce Company, Ltd., 400 Camp, New Orleans, La.
 Dow Co., Louis F., 2242 University Ave., St. Paul, Minn.
 Farnham Printing & Stationery Co., 417 Hennepin Ave., Minneapolis, Minn.
 Foote & Davies Co., Edgewood & Pryor, Atlanta, Ga.
 Fort Wayne Printing Co., 119-130 Holman, Ft. Wayne, Ind.
 Hesse Envelope & Litho. Co., 4175 N. Kingshighway, St. Louis, Mo.
 Irwin Hodson Co., 115 N. 15th, Portland, Ore.
 Le Febure Corporation, Cedar Rapids, Ia.
 Levey Ptg. Co., State House Square, Indianapolis, Ind.
 Miller-Davis Co., 219 S. 4th, Minneapolis, Minn.
 Pettibone & Co., P. F., 27 N. Desplaines, Chicago, Ill.
 Smith Ptg. Co., 225 E. 3d, Williamsport, Pa.
 Smith & Co., The Oscar T., 407-11 E. Saratoga, Baltimore, Md.
 Stafford Lowdon Co., 610 W. Daget, Ft. Worth, Tex.
 Stephens Litho. & Engr. Co., 420 N. 2d, St. Louis, Mo.
 Toof & Co., S. C., 195 Madison, Memphis, Tenn.
 Walker, Evans & Cogswell Co., 3-5 Broad, Charleston, S. C.
 Western Lithograph Co., 600 E. 2d, Los Angeles, Cal.
 Young & Selden Co., 224 N. Calvert, Baltimore, Md.

ENDORsERS, CHECK

(See Check Endorsers)

133 ENGINEERS, EQUIPMENT

(See also Architects and Builders)
 ABELL, E. F., 33 Liberty, New York, N. Y.
 Bond-Hubbard Co., 38 S. Dearborn, Chicago, Ill.
 Bruner & Simmons, Inc., 141 W. Jackson, Chicago, Ill.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Halsey, McCormack & Helmer, 286 Fifth Ave., New York, N. Y.
 James Co., Thomas M., 3 Park, Boston, Mass.
 Metzger & Acock, 101 Park Ave., New York, N. Y.
 National Bank Construction Company, 320 N. 4th, St. Louis, Mo.
 Scheitler & Wenisch, 737 N. Michigan Ave., Chicago, Ill.
 Stiles Co., Geo. W., 664 N. Michigan Ave., Chicago, Ill.
 Tilghman Moyer Co., 141 N. 9th, Allentown, Pa.
 Uffinger Foster & Bookwalter, Inc., 221 W. 57th, New York, N. Y.
 Watson Mfg. Co., 1000 Taylor, Jamestown, N. Y.
 Weary & Alford Co., 1923 Calumet, Chicago, Ill.
 Wise Co., Inc., J. H., 911 Syndicate Tr. Bldg., St. Louis, Mo.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

134 ENGINEERS, INDUSTRIAL

Austin Co., The, 16112 Euclid Ave., Cleveland, O.
 Columbia Engineering & Management Corp., 61 Broadway, New York, N. Y.
 Danne, Harold A., 41 Park Row, New York, N. Y.
 Estes, Inc., L. V., 1737 Howard, Chicago, Ill.
 Ferguson Co., The H. K., Hanna Bldg., Cleveland, O.
 Hunt Co., Robt. W., 175 W. Jackson Blvd., Chicago, Ill.
 Lockwood-Green & Co., 24 Federal, Boston, Mass.
 May, Geo. S., 2620 N. Shore, Chicago, Ill.

135 ENGINEERS, SAFE AND VAULT

ABELL, E. F., 33 Liberty St., New York, N. Y.
 Bank Vault Inspection Co., 5 So. 18th, Philadelphia, Pa.
 The Hollar Co., 111 S. 15th, Philadelphia, Pa.
 Hone, Hugh R., 3858 42d Ave., N. E., Seattle, Wash.
 Scheitler & Wenisch, 737 N. Michigan Ave., Chicago, Ill.
 Strauss & Son, E. A., 80 E. Jackson Blvd., Chicago, Ill.
 Yeo, Samuel P., 5 S. 18th, Philadelphia, Pa.

ENGRAVED LETTERHEADS

(See Letterheads, Engraved; also Engraving)

136 ENGRAVING

American Bank Supply Co., 628 N. Illinois, Indianapolis, Ind.
 American Embossing Co., 196 Seneca, Buffalo, N. Y.
 Benson & Sons, Inc., Benj. D., 11 Cliff, New York, N. Y.
 Brown, Lent & Pett, Inc., 110 William, New York, N. Y.
 Buxton & Skinner Ptg. & Sta. Co., 306 N. 4th, St. Louis, Mo.
 Central Banknote Co., 319 N. Albany, Chicago, Ill.
 Childs & Co., S. D., 136 S. Clark, Chicago, Ill.
 Clarke & Courts, 2402 Mechanic, Galveston, Tex.
 Columbian Bank Note Co., 500 S. Ashland Blvd., Chicago, Ill.
 Courier-Journal Job Printing Co., 316-328 W. Liberty, Louisville, Ky.
 Dameron-Pierson Company, Ltd., 400 Camp, New Orleans, La.
 Drew Co., The H. & W. B., 22-30 W. Bay, Jacksonville, Fla.
 Foote & Davies Co., Edgewood & Pryor, Atlanta, Ga.
 Hutson & Co., C. S., 555-561 San Pedro, Los Angeles, Cal.
 The Joplin Printing Co., Inc., 509 Joplin, Joplin, Mo.
 Long Island Printing & Lithographing Co., Inc., 137 Jackson, Hempstead, N. Y.
 Mann Co., Wm., 529 Market, Philadelphia, Pa.
 Myself-Rollins Bank Note Co., 500 Sansome, San Francisco, Calif.
 Northern Bank Note Co., 2340 N. Racine Ave., Chicago, Ill.
 Pembroke Co., 24 E. Broadway, Salt Lake City, Utah.
 Schwabacher Frey Sta. Co., 735 Market, San Francisco, Cal.
 Smith Co., Oscar T. & Son, 407-11 E. Saratoga, Baltimore, Md.
 Smith Ptg. Co., 225 E. 3d, Williamsport, Pa.
 Southern States Ptg. Co., Inc., 117 So. Hill St., Griffin, Ga.
 Stephens Litho. & Engraving Co., 420 N. 2d St., St. Louis, Mo.
 United States Check Book Co., 1309-1315 Howard, Omaha, Neb.
 Van Chief Lithographing Co., 2708-12 Wabash Ave., Chicago, Ill.
 Western Lithograph Co., 600 E. 2d, Los Angeles, Calif.
 Woodbury & Co., Inc., Chadwick Sq., Worcester, Mass.
 Young & Selden Co., 224 N. Calvert, Baltimore, Md.

137 ENGROSSERS

American Embossing Co., 196 Seneca, Buffalo, N. Y.

ENVELOPE SEALERS
 (See Machines, Sealing, Envelope)

138 ENVELOPES

American Envelope Co., 3100 W. Grand Ave., Chicago, Ill.
 American Fiber-Velpe Mfg. Co., 229 N. 63d, Philadelphia, Pa.
 Ames Safety Envelope Co., 55 Sudbury, Boston, Mass.
 Bankers Envelope Co., Midway Quality Park, St. Paul, Minn.
 Beco Envelope Corp., 382 Fifth St., Oakland, Calif.
 Belnap Envelope Co., 605 Ward Bldg., Battle Creek, Mich.
 Berkowitz Envelope Co., 19th & Campbell, Kansas City, Mo.
 Bourke-Rice Envelope Co., 522 S. Clinton, Chicago, Ill.
 Bushnell Co., Alvah, 13th & Wood, Philadelphia, Pa.
 Capital Envelope Co., 1803 E. 7th, Los Angeles, Calif.
 Capitol Bank Note Co., 429 S. Ashland Ave., Chicago, Ill.
 Chicago Neostyle Envelope Co., 17 E. Austin Ave., Chicago, Ill.
 Commercial Envelope Corporation, 3024 Lemp Ave., St. Louis, Mo.
 Corporation Coupon Envelope Co., 186-190 E. Water, Milwaukee, Wis.
 Courier-Journal Job Printing Co., 316-328 W. Liberty, Louisville, Ky.
 Cupples Envelope Co., Samuel, 628 S. 6th St., St. Louis, Mo.
CURTIS 1000 INC., 1000 University Ave., St. Paul, Minn. (See our adv. on this page.)
 Field-Ernst Envelope Co., 45 Fremont, San Francisco, Cal.
 Gaw-O'Hara Envelope Co., 500 N. Sacramento, Chicago, Ill.
 Gulf Envelope Co., Brooks at Freeman, Houston, Tex.
 Hammermill Paper Co., Erie, Pa.
HECO ENVELOPE CO., 4500 Cortland, Chicago, Ill. (See our adv. on page 29.)
 Hesse Envelope & Litho Co., 4175 N. Kingshighway, St. Louis, Mo.
 Illinois Envelope Co., Kalamazoo, Mich.
 Isler-Tompsett Lithographing Co., 2940 Benton, St. Louis, Mo.
 Kennedy Printing Co., 609-611 Monroe, Fredonia, Kan.
 Keystone Envelope Co., 427 Moyer, Philadelphia, Pa.
 McGill Paper Products, Inc., 501 Seventh Ave., Minneapolis, Minn.
 Outlook Envelope Co., 1001 W. Washington Blvd., Chicago, Ill.
 Pavey Envelope & Tag Co., 36 Green, Newark, N. J.
 Peerless Lithographing Co., 4313 Diversey Ave., Chicago, Ill.
 Pittsburgh Envelope Co., 2701 Koppers Bldg., Pittsburgh, Pa.
 Republic Envelope Co., 3617 S. Ashland, Chicago, Ill.
 Safety Envelope Co., 1542 No. 32d, Milwaukee, Wis.
 Security Envelope Co., 2900 Fifth Ave., Minneapolis, Minn.
 The Todd Company, 1185 University Ave., Rochester, N. Y.
 United States Envelope Co., Springfield, Mass.
 Wessel Co., 458 E. 30th, Chicago, Ill.
 Wolf Envelope Co., 1749 E. 22d, Cleveland, O.
 Woodbury & Co., Inc., Chadwick Sq., Worcester, Mass.
 Young & Selden Co., 224 N. Calvert, Baltimore, Md., Philadelphia and Pittsburgh.

139 ENVELOPES, BANKING BY MAIL

Two-Way Envelope Co., 923 Leamington, Minneapolis, Minn.

140 ENVELOPES, COIN

Abbott Coin Counter Co., 143d & Wales Ave., New York, N. Y.
 Bankers Envelope Co., Midway Quality Park, St. Paul, Minn.
 Belnap Envelope Co., 605 Ward Bldg., Battle Creek, Mich.
 Berkowitz Envelope Co., 19th & Campbell, Kansas City, Mo.
 Commercial Envelope Corporation, 3024 Lemp Ave., St. Louis, Mo.
 Courier Journal Job Printing Co., 316-328 W. Liberty, Louisville, Ky.
 Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.

Gaw-O'Hara Envelope Co., 500 N. Sacramento, Chicago, Ill.
 Heco Envelope Co., 4500 Cortland, Chicago, Ill.
 Hesse Envelope & Litho. Co., 4175 N. Kingshighway, St. Louis, Mo.
 McGill Paper Products, Inc., 501 Seventh Ave., So., Minneapolis, Minn.
 Pittsburgh Envelope Co., 2701 Koppers Bldg., Pittsburgh, Pa.
 Security Envelope Co., 2900 Fifth Ave., Minneapolis, Minn.
 Stuart-Hooper Co., 5431 S. Wabash Ave., Chicago, Ill.
 Union Paper & Twine Co., 116 St. Clair Ave., N. W., Cleveland, Ohio.
 Von Senden Co., Arthur, 316 Fourth Ave., Pittsburgh, Pa.

141 ENVELOPES, COUPON

Beco Envelope Corp., 382 Fifth St., Oakland, Calif.
 Belnap Envelope Co., 605 Ward Bldg., Battle Creek, Mich.
 Berkowitz Envelope Co., 19th & Campbell, Kansas City, Mo.
 Bourke-Rice Envelope Co., 522 S. Clinton, Chicago, Ill.
 Commercial Envelope Corporation, 3024 Lemp Ave., St. Louis, Mo.
 Corporation Coupon Envelope Co., 186-190 E. Water, Milwaukee, Wis.
 Courier Journal Job Printing Co., 316-328 W. Liberty, Louisville, Ky.
 Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 Field-Ernst Envelope Co., 45 Fremont, San Francisco, Cal.
 Gaw-O'Hara Envelope Co., 500 N. Sacramento, Chicago, Ill.
 Heco Envelope Co., 4500 Cortland, Chicago, Ill.
 Hesse Envelope & Litho. Co., 4175 N. Kingshighway, St. Louis, Mo.
 Laurence, C. W., Saratoga, N. Y.
 McGill Paper Products, Inc., 501 Seventh Ave., So., Minneapolis, Minn.
 Pittsburgh Envelope Co., 2701 Koppers Bldg., Pittsburgh, Pa.
 Security Envelope Co., 2900 Fifth Ave., Minneapolis, Minn.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

142 ENVELOPES, COUPON WINDOW

Belnap Envelope Co., 605 Ward Bldg., Battle Creek, Mich.
 Berkowitz Envelope Co., 19th & Campbell, Kansas City, Mo.
 Bourke-Rice Envelope Co., 522 S. Clinton, Chicago, Ill.
 Commercial Envelope Corporation, 3024 Lemp Ave., St. Louis, Mo.
 Corporation Coupon Envelope Co., 186-190 E. Water, Milwaukee, Wis.
 Courier Journal Job Printing Co., 316-328 W. Liberty, Louisville, Ky.
 Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 Heco Envelope Co., 4500 Cortland, Chicago, Ill.
 Hesse Envelope & Litho. Co., 4175 N. Kingshighway, St. Louis, Mo.
 McGill Paper Products, Inc., 501 Seventh Ave., So., Minneapolis, Minn.
 Security Envelope Co., 2900 Fifth Ave., Minneapolis, Minn.
 United States Check Book Co., 1309-1315 Howard, Omaha, Neb.

143 ENVELOPES, CURRENCY

Ames Safety Envelope Co., 55 Sudbury, Boston, Mass.
 Beco Envelope Corp., 382 Fifth St., Oakland, Calif.
 Berkowitz Envelope Co., 19th & Campbell, Kansas City, Mo.
 Bushnell Co., Alvah, 13th & Wood, Philadelphia, Pa.
 Commercial Envelope Corporation, 3024 Lemp Ave., St. Louis, Mo.
 Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 Field-Ernst Envelope Co., 45 Fremont, San Francisco, Cal.
 Gulf Envelope Co., Brooks at Freeman, Houston, Tex.
 Heco Envelope Co., 4500 Cortland, Chicago, Ill.
 Hesse Envelope & Litho. Co., 4175 N. Kingshighway, St. Louis, Mo.
 McGill Paper Products, Inc., 501 Seventh Ave., So., Minneapolis, Minn.
 Pittsburgh Envelope Co., 2701 Koppers Bldg., Pittsburgh, Pa.
 Security Envelope Co., 2900 Fifth Ave., Minneapolis, Minn.
 Smead Mfg. Co., The, 309 2nd St., Hastings, Minn.
 Troy Sunshade Co., 612 Grant, Troy, Ohio.
 Union Paper & Twine Co., 116 St. Clair Ave., N. W., Cleveland, Ohio.

144 ENVELOPES, EXPANDING

American Fiber-Velpe Mfg. Co., 229 N. 63d, Philadelphia, Pa.
 Ames Safety Envelope Co., 55 Sudbury, Boston, Mass.
 Belnap Envelope Co., 605 Ward Bldg., Battle Creek, Mich.
 Berkowitz Envelope Co., 19th & Campbell, Kansas City, Mo.
 Bourke-Rice Envelope Co., 522 S. Clinton, Chicago, Ill.
 Bushnell Co., Alvah, 13th & Wood, Philadelphia, Pa.
 Commercial Envelope Corporation, 3024 Lemp Ave., St. Louis, Mo.
 Courier Journal Job Printing Co., 316-328 W. Liberty, Louisville, Ky.
 Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 Field-Ernst Envelope Co., 45 Fremont, San Francisco, Cal.
 Gaw-O'Hara Envelope Co., 500 N. Sacramento, Chicago, Ill.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Heco Envelope Co., 4500 Cortland, Chicago, Ill.
 Hesse Envelope & Litho. Co., 4175 N. Kingshighway, St. Louis, Mo.
 Keystone Envelope Co., 427 Moyer, Philadelphia, Pa.
 McGill Paper Products, Inc., 501 Seventh Ave., So., Minneapolis, Minn.
 National Fibrestock Envelope Co., 429 Moyer, Philadelphia, Pa.
 Safety Envelope Co., 1542 No. 32nd, Milwaukee, Wis.
 Security Envelope Co., 2900 Fifth Ave., Minneapolis, Minn.
 Smead Mfg. Co., The, 309 2nd St., Hastings, Minn.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

145 ENVELOPES, FILING

American Fiber-Velpe Mfg. Co., 229 N. 63d, Philadelphia, Pa.
 Ames Safety Envelope Co., 55 Sudbury, Boston, Mass.
 Automatic File & Index Co., 427 W. Randolph, Chicago, Ill.
 Belnap Envelope Co., 605 Ward Bldg., Battle Creek, Mich.
 Berkowitz Envelope Co., 19th & Campbell, Kansas City, Mo.
 Bourke-Rice Envelope Co., 522 S. Clinton, Chicago, Ill.
 Bushnell Co., Alvah, 13th & Wood, Philadelphia, Pa.
 Commercial Envelope Corporation, 3024 Lemp Ave., St. Louis, Mo.
 Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 Field-Ernst Envelope Co., 45 Fremont, San Francisco, Cal.
 Gaw-O'Hara Envelope Co., 500 N. Sacramento, Chicago, Ill.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Gulf Envelope Co., Brooks at Freeman, Houston, Tex.
 Heco Envelope Co., 4500 Cortland, Chicago, Ill.
 Hesse Envelope & Litho. Co., 4175 N. Kingshighway, St. Louis, Mo.
 Kay-Dee Co., The, 3644 S. 36th, Lincoln, Neb.
 Keystone Envelope Co., 427 Moyer, Philadelphia, Pa.
 McGill Paper Products, Inc., 501 Seventh Ave., So., Minneapolis, Minn.
 Quality Park Envelope Co., St. Paul, Minn.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Safety Envelope Co., 1542 No. 32nd, Milwaukee, Wis.
 Security Envelope Co., 2900 Fifth Ave., Minneapolis, Minn.
 Self-Clasp (The) Envelope Co., 234 Schofield Bldg., Cleveland, Ohio.
 The Shaw-Walker Co., Muskegon, Mich.
 Smead Mfg. Co., 309 Second, Hastings, Minn.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

146 ENVELOPES, LOCK

Ames Safety Envelope Co., 55 Sudbury, Boston, Mass.
 Keystone Envelope Co., 427 Moyer, Philadelphia, Pa.
 McGill Paper Products, Inc., 501 Seventh Ave., So., Minneapolis, Minn.
 Security Envelope Co., 2900 Fifth Ave., Minneapolis, Minn.
 The Self-Clasp Envelope Co., 234 Schofield Bldg., Cleveland, Ohio.



High Quality Envelopes

**ST. PAUL
 HARTFORD
 CLEVELAND**

147 ENVELOPES, MAILING

American Fiber-Velope Mfg. Co., 229 N. 63d, Philadelphia, Pa.
 Ames Safety Envelope Co., 55 Sudbury, Boston, Mass.
 Bankers Envelope Co., 25 Cliff, New York, N. Y.
 Belnap Envelope Co., 605 Ward Bldg., Battle Creek, Mich.
 Berkowitz Envelope Co., 19th & Campbell, Kansas City, Mo.
 Bourke-Rice Envelope Co., 522 S. Clinton, Chicago.
 Bushnell Co., Alvah, 13th & Wood, Philadelphia, Pa.
 Commercial Envelope Corporation, 3024 Lemp Ave., St. Louis, Mo.
 Courier Journal Job Printing Co., 316-328 Liberty, Louisville, Ky.
 Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 Field-Ernst Envelope Co., 45 Fremont, San Francisco, Cal.
 Gaw-O'Hara Envelope Co. 500 N. Sacramento, Chicago, Ill.
 Gulf Envelope Co., Brooks at Freeman, Houston, Tex.
HECO ENVELOPE CO., 4500 Cortland, Chicago, Ill. (See our adv. on this page)
 Hesse Envelope & Litho. Co., 4175 N. Kingshighway, St. Louis, Mo.
 Keystone Envelope Co., 427 Moyer, Philadelphia, Pa.
 McGill Paper Products, Inc., 501 Seventh Ave., So., Minneapolis, Minn.
 Pittsburgh Envelope Co., 2701 Koppers Bldg., Pittsburgh, Pa.
 Safety Envelope Co., 1542 No. 32nd, Milwaukee, Wis.
 Security Envelope Co., 2900 Fifth Ave., Minneapolis, Minn.
 Smead Mfg. Co., The, Hastings, Minn.
 Union Paper & Twine Co., 116 St. Clair Ave., N. W., Cleveland, Ohio.

148 ENVELOPES, OPEN-END

Ames Safety Envelope Co., 55 Sudbury, Boston, Mass.
 American Paper Goods Co., Kensington, Conn.
 Berkowitz Envelope Co., 19th & Campbell, Kansas City, Mo.
 Bourke-Rice Envelope Co., 522 S. Clinton, Chicago.
 Bushnell Co., Alvah, 13th & Wood, Philadelphia, Pa.
 Commercial Envelope Corporation, 3024 Lemp Ave., St. Louis, Mo.
 Courier Journal Job Printing Co., 316-328 Liberty, Louisville, Ky.
 Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 Gaw-O'Hara Envelope Co., 500 N. Sacramento Chicago, Ill.
 Heco Envelope Co., 4500 Cortland, Chicago, Ill.
 Hesse Envelope & Litho. Co., 4175 N. Kingshighway, St. Louis, Mo.
 McGill Paper Products, Inc., 501 Seventh Ave., So., Minneapolis, Minn.
 Pittsburgh Envelope Co., 2701 Koppers Bldg., Pittsburgh, Pa.
 Safety Envelope Co., 1542 No. 32nd, Milwaukee, Wis.
 Security Envelope Co., 2900 Fifth Ave., Minneapolis, Minn.
 Union Paper & Twine Co., 116 St. Clair Ave., N. W., Cleveland, Ohio.

149 ENVELOPES, PAY ROLL

American Paper Goods Co., Kensington, Conn.
 Belnap Envelope Co., 605 Ward Bldg., Battle Creek, Mich.
 Berkowitz Envelope Co., 19th & Campbell, Kansas City, Mo.
 Commercial Envelope Corporation, 3024 Lemp Ave., St. Louis, Mo.
 Courier-Journal Job Printing Co., 316-328 W. Liberty, Louisville, Ky.
 Curtis 1000 Inc., 1000 University Ave., St. Paul Minn.
 Heco Envelope Co., 4500 Cortland, Chicago, Ill.
 Hesse Envelope & Litho. Co., 4175 N. Kingshighway, St. Louis, Mo.
 McGill Paper Products, Inc., 501 Seventh Ave., So. Minneapolis, Minn.
 Security Envelope Co., 2900 Fifth Ave., Minneapolis, Minn.
 Union Paper & Twine Co., 116 St. Clair Ave., N. W., Cleveland, Ohio.

150 ENVELOPES, REGISTERED MAIL

Ames Safety Envelope Co., 55 Sudbury St., Boston, Mass.
 Bankers Envelope Co., 25 Cliff, New York, N. Y.
 Belnap Envelope Co., 605 Ward Bldg., Battle Creek, Mich.
 Berkowitz Envelope Co., 19th & Campbell, Kansas City, Mo.
 Bourke-Rice Envelope Co., 522 S. Clinton, Chicago.
 Bushnell Co., Alvah, 13th & Wood, Philadelphia, Pa.
 Courier Journal Job Printing Co., 316-328 W. Liberty, Louisville, Ky.
 Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 Field-Ernst Envelope Co., 45 Fremont, San Francisco, Cal.
 Gaw-O'Hara Envelope Co., 500 N. Sacramento, Chicago, Ill.
 Heco Envelope Co., 4500 Cortland, Chicago, Ill.
 Hesse Envelope & Litho. Co., 4175 N. Kings Highway, St. Louis, Mo.
 Keystone Envelope Co., 427 Moyer, Philadelphia, Pa.
 McGill Paper Products, Inc., 501 Seventh Ave., So. Minneapolis, Minn.
 Pittsburgh Envelope Co., 2701 Koppers Bldg., Pittsburgh, Pa.
 Safety Envelope Co., 1542 No. 32nd., Milwaukee, Wis.
 Security Envelope Co., 2900 Fifth Ave., Minneapolis, Minn.
 Twentieth Century Co., 542 S. Dearborn, Chicago.

151 ENVELOPES, TWO-WAY

Two-Way Envelope Co., 923 Leamington, Minneapolis, Minn.

152 ENVELOPES, WINDOW

Berkowitz Envelope Co., 19th & Campbell, Kansas City, Mo.
 Outlook Envelope Co., 1001 W. Washington Blvd., Chicago, Ill.
 Transo Envelope Co., 3512 N. Kimball, Chicago, Ill.

153 EQUIPMENT, BANK & OFFICE
 (See also specific headings)

Aetna Cabinet Co., 321 W. Maryland, Indianapolis, Ind.
 American Bankbuilding Construction Co., 1201 East Georgia St., Indianapolis, Ind.
 American Fixture Co., 16th & Bellefontaine, Kansas City, Mo.
 Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Berger Mfg. Co., 1038 Belden Ave., Canton, O.
 Canton Art Metal Co., 2820 Winfield Way, N. E., Canton, O.
 Chicago Architectural Bronze Co., 1948 W. Ohio, Chicago, Ill.
 Chryst, Wm. G., 2401 Chestnut, Philadelphia, Pa.
 The A. Claus Mfg. Co., 5250 Brookpark Rd., Cleveland, O.
 Collins Safe & Fixture Co., W. D., 513 W. Main, Denison, Tex.
 Columbia Steel Equipment Co., 1735 Chestnut, Philadelphia, Pa.
 Dameron-Pierson Co., Ltd., 400 Camp, New Orleans, La.
 Davidson Co., J. L., 632-648 Mateo, Los Angeles, Calif.
 Dotten Dunton Desk Co., 210 Broadway, Cambridge, Mass.
 Edwards Co., Inc., O. M., Solar & Plum, Syracuse, N. Y.
 Farber, Inc., S. W., 141-151 S. 5th, Brooklyn, N. Y.
 Faries Mfg. Co., 1036 E. Grand Ave., Decatur, Ill.
 Fisher Co., Charles City, Iowa.
 Foote & Davies Co., Edgewood & Pryor, Atlanta, Ga.
 General Fireproofing Co., Youngstown, O.
 Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Houston Show Case & Mfg. Co., Center & Harvard, Houston, Tex.
 Interior Metal Equipment Co., 520 N. Michigan Ave., Chicago, Ill.
 Invincible Metal Furniture Co., Manitowoc, Wis.
 Jamestown Metal Equipment Co., Inc., 1088 Allen, Jamestown, N. Y.
 Le Febure Corporation, Cedar Rapids, Ia.
 Macey Co., The, 1520 Division Ave., S., Grand Rapids, Mich.
 Mailander & Co., 601 Jackson, Waco, Tex.
 Metal Office Furniture Co., Grand Rapids, Mich.
 Mount & Robertson, Inc., 62 Broad, New York, N. Y.
 Multiplex Display Fixture Co., 918 No. 10th, St. Louis, Mo.
 Nachtgall Mfg. Co., 237-45 S. Front, Grand Rapids, Mich.
 National Bank Construction Company, 320 N. 4th, St. Louis, Mo.
NEWMAN MFG. CO., Cleneay Ave. & N. & W. R. R., Cincinnati, O.
 Ohmer, Inc., A. A. & R. F., 113 N. Jefferson St., Dayton, O.
 Orthwine, R., 344 W. 34th, New York, N. Y.
REMINGTON RAND BUSINESS SERVICE, Buffalo, N. Y.
 The Shaw-Walker Co., Muskegon, Mich.
 St. Louis Bank Bldg. & Eqt. Co., 906 Sidney, St. Louis, Mo.
 Steel Fixture Mfg. Co., E. 7th & Adams, Topeka, Kan.
 Uffinger, Foster & Bookwalter, Inc., 221 W. 57th, New York, N. Y.
 Watson Mfg. Co., Jamestown, N. Y.
 Williams, Inc., Jno., 542 W. 27th, New York, N. Y.
 Wise Co., Inc., The J. H., 911 Syndicate Trust Bldg., St. Louis, Mo.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

NEED ENVELOPES?



Write

HECO

HECO ENVELOPE COMPANY-4500 CORTLAND ST., CHICAGO

EQUIPMENT ENGINEERS

(See Engineers, Equipment)

154 EQUIPMENT, FILING

(See also specific headings)

Acme Card System Co., 8 S. Michigan, Chicago, Ill.
 All-Steel-Equip. Company, Aurora, Ill.
 Art Metal Construction Co., Jones & Gifford Ave.,
 Jamestown, N. Y.
 Art Steel Co., Inc., 300 E. 145th, New York, N. Y.
 Automatic File & Index Co., 427 W. Randolph,
 Chicago, Ill.
 Berger Mfg. Co., 1038 Belden Ave., Canton, O.
 Browne-Morse Co., Muskegon, Mich.
 Canton Art Metal Co., 2820 Winfield Way, N. E.,
 Canton, Ohio.
 Columbia Steel Equipment Co., 1735 Chestnut,
 Philadelphia, Pa.
 Conway Co., H. H., 725 S. Wells, Chicago, Ill.
 Dameron-Pierson Company, Ltd., 400 Camp,
 New Orleans, La.
 Edwards Co., Inc., O. M., Solar & Plum, Syracuse,
 N. Y.
 Filing Equipment Bureau, 27 Melcher, Boston,
 Mass.
 Findex Co., 1560 W. Pierce, Milwaukee, Wis.
 General Fireproofing Co., Youngstown, Ohio.
 Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Invincible Metal Furniture Co., Manitowoc, Wis.
 Jamestown Metal Desk Co., Inc., Jamestown,
 N. Y.
 Jones & Co., Inc., Paul, 4012 S. Beiger, Mishawaka,
 Ind.
 Le Febure Corp., Cedar Rapids, Iowa.
 Lexington Desk Co., Inc., 157 E. 44th, New York,
 N. Y.
 Macey Co., The, 1520 Division Ave., S., Grand
 Rapids, Mich.
 Meilink Steel Safe Co., Toledo, Ohio.
 Metal Office Furniture Co., Grand Rapids, Mich.
 The Mosler Safe Co., Hamilton, Ohio.
 National Safe & Lock Co., 2345 E. 69th, Cleveland,
 Ohio.
 Orthwine, R., 344 W. 34th, New York, N. Y.
 Pressteel Engineering Corp., 52 Vanderbilt Ave.,
 New York, N. Y.
 Remington Rand Business Service, 465 Wash-
 ington, Buffalo, N. Y.
 Shaw-Walker Co., Muskegon, Mich.
 Steel Fixture Mfg. Co., E. 7th & Adams, Topeka,
 Kan.
 Swaystop Co., 1123 Mulford, Evanston, Ill.
 Terrells Equipment Co., Grand Rapids, Mich.
 Wagemaker Co., Grand Rapids, Mich.
 Watson Mfg. Co., Jamestown, N. Y.
 Weis Mfg. Co., Union, Monroe, Mich.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester,
 N. Y.

155 EQUIPMENT, MACHINE BOOKKEEPING

General Fireproofing Co., Youngstown, O.
 Lloyd Co., W. G., 626 S. Clark, Chicago, Ill.
 Mitchell Co., Middlesboro, Ky.
 Remington Rand Business Service, 465 Wash-
 ington, Buffalo, N. Y.
 Richmond & Backus Co., Woodward and Congress,
 Detroit, Mich.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Roches-
 ter, N. Y.

EQUIPMENT, METAL, FILING

(See Equipment, Filing)

156 EQUIPMENT, STORAGE

All-Steel-Equip. Company, Aurora, Ill.
 Art Steel Co., Inc., 401 E. 23d, New York, N. Y.
 Automatic File & Index Co., 427 W. Randolph,
 Chicago, Ill.
 Bankers Box Co., 536 S. Clark, Chicago, Ill.
 Berger Mfg. Co., 1038 Belden Ave., Canton, O.
 Durabilt Steel Locker Co., Aurora, Ill.
 General Fireproofing Co., Youngstown, O.
 The Globe-Wernicke Co., Carthage Ave., Cincin-
 nati, O.
 Hart & Hutchinson Co., New Britain, Conn.
 Kay-Dee Co., 3644 S. 36th, Lincoln, Neb.
 Remington Rand Business Service, 465 Wash-
 ington, Buffalo, N. Y.
 Terrells Equipment Co., Grand Rapids, Mich.
 Weis Mfg. Co., Union, Monroe, Mich.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester,
 N. Y.

157 EQUIPMENT, VAULT

(See also specific headings)

American Bankbuilding Construction Co., 1201 E.
 Georgia, Indianapolis, Ind.
 American Fixture Co., 6th & Bellefontaine, Kansas
 City, Mo.
 Angle Steel Stool Co., Inc., Plainwell, Mich.
 Art Metal Construction Co., Jones & Gifford Ave.,
 Jamestown, N. Y.
 Berger Mfg. Co., 1038 Belden Ave., Canton, O.
 Collins Safe & Fixture Co., W. D., 513 W. Main,
 Denison, Tex.
 Davidson Co., J. L., 632-648 Mateo, Los Angeles,
 Cal.

Diebold Safe & Lock Co., Canton, Ohio.
 Edwards Co., Inc., O. M., Solar & Plum, Syracuse,
 N. Y.
 General Fireproofing Co., Youngstown, Ohio.
 The Globe-Wernicke Co., Carthage Ave., Cin-
 cinnati, O.
 Herring-Hall-Marvin Safe Co., Grand Blvd.,
 Hamilton, Ohio.
 Interior Metal Equipment Co., 520 N. Michigan,
 Chicago, Ill.
 Invincible Metal Furniture Co., Manitowoc, Wis.
 Jamestown Metal Equipment Co., Inc., 1088 Allen,
 Jamestown, N. Y.
 Le Febure Corporation, Cedar Rapids, Ia.
 The Mosler Safe Company, Hamilton, Ohio.
 Mount & Robertson, Inc., 62 Broad, New York,
 N. Y.
 Mullen Mfg. Co., 60 Rausch, San Francisco, Cal.
 Nachtegaal Mfg. Co., 237-245 S. Front, Grand
 Rapids, Mich.
 National Bank Construction Company, 320 N. 4th,
 St. Louis, Mo.
 National Safe & Lock Co., 2345 E. 69th, Cleveland,
 Ohio.
 Newman Mfg. Co., Cleneay Ave. & N. & W. R. R.,
 Cincinnati, O.
 Norris Safe & Lock Co., 114 Third Ave. So.,
 Seattle, Wash.
 Remington Rand Business Service, 465 Wash-
 ington, Buffalo, N. Y.
 Watson Mfg. Co., Jamestown, N. Y.
 Wise Co., Inc., The J. H., 911 Syndicate Trust
 Bldg., St. Louis, Mo.
 Womack & Sons, J. P., Inc., Lakewood Ave.,
 Atlanta, Ga.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester,
 N. Y.

ERADICATORS, INK

(See Ink Eradicators)

158 EYELET MACHINES AND EYELETS

Bates Mfg. Co., Orange, N. J.
 Sibley Mfg. Co., Inc., Edw. L., Bennington, Vt.

F**159 FASTENERS, PAPER**

Acce Products, Inc., 39th Ave. & 24th St., Long
 Island City, N. Y.
 Ace Fastener Corp., 3415 N. Ashland Ave., Chicago,
 Ill.
 American Clip Co., Beebe Ave. & William, Long
 Island City, N. Y.
 Bates Mfg. Co., Orange, N. J.
 Bindah Products, Inc., 3645 Montrose, Chicago,
 Ill.
 Bump Paper Fastener Co., La Crosse, Wis.
 Clark, Jr., Horace F., Investment Bldg., Washing-
 ton, D. C.
 Eveready Mfg. Co. of Boston, 50 Church, New
 York, N. Y.
 Hotchkiss Sales Co., 10 Hoyt, Norwalk, Conn.
 Kling Tite Fastener Co., 35 E. Wacker Drive,
 Chicago, Ill.
 O. K. Mfg. Co., 472 W. 1st, Oswego, N. Y.
 Parrot Speed Fastener Corp., 388 Broadway, New
 York, N. Y.
 Remington Rand Business Service, 465 Wash-
 ington, Buffalo, N. Y.
 Sibley Mfg. Co., Edw. L., Bennington, Vt.

FILES

(See Specific Headings)

160 FILES, CARD INDEX

Acme Card System Co., 8 S. Michigan, Chicago,
 Ill.
 Amberg File & Index Co., 1400 Fulton, Chicago, Ill.
 Automatic File & Index Co., 427 W. Randolph,
 Chicago, Ill.
 Berger Mfg. Co., 1038 Belden Ave., Canton, O.
 Buchanan-White Leaf Co., 1906 Pine, St.
 Louis, Mo.
 Dameron-Pierson Company Ltd., 400 Camp,
 New Orleans, La.
 Edwards Co., Inc., O. M., Solar & Plum, Syracuse,
 N. Y.
 Findex Company, 1560 W. Pierce, Milwaukee, Wis.
 General Fireproofing Co., Youngstown, Ohio.
 Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Le Febure Corporation, Cedar Rapids, Ia.
 Lloyd & Co., W. C., 626 S. Clark, Chicago, Ill.
 Macey Company, The, 1520 Division Ave., S.,
 Grand Rapids, Mich.
 Metal Office Furniture Co., Grand Rapids, Mich.
 Postindex Co., Inc., Jamestown, N. Y.
 Pressteel Engineering Co., 52 Vanderbilt Ave.,
 New York, N. Y.
 Remington Rand Business Service, 465 Wash-
 ington, Buffalo, N. Y.
 Shaw-Walker Co., Muskegon, Mich.
 Terrells Equipment Co., Grand Rapids, Mich.
 Wagemaker Co., Grand Rapids, Mich.
 Warshaw Mfg. Co., Inc., 35 York, Brooklyn, N. Y.
 Watson Mfg. Co., Jamestown, N. Y.
 Weis Mfg. Co., Union, Monroe, Mich.
 Wilson Memindex Co., 163 St. Paul, Rochester,
 N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester,
 N. Y.

161 FILES, CENTRAL

Acme Card System Co., 8 S. Michigan, Chicago,
 Ill.
 Automatic File & Index Co., 427 W. Randolph,
 Chicago, Ill.
 Berger Mfg. Co., 1038 Belden Ave., Canton, O.
 Edwards Co., Inc., O. M., Solar & Plum, Syracuse,
 N. Y.
 Findex Co., 1560 W. Pierce, Milwaukee, Wis.
 General Fireproofing Co., Youngstown, O.
 The Globe-Wernicke Co., Carthage Ave., Cincin-
 nati, O.
 Le Febure Corporation, Cedar Rapids, Ia.
 Metal Office Furniture Co., Grand Rapids, Mich.
 MORAN, B. T., INC., 400 N. Michigan Ave.,
 Chicago, Ill.
 Postindex Co., Inc., Jones & Gifford Ave., James-
 town, N. Y.
 Pressteel Engineering Corporation, 52 Vanderbilt
 Ave., New York, N. Y.
 Remington Rand Business Service, 465 Wash-
 ington, Buffalo, N. Y.
 Shaw-Walker Co., Muskegon, Mich.
 Watson Mfg. Co., Jamestown, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester,
 N. Y.

162 FILES, CHECK

Amberg File & Index Co., 1400 Fulton, Chicago, Ill.
 Automatic File & Index Co., 427 W. Randolph,
 Chicago, Ill.
 Berger Mfg. Co., 1038 Belden Ave., Canton, O.
 Browne-Morse Co., Muskegon, Mich.
 Curtis 1000 Inc., 1000 University Ave., St. Paul,
 Minn.
 Edwards Co., Inc., O. M., Solar & Plum, Syracuse,
 N. Y.
 General Fireproofing Co., Youngstown, Ohio.
 Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Horder's, Inc., 231 S. Jefferson, Chicago, Ill.
 Invincible Metal Furniture Co., Manitowoc, Wis.
 Kay-Dee Co., 3644 S. 36th, Lincoln, Neb.
 Le Febure Corporation, Cedar Rapids, Ia.
 Macey Company, The, 1520 Division Ave., S.,
 Grand Rapids, Mich.
 Pressteel Engineering Corporation, 52 Vanderbilt
 Ave., New York, N. Y.
 Remington Rand Business Service, 465 Wash-
 ington, Buffalo, N. Y.
 Shaw-Walker Co., Muskegon, Mich.
 Wagemaker Co., Grand Rapids, Mich.
 Watson Mfg. Co., Jamestown, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Roch-
 ester, N. Y.

163 FILES, CORRESPONDENCE

Allen-Marshall Co., Ivan, 40 Marietta, Atlanta, Ga.
 Automatic File & Index Co., 427 W. Randolph,
 Chicago, Ill.
 Berger Mfg. Co., 1038 Belden Ave., Canton, O.
 Bushong & Co., Inc., Park & Stark, Portland, Ore.
 Buxton & Skinner Printing & Stationery Co.,
 306 N. 4th, St. Louis, Mo.
 Currier Manufacturing Co., Inc., North Western
 Terminal, Minneapolis, Minn.
 Dameron-Pierson Company Ltd., 400 Camp, New
 Orleans, La.
 Dibb Mfg. Co., Inc., 4054 N. Broadway, Robbins-
 dale, Minn.
 Dow Co., Louis F., 2242 University Ave., St. Paul,
 Minn.
 Edwards Co., Inc., O. M., Solar & Plum, Syracuse,
 N. Y.
 General Fireproofing Co., Youngstown, Ohio.
 Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Invincible Metal Furniture Co., Manitowoc, Wis.
 The Joplin Printing Co., Inc., 509 Joplin, Joplin,
 Mo.
 The Kay-Dee Co., 3644 S. 36th, Lincoln, Neb.
 Koch Bros., 4th & Grand, Des Moines, Ia.
 Le Febure Corporation, Cedar Rapids, Ia.
 Lexington Desk Co., Inc., 157 E. 44th, New York,
 N. Y.
 Macey Co., The, 1520 Division Ave., S., Grand
 Rapids, Mich.
 Northwestern Furniture Co., 271 W. Water,
 Milwaukee, Wis.
 Paulson & Co., Inc., Arthur, 200 Broadway, New
 York, N. Y.
 Remington Rand Business Service, 465 Wash-
 ington, Buffalo, N. Y.
 Shaw-Walker Co., Muskegon, Mich.
 Terrells Equipment Co., Grand Rapids, Mich.
 Wagemaker Co., Grand Rapids, Mich.
 Watson Mfg. Co., Jamestown, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Roch-
 ester, N. Y.

164 FILES, CREDIT

Acme Card System Co., 8 S. Michigan, Chicago,
 Ill.
 Automatic File & Index Co., 427 W. Randolph,
 Chicago, Ill.
 Edwards Co., Inc., O. M., Solar & Plum, Syracuse,
 N. Y.
 General Fireproofing Co., Youngstown, Ohio.
 Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Le Febure Corporation, Cedar Rapids, Ia.
 Macey Company, The, 1520 Division Ave., S.,
 Grand Rapids, Mich.
 Pressteel Engineering Corporation, 52 Vanderbilt
 Ave., New York, N. Y.
 Remington Rand Business Service, 465 Wash-
 ington, Buffalo, N. Y.
 The Shaw-Walker Co., Muskegon, Mich.
 Watson Mfg. Co., Jamestown, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester,
 N. Y.

165 FILES, CUT

General Fireproofing Co., Youngstown, O.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Grant & Co., Harlo R., 2322 W. Madison, Chicago, Ill.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 The Shaw-Walker Co., Muskegon, Mich.
 Watson Mfg. Co., Jamestown, N. Y.

166 FILES, DEPOSIT TICKET

Beck Specialty Co., 621 Jefferson, Waterloo, Ia.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Kay-Dee Co., 3644 S. 36th, Lincoln, Neb.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 The Shaw-Walker Co., Muskegon, Mich.
 Watson Mfg. Co., Jamestown, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

167 FILES, DESK DRAWER

American Clip Co., Beebe Ave. & William, Long Island City, N. Y.
 Automatic File & Index Co., 427 W. Randolph, Chicago, Ill.
 General Fireproofing Co., Youngstown, O.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Le Febure Corporation, Cedar Rapids, Ia.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 The Shaw-Walker Co., Muskegon, Mich.
 Wagemaker Co., Grand Rapids, Mich.
 Watson Mfg. Co., Jamestown, N. Y.
 Wilson Memindex Co., 163 St. Paul, Rochester, N. Y.

168 FILES, DOCUMENT

(See also Files, Steel)

Art Steel Co., Inc., 401 E. 23d, New York, N. Y.
 Automatic File & Index Co., 427 W. Randolph, Chicago, Ill.
 Dibb Mfg. Co., 4054 N. Broadway, Robbinsdale, Minn.
 Edwards Co., Inc., Solar & Plum, Syracuse, N. Y.
 General Fireproofing Co., Youngstown, Ohio.
 Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Invincible Metal Furniture Co., Manitowoc, Wis.
 Le Febure Corporation, Cedar Rapids, Ia.
 Macey Co., The, 1520 Division Ave., S., Grand Rapids, Mich.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 The Shaw-Walker Co., Muskegon, Mich.
 Watson Mfg. Co., Jamestown, N. Y.
 Weis Mfg. Co., Union, Monroe, Mich.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

169 FILES, SIGNATURE

Aeme Card System Co., 8 S. Michigan, Chicago, Ill.
 Automatic File & Index Co., 427 W. Randolph, Chicago, Ill.
 Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 Edwards Co., Inc., Solar & Plum, Syracuse, N. Y.
 General Fireproofing Co., Youngstown, O.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Le Febure Corporation, Cedar Rapids, Ia.
 Postindex Co., Inc., Jones & Gifford Ave., Jamestown, N. Y.
 Pressteel Engineering Corporation, 52 Vanderbilt Ave., New York, N. Y.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Richmond & Backus Co., Woodward at Congress, Detroit, Mich.
 Schwabacher-Frey Sta. Co., 735 Market, San Francisco, Cal.
 Shaw-Walker Co., Muskegon, Mich.
 Stuart-Hooper Co., 5431 S. Wabash Ave., Chicago, Ill.
 Watson Mfg. Co., Jamestown, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.
 Young & Selden Co., 224 N. Calvert, Baltimore, Md., Philadelphia, and Pittsburgh.

170 FILES, STEEL

Berger Mfg. Co., 1038 Belden Ave., Canton, Ohio.
 General Fireproofing Co., Youngstown, Ohio.
 Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Invincible Metal Furniture Co., Manitowoc, Wis.
 The Kay-Dee Co., 3644 S. 36th, Lincoln, Neb.
 Le Febure Corp., Cedar Rapids, Iowa.
 Macey Co., The, 1520 Division Ave., S., Grand Rapids, Mich.
 Meilink Steel Safe Co., Toledo, Ohio.
 Metal Office Furniture Co., Grand Rapids, Mich.
 Metal Products Co., Red Wing, Minn.
 Pressteel Engineering Corporation, 52 Vanderbilt Ave., New York, N. Y.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Shaw-Walker Co., Muskegon, Mich.
 Terrells Equipment Co., Grand Rapids, Mich.
 Watson Mfg. Co., Jamestown, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

171 FILES, STORAGE, COLLAPSIBLE

Bankers Box Co., 536 S. Clark, Chicago, Ill.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Jones & Son, Fred H., 2340 N. Racine Ave., Chicago, Ill.
 The Kay-Dee Co., 3644 S. 36th, Lincoln, Neb.
 The Shaw-Walker Co., Muskegon, Mich.
 Strayer Coin Bag Co., 1028-4th Ave., New Brighton, Pa.

172 FILES, WOOD

Automatic File & Index Co., 427 W. Randolph, Chicago, Ill.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Republic Box Co., The, 1693 Merwin, Cleveland, O.
 The Shaw-Walker Co., Muskegon, Mich.
 Standard Filing Box Co., 1115-19 N. Franklin, Chicago, Ill.
 Weis Mfg. Co., Union, Monroe, Mich.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

FILMS, MOTION PICTURE

(See Advertising, Motion Picture)

173 FINGER PRINT OUTFITS

Flak Finger Print System Co., 1 Liberty, New York, N. Y.
 Identiscope Co., Inc., 2183 E. 18th, Cleveland, Ohio.
 Yawman & Erbe Mfg. Co., 1099 Joy St., Rochester, N. Y.

174 FIRE ALARMS

American District Telephone & Telegraph Co., 183 Varick St., New York, N. Y.
 Auto-Call Co., Shelby, Ohio.
 Patrick & Wilkins Co., 51 N. 7th, Philadelphia, Pa.

175 FIREARMS

Bannerman Sons, Francis, 501 Broadway, New York, N. Y.
 Colt's Patent Fire Arms Mfg. Co., 17 Van Dyke Ave., Hartford, Conn.
 Folsom Arms Co., H. & D., 314 Broadway, New York, N. Y.
 Johnson's Arms & Cycle Works, Iver, 109 River, Fitchburg, Mass.
 Remington Arms Co., 25 Broadway, New York, N. Y.
 Smith & Wesson, Inc., Stockbridge, Springfield, Mass.
 Winchester Repeating Arms Co., 275 Winchester Ave., New Haven, Conn.

176 FIRE EXTINGUISHERS

Buffalo Fire Appliance Corp., 44 Central, Buffalo, N. Y.
 Pyrene Mfg. Co., 560 Belmont Ave., Newark, N. J.

FIREPROOF SAFES

(See Safes, Fire & Burglar Proof)

177 FIXTURES, BANDIT RESISTANT

Buffalo Wire Works Co., Inc., 560 Terrace, Buffalo, N. Y.
 National Bank Construction Co., 320 N. 4th, St. Louis, Mo.
ST. LOUIS BANK BUILDING & EQUIPMENT CO., 906 Sidney St., St. Louis, Mo.
 Wise Co., Inc., The J. H., 911 Syndicate Trust Bldg., St. Louis, Mo.

178 FIXTURES, BANK & OFFICE

Aetna Cabinet Co., 321 W. Maryland, Indianapolis, Ind.
 Allen-Marshall Co., Ivan, 40 Marietta, Atlanta, Ga.
 American Bankbuilding Construction Co., 1201 E. Georgia, Indianapolis, Ind.
 American Fixture Co., 16th & Bellefontaine, Kansas City, Mo.
 American Iron & Wire Works, 1621 Carroll, Chicago, Ill.
 Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Baldwin Brass Works, 321 S. California Ave., Chicago, Ill.
 Buffalo Wire Works Co., Inc., 577 Terrace, Buffalo, N. Y.
 Bush Co., Inc., James S., 11 Park Place, New York, N. Y.
 California Art Metal & Wire Co., 349 7th, San Francisco, Calif.
 Canton Art Metal Co., 2820 Winfield Way, N. E., Canton, O.
 Chicago Architectural Bronze Co., 1948 W. Ohio, Chicago, Ill.
 Claus Mfg. Co., A., 5250 Brookpark Rd., Cleveland, Ohio.
 Clear Vision Counters, Inc., 619 14th St., Washington, D. C.
 Collins Safe & Fixture Co., 513 W. Main, W. D., Denison, Tex.
 Davidson & Co., J. L., 632-48 Mateo, Los Angeles, Calif.
 Edwards Co., Inc., O. M., Solar & Plum, Syracuse, N. Y.
 Ehrlich & Sons Mfg. Co., H., Colo. & Lake, St. Joseph, Mo.
 Fisher Co., Charles City, Iowa.
 Flour City Ornamental Iron Co., 27th Ave. & 27th St., Minneapolis, Minn.

General Fireproofing Co., Youngstown, O.
 Georgia Show Case Co., Montgomery, Ala.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Grammes & Sons, L. F., Allentown, Pa.
 Houston Show Case & Mfg. Co., Center & Harvard, Houston, Tex.
 Interior Metal Equipment Co., 520 N. Michigan, Chicago, Ill.
 Jamestown Metal Equipment Co., Inc., 1088 Allen, Jamestown, N. Y.
 Krueger Mfg. Co., 1316 Lakewood Ave., Atlanta, Ga.
 Llewellyn Iron Works Co., Los Angeles, Calif.
 Mailander & Co., 601 Jackson, Waco, Tex.
 Michaels Art Bronze Co., Inc., 230-240 Scott, Covington, Ky.
 Miller Bank Fixture Co., Geo. W., Washington, D. C.
 Mitchell Mfg. Co., Robt., 2d & John, Cincinnati, O.
 Mount & Robertson, Inc., 62 Broad, New York, N. Y.
 Mullen Mfg. Co., 60 Rausch, San Francisco, Cal.
 Muller Bk. Fixture Co., Geo. W., Metropolitan Bank Bldg., Washington, D. C.
 Nachtgall Mfg. Co., 237-45 S. Front, Grand Rapids, Mich.
 National Bank Construction Co., 320 N. 4th, St. Louis, Mo.
NEWMAN MFG. CO., Cleneay Ave. & N. & W. R. R., Cincinnati, O.
 Ohmer, Inc., Alfred A. & Robert F., 113 N. Jefferson St., Dayton, O.
 Oregon Brass Works, 2d & Everett, Portland, Ore.
 Poole, John, Care Clear Vision Counters, Inc., 619 14th St., Washington, D. C.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 St. Louis Bank Bldg. & Equipment Co., 906 Sidney, St. Louis, Mo.
 The Shaw-Walker Co., Muskegon, Mich.
 Schick-Johnson Co., 1737 N. Paulina, Chicago, Ill.
 Southern Brass Mfg. & Plating Co., 6614 Harrisburg Blvd., Houston, Tex.
 Standard Iron & Wire Works, 510-12 E. 10th, Chattanooga, Tenn.
 Steel Fixture Mfg. Co., E. 7th & Adams, Topeka, Kan.
 Tyler Co., W. S., 3615 Superior Ave., Cleveland, Ohio.
 Usona Mfg. Co., 3512 Chouteau, St. Louis, Mo.
 Watson Mfg. Co., Jamestown, N. Y.
 Williams, Inc., Jno., 542 W. 27th, New York, N. Y.
 Wisconsin Iron & Wire Works, 1660 Booth, Milwaukee, Wis.
 Wise Co., Inc., The J. H., 911 Syndicate Trust Bldg., St. Louis, Mo.
 Womack & Sons, J. P., Inc., Lakewood Ave., Atlanta, Ga.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

179 FIXTURES, LIGHTING

Biddle-Gaumer Company, 3846 Lancaster Ave., Philadelphia, Pa.
 Cassidy Co., Inc., 101 Park Ave., New York, N. Y.
 Curtis Lighting, Inc., 1123 W. Jackson, Chicago, Ill.
 Danne, Harold A., 41 Park Row, New York, N. Y.
 Faries Mfg. Co., 1036 E. Grand Ave., Decatur, Ill.
 Frink Corp., 23-10 Bridge Plaza So., Long Island City, N. Y.
 General Electric Co., Bridgeport, Conn.
 Graybar Electric Co., Graybar Bldg., New York, N. Y.
 Guth Co., Edwin F., 2615 Washington Ave., St. Louis, Mo.
 Handy Lite Co., Peoria, Ill.
 Holophane Co., 342 Madison Ave., New York, N. Y.
 Horn & Brannen Mfg. Co., 327 Broad, Philadelphia, Pa.
 Jefferson Glass Co., State, Follansbee, W. Va.
 McCann, H. F., 542 5th Ave., New York, N. Y.
 McFaddin & Co., H. G., 38-40 Warren, New York, N. Y.
 Mitchell Co., The, Middlesboro, Ky.
 Newman Mfg. Co., Cleneay Ave. & N. & W. R. R., Cincinnati, O.
 Pearlman & Co., S. Victor, 535 S. Wabash, Chicago, Ill.
 Plaut & Co., L. 432 E. 23d, New York, N. Y.
 Shapiro & Aronson, Inc., 20 Warren, New York, N. Y.
 Viking Products Corp., 422 W. 42d, New York, N. Y.
 Western Electric Co., 195 Broadway, New York, N. Y.
 Westinghouse Electric & Mfg. Co., East Pittsburgh, Pa.
 Westinghouse Lamp Co., 150 Broadway, New York, N. Y.

180 FIXTURES, MARBLE

(See also Fixtures, Bank & Office)

Appalachian Marble Co., Knoxville, Tenn.
 Bradbury Marble Co., 3401 Morganford Rd., St. Louis, Mo.
 Carthage Marble Corporation, P. O. Drawer 612, Carthage, Mo.
 Georgia Marble Co., Tate, Ga.
 National Assn. of Marble Dealers, Rockefeller Bldg., Cleveland, O.
THE NEWMAN MFG. CO., Cleneay Ave. & N. & W. R. R., Cincinnati, O.

FIXTURES, WOOD

(See Woodwork; also Fixtures, Bank & Office)

181 FLOODLIGHTING

General Electric Co., Nela Park, Cleveland, Ohio.
Pittsburgh Reflector Co., 304 Ross, Pittsburgh, Pa.
Reflector & Illuminating Co., 1431 W. Austin Ave., Chicago, Ill.

182 FLOORING**FOLDERS, COIN**

Armstrong Cork Co., Lancaster, Pa.
Stedman Rubber Flooring Co., South Braintree, Mass.

(See Coin Folders)

183 FOLDERS, FILING

(See also Envelopes and Supplies, Filing)

Ames Safety Envelope Co., 55 Sudbury, Boston, Mass.
Bushnell Co., Alvah, 13th & Wood, Philadelphia, Pa.
The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
Gulf Envelope Co., Brooks at Freeman, Houston, Tex.
Invincible Metal Furniture Co., Manitowoc, Wis.
Le Febure Corporation, Cedar Rapids, Ia.
Macey Co., The, 1520 Division Ave., S., Grand Rapids, Mich.
Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
Security Envelope Co., 2900 Fifth Ave., Minneapolis, Minn.
Shaw-Walker Co., Muskegon, Mich.
Smead Mfg. Co., 309 Second, Hastings, Minn.
Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

FOLDING MACHINES

(See Machines, Folding)

184 FORMS, ACCOUNTING

(See also Forms, Machine Bookkeeping)

Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
Ft. Wayne Ptg. Co., 119-130 Holman, Ft. Wayne, Ind.
Horder's, Inc., 231 S. Jefferson, Chicago, Ill.
Lloyd Co., W. C., 626 S. Clark, Chicago, Ill.
Mann Co., Wm., 529 Market, Philadelphia, Pa.
Martell Co., A. E., Congress St., Keene, N. H.
McDonald Ledger & Loose Leaf Co., 1809 Summerdale, Chicago, Ill.
Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
The Shaw-Walker Co., Muskegon, Mich.
Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

185 FORMS, BANK

(See also Stationers, Manufacturing, and specific headings)

American Bank Note Co., 118-132 E. Cullerton, Chicago, Ill.
American Bank Stationery Co., Curtin, Aiken, Hargest and Aisquith Sts., Baltimore, Md.
American Bindery Corp., 1310 Maple, Detroit, Mich.
American Sales Book Co., Ltd., Elmira, N. Y.
Ames Safety Envelope Co., 55 Sudbury, Boston, Mass.
Bankers Printing Co., 836 Montgomery, San Francisco, Cal.
Bankers Standardization Bureau, Care Brown Blodgett Co., 1745 University Ave., St. Paul, Minn.
Barnard Stationery Co., Geo. D., Vandeventer & Laclede Aves., St. Louis, Mo.
Boorum & Pease Co., 84 Hudson Ave., Brooklyn, N. Y.
Brown-Blodgett Co., 1745 University Ave., St. Paul, Minn.
Buchan-White Loose Leaf Co., 1906 Pine, St. Louis, Mo.
Cockrum Printing Co., J. W., Oakland City, Ind.
Columbian Bank Note Co., 500 S. Ashland, Chicago, Ill.
Columbus Bank Note Co., 40 E. Spring, Columbus, Ohio.

Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.

Dameron-Pierson Company, Ltd., 400 Camp, New Orleans, La.

Doubleday Bros. & Co., 241 E. Michigan Ave., Kalamazoo, Mich.

Dow Co., Louis F., 2242 University Ave., St. Paul, Minn.

Exline Co., 113 St. Clair Ave., N. E., Cleveland, O.
Farnham Printing & Stationery Co., 417-419 Hennepin Ave., Minneapolis, Minn.

Ft. Wayne Printing Co., 119-130 Holman, Ft. Wayne, Ind.

Gast Bank Note Co., 4189 Chippewa, St. Louis, Mo.

The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.

Hadley Co., Chas. R., 330 N. Los Angeles, Los Angeles, Calif.

Hall Lithographing Co., 623 Kansas Ave., Topeka, Kan.

Horder's, Inc., 231 S. Jefferson, Chicago, Ill.

Hutson & Co., C. S., 555-561 San Pedro, Los Angeles, Cal.

Irwin-Hodson Co., 115 N. 15th, Portland, Ore.

Iser-Tompsett Lithographing Co., 2940 Benton, St. Louis, Mo.

Kansas Bank Note Co., Fredonia, Kan.

Kennedy Printing Co., 609-611 Monroe, Fredonia, Mo.

Le Febure Corp., Cedar Rapids, Iowa.

Levey Printing Co., State House Square, Indianapolis, Ind.

Lloyd Co., W. G., 626 S. Clark, Chicago, Ill.

Mann Co., Wm., 529 Market, Philadelphia, Pa.

Martell Co., A. E., Congress St., Keene, N. H.

Master-Craft Corp., 825 Cobb, Kalamazoo, Mich.

Moore Corp., John C., 65 Stone, Rochester, N. Y.

National Blank Book Co., Riverside, Holyoke, Mass.

National Carbon Coated Paper Co., Sturgis, Mich.

Northern Bank Note Co., 2340 N. Racine, Chicago, Ill.

Peerless Lithographing Co., 4313 Diversey Ave., Chicago, Ill.

Pembroke Co., 24 E. Broadway, Salt Lake City, Utah.

Pettibone & Co., P. F., 27 N. Desplaines, Chicago, Ill.

Geo. Primbs & Sons, Inc., Pocatello, Idaho.

Pugh & Co., H. G., 1000 Center St., Little Rock, Ark.

Remington Rand Business Service, 465 Washington, Buffalo, N. Y.

Reserve Litho. & Ptg. Co., Caxton Bldg., Cleveland, Ohio.

Reynolds & Reynolds Co., Washington & Dudley, Dayton, Ohio.

Richmond & Backus Co., Detroit, Mich.

Schwabacher-Frey Sta. Co., 735 Market, San Francisco, Cal.

Sebastian & Co., 224 N. Desplaines, Chicago, Ill.

Shaw-Walker Co., Muskegon, Mich.

Smith-Brooks Ptg. Co., 1733-1747 California, Denver, Colo.

Smith Co., Oscar T., & Son, 407-411 E. Saratoga, Baltimore, Md.

Smith Ptg. Co., 225 E. 3d, Williamsport, Pa.

Stafford-Lowdon Co., 610 W. Daget, Ft. Worth, Tex.

Standard Bank Note Co., 351 E. Ohio, Chicago, Ill.

Stuart-Hooper Co., 5431 S. Wabash Ave., Chicago, Ill.

Sunset Press, 1045 Sansome, San Francisco, Cal.

Swinney Ptg. Co., Fort Branch, Ind.

Taylor & Greenough Bank Supply Co., 74 Union, Hartford, Conn.

Thompson & Co., Arthur, 109 Market Place, Baltimore, Md.

The Todd Co., 1185 University Ave., Rochester, N. Y.

United States Check Book Co., 1309 Howard, Omaha, Neb.

Van Chief Lithographing Co., 2708 Wabash Ave., Chicago, Ill.

Walker, Evans & Cogswell Co., 3 Broad, Charleston, S. C.

Widman & Sons Co., Inc., J. F., McGregor, Ia.

Williams, Inc., Jno., 542 W. 27th, New York, N. Y.

Wilson-Jones Co., 3300 Franklin Blvd., Chicago, Ill.

Woodbury & Co., Inc., Chadwick Sq., Worcester, Mass.

Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

Young & Selden Co., 224 N. Calvert, Baltimore, Md., Philadelphia and Pittsburgh.

186 FORMS, BANKING-BY-MAIL

Return Address Company, 4401 Germantown Ave., Philadelphia, Pa.

187 FORMS, BUILDING AND LOAN

Martell Co., A. E., Congress St., Keene, N. H.
O. K. Press, 2301 S. Kedzie, Chicago, Ill.
Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
The Shaw-Walker Co., Muskegon, Mich.
Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

188 FORMS, CARD

(See also Systems, Filing, Card)

Acme Card System Co., 8 S. Michigan, Chicago, Ill.
Automatic File & Index Co., 427 W. Randolph, Chicago, Ill.
Buchan-White Loose Leaf Co., 1906 Pine, St. Louis, Mo.
The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
Martell Co., A. E., Congress St., Keene, N. H.
Postindex Co., Inc., Jamestown, N. Y.
Pressteel Engineering Co., 52 Vanderbilt Ave., New York, N. Y.
Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
Shaw-Walker Co., Muskegon, Mich.
Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

189 FORMS, CONTINUOUS

American Sales Book Ltd., Elmira, N. Y.
Gilkey Printing Co., W. S., 608 S. Dearborn, Chicago, Ill.

GILMAN FANFOLD CORPORATION, LTD.,
Niagara Falls, N. Y. (See our adv. on this page.)

Hamilton Autographic Register Co., 802 Symmes Ave., Hamilton, O.
Martell Co., A. E., Congress St., Keene, N. H.
McDonald Ledger & Loose Leaf Co., 1809 Summerdale, Chicago, Ill.
Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
The Shaw-Walker Co., Muskegon, Mich.
Vawter Manifold Co., Benton Harbor, Mich.

190 FORMS, LEDGER

(See also Forms, Loose Leaf and Ledgers, Loose Leaf)

Buchan-White Loose Leaf Co., 1906 Pine, St. Louis, Mo.
Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
Horder's, Inc., 231 S. Jefferson, Chicago, Ill.
Kennedy Printing Co., 609-611 Monroe, Fredonia, Kan.
Le Febure Corp., Cedar Rapids, Iowa.
Lloyd Co., W. G., 626 S. Clark, Chicago, Ill.
Mann Co., Wm., 529 Market, Philadelphia, Pa.
Martell Co., A. E., Congress St., Keene, N. H.
McDonald Ledger & Loose Leaf Co., 1809 Summerdale, Chicago, Ill.
Moore Corp., John C., 65 Stone, Rochester, N. Y.
Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
Sebastian & Co., 224 N. Desplaines, Chicago, Ill.
The Shaw-Walker Co., Muskegon, Mich.
Tallman Robbins & Co., 314 W. Superior, Chicago, Ill.
Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

191 FORMS, LEDGER, CERTIFICATE OF DEPOSIT

Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
Kennedy Printing Co., 609-611 Monroe, Fredonia, Kan.
Le Febure Corporation, Cedar Rapids, Ia.
Martell Co., A. E., Congress St., Keene, N. H.
National Blank Book Co., Riverside, Holyoke, Mass.
Swinney Ptg. Co., Fort Branch, Ind.
Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

UNIT ACCOUNTING

GILMAN FANFOLD CORPORATION, LTD.



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NIAGARA FALLS, N. Y.

192 FORMS, LOOSE LEAF

American Sales Book Co., Ltd., Elmira, N. Y.
 Cockrum Printing Co., J. W., Oakland City, Ind.
 Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 Doubleday Bros. & Co., 241 E. Michigan Ave., Kalamazoo, Mich.
 Grand Rapids Loose Leaf Binder Co., 10-16 W. Logan, Grand Rapids, Mich.
 Hall Lithographing Co., 623 Kansas Ave., Topeka, Kan.
 Horder's, Inc., 231 S. Jefferson, Chicago, Ill.
 Kennedy Printing Co., 609-611 Monroe, Fredonia, Kan.
 Lefax (Inc.), 9th & Samson, Philadelphia, Pa.
 Le Febure Corp., Cedar Rapids, Iowa.
 Mann Co., Wm., 529 Market, Philadelphia, Pa.
 Martell Co., A. E., Congress St., Keene, N. H.
 McDonald Ledger & Loose Leaf Co., 1809 Summerdale, Chicago, Ill.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 The Shaw-Walker Co., Muskegon, Mich.
 Shelby-Salesbook Co., Shelby, O.
 Sheppard Co., C. E., Van Alst & 14th, Long Island City, N. Y.
 Southern States Printing Co., Inc., The Griffin, Ga.
 Sunset Press, 1045 Sansome, San Francisco, Cal.
 Tallman Robbins & Co., 314 W. Superior, Chicago, Ill.
 Watt & Gillogly, Inc., 7 S. Dearborn, Chicago, Ill.
 Wilson-Jones Co., 3300 Franklin, Chicago, Ill.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

193 FORMS, MACHINE BOOKKEEPING

Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 Ft. Wayne Printing Co., 119-130 Holman, Ft. Wayne, Ind.
 Horder's, Inc., 231 S. Jefferson, Chicago, Ill.
 Le Febure Corp., Cedar Rapids, Iowa.
 Lloyd Co., W. G., 626 S. Clark, Chicago, Ill.
 Mann Co., Wm., 529 Market, Philadelphia, Pa.
 Martell Co., A. E., Congress St., Keene, N. H.
 McDonald Ledger & Loose Leaf Co., 1809 Summerdale, Chicago, Ill.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Richmond & Backus Co., Woodward at Congress, Detroit, Mich.
 Shaw-Walker Co., Muskegon, Mich.
 Smith Printing Co., The, 225 E. Third, Williamsport, Pa.
 Wilson-Jones Co., 3300 Franklin, Chicago, Ill.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

194 FORMS, RUBBER STAMP

Safford Stamp Works, 205 W. Madison, Chicago, Ill.

FORMS, SAVINGS DEPARTMENT

(See Forms, Bank)

195 FORMS, TRUST DEPARTMENT

(See also Forms, Bank)

Brown, Lent & Pett, Inc., 110 William, New York, N. Y.
 Le Febure Corp., Cedar Rapids, Iowa.
 Mann Co., Wm., 529 Market, Philadelphia, Pa.
 Purse Co., 435 Chestnut, Chattanooga, Tenn.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Shaw-Walker Co., The, Muskegon, Mich.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

FOUNTAIN PENS

(See Pens, Fountain)

196 FRAMES, POSTER

Blodgett Co., Harvey, 551 5th Ave., New York, N. Y.
 Davenport-Taylor Corp., 412 Orleans, Chicago, Ill.
 Elliott Service Co., Inc., 242-250 W. 55th, New York, N. Y.
 National Service Bureau of N. Y., Inc., P. O. Box 121, Middletown, N. Y.

197 FURNITURE, BANK & OFFICE

Aetna Cabinet Co., 321 W. Maryland, Indianapolis, Ind.
 Allen-Marshall Co., Ivan, 40 Marietta, Atlanta, Ga.
 Amberg File & Index Co., 1400 Fulton, Chicago, Ill.
 American Bank Supply, 623 N. Illinois, Indianapolis, Ind.
 Angle Steel Stool Co., Inc., 2 Oak St., Plainwell, Mich.
 Art Metal Products Co., 514 S. Green, Chicago, Ill.
 Automatic File & Index Co., 427 W. Randolph, Chicago, Ill.
 Canton Art Metal Co., 2820 Winfield Way, N. E., Canton, Ohio.
 Clemetsen Co., 3401 Division, Chicago, Ill.
 Collins Safe & Fixture Co., W. D., 513 W. Main, Denison, Tex.

Dameron-Pierson Company, Ltd., 400 Camp, New Orleans, La.
 Doten Dunton Desk Co., 210 Broadway, Cambridge, Mass.
 Dow Co., Louis F., 2242 University Ave., St. Paul, Minn.
 Edwards Co., Inc., O. M., Solar & Plum, Syracuse, N. Y.
 Ehrlich & Sons Mfg. Co., H., Colo. & Lake, St. Joseph, Mo.
 Foote & Davies Co., Edgewood & Pryor, Atlanta, Ga.
 General Fireproofing Co., Youngstown, Ohio.
 Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Hoosier Desk Co., 202 Mill, Jasper, Ind.
 Horne Desk & Furniture Co., Inc., 89 N. Pryor, Atlanta, Ga.
 Imperial Desk Co., Florida & Devon, Evansville, Ind.
 Inter Ocean Cabinet Co., 326 S. Paulina, Chicago, Ill.
 Invincible Metal Furniture Co., Manitowoc, Wis.
 Jamestown Metal Equipment Co., Inc., 1088 Allen, Jamestown, N. Y.
 Karpen & Bros., S., 801 Wabash Ave., Chicago, Ill.
 Krueger Mfg. Co., 1316 Lakewood Ave., Atlanta, Ga.
 Le Febure Corporation, Cedar Rapids, Ia.
 Macey Co., The, 1520 Division Ave., S., Grand Rapids, Mich.
 Mailander & Co., 601 Jackson, Waco, Tex.
 Metal Office Furniture Co., Grand Rapids, Mich.
 Miller-Davis Co., 219 S. 4th, Minneapolis, Minn.
 Milwaukee Chair Co., The, 666 Lake Shore Dr., Chicago, Ill.
NEWMAN MFG. COMPANY, Cleneay Ave. & N. & W. R. R., Cincinnati, Ohio.
 Ohmer, Inc., A. A. & R. F., 113 N. Jefferson, Dayton, O.
 Orthwine, R., 344 W. 34th, New York, N. Y.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Richmond & Backus Co., Woodward at Congress, Detroit, Mich.
 Shaw-Walker Co., Muskegon, Mich.
 Steel Equipment Corp., Avenel, N. J.
 Steel Fixture Mfg. Co., E. 7th & Adams, Topeka, Kan.
 Stow & Davis Furniture Co., 70 S. Front Ave., Grand Rapids, Mich.
 Taylor Chair Co., Bedford, Ohio.
 Tennessee Furniture Corp., Chattanooga, Tenn.
 Watson Mfg. Co., Jamestown, N. Y.
 Womack & Sons, J. P., Inc., Lakewood Ave., Atlanta, Ga.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

FURNITURE, MARBLE

(See Fixtures, Bank & Office; also Fixtures, Marble)

198 FURNITURE, METAL

Allen-Marshall Co., Ivan, 40 Marietta, Atlanta, Ga.
 Angle Steel Stool Co., Inc., 2 Oak, Plainwell, Mich.
 Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Art Metal Products Co., 514 S. Green, Chicago, Ill.
 Berger Mfg. Co., 1038 Belden Ave., Canton, O.
 Canton Art Metal Co., 2820 Winfield Way, N. E., Canton, Ohio.
 Davidson Co., J. L., 632-648 Mateo, Los Angeles, Cal.
 Edwards Co., Inc., O. M., Solar & Plum, Syracuse, N. Y.
 General Fireproofing Co., Youngstown, Ohio.
 Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Interior Metal Equipment Co., 520 N. Michigan, Chicago, Ill.
 Invincible Metal Furniture Co., Manitowoc, Wis.
 Jamestown Metal Equipment Co., Inc., 1088 Allen, Jamestown, N. Y.
 Le Febure Corporation, Cedar Rapids, Ia.
 Macey Co., The, 1520 Division Ave., S., Grand Rapids, Mich.
 Metal Office Furniture Co., Grand Rapids, Mich.
 Newman Mfg. Co., Cleneay Ave. & N. & W. R. R., Cincinnati, O.
 Orthwine, R., 344 W. 34th, New York, N. Y.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Shaw-Walker Co., Muskegon, Mich.
 Steel Equipment Corp., Avenel, N. J.
 Toledo Metal Furniture Co., 1100 Hastings, Toledo, Ohio.
 Watson Mfg. Co., Jamestown, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

FURNITURE, VAULT

(See Equipment, Vault)

G

199 GLASS, BULLET-PROOF

Hi-Way Alarm Co., Cedarburg, Wis.
 Indestructo Glass Corporation, Farmingdale, Long Island, N. Y.
 Safetee Glass Co., 905 N. Broad, Philadelphia, Pa.
 Safety Corp., The, Adena, Ohio.
 Triplex Safety Glass Co. of N. A., Inc., Hoboken Terminal, Hoboken, N. J.

GLASS DESK PADS

(See Pads, Desk, Glass)

GLASS SIGNS

(See Signs, Glass)

200 GLOBES

RAND McNALLY & CO., 536 S. Clark St., Chicago, Ill.

201 GLUE

(See also Supplies, Bank & Office)

Keller Ink Co., Robert, 1441 Brooklyn Ave., Detroit, Mich.
 Russia Cement Co., 1500 S. Western Ave., Chicago, Ill.

GOLD LETTERING

(See Lettering, Gold)

202 GRILLWORK

American Fixture Co., 16th & Bellefontaine, Kansas City, Mo.
 American Iron & Wire Works, 1621 Carroll, Chicago, Ill.
 Art In Bronze Co., Inc., 1621 E. 41st, Cleveland, O.
 Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Atlas Bronze Mfg. Co., 2640-2648 N. Maplewood Ave., Chicago, Ill.
 Baldwin Brass Works, 321 S. California Ave., Chicago, Ill.
 Buffalo Wire Works Co., Inc., 577 Terrace, Buffalo, N. Y.
 Chicago Architectural Bronze Co., 1948 W. Ohio, Chicago, Ill.
 The A. Claus Mfg. Co., 5250 Brookpark Rd., Cleveland, O.
 Davidson Co., J. L., 632-648 Mateo, Los Angeles, Cal.
 Flour City Ornamental Iron Co., 27th Ave. and 27th, Minneapolis, Minn.
 Guth Co., Edwin F., 2615 Washington Ave., St. Louis, Mo.
 Harsch Bronze & Foundry Co., John, 11612 Madison Ave., Cleveland, O.
 Jamestown Metal Equipment Co., Inc., 1088 Allen, Jamestown, N. Y.
 Mailander & Co., 601 Jackson, Waco, Tex.
 Michaels Art Bronze Co., 230-240 Scott, Covington, Ky.
 Mount & Robertson, Inc., 62 Broad, New York, N. Y.
 Mullen Mfg. Co., 60 Rausch San Francisco, Cal.
 Nachtgall Mfg. Co., 237-45 S. Front, Grand Rapids, Mich.
NEWMAN MFG. CO., Cleneay Ave. & N. & W. R. R., Cincinnati, O.
 Ohmer, Inc., A. A. & R. F., 113 N. Jefferson, Dayton, O.
 Oregon Brass Works, 2d & Everett, Portland, Ore.
 Southern Brass Mfg. & Plating Co., 6614 Harrisburg Blvd., Houston, Tex.
 Standard Iron & Wire Works, 510-12 E. 10th, Chattanooga, Tenn.
 Steel Fixture Mfg. Co., E. 7th & Adams, Topeka, Kan.
 Tyler Co., W. S., 36th & Superior, Cleveland, O.
 Usona Mfg. Co., 3612 Chouteau, St. Louis, Mo.
 Watson Mfg. Co., Jamestown, N. Y.
 Williams, Inc., Jno., 542 W. 27th, New York, N. Y.
 Wisconsin Iron & Wire Works, 1660 Booth, Milwaukee, Wis.
 Womack & Sons, J. P., Inc., Lakewood Ave., Atlanta, Ga.

203 GUIDES, INDEX

(See also Supplies, Filing)

Amberg File & Index Co., 1400 Fulton, Chicago, Ill.
 American Clip Co., Beebe Ave. & William, Long Island City, N. J.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Graff-Underwood Co., 54 Washburn Ave., Cambridge, Mass.
 Invincible Metal Furniture Co., Manitowoc, Wis.
 Le Febure Corporation, Cedar Rapids, Ia.
 Lloyd Co., W. G., 626 Clark, Chicago, Ill.
 National Blank Book Co., Riverside, Holyoke, Mass.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Shaw-Walker Co., The, Muskegon, Mich.
 Strayer Coin Bag Co., 1028-4th Ave., New Brighton, Pa.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

GUMMED TAPE SEALING MACHINES

(See Machines, Sealing, Gummed Tape)

H

HOLDERS, COIN, PASTEBOARD

(See Coin Folders)

HOLDERS, LOOSE LEAF

(See Binders, Loose Leaf and Supplies, Loose Leaf)

204 HOLDERS, RUBBER STAMP

Safford Stamp Works, 205 W. Madison, Chicago, Ill.

205 HOLDERS, STENO, NOTEBOOK

American Clip Co., Beebe Ave. & William, Long Island City, N. Y.
 American Electric Co., Inc., 6401 S. State, Chicago, Ill.
 Le Febure Corporation, Cedar Rapids, Ia.
 Office Efficiency Distributors Co., 200 Davis, San Francisco, Calif.
 Pittsburgh Typewriter & Supply Co., 339 5th Ave., Pittsburgh, Pa.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.

HOLD-UP ALARMS
(See Burglar Alarms)**HOME BUDGET SYSTEMS**
(See Systems, Budget, Home)**HOME SAVINGS BANKS**
(See Savings Banks, Home & Pocket)**206 HOUSE ORGANS**

(See also Booklets, Advertising)

Bauder-Baker, 225 N. Michigan Ave., Chicago, Ill.
 Cradick Service, Inc., 716 4th Ave., Minneapolis, Minn.
 Investment Advertising Co., 208 S. La Salle, Chicago, Ill.
 Levey Printing Co., State House Square, Indianapolis, Ind.

HUSH-A-PHONES

(See Telephone Attachments)

IDENTIFICATION APPARATUS
(See Finger Print Outfits)**INCOME TAX SERVICE**
(See Service, Tax)**207 INCORPORATION PROCEDURE**

Pratt & Sons, Inc., A. S., Wilkins Bldg., Washington, D. C.

INDEXES, CARD

(See Files, Card Index)

208 INDEXES, TELEPHONE

Bates Mfg. Co., Orange, N. J.
 Kohl & Co., P. J., 224-230 Huron, Chicago, Ill.
 Presteel Engineering Corporation, 52 Vanderbilt Ave., New York, N. Y.
 Shaw-Walker Co., The, Muskegon, Mich.
 Smead Mfg. Co., 309 Second, Hastings, Minn.
 Terre Haute Adv. Co., 1317 Poplar, Terre Haute, Ind.

209 INDEXING DEVICES

Aigner Co., G. J., 503 S. Jefferson, Chicago, Ill.
 Aluminum Index Co., Edgewater, N. J.
 Conway Co., H. H., 725 S. Wells, Chicago, Ill.
 Cook Co., H. C., 16 Beaver, Ansonia, Conn.
 Globe-Wernicke Co., Carthage Ave., Cincinnati, Ohio.
 Le Febure Corp., Cedar Rapids, Iowa.
 Markilo Co., 936 W. 63d, Chicago, Ill.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Victor Safe & Equipment Co., Marietta, Ohio.
 Wabash Cabinet Co., Wabash, Ind.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

INDUSTRIAL ENGINEERS
(See Engineers, Industrial)**210 INDUSTRIAL SAVINGS**

American Banking Machine Corp., 207 Eddy Bldg., Saginaw, Mich.
 American Beauty Cover Co., 1900 Orange, Dallas, Tex.

211 INK ERADICATORS

Carter's Ink Co., 239 First, Cambridge, Mass.
 Sanford Ink Co., 846 W. Congress, Chicago, Ill.

212 INKS

Carter's Ink Co., 239 First, Cambridge, Mass.
 Gordon Pen Co., 450 Palisades Ave., West New York, N. J.
 Higgins & Co., Chas. M., 271 Ninth, Brooklyn, N. Y.
 Keller Ink Co., Robert, 1441 Brooklyn Ave., Detroit, Mich.
 Payson's Indelible Ink Co., 28 Henshaw Ave., Northampton, Mass.
 Sanford Ink Co., 846 W. Congress, Chicago, Ill.
 Scriptex Ink & Paste Co., 519-21 S. Second, Philadelphia, Pa.
 Sterling Ink Co., Inc., 1201 S. 3d, Minneapolis, Minn.
 Ullrich & Co., J., 161 Washington, New York, N. Y.
 Waterman Co., L. E., 191 Broadway, New York, N. Y.

213 INKS, DUPLICATING

Arlae Dry Stencil Corp., 424 Fourth Ave., Pittsburgh, Pa.
 Dick Co., A. B., 720 W. Jackson Blvd., Chicago, Ill.
 Ditto, Inc., 2243 W. Harrison, Chicago, Ill.
 Duplco Mfg. Co., New Brunswick, N. J.
 Rotospeed Co., The, 5th & Wilkinson St., Dayton, O.
 Swisher Mfg. Co., R. D., 411-13 S. Clinton, Chicago, Ill.

214 INKS, RUBBER STAMP

Bankers Savings & Credit System Co., 10302 Madison Ave., Cleveland, O.
 Brakmeier Bros., 112 S. 4th Ave., Louisville, Ky.
 Carter's Ink Co., 239 First, Cambridge, Mass.
 Darling Co., J. C., 734 Kansas Ave., Topeka, Kan.
 Force & Co., Inc., Wm. A., 105 Worth, New York, N. Y.
 Gibson Co., A. C., Inc., 70 Oak, Buffalo, N. Y.
 Keller Ink Co., Robert, 1441 Brooklyn Ave., Detroit, Mich.
 Sachs-Lawlor Co., 1543 Larimer, Denver, Colo.
 Safford Stamp Works, 205 W. Madison, Chicago, Ill.
 Swisher Mfg. Co., R. D., 411 S. Clinton, Chicago, Ill.

215 INKSTANDS

Defiance Sales Corp., 72-78 Spring, New York, N. Y.
 Keller Ink Co., Robert, 1441 Brooklyn Ave., Detroit, Mich.
 Lewis Ball Bearing Inkwell Co., Paulding, O.
 Rehberger Mfg. Co., 1217 Webster Ave., Chicago, Ill.
 Sengbusch Self-Closing Inkstand Co., 2218 Clybourn, Milwaukee, Wis.
 Sneath Glass Co., Hartford City, Ind.
 Twentieth Century Co., 542 S. Dearborn, Chicago, Ill.

INSPECTION, VAULT
(See Vault Inspection)**216 INSURANCE, BANKERS' BLANKET BOND**

Scarborough & Co., Insurance Exchange Bldg., Chicago, Ill.

217 INSURANCE, BURGLARY

American Surety Co., 100 Broadway, New York, N. Y.

218 INSURANCE, CHECK

American Surety Co., 100 Broadway, New York, N. Y.
 Todd Co., The, 1185 University Ave., Rochester, N. Y.

219 INSURANCE, INDEMNITY

American Surety Co., 100 Broadway, New York, N. Y.
 Insurance Co. of North America, 1600 Arch, Philadelphia, Pa.

220 INSURANCE, MAIL

Royal Insurance Co., Ltd., 83 William St., New York, N. Y.

221 INSURANCE, PLATE GLASS

American Surety Co., 100 Broadway, New York, N. Y.

222 INSURANCE, SAFE DEPOSIT BOX

Scarborough & Co., Insurance Exchange Bldg., Chicago, Ill.

223 INTER-COMMUNICATING TELAUTOGRAPHS

Telautograph Corp., 16 W. 61st, New York, N. Y.

INTER-COMMUNICATING TELEPHONES
(See Telephones, Inter-Communicating)**224 INTEREST TABLES & INTEREST CALCULATORS**

Meilicke Systems, Inc., 3464 N. Clark St., Chicago, Ill.
 MORAN, B. T., INC., 400 N. Michigan Ave., Chicago, Ill.
 TWENTIETH CENTURY CO., 542 So. Dearborn St., Chicago, Ill. (See our adv. on this page.)

225 IRON, ARCHITECTURAL AND ORNAMENTAL

American Iron & Wire Works, 1621 Carroll Ave., Chicago, Ill.
 Cassidy Co., Inc., 101 Park Ave., New York, N. Y.
 Chicago Architectural Bronze Co., 1948 W. Ohio, Chicago, Ill.
 The A. Claus Mfg. Co., 5250 Brookpark Rd., Cleveland, O.
 Flour City Ornamental Iron Co., 27th Ave. & 27th, Minneapolis, Minn.
 Harsch Bronze & Fdry. Co., John, 11612 Madison Ave., Cleveland, Ohio.
 Illinois Bronze & Iron Works, 917 S. Kildare, Chicago, Ill.
 Krueger Mfg. Co., 1316 Lakewood Ave., Atlanta, Ga.
 Michaels Art Bronze Co., Inc., 230-240 Scott, Covington, Ky.
 Mount & Robertson, Inc., 62 Broad, New York, N. Y.
 Newman Mfg. Co., Cleneay Ave., & N. & W. R. R., Cincinnati, Ohio.
 Portland Wire & Iron Works, 294 Second, Portland, Ore.
 Standard Iron & Wire Works, 510-12 E. 10th, Chattanooga, Tenn.
 Steel Fixture Mfg. Co., E. 7th & Adams, Topeka, Kan.
 Tyler Co., W. S., 3615 Superior Ave., Cleveland, Ohio.
 Watson Mfg. Co., Jamestown, N. Y.
 Western Architectural Iron Co., 3455 Elston Ave., Chicago, Ill.
 Williams, Inc., Jno., 542 W. 27th, New York, N. Y.
 Wisconsin Iron & Wire Works, 1660 Booth, Milwaukee, Wis.
 Womack & Sons, J. P., Inc., Lakewood Ave., Atlanta, Ga.

ROBINSONIAN INTEREST TABLES**INTEREST TABLES**

For
 Daily Balances
 Savings Accounts
 Compound Interest
 Bond Values Tables

For
 Simple Interest, 360 and 365 days basis
 Installment and Amortization Tables
 Building & Loan Interest Tables
 Definite Contract Loan Tables

Simplex Interest Tables $\frac{1}{2}$, $3\frac{1}{2}$, 4, $4\frac{1}{2}$, 5, $5\frac{1}{2}$, 6, $6\frac{1}{2}$, 7, $7\frac{1}{2}$, 8, and 9%.

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226 JACKETS, PASS BOOK

American Beauty Cover Co., 1900 Orange St., Dallas, Tex.
 American Paper Goods Co., Kensington, Conn.
 Ames Safety Envelope Co., 55 Sudbury, Boston, Mass.
 Berkowitz Envelope Co., 19th & Campbell, Kansas City, Mo.
 Bushnell Co., Alvah, 13th & Wood, Philadelphia, Pa.
 Exline Co., 113 St. Clair Ave., N. E., Cleveland, O.
 Gulf Envelope Co., Brooks at Freeman, Houston, Tex.
 Keystone Envelope Co., 427 Moyer, Philadelphia, Pa.
 Le Febure Corp., Cedar Rapids, Iowa.
 Levey Printing Co., State House Square, Indianapolis, Ind.
 William Mann Co., 529 Market St., Philadelphia, Pa.
 McGill Paper Products Co., 501 Seventh Ave., Minneapolis, Minn.
 Oliver Baker Mfg. Co., 420 S. 7th, Minneapolis, Minn.
 Reynolds & Reynolds, Washington & Dudley, Dayton, Ohio.
 Stafford-Lowdon Co., 610 W. Daget, Ft. Worth, Tex.
 Young & Selden Co., 224 N. Calvert, Baltimore, Md., Philadelphia and Pittsburgh.
 Zimmerman Bros. & Co., 4020 Michigan Ave., Chicago, Ill.

K

KODAKS

(See Cameras)

L

227 LABELS, ADVERTISING

Brown & Bigelow, Quality Park, St. Paul, Minn.
 Fenton Label Co., Inc., 506 Race, Philadelphia, Pa.
THE FOXON CO., 227-235 West Park St., Providence, R. I.
 Pavay Envelope & Tag Co., 36 Green, Newark, N.J.
 Shuman Co., Frank G., 711 W. Jackson Blvd., Chicago, Ill.
 St. Louis Sticker Co., 1627 Washington Ave., St. Louis, Mo.
 Tablet & Ticket Co., 1021 W. Adams, Chicago, Ill.

228 LAMPS—ADDING, POSTING MACHINES

Faries Mfg. Co., 1036 E. Grand Ave., Decatur, Ill.
 Handy Lite Co., Peoria, Ill.
 Mitchell Co., Middlesboro, Ky.

229 LAMPS, DESK

Aladdin Mfg. Co., 18th & Hackley, Muncie, Ind.
 Curtis Lighting, Inc., 1123 W. Jackson, Chicago, Ill.
 Farber, Inc., S. W., 141-151 S. 5th, Brooklyn, N. Y.
 Faries Mfg. Co., 1036 E. Grand Ave., Decatur, Ill.
 Frink Corp., 23-10 Bridge Plaza So., Long Island City, N. Y.
 Guth Co., Edwin F., 2615 Washington, St. Louis, Mo.
 Horn & Brannen Mfg. Co., 427 N. Broad, Philadelphia, Pa.
 McCann, H. F., 542 5th Ave., New York, N.Y.
 McFaddin & Co., H. G., 38-40 Warren, New York, N. Y.
 Westinghouse Lamp Co., 150 Broadway, New York, N. Y.

230 LAWS, BANKING

Pratt & Sons, Inc., A. S., Wilkins Bldg., Washington, D. C.

231 LEATHER GOODS

Advertising Specialty Co., 609 Ryan Bldg., St. Paul, Minn.
 Amity Leather Products Co., West Bend, Wis.
 Brown & Bigelow, Quality Park, St. Paul, Minn.
 Carrithers & Co., 128 N. Wells, Chicago, Ill.
 Continental Bank Supply Co., Mexico, Mo.
 Dow Co., Louis F., 2242 University Ave., St. Paul, Minn.
 Follis Advertising Service, W. E., 159 N. State, Chicago, Ill.
 Folsom Arms Co., H. & D., 314 Broadway, New York, N. Y.
 Humphreys Leather Goods Co., Inc., 243 E. Huron, Chicago, Ill.
 Kemper-Thomas Co., Norwood, Ohio.
 Kohl & Co., P. J., 230 W. Huron, Chicago, Ill.
 Leather Products Co., 201 South, Iola, Kan.
 L'Enfant-Oley-Martine Mfg. Corp., 99-101 5th, New York, N. Y.
 Meeker Co., Inc., 3d & Michigan, Joplin, Mo.
MORAN, B. T., Inc., 400 N. Michigan Ave., Chicago, Ill.
 Murphy Co., The, Thos. D., 110 S. 2nd St., Red Oak, Iowa.
 National Bank Supply Co., Inc., 60 Spring St., New York, N. Y.
 National Brief Case Mfg. Co., 512-532 S. Peoria, Chicago, Ill.
 Novelty Advertising Co., Coshocton, O.
 Oliver Baker Mfg. Co., 420 S. 7th, Minneapolis, Minn.
 Robinson Mfg. Co., 171 Elm, Westfield, Mass.
 Seelman & Sons Co., Geo., 337 Seventh, Milwaukee, Wis.
 United States Check Book Co., 1309-1315 Howard, Omaha, Neb.
 Van Clief Lithographing Co., 2708-2712 Wabash Ave., Chicago, Ill.
 Weinman Bros., 305 W. Adams, Chicago, Ill.
 Zell, Inc., D. H., 536 Broadway, New York, N. Y.

LEATHER NOVELTIES

(See Leather Goods, also Specialties, Advertising)

232 LEDGERS, BOSTON

Hall Co., J. C., 68 N. Exchange, Providence, R. I.
 National Blank Book Co., Riverside, Holyoke, Mass.
 Richmond & Backus Co., Woodward at Congress, Detroit, Mich.
 Smith Ptg. Co., 225 E. 3d, Williamsport, Pa.

233 LEDGERS, CARD

Amberg File & Index Co., 1400 Fulton, Chicago, Ill.
 Automatic File & Index Co., 427 W. Randolph, Chicago, Ill.
 The Exline Co., 113 St. Clair Ave., N. E., Cleveland, O.
 Le Febure Corp., Cedar Rapids, Iowa.
 Martell Co., A. E., Congress St., Keene, N. H.
 Postindex Co., Jamestown, N. Y.
 Pressteel Engineering Corporation, 52 Vanderbilt Ave., New York, N. Y.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Shaw-Walker Co., Muskegon, Mich.
 Wagemaker Co., 566 Market, S. W., Grand Rapids, Mich.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

234 LEDGERS, LIABILITY

Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 Dow Co., Louis F., 2242 University Ave., St. Paul, Minn.
 Ft. Wayne Printing Co., 119-130 Holman, Ft. Wayne, Ind.
 Le Febure Corp., Cedar Rapids, Iowa.

Martell Co., A. E., Congress St., Keene, N. H.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Richmond & Backus Co., Woodward at Congress, Detroit, Mich.
 Shaw-Walker Co., The, Muskegon, Mich.
 Wilson-Jones Co., 3300 Franklin Blvd., Chicago, Ill.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

235 LEDGERS, LOOSE LEAF

Adams Mfg. Co., Henry T., 8561 S. Chicago, Chicago, Ill.
 American Bindery Corp., 1310 Maple, Detroit, Mich.
 Buchan-White Loose Leaf Co., 1906 Pine, St. Louis, Mo.
 Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 Flammger & Grahl Blank Book Co., 318 N. Third, St. Louis, Mo.
 Hall Co., J. C., 68 W. Exchange, Providence, R. I.
 Kennedy Printing Co., 609-611 Monroe, Fredonia, Kan.
 Le Febure Corp., Cedar Rapids, Iowa.
 Mann Co., Wm., 529 Market, Philadelphia, Pa.
 Martell Co., A. E., Congress St., Keene, N. H.
 McDonald Ledger & Loose Leaf Co., 1809 Summerdale Ave., Chicago, Ill.
 National Blank Book Co., Riverside, Holyoke, Mass.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Richmond & Backus Co., Woodward at Congress, Detroit, Mich.
 Shaw-Walker Co., The, Muskegon, Mich.
 Sheppard Co., C. E., Van Alst, 14th, Long Island City, N. Y.
 Tallman Robbins & Co., 314 W. Superior, Chicago, Ill.
 United States Check Book Co., 1309-1315 Howard, Omaha, Neb.
 Weston Co., Byron, Main, Dalton, Mass.
 Wilson-Jones Co., 3300 Franklin Blvd., Chicago, Ill.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

236 LEGAL SERVICE

Pratt & Sons, Inc., A. S., Wilkins Bldg., Washington, D. C.

LETTERHEADS, EMBOSSED
 (See Embossing)

237 LETTERHEADS, ENGRAVED
 (See also Engraving)

American Embossing Co., 196 Seneca, Buffalo, N. Y.
 Hesse Envelope & Litho. Co., 4175 N. Kingshighway, St. Louis, Mo.
 Hutson & Co., C. S., 555-561 S. San Pedro, Los Angeles, Cal.
 Northern Bank Note Co., 2340 N. Racine Ave., Chicago, Ill.
 Standard Bank Note Co., 351 E. Ohio, Chicago, Ill.
 Woodbury and Co., Inc., Chadwick Square, Worcester, Mass.
 Young & Selden Co., 224 N. Calvert, Baltimore, Md.

238 LETTERHEADS, LITHOGRAPHED
 (See also Lithographing)

Capitol Banknote Co., 429 S. Ashland Ave., Chicago, Ill.
 Carrithers & Co., 128 N. Wells, Chicago, Ill.
 Central Banknote Co., 319 N. Albany, Chicago, Ill.
 Forbes Lithograph Mfg. Co., P. O. Box 5130, Boston, Mass.
HECO ENVELOPE CO., 4500 Courtland, Chicago, Ill.
 Hesse Envelope & Litho. Co., 4175 N. Kingshighway, St. Louis, Mo.
 Isler-Tompsett Lithographing Co., 2940 Benton, St. Louis, Mo.
 Master-Craft Corp., 825 Cobb, Kalamazoo, Mich.
 Northern Bank Note Co., 2340 N. Racine Ave., Chicago, Ill.

LETTERHEADS, LITHOGRAPHED—CONTINUED

PEERLESS LITHOGRAPHING CO., 4313 Diversey, Chicago, Ill. (See our adv. on this page)
 Razell Mfg. Co., H. G., 710 S. 12th St., Milwaukee, Wis.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Skinner & Kennedy, St. Louis, Mo.
 Standard Bank Note Co., 351 E. Monroe, Chicago, Ill.
ST. LOUIS LITHOGRAPHING CO., 312 N. 3d, St. Louis, Mo. (See our adv. on this page)
 The Todd Co., 1185 University Ave., Rochester, N. Y.
 United States Check Book Co., 1309-1315 Howard, Omaha, Neb.
 Van Clief Lithographing Co., 2708-12 Wabash Ave., Chicago, Ill.
 Young & Selden Co., 224 N. Calvert, Baltimore, Md.

LETTERHEADS, PRINTED

(See Printing, also Stationers, Manufacturing)

239 LETTERING, GOLD

Kiesling & Co., S. F., 19 S. Wells, Chicago, Ill.
 Leather Products Co., 201 South, Iola, Kan.
 Tablet & Ticket Co., 1021 W. Adams, Chicago, Ill.
 Young & Selden Co., 224 N. Calvert, Baltimore, Md.

240 LETTER OPENERS

Aircraft Manufacturing Co., 2448-56 W. 22d, Chicago, Ill.
 Bircher Co., Inc., 192 Mill, Rochester, N. Y.
 Rehberger Mfg. Co., 1217 Webster Ave., Chicago, Ill.
 Vidaver Letter Opener Co., Inc., 1755 Broadway, New York, N. Y.

241 LETTER OPENERS (AUTOMATIC)

Bircher Co., Inc., 192 Mill, Rochester, N. Y.
 O. K. Mfg. Co., 472 W. 1st, Oswego, N. Y.

242 LETTERS, COLLECTION

Ft. Wayne Ptg. Co., 119-130 Holman, Ft. Wayne, Ind.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Richmond & Backus Co., Woodward at Congress, Detroit, Mich.
 Young & Selden Co., 224 N. Calvert, Baltimore, Md.

243 LETTERS, GUMMED PAPER

The Tablet & Ticket Co., 1021 W. Adams, Chicago, Ill.

LIGHTING SYSTEMS
 (See Fixtures, Lighting)

244 LININGS, VAULT

Diebold Safe & Lock Co., Canton, Ohio.
 Herring-Hall-Marvin Co., Grand Blvd., Hamilton, Ohio.
 Invincible Metal Furniture Co., Manitowoc, Wis.
 Mosler Safe Co., Hamilton, Ohio.
 National Safe & Lock Co., 2345 E. 69th, Cleveland, Ohio.
 York Safe & Lock Co., York, Pa.

245 LININGS, VAULT (ELECTRIC)

Burglary Protection Co., 738 Ceres Ave., Los Angeles, Cal.
 McClintock Co., O. B., 139 Lyndale Ave., N., Minneapolis, Minn.

246 LISTS, MAILING

Boyd's City Dispatch, New York, N. Y.
BUCKLEY DEMENT & CO., 1300 Jackson Blvd., Chicago, Ill.
 Ross-Gould Co., 309 N. 10th, St. Louis, Mo.

247 LITHOGRAPHING

Adams Lithographing & Printing Co., 116 W. 2d, Pine Bluff, Ark.
 American Bank Note Co., 118 E. Cullerton, Chicago, Ill.
 American Bank Stationery Co., Curtin, Aiken, Hargest & Aisquith, Baltimore, Md.
 American Bank Supply Co., 623 N. Illinois, Indianapolis, Ind.
 Barnard Stationery Co., Geo. D., Vandeventer & Laclede Aves., St. Louis, Mo.
 Beach Printing Co., Will A., 235 N. Phillip Ave., Sioux Falls, S. D.
 Benson & Sons, Inc., Benj. D., 11 Cliff, New York, N. Y.
 Brown-Blodgett Co., 1745 University Ave., St. Paul, Minn.
 Brown, Lent & Pett, Inc., 110 William, New York, N. Y.
 Bushong & Co., Inc., Park & Stark, Portland, Ore.
 Buxton & Skinner Printing & Stationery Co., 306 N. 4th, St. Louis, Mo.
 Capitol Banknote Co., 429 S. Ashland Ave., Chicago, Ill.
 Central Banknote Co., 319 N. Albany, Chicago, Ill.
 Clarke & Courts, 2402 Mechanic, Galveston, Tex.
 Columbian Bank Note Co., 500 S. Ashland, Chicago, Ill.
 Columbus Bank Note Co., 40 E. Spring, Columbus, O.

Commercial Lithographing Co., 825 W. Market, Louisville, Ky.
 Corporation Bank Note Co., 38 S. Dearborn, Chicago, Ill.
 Courier-Journal Job Printing Co., 316-328 W. Liberty, Louisville, Ky.
 Dameron-Pierson Company, Ltd., 400 Camp, New Orleans, La.
 De Luxe Check Printers, Inc., 900 N. Franklin, Chicago, Ill.; 2531 University Ave., St. Paul, Minn.; 129 Lafayette, New York, N. Y.; 634 Huron Rd., Cleveland, O.
 Dodsworth Stationery Co., Sam'l, 412-414 W. 10th, Kansas City, Mo.
 Donaldson Lithograph Co., 6th & Washington, Newport, Ky.
 Dow Co., Louis F., 2242 University Ave., St. Paul, Minn.
 Drew Co., The H. & W. B., 22-30 W. Bay, Jacksonville, Fla.
 Falconer Co., 414 Water, Baltimore, Md.
 Farnham Printing & Stationery Co., 417-419 Hennepin Ave., Minneapolis, Minn.
 Foote & Davies Co., Edgewood & Pryor, Atlanta, Ga.
 Ft. Wayne Ptg. Co., 119-130 Holman, Ft. Wayne, Ind.
 Gast Bank Note Co., 4189 Chippewa, St. Louis, Mo.
 Hadley Co., Charles R., 330 N. Los Angeles, Los Angeles, Calif.
 Hall Co., J. C., 68 W. Exchange, Providence, R. I.
 Hall Lithographing Co., 623 Kansas Ave., Topeka, Kan.
 Hammond Printing Co., 101-5 E. 5th, Fremont, Neb.
 Hesse Envelope & Litho. Co., 4175 N. Kings Highway, St. Louis, Mo.
 Hutson & Co., C. S., 555-561 S. San Pedro, Los Angeles, Cal.
 Irwin-Hodson Co., 115 N. 15th, Portland, Ore.
 Isler-Tompsett Litho. Co., 2940 Benton, St. Louis, Mo.
 Joplin Printing Co., Inc., 509 Joplin, Joplin, Mo.
 Kennedy Printing Co., 609-611 Monroe, Fredonia, Kan.
 Levey Printing Co., State House Square, Indianapolis, Ind.
 Long Island Printing & Lithographing Co., Inc., 137 Jackson, Hempstead, N. Y.
 Mann Co., Wm., 639 Market, Philadelphia, Pa.
 Miller-Davis Co., 219 S. 4th, Minneapolis, Minn.
 Myself-Rollins Bank Note Co., 500 Sansome, San Francisco, Cal.
 Northern Bank Note Co., 2340 N. Racine Ave., Chicago, Ill.
 Pavey Envelope & Tag Co., 36 Green, Newark, N. J.
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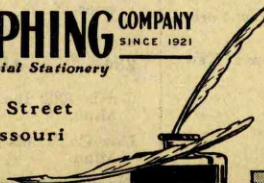
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 Razell, Mfg. Co., H. G., 710 S. 12th, Milwaukee, Wis.
 Red Wing Adv. Co., Red Wing, Minn.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Reserve Litho. & Ptg. Co., Caxton Bldg., Cleveland, Ohio.
 Reynolds & Reynolds Co., Washington & Dudley, Dayton, Ohio.
 Schmidt Lithograph Co., 461 Second, San Francisco, Cal.
 Skinner & Kennedy, St. Louis, Mo.
 Smith-Brooks Ptg. Co., 1733-47 California, Denver, Colo.
 Smith Co., Oscar T., & Son, 407-11 E. Saratoga, Baltimore, Md.
 Smith Ptg. Co., 225 E. 3d, Williamsport, Pa.
 Southern States Ptg. Co., Inc., 117 So. Hill St., Griffin, Ga.
 Standard Bank Note Co., 351 E. Ohio, Chicago, Ill.
 Standard Printing Co., 201-205 N. 3d, Hannibal, Mo.
 Stephens Litho. & Engraving Co., 420 N. 2d, St. Louis, Mo.
ST. LOUIS LITHOGRAPHING CO., 312 N. Third, St. Louis, Mo.
 Swinney Ptg. Co., Fort Branch, Ind.
 Thompson & Co., Arthur, 109 Market Place, Baltimore, Md.
 The Todd Co., 1185, University Ave., Rochester, N. Y.
 Toof & Co., S. C., 195 Madison, Memphis, Tenn.
 United States Check Book Co., 1309-1315 Howard, Omaha, Neb.
 Van Clief Lithographing Co., 2708 Wabash Ave., Chicago, Ill.
 Walker, Evans & Cogswell Co., Charleston, S. C.
 Walker Litho. & Ptg. Co., 114 W. 4th, Dayton, O.
 Western Lithograph Co., 600 E. 2d, Los Angeles, Cal.
 Western Lithograph & Office Supply Co., Wichita, Kans.
 Woodbury & Co., Inc., Chadwick Sq., Worcester, Mass.
 Young & Selden Co., 224 N. Calvert, Baltimore, Md., Philadelphia and Pittsburgh.

LOAN REGISTERS
 (See Registers, Note and Loan)

248 LOCKERS, STEEL

All-Steel-Equip Company, Aurora, Ill.
 Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Cramer Brothers Safe Co., 1417 McGee, Kansas City, Mo.
 Diebold Safe & Lock Co., Canton, O.
 Durabilt Steel Locker Co., Aurora, Ill.
 General Fireproofing Co., Youngstown, Ohio.
 The Globe-Wernicke Co., Carthage, Cincinnati, O.
 Hart & Hutchinson Co., New Britain, Conn.
 Lyon Metal Products, Inc., Aurora, Ill.
 Medart Mfg. Co., Fred, 3535 DeKalb, St. Louis, Mo.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Terrell's Equipment Co., Grand Rapids, Mich.
 Yawman & Erbe Mfg. Co., Rochester, N. Y.

249 LOCK INSPECTION, TIME

Bank Vault Inspection Co., 5 South 18th, Philadelphia, Pa.
 Diebold Safe & Lock Co., Canton, Ohio.
 Hunt Co., Robt. W., 175 W. Jackson Blvd., Chicago, Ill.
MOSLER LOCK CO., Covington, Ky. Branches: Chicago, Kansas City, Pittsburgh.
YALE & TOWNE MFG. CO., Stamford, Conn.

250 LOCKS

Corbin Cabinet Lock Co., New Britain, Conn.
 Corbin, P. & F., Park, New Britain, Conn.
 Diebold Safe & Lock Co., Canton, O.
 Holmes Electric Protective Co., 370 7th Ave., New York, N. Y.
 Mosler Safe Co., Hamilton, Ohio.
 Sargent & Greenleaf, Inc., 1176 Joseph Ave., Rochester, N. Y.
 Western Wire & Iron Works, Inc., 951 W. 18th Place, Chicago, Ill.
 Yale & Towne Mfg. Co., Stamford, Conn.

251 LOCKS, COMBINATION

Diebold Safe & Lock Co., Canton, Ohio.
 Mosler Lock Co., Covington, Ky.
 Sargent & Greenleaf, Inc., 1176 Joseph Ave., Rochester, N. Y.
 Yale & Towne Mfg. Co., Stamford, Conn.

LOCKS, SAFE DEPOSIT
 (See Locks, Combination)

252 LOCKS, SAFETY VAULT

American Lock Works, First Nat'l Bk. Bldg., Ft. Dodge, Iowa.
 Cramer Bros. Safe Co., 1417 McGee, Kansas City, Mo.
 Diebold Safe & Lock Co., Canton, Ohio.
 Duplex Electric Co., 71-73 Grand, New York, N. Y.
 Norris Safe & Lock Co., 114 Third Ave., S., Seattle, Wash.
 Yale & Towne Mfg. Co., Stamford, Conn.

253 LOCKS, TIME

Diebold Safe & Lock Co., Canton, Ohio.
 Mosler Lock Co., Covington, Ky.
 Mosler Safe Co., Hamilton, Ohio.
 Sargent & Greenleaf, Inc., 1176 Joseph Ave., Rochester, N. Y.
YALE & TOWNE MFG. CO., Stamford, Conn.

LOOSE LEAF BINDERS
 (See Binders, Loose Leaf)

LOOSE LEAF EQUIPMENT
 (See Devices and Supplies, Loose Leaf; also specific headings)

M

MACHINE BOOKKEEPING FORMS
 (See Forms, Machine Bookkeeping)

254 MACHINES, ACCOUNT FINDING

Elliott-Fisher Co., 342 Madison Ave., New York, N. Y.
 United Accounting Machine Co., 716 Sidney, St. Louis, Mo.

255 MACHINES, ACCOUNTING

Gardner Co., Orange, N. J.

256 MACHINES, ADDING

Allen-Wales Corp., 233 Spring, New York, N. Y.
 Automatic Adding Machine Co., 63 W. 24th, New York, N. Y.
 Burroughs Adding Machine Co., 6071 Second Blvd., Detroit, Mich.
 Ellis Adding Typewriter Co., 338 Elizabeth Ave., Newark, N. J.
 General Office Equipment Corp., 342 Madison Ave., New York, N. Y.
 International Payroll Machine Co., 4940 Rorer, Philadelphia, Pa.
 Monroe Calculating Machine Co., Inc., 555 Mitchell, Orange, N. J.
 Powers Accounting Machine Corp., 374 Broadway, New York, N. Y.
 Reliable Typewriter & Adding Machine Corp., 303 W. Monroe, Chicago, Ill.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Todd Co., 1185 University, Rochester, N. Y.
 Underwood Typewriter Co., New York, N. Y.
 Ve-Po-Ad Co. (Division of Reliable Adding Machine Corp.), 303 W. Monroe, Chicago, Ill.
 Victor Adding Machine Co., 3900 N. Rockwell, Chicago, Ill.

257 MACHINES, ADDRESSING

Addressograph-Multigraph Corp., Euclid, O.
 Elliott Addressing Machine Co., 143 Albany, Cambridge, Mass.
 Pollard-Alling Mfg. Co., 224 W. 19th, New York, N. Y.
 Selectograph Co., 1061 W. 35th, Chicago, Ill.
 Wallace Addressing Machine Co., New York, N. Y.

258 MACHINES, BALING, CURRENCY

Economy Baler Co., Ann Arbor, Mich.

259 MACHINES, BALING, WASTE PAPER

Economy Baler Co., Ann Arbor, Mich.
 Logeman Bros. Co., 3106 Burleigh, Milwaukee, Wis.
 Shaw-Welsh & Co., 557 S. Cherry, Galesburg, Ill.
 Union Paper & Twine Co., 116 St. Clair Ave., N.W., Cleveland, Ohio.

260 MACHINES, BILLING

Burroughs Adding Machine Co., 6071 Second Blvd., Detroit, Mich.
 Ellis Adding Typewriter Co., 338 Elizabeth Ave., Newark, N. J.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Underwood Typewriter Co., New York, N. Y.

261 MACHINES, BINDING

Buchan-White Loose Leaf Co., 1906 Pine, St. Louis, Mo.
 McBee Binder Co., Smith, Athens, Ohio.

262 MACHINES, BOOKKEEPING

Allen-Wales Corp., 233 Spring, New York, N. Y.
 Burroughs Adding Machine Co., 6071 Second Ave., Detroit, Mich.
 Ellis Adding Typewriter Co., 338 Elizabeth Ave., Newark, N. J.
 General Office Equipment Corp., 342 Madison Ave., New York, N. Y.
 National Cash Register Co., Dayton, Ohio.
REMINGTON RAND BUSINESS SERVICE, Buffalo, N. Y.
 United Accounting Machine Co., 716 Sidney, St. Louis, Mo.

263 MACHINES, CALCULATING

Allen-Wales Corp., 233 Spring, New York, N. Y.
 Burroughs Adding Machine Co., 6071 Second Ave., Detroit, Mich.
 Ralph C. Coxhead, Corporation, 22 Park Place, New York, N. Y.
 Ellis Adding Typewriter Co., 338 Elizabeth Ave., Newark, N. J.
 Ensign Electric Calculating Co., 387 Broadway, New York, N. Y.
 International Business Machines Corp., 50 Broad, New York, N. Y.
 Lanston Monotype Machine Co., 24th & Locust, Philadelphia, Pa.
 Marchant Calculating Machine Co., 4th & Powell, Oakland, Calif.
 Meilicke Systems, Inc., 3466 N. Clark, Chicago, Ill.
 Monroe Calculating Machine Co., Inc., 555 Mitchell, Orange, N. J.
 Reliable Typewriter & Adding Machine Corp., 303 W. Monroe, Chicago, Ill.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Swanson Calculating Co., 300 W. Adams, Chicago, Ill.
 Victor Adding Machine Co., 3900 N. Rockwell, Chicago, Ill.

MACHINES, CALCULATING INTEREST
 (See Calculators, Time & Interest)

MACHINES, CANCELLING, BOND & COUPON

(See Machines, Cancelling, Check)

264 MACHINES, CANCELLING, CHECK

Advance Standard Perforator Co., San Fernando Bldg., Los Angeles, Calif.
AMERICAN PERFORATOR CO., 612 W. Jackson, Chicago, Ill. (See our adv. on page 24)
 Cummins Perforator Co., 4740 Ravenswood, Chicago, Ill.

MACHINES, COIN CHANGING
 (See Coin Changers)

265 MACHINES, COIN COUNTING

(Also see Coin Counting Machines)
 Abbott Coin Counter Co., 143d & Wales, New York, N. Y.
 Downey Co., C. L., 941 Clark, Cincinnati, Ohio.
 Kloppe Engineering Works, 17185 Ryan Rd., Detroit, Mich.
 Pneumatic Scale Corp., Ltd., 56 New Port Ave., Norfolk Downs, Mass.
 Sattley Co., 657 Mt. Elliott Ave., Detroit, Mich.
 Schwartz Sortograph Co., Elkhart Lake, Wis.
STANDARD-JOHNSON CO., INC., 871 Pacific, Brooklyn, N. Y. (See our adv. on page 25.)

MACHINES, COIN SORTING
 (See Machines, Coin Counting)

MACHINES, DATING
 (See Stamps, Dating)

266 MACHINES, DEPOSIT RECEIVING

American Banking Machine Corp., 207 Eddy Bldg., Saginaw, Mich.

267 MACHINES, DICTATING

The Dictaphone Corp., Graybar Bldg., New York, N. Y.
 "Ediphone" Edison, Inc., Thomas A., Orange, N. J.

MACHINES, DUPLICATING
 (See Duplicators)

MACHINES, EYELET
 (See Eyelet Machines & Eyelets)

MACHINES, FILING
 (See Machines, Account Finding)

268 MACHINES, FOLDING

Addressograph-Multigraph Corp., Euclid, O.

269 MACHINES, INTEREST COMPUTING

Meilicke Systems, Inc., 3466 N. Clark, Chicago, Ill.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.

270 MACHINES, MAILING, PERMIT (METER)

Pitney-Bowes Postage Meter Co., Stamford, Conn.
 Postage Meter Co., 723 Pacific, Stamford, Conn.
 Whitlock Mfg. Co., 530 W. 6th, Los Angeles, Calif.

271 MACHINES, MAILING, PERMIT (NON-METER)

International Postal Supply Co., 634 Prospect, Brooklyn, N. Y.
 Pitney-Bowes Postage Meter Co., Stamford, Conn.
 Standard Mailing Machines Co., Everett, Mass.

272 MACHINES, NUMBERING

Acme Stamp Co., 1100 Prospect Ave., Cleveland, O.
 American Numbering Machine Co., 220 Shepherd, Brooklyn, N. Y.
 Bates Mfr. Co., Orange, N. J.
 Force & Co., Inc., Wm. A., 105 Worth, New York, N. Y.
 Gibson Co., Inc., A. C., 70 Oak, Buffalo, N. Y.
 Martin & Co., 227 W. Madison, Chicago, Ill.
 Melind Co., Louis, 362 W. Chicago Ave., Chicago, Ill.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 The Sachs Lawlor Co., 1542 Larimer, Denver, Colo.
 Safford Stamp Works, 205 W. Madison, Chicago, Ill.
 Swisher Mfg. Co., R. D., 411-13 S. Clinton, Chicago, Ill.

273 MACHINES, PERFORATING
AMERICAN PERFORATOR CO., 612 W. Jackson, Chicago, Ill. (See our adv. on page 24)
 Cummins Perforator Co., 4740 Ravenswood Ave., Chicago, Ill.

MACHINES, PERMIT MAILING
 (See Machines, Mailing, Permit)

274 MACHINES, SCRUBBING
 Finnell System, Inc., Elkhart, Ind.
 Floorala Corp., 480 Salem Ave., York, Pa.

275 MACHINES, SEALING, ENVELOPE
 (See also Machines, Mailing, Permit)
 Bircher Co., Inc., 192 Mill St., Rochester, N. Y.
 Brown Mfg. Co., M. J., 2671 Salmon, Philadelphia.
 Multipost Co., 51 Centre Pk., Rochester, N. Y.
 Office Appliance Co., 191-195 Devonshire, Boston, Mass.
 Postage Meter Co., 723 Pacific, Stamford, Conn.
 Pittsburgh Typewriter & Supply Co., 339 5th Ave., Pittsburgh, Pa.
 Standard Mailing Machines Co., 1935 Parkway, Everett, Mass.

276 MACHINES, SEALING, GUMMED TAPE
 Package Binder Co., (The), Commonwealth Bldg. Annex, Pittsburgh, Pa.
 Union Paper & Twine Co., 116 St. Clair Ave., N.W., Cleveland, Ohio.

277 MACHINES, SIGNATURE SIGNING
 The American Perforator Co., 612 W. Jackson Blvd., Chicago, Ill.
 Hedman Mfg. Co., 1158 Center, Chicago, Ill.
 Todd Co., 1185 University Ave., Rochester, N. Y.

MACHINES, STAMP AFFIXING
 (See Stamp Affixers)

278 MACHINES, STAPLING
 Aome Staple Company, 1640 Hadden Ave., Camden, N. J.
 Adams-Lessack Co., The, 1507 Arch St., Philadelphia, Pa.
 Bates Mfg. Co., Orange, N. J.
 Compo Manufacturing & Sales Co., Westport, Conn.
 Eveready Mfg. Co., of Boston, 50 Church St., New York, N. Y.
 Hoge Mfg. Co., Inc., 23 E. 21st, New York, N. Y.
 Hotchkiss Sales Co., 10 Hoyt, Norwalk, Conn.
 Neva-Clog Products Inc., 636 Water, Bridgeport, Conn.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Sibley Mfg. Co., Inc., Edw. L., Bennington, Vt.

279 MACHINES, STENCIL
 Addressograph-Multigraph Corp., Euclid, O.
 Bankers Savings & Credit System Co., 10302 Madison Ave., Cleveland, O.

MACHINES, TABULATING
 (See Machines, Adding; Machines, Calculating)

MAGAZINE RACKS
 (See Racks, Magazine & Newspaper)

280 MAGAZINES, BANKING
BANKERS SERVICE BULLETIN, THE., 536 S. Clark St., Chicago, Ill.
BANKERS MONTHLY, THE, 536 S. Clark St., Chicago, Ill.

MAILING BAGS
 (See Bags, Mailing)

MANIFOLD FORMS
 (See Forms, Continuous)

281 MANIFOLDING DEVICES
 Dupli-Typer Sales Co., 11 West 42d, New York, N. Y.

282 MAPS, AUTO TRAILS
RAND McNALLY & CO., 536 S. Clark St., Chicago, Ill.

MARBLE FIXTURES
 (See Fixtures, Marble)

283 MATCHES, BOOK
 American Match Co., 75 E. Wacker Drive, Chicago, Ill.
 General Match Co., Cincinnati, Ohio.
 Lion Match Co., Inc., 250 W. 57th, New York, N. Y.

MEMO BOOKS
 (See Books, Memo.)

284 MEMORANDUM DEVICES
 Mergott Co., J. E., 316 Jelliff Ave., Newark, N. J.
 Seymour Product Co., Seymour, Conn.

METERED MAIL
 (See Machines, Mailing, Permit)

285 MOISTENERS, ENVELOPE & STAMP
 Liberty Paper Co., Inc., 203 Lafayette, New York.

286 MONEY CONTAINERS
 Handford Brown Co., Coytesville-on-the-Hudson, N. J.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.

MOTION PICTURE ADVERTISING
 (See Advertising, Motion Picture)

287 MUCILAGE
 Carter's Ink Co., 239 First, Cambridge, Mass.
 Keller Ink Co., Robert, 1441 Brooklyn Ave., Detroit, Mich.
 Sanford Ink Co., 846 W. Congress, Chicago, Ill.
 Scriptex Ink & Paste Co., 519-521 S. Second, Philadelphia, Pa.
 Weis Mfg. Co., Union, Monroe, Mich.

288 MULTIGRAPHS
 (See also Duplicators)
 Addressograph-Multigraph Corp., Euclid, O.

289 MULTISTAMPS
 Multistamp Co., Inc., Norfolk, Va.

N

290 NAMEPLATES
 Aome Stamp Co., 1100 Prospect Ave., Cleveland, Ohio.
 American Iron & Wire Works, 1621 Carroll, Chicago, Ill.
 Art in Bronze Co., 1621 E. 41st, Cleveland, Ohio.
 Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Atlas Bronze Mfg. Co., 2640 N. Maplewood Ave., Chicago, Ill.
 Bankers Savings & Credit System Co., 10302 Madison Ave., Cleveland, O.
 Banthrico Inc., 2944 W. Lake, Chicago, Ill.
 Brakmeier Bros., 112 S. 4th Ave., Louisville, Ky.
 Chicago Architectural Bronze Co., 1948 W. Ohio, Chicago, Ill.
 Chicago Thrift Co., 1100 Washington Blvd., Chicago, Ill.
 Clark Mfg. Co., R. W., 4311 Ravenswood Ave., Chicago, Ill.
 Davenport-Taylor Corp., 412 Orleans, Chicago, Ill.
 Dobie & Co., Arthur L., 523 N. Halsted, Chicago, Ill.
 Faries Mfg. Co., 1036 E. Grand Ave., Decatur, Ill.
 Flour City Ornamental Iron Co., 27th Ave. & 27th St., Minneapolis, Minn.
 The Fogarty Manufacturing Co., 800 Monument Ave., Dayton, Ohio.
 Guth Co., Edwin F., 2615 Washington, St. Louis, Mo.
 Imperial Brass Mfg. Co., 1200 W. Harrison, Chicago, Ill.
 Matthews & Co., Jas. H., 3942 Forbes, Pittsburgh, Pa.
 Gus D. Messing, 315 Jackson, St. Paul, Minn.
 Meyercord Co. (The), 120 S. La Salle, Chicago, Ill.
 Michaels Art Bronze Co., Inc., 230-240 Scott, Covington, Ky.
 Newman Mfg. Co., Cleneay Ave. & N. & W. R. R., Cincinnati, O.
 Oregon Brass Works, 2d & Everett, Portland, Ore.
 Philadelphia Enameling Works, 254 N. 13th, Philadelphia, Pa.
 Price Bros. Inc., 2644 N. Maplewood, Ave., Chicago, Ill.
 Rawson & Evans Co., 710 Washington Blvd., Chicago, Ill.
 Safford Stamp Works, 205 W. Madison, Chicago, Ill.
 Supersine Co. of America, 200 Murray, Ft. Wayne, Ind.
 Swisher Mfg. Co., R. D., 413 S. Clinton, Chicago, Ill.
 Tablet & Ticket Co., 1021 W. Adams, Chicago, Ill.
TWENTIETH CENTURY CO., 542 S. Dearborn, Chicago, Ill.
 Tyler Co., W. S., 36th & Superior, Cleveland, O.
 Usona Mfg. Co., 3512 Chateauf, St. Louis, Mo.
 Viking Products Corp., 422 W. 42d, New York, N. Y.
 Williams, Inc., Jno., 542 W. 27th, New York, N. Y.
 Zimmerman Bros. & Co., 4020 Michigan Ave., Chicago, Ill.

NEOSTYLES
 (See Duplicators)

NEW ACCOUNT SERVICE
 (See Personal Solicitation)

NEWSPAPER ADVERTISING
 (See Advertising Service)

291 NEWSPAPER CLIPPINGS
 Consolidated Press Clipping Bureau, 431 S. Dearborn, Chicago, Ill.
 United States Press Clipping Bureau, 538 S. Clark, Chicago, Ill.

292 NOVELTIES, CELLULOID
 Adcraft Manufacturing Co., 2448-56 W. 22d, Chicago, Ill.
 Brown & Bigelow, Quality Park, St. Paul, Minn.
 Follis Advertising Service, W. E., 159 N. State, Chicago, Ill.

293 NOVELTIES, CLOTH
 Advertising Specialty Co., 609 Ryan Bldg., St. Paul, Minn.
 Follis Advertising Service, W. E., 159 N. State, Chicago, Ill.
 Strayer Coin Bag Co., 1028 4th Ave., Brighton, Pa.
 Van Clief Lithographing Co., 2708 Wabash Ave., Chicago, Ill.

294 NOVELTIES, LEATHER
 Advertising Specialty Co., 609 Ryan Bldg., St. Paul, Minn.
 American Bank Supply Co., 628 N. Illinois, Indianapolis, Ind.
 American Beauty Cover Co., 1900 Orange, Dallas, Tex.
 Broderick Co., 460 Robert, St. Paul, Minn.
 Brown & Bigelow, Quality Park, St. Paul, Minn.
 Buckeye Leather Co., 946 Chestnut, Coshocton, O.
 Dow Co., Louis F., 2242 University Ave., St. Paul, Minn.
 Ferree Co. E. H., Lockport, N. Y.
 Follis Adv. Service, W. E., 159 N. State, Chicago, Ill.
 The Gerlach-Barklow Co., Joliet, Ill.
 Leather Products Co., 201 South, Iola, Kan.
 Meeker Co., Inc., 3d & Michigan, Joplin, Mo.
 Murphy Co., The Thos. D., 110 S. 2nd, Red Oak, Iowa.
 National Bank Supply Co., Inc., 60 Spring, New York, N. Y.
 Novelty Adv. Co., Coshocton, Ohio.
 Oliver Baker Mfg. Co., 420 S. 7th, Minneapolis, Minn.
 Osborne Co., 759 Summer Ave., Newark, N. J.
 Robinson Manufacturing Co., Westfield, Mass.
 Seelman & Sons Co., Geo., 337 Seventh, Milwaukee, Wis.
 Universal Check Cover Co., 418 Linn, Springfield, Ohio.
 Van Clief Lithographing Co., 2708 Wabash, Chicago, Ill.
 Weinman Bros., 305 W. Adams, Chicago, Ill.
 Young & Gardner Co., 655 S. Wells, Chicago, Ill.
 Zell, Inc., D. H., 536 Broadway, New York, N. Y.

295 NOVELTIES, METAL
 Adcraft Manufacturing Co., 2448-56 W. 22d, Chicago, Ill.
 Brown & Bigelow, Quality Park, St. Paul, Minn.
 Follis Adv. Service, W. E., 159 N. State, Chicago, Ill.
 Martin Co. (The), Frank, Marshall Bldg., Cleveland, Ohio.
 Mayer Mfg. Corp., 1436 Randolph, Chicago, Ill.
 Rehberger Mfg. Co., 1217 Webster Ave., Chicago, Ill.
 Robbins Co., The, Hazel & School, Attleboro, Mass.
 Shaw Advertising Co., 520 Produce Exch. Bldg., Kansas City, Mo.

296 NOVELTIES, PAPER
 Brown & Bigelow, Quality Park, St. Paul, Minn.
 Follis Adv. Service, W. E., 159 N. State, Chicago, Ill.
 Osborne Co., 759 Summer Ave., Newark, N. J.
 Tablet & Ticket Co., 1021 W. Adams, Chicago, Ill.
 Walraven Book Cover Co., Dallas, Tex.

NUMBERING MACHINES
 (See Machines, Numbering)

O

OFFICE LAYOUTS
 (See Engineers, Equipment)

297 OMNIBUSES, VAULT
 Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Automatic File & Index Co., 427 W. Randolph, Chicago, Ill.
 Berzer Mfg. Co., 1038 Belden Ave., Canton, Ohio.
 Brown-Morse Company, Muskegon, Mich.
 Canton Art Metal Co., 2820 Winfield Way, N. E., Canton, O.
 Cary Safe Co., 1290 Niagara, Buffalo, N. Y.
 Collins Safe & Fixture Co., W. D., 513 W. Main, Dennison, Tex.
 Colson Company, Elyria, O.
 Davidson Co., J. L., 632-648 Mateo, Los Angeles, Cal.
 Edwards Co., Inc., O. M., Solar & Plum, Syracuse, N. Y.
 General Fireproofing Co., Youngstown, Ohio.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Herring-Hall-Marvin Safe Co., Grand Blvd., Hamilton, Ohio.
 Jamestown Metal Equipment Co., Inc., 1088 Allen, Jamestown, N. Y.
 Le Febure Corp., Cedar Rapids, Iowa.
 Macey Co., The, 1520 Division Ave., S., Grand Rapids, Mich.
 Mack Trucks, Inc., 25 Broadway, New York, N. Y.
 National Safe & Lock Co., 2345 E. 69th, Cleveland, Ohio.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Shaw-Walker Co., The, Muskegon, Mich.
 Standard Pressed Steel Co., Jenkintown, Pa.
 Steel Equipment Corp., Avenel, N. J.
 Steel Fixture Mfg. Co., E. 7th & Adams, Topeka, Kan.
 Toledo Metal Furniture Co., 1100 Hastings, Toledo, Ohio.
 Watson Mfg. Co., Jamestown, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

OUTDOOR ADVERTISING
 (See Advertising, Poster and Billboard; also Signs)

P

298 PADS, BLOTTER
 (See also Pads, Desk and Supplies)
 Young & Selden Co., 224 N. Calvert, Baltimore, Md.

299 PADS, DESK
 Mayer Mfg. Corp., 1436 Randolph, Chicago, Ill.
 Modern Mfg. Co., Inc., 448 N. Wells, Chicago, Ill.
 Office Efficiency Distributors Co., 200 Davis, San Francisco, Cal.
 Polar Mfg. Co., 401 N. Broad, Philadelphia, Pa.
 Ravenswood Office Specialties Co., 1800 Newport Ave., Chicago, Ill.
 Sainberg & Co., Inc., 37-43 West 26th, New York, N. Y.
 Stationers Specialty Corp., 151 Lafayette, New York, N. Y.
 Superior Office Specialty Co., 544 W. Lake, Chicago, Ill.

300 PADS, DESK, CALENDAR
 Brown & Bigelow, Quality Park, St. Paul, Minn.
 Metropolitan Syndicate Press, 120 N. Jefferson, Chicago, Ill.
 National Art Works, Inc., 710 Greer Ave., Covington, Ky.
 Osborne Co., 759 Summer Ave., Newark, N. J.
 Robinson Manufacturing Co., 171 Elm, Westfield, Mass.
 Shedd-Brown Mfg. Co., 319 Fifth Ave. So., Minneapolis, Minn.
 Twentieth Century Co., 542 S. Dearborn, Chicago, Ill.
 Typo Trading Co., The, 541 Pearl, New York, N. Y.

301 PADS, DESK, GLASS
 California Glass Co., 500 Commercial, Los Angeles, Calif.

302 PADS, MEMO.
 (See also Stationers, Manufacturing)
 The Collytt Laboratories, 565 W. Washington Blvd., Chicago, Ill.
 Currier Mfg. Co., Inc., Northwestern Terminal, Minneapolis, Minn.
 Mayer Mfg. Corp., 1436 W. Randolph, Chicago, Ill.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Robinson Manufacturing Co., 171 Elm, Westfield, Mass.

303 PADS, RUBBER STAMP
 Acme Stamp Co., 1100 Prospect, Cleveland, O.
 Amlac Dry Stencil Corp., 424 Fourth Ave., Pittsburgh, Pa.
 Bankers Savings & Credit System Co., 10302 Madison Ave., Cleveland, O.
 Brakmeier Bros., 112 S. 4th Ave., Louisville, Ky.
 Carter's Ink Co., 239 First, Cambridge, Mass.
 Darling Co., J. C., 734 Kansas Ave., Topeka, Kan.
 Force & Co., Inc., Wm. A., 105 Worth, New York, N. Y.
 Gibson Co., Inc., 70 Oak, Buffalo, N. Y.
 Martin & Co., 227 W. Madison, Chicago, Ill.
 Melind Co., Louis, 362 W. Chicago, Chicago, Ill.
 Moise-Klinkner Co., 369 Market, San Francisco, Cal.
 Nobler Stamp & Seal Co., Inc., 524 S. Dearborn, Chicago, Ill.
 Sachs-Lawlor Co., Inc., 1543 Larimer, Denver, Colo.
 Safford Stamp Works, 205 W. Madison, Chicago, Ill.
 Swisher Mfg. Co., R. D., 411 S. Clinton, Chicago, Ill.

304 PADS, TYPEWRITER
 Sano Typewriter Pad Co., 2nd National Bank Bldg., Wilkes-Barre, Pa.

305 PAPER
 Champion Coated Paper Co., Hamilton, Ohio.

PAPER, ADDING MACHINE
 (See Rolls, Adding Machine)

306 PAPER, CARBON
 American Sales Book Co., Limited, Elmira, N. Y.
 Buckeye Ribbon & Carbon Co., 1458 E. 55th, Cleveland, O.
 Carter's Ink Co., 239 First, Cambridge, Mass.
 Columbia Ribbon & Carbon Mfg. Co., Glen Cove, Long Island, N. Y.
 Crown Ribbon & Carbon Mfg. Co., 782 St. Paul, Rochester, N. Y.
 Ditto, Inc., 2243 W. Harrison, Chicago, Ill.
 Enduro Mfg. Co., 14 Franklin, Rochester, N. Y.
 Hamilton Autographic Register Co., 802 Symmes Ave., Hamilton, Ohio.
 Keelox Mfg. Co., Rochester, N. Y.
 Kensington Supply Co., Inc., 120 East 41st, New York, N. Y.
 Little, Inc., A. P., Rochester, N. Y.
 Miller-Bryant-Pierce Co., 189 S. River, Aurora, Ill.
 Neidich Process Co., Burlington, N. Y.
 Phillips Ribbon & Carbon Co., 61 Halstead, Rochester, N. Y.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Rochester Ribbon & Carbon Co., Rochester, N. Y.
 Smith, L. C., & Corona Typewriters, Inc., 51 Madison, New York, N. Y.
 Storms Co., H. M., 561 Grand Ave., Brooklyn, N. Y.
 Stylograph Corp., The, Scottsville Rd., Coldwater, N. Y.
 United States Pencil Co., 487 Broadway, New York, N. Y.
 Webster Co., F. S., 340 Congress, Boston, Mass.

307 PAPER, GUMMED
 Chicago Gum Tape Co., 855 W. Adams, Chicago, Ill.
 Hall Paper & Specialties Co., Inc., 27 Thames St., New York, N. Y.
 Shuman Co., Frank G., 771 W. Jackson Blvd., Chicago, Ill.
 Union Paper & Twine Co., 116 St. Clair Ave., N. W., Cleveland, Ohio.

308 PAPER, RECORD
 Brown Paper Co., L. L., Adams, Mass.

309 PAPER RULING
 State Paper Ruling Co., 709 S. Dearborn, Chicago, Ill.

310 PAPER, SAFETY
 Chemical Paper Manufacturing Co., foot of Jackson, Holyoke, Mass.
 Gilbert Paper Co., Menasha, Wis.
 Gurney Security Paper Company, Inc., 8th Ave. & 18th St., Brooklyn, N. Y.
 Hammermill Paper Co., Erie, Pa.
LAMONTE & SON, GEO. (National Safety Paper, Bankers Safety Paper, Anchor Safety Paper, Safety Check Paper, etc.), 61 Broadway, New York, N. Y. (See our adv. on inside front and inside back covers).
 Mann Co., Wm., 529 Market, Philadelphia, Pa.
 Northern Bank Note Co., 2340 N. Racine Ave., Chicago, Ill.
 Pacific Northwest Paper Mills, Inc., 287 E. Farragut, Portland, Ore.
 Perfect Safety Paper Co. (Padlock Safety Paper), 102 Winter, Holyoke, Mass.
 Todd Co., 1185 University Ave., Rochester, N. Y.
 Wroe & Co., W. E., 22 W. Monroe, Chicago, Ill.
 Young & Selden Co., 224 N. Calvert, Baltimore, Md.

311 PAPER WEIGHTS
 Aircraft Manufacturing Co., 2448-56 W. 22d, Chicago, Ill.
 Brown & Bigelow, Quality Park, St. Paul, Minn.
 Folis Advertising Service, W. E., 159 N. State, Chicago, Ill.
 Rehberger Mfg. Co., 1217 Webster Ave., Chicago, Ill.
 Sneath Glass Co., Hartford City, Ind.

312 PAPERS, BANK PARCHMENT
 Brown Paper Co., L. L., Adams, Mass.

313 PAPERS, LETTER-HEAD
 Brown Paper Co., L. L., Adams, Mass.

PARCEL POST SCALES
 (See Scales, Parcel Post)

314 PARTITIONS
 Albacross Steel Equipment Co., P. O. Drawer A., Sawtelle, Cal.
 American Fixture Co., 16th & Bellefontaine, Kansas City, Mo.
 American Iron & Wire Works, 1621 Carroll, Chicago, Ill.
 Circle A Products Corp., 613 S. 25th, New Castle, Ind.
 Claus Mfg. Co., A., 5250 Brookpark Rd., Cleveland, Ohio.
 Dahlstrom Metallic Door Co., Buffalo & East 2d, Jamestown, N. Y.
 Globe-Wernicke Co., The, Carthage Ave., Cincinnati, O.
 Hauserman Co., E. F., 6844 Grant, Cleveland, Ohio.
 Jamestown Metal Equipment Co., Inc., 1088 Allen, Jamestown, N. Y.
 Mitchell Mfg. Co., Robt., 2d & John, Cincinnati, O.
 Mount & Robertson, Inc., 62 Broad, New York, N. Y.
 Nachtgall Mfg. Co., 237-45 S. Front, Grand Rapids, Mich.
 Sanymetal Products Co., 1720 Urbana Rd., Cleveland, Ohio.
 Usona Mfg. Co., 3512-26 Chouteau, St. Louis, Mo.
 Watson Mfg. Co., Jamestown, N. Y.
 Wilson Corp., J. G., 11 E. 38th, New York, N. Y.

PASS BOOK JACKETS
 (See Jackets, Pass Book)

315 PASS BOOKS
 Adams-Lessack Co., 1507 Arch, Philadelphia, Pa.
 American Bank Stationery Co., Curtain, Aiken, Hargest & Aisquith Sts., Baltimore, Md.
 American Bank Supply Co., 628 N. Illinois, Indianapolis, Ind.
 American Beauty Cover Co., 1902-8 Orange St., Dallas, Tex.
 Brown, Lent & Pett, Inc., 110 William, New York, N. Y.
 Buth & Co., Inc., W. F., 1005 University, St. Paul, Minn.
 Carriers & Co., 128 N. Wells, Chicago, Ill.
 Commercial Lithographing Co., 825 W. Market, Louisville, Ky.
 Continental Bank-Supply Co., Mexico, Mo.
 Gurtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 Dameron-Pierce Company Ltd., 400 Camp, New Orleans, La.
 Dow Co., Louis F., 2242 University Ave., St. Paul, Minn.
 Economy Adv. Co., Linn & Market, Iowa City, Ia.
 Exline Co., 113 St. Clair Ave., N. E., Cleveland, O.

FT. WAYNE PTG. CO., 119-130 Holman, Ft. Wayne, Ind.
 Gast Bank Note Co., 4189 Chippewa, St. Louis, Mo.
 Hall Co., J. C., 68 W. Exchange, Providence, R. I.
 Huntingdon Bank Book Co., 1205 Washington, Huntingdon, Pa.
 Kennedy Printing Co., 609-611 Monroe, Fredonia, Kan.
 Le Febure Corp., Cedar Rapids, Iowa.
 Levy Printing Co., State House Square, Indianapolis, Ind.
 Long Island Printing & Lithographing Co., Inc., 137 Jackson, Hempstead, N. Y.
 Mann Co., William, 529 Market St., Philadelphia, Pa.
 National Bank Supply Co., Inc., 60 Spring, New York, N. Y.
 Oliver Baker Mfg. Co., 420 S. 7th, Minneapolis, Minn.
 Palmer Corp., Lester W., 14 Thomas, New York, N. Y.
 Pass Book & Check Cover Co., 232 Broadway, Denver, Colo.
 Pettibone & Co., P. F., 27 N. Desplaines, Chicago, Ill.
 Red Wing Adv. Co., Red Wing, Minn.
 Reserve Litho. & Ptg. Co., Caxton Bldg., Cleveland, O.
 Reynolds & Reynolds Co., Washington & Dudley, Dayton, O.
 Richmond & Backus, Woodward at Congress, Detroit, Mich.
 Shaw-Walker Co., The, Muskegon, Mich.
 Schwabacher-Frey Sta. Co., 735 Market, San Francisco, Cal.
 Seelman & Sons, Geo., 337 Seventh, Milwaukee, Wis.
 Shedd-Brown Mfg. Co., 319 Fifth Ave. So., Minneapolis, Minn.
 Stafford-Lowdon Co., 610 W. Daget, Ft. Worth, Tex.
 Stephens Litho. & Engr. Co., 420 N. 2d, St. Louis, Mo.
 Strayer Coin Bag Co., 1028 4th Ave., New Brighton, Pa.
 Thrift Service Co., 2128 Richland Ave., Cleveland, O.
 Todd Co., The, 1185 University Ave., Rochester, N. Y.
 Twentieth Century Co., 542 S. Dearborn, Chicago, Ill.
 United States Check Book Co., 1309-1315 Howard, Omaha, Neb.
 Universal Check Cover Co., 418 Linn, Springfield, Ohio.
 Van Chief Lithographing Co., 2708-12 Wabash Ave., Chicago, Ill.
 Voss Co., Herman, 603 E. Water, Milwaukee, Wis.
 Walker Litho. & Ptg. Co., 114 W. 4th, Dayton, O.
 Weinman Bros., 305 W. Adams, Chicago, Ill.
 Young & Selden Co., 224 N. Calvert, Baltimore, Md., Philadelphia and Pittsburgh.
 Zell, Inc., D. H., 536 Broadway, New York, N. Y.
 Zimmerman Bros. & Co., 4020 Michigan Ave., Chicago, Ill.

316 PASTE, OFFICE
 Carter's Ink Co., 239 First, Cambridge, Mass.
 Higgins & Co., Chas. M., 271 Ninth, Brooklyn, N. Y.
 Keller Ink Co., Robert, 1441 Brooklyn, Detroit, Mich.
 Sanford Ink Co., 846 W. Congress, Chicago, Ill.
 Scriptex Ink & Paste Co., 519 S. Second, Philadelphia, Pa.

317 PENCILS, ADVERTISING
 Advertising Specialty Co., 609 Ryan Bldg., St. Paul, Minn.
 Conklin Pen Co., Factories Bldg., Toledo, Ohio.
 Folis Advertising Service, W. E., 159 N. State, Chicago, Ill.
 Imprint Pencil Co., Inc., 122 Fifth Ave., New York, N. Y.
 Murphy Co., The Thos. D., 110 S. 2nd, Red Oak, Ia.
 North American Pencil Works, 126 S. Clinton, Chicago, Ill.
 Ruxton Multi-Vider Corp., Graybar Bldg., New York, N. Y.
 Scripto Manufacturing Co., 142 Jackson N. E., Atlanta, Ga.
 Twentieth Century Co., 542 S. Dearborn, Chicago, Ill.
 United States Pencil Co., Inc., 487 Broadway, New York, N. Y.
 Wahl Company, 1800 Roscoe, Chicago, Ill.

318 PENCILS, AUTOMATIC
 American Lead Pencil Co., 500 Willow Ave., Hoboken, N. J.
 Autopoint Co., 1801 Foster Ave., Chicago, Ill.
 Brown & Bigelow, Quality Park, St. Paul, Minn.
 Carter's Ink Co., 239 First, Cambridge, Mass.
 Conklin Pen Co., Factories Bldg., Toledo, O.
 Eagle Pencil Company, 703 E. 13th St., New York, N. Y.
 Ruxton Multi-Vider Corp., Graybar Bldg., New York, N. Y.
 Schnell, Penselpen Corp., 130 W. 42d, New York, N. Y.
 Scripto Manufacturing Co., 142 Jackson, N. E., Atlanta, Ga.
 Sheaffer Pen Co., W. A., Ft. Madison, Iowa.
 Wahl Co., The, 1800 Roscoe, Chicago, Ill.

319 PENCILS, LEAD

(See also Supplies)

American Lead Pencil Co., 500 Willow Ave., Hoboken, N. J.
 Dixon Crucible Co., Jos., Wayne & Monmouth, Jersey City, N. J.
 Dur O-Lite Pencil Co., 4541 Ravenswood Ave., Chicago, Ill.
 Eagle Pencil Company, 703 E. 13th St., New York, N. Y.
 Eberhard Faber Pencil Co., 39 Greenpoint Ave., Brooklyn, N. Y.
 General Pencil Co., 67 Fleet, Jersey City, N. J.
 Gordon Pen Co., 450 Palisades, West New York, N. J.
 Imprint Pencil Co., 122 Fifth Ave., New York, N. Y.
 Koh-I-Noor Pencil Co., Inc., 34 E. 23d, New York, N. Y.
 Murphy Co., Thos. D., 110 S. 2d, Red Oak, Ia.
 North American Pencil Works, 126 S. Clinton, Chicago, Ill.
 Parker Pen Co., Janesville, Wis.
 Sheaffer Pen Co., W. A., Ft. Madison, Ia.
 Ullrich & Co., J., 161 Washington, New York, N. Y.
 United States Pencil Co., Inc., 437 Broadway, New York, N. Y.
 Wahl Co., The, 1800 Roscoe, Chicago, Ill.

320 PENHOLDERS

American Lead Pencil Co., 500 Willow Ave., Hoboken, N. J.
 Brown & Bigelow, Quality Park, St. Paul, Minn.
 Eagle Pencil Company, 703 E. 13th St., New York, N. Y.
 Eberhard Faber Pencil Co., 39 Greenpoint Ave., Brooklyn, N. Y.
 Folias Advertising Service, W. E., 159 N. State, Chicago, Ill.
 Imprint Pencil Co., Inc., 122 Fifth Ave., New York, N. Y.
 Martin Co., The Frank, Marshall Bldg., Cleveland, Ohio.
 North American Pencil Works, 126 S. Clinton, Chicago, Ill.
 Twentieth Century Co., 542 S. Dearborn, Chicago, Ill.
 Typo Trading Co., The, 541 Pearl, New York, N. Y.

321 PENS, FOUNTAIN

Carter's Ink Co., 239 First, Cambridge, Mass.
 Conklin Pen Co., Factories Bldg., Toledo, O.
 Eagle Pencil Company, 703 E. 13th St., New York, N. Y.
 Ingersoll Dollar Pen Co., Chas. H., 545 N. Arlington Ave., E. Orange, N. J.
 Moore Pen Co., 29 Melcher, Boston, Mass.
 Parker Pen Co., Janesville, Wis.
 Schnell, Penselpen Corp., 130 W. 42d, New York, N. Y.
 Sengbusch Self-Closing Inkstand Co., 2218 Clybourn, Milwaukee, Wis.
 Sheaffer Pen Co., W. A., Ft. Madison, Iowa.
 Ullrich & Co., J., 161 Washington, New York, N. Y.
 Wahl Company, 1800 Roscoe, Chicago, Ill.
 Waterman Co., L. E., 191 Broadway, New York, N. Y.

322 PENS, STEEL (MFRS.)

American Lead Pencil Co., 500 Willow Ave., Hoboken, N. J.
 Eagle Pencil Company, 703 E. 13th, New York, N. Y.
 Esterbrook Steel Pen Mfg. Co., 10 Cooper, Camden, N. J.
 Graff-Underwood Co., 54 Washburn Ave., Cambridge, Mass.
 New Diamond Point Pen Co., Inc., 333 Hudson, New York City, N. Y.
 Spencerian Pen Co., 349 Broadway, New York, N. Y.
 Turner & Harrison, 1215 Spring Garden, Philadelphia, Pa.

PERFORATORS

(See Machines, Perforating)

PERMIT MAILING MACHINES

(See Machines, Mailing Permit)

323 PERSONAL SOLICITATION (NEW ACCOUNTS)

Bankers Development Corp., 31 Nassau, New York, N. Y.
 Bankers Service Corp., 19 Warren, New York, N. Y.
 Banthrico Inc., 2944 W. Lake, Chicago, Ill.
 Haines Mfg. Co., 84 Exchange, Rochester, N. Y.
 Jeffcott & Co., 421 Chestnut, Philadelphia, Pa.
MASTER THRIFT SYSTEM, INC., 740 N. Plankinton Ave., Milwaukee, Wis.
 National Service Organization, Inc., 1427 I (Eye) N. W., Washington, D. C.
 Savings Service Co., The, 1587 E. Blake, Columbus, O.
 Smith Associates, Inc., T. Harris, 231 S. La Salle, Chicago, Ill.
 Statter Bros., A. J. G., 2514 Delaware Ave., Buffalo, N. Y.

324 PHOTOSTATS

Photostat Corporation, 10 Weybosset St., Providence, R. I.
 Recordak Corporation, 350 Madison Ave., New York, N. Y.

325 PINS, MAP

RAND McNALLY & CO., 536 S. Clark, Chicago, Ill.

326 PNEUMATIC TUBES

Lamson Co., Syracuse, N. Y.

PORTFOLIOS

(See Leather Goods)

POSTAL SCALES

(See Scales)

POSTERS

Bankers Service Corp., 19 Warren, New York, N. Y.
 Banthrico Inc., 2944 W. Lake, Chicago, Ill.
 Bauder-Baker, 225 N. Michigan Ave., Chicago, Ill.
 Blodgett Co., Harvey, 551 5th Ave., New York, N. Y.
 Davis Bulletin Co., Inc., The, Lock St., Buffalo, N. Y.
 Donaldson Lithograph Co., 6th and Washington, Newport, Ky.
 Elliott Service Co., Inc., 242-250 W. 55th, New York, N. Y.
 Meyercood Co. (The), 120 S. La Salle, Chicago, Ill.
 National Service Bureau of New York, Inc., P. O. Box 121, Middletown, N. Y.
 Onli-Wa Fixture Co., St. Paul Ave., Dayton, Ohio.
 Price & Co., Inc., Henry F., 15 E. 40th, New York, N. Y.
 Runsey Corp., 250 W. 54th, New York, N. Y.
 Schmidt Lithograph Co., 461 Second, San Francisco, Cal.
 Smith Co., K. L., 1486 Union Tr. Bldg., Cleveland, Ohio.
 Sunset System, 2323 Broadway, San Antonio, Tex.

PREMIUMS

(See Specialties Advertising, also specific headings)

PRESS CLIPPINGS

(See Newspaper Clippings)

PRESSES, SEAL

Downey Co., C. L., 941 Clark, Cincinnati, Ohio.
 Porter Safety Seal Co., 267 N. California Ave., Chicago, Ill.
 Safford Stamp Works, 205 W. Madison, Chicago, Ill.

329**PRINTING**

(See also specific headings)

Adams Lithographing & Printing Co., 116 W. 2d, Pine Bluff, Ark.
 Allen-Marshall Co., Ivan, 40 Marietta, Atlanta, Ga.
 American Bank Stationery Co., Curtain, Aiken, Hargest & Aisquith Sts., Baltimore, Md.
 American Bank Supply Co., 628 N. Illinois, Indianapolis, Ind.
BARNARD STATIONERY CO., GEO. D., Vandeventer & Laclede Aves., St. Louis, Mo.
 Beach Ptg. Co., Will A., 235 N. Phillips Ave., Sioux Falls, S. D.
 Benson & Sons, Inc., Benj. D., 11 Cliff, New York, N. Y.
 Brandon Printing Co., Nashville, Tenn.
 Brown-Blodgett Co., 1745 University Ave., St. Paul, Minn.
 Brown, Lent & Pett, Inc., 110 William, New York, N. Y.
 The Burke Printing Co., Fredonia, Kan.
 Bushong & Co., Inc., Park & Stark, Portland, Ore.
 Buxton & Skinner Ptg. & Sta. Co., 306 N. 4th St., St. Louis, Mo.
 Central Banknote Co., 319 N. Albany, Chicago, Ill.
 Childs & Co., S. D., 136 S. Clark, Chicago, Ill.
 Clarke & Courts, 2402 Mechanic, Galveston, Tex.
 Cookrum Printing Co., J. W., Oakland City, Ind.
 Columbian Bank Note Co., 500 S. Ashland, Chicago, Ill.
 Commercial Lithograph Co., 825 W. Market, Louisville, Ky.
 Courier-Journal Job Printing Co., 316-328 W. Liberty, Louisville, Ky.
 Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 Dameron-Pierson Company, Ltd., 400 Camp, New Orleans, La.
 Donnelley & Sons Co., R. R., 350 E. 22nd, Chicago, Ill.
 Doubleday Bros. & Co., 241 E. Michigan Ave., Kalamazoo, Mich.
 Dow Co., Louis F., 2242 University Ave., St. Paul, Minn.
 Drew Co., The H. & W. B., 22-30 W. Bay, Jacksonville, Fla.
 Du Bois Press, 151 Broadway, Rochester, N. Y.
 Exline Co., 113 St. Clair Ave., N. E., Cleveland, O.
 Farnham Printing & Stationery Co., 417-419 Hennepin, Minneapolis, Minn.
 Flammang & Grahl Blank Book Co., 318 N. Third, St. Louis, Mo.
 Foote & Davies Co., Edgewood & Pryor, Atlanta, Ga.
FORT WAYNE PRINTING CO., 119-130 Holman, Fort Wayne, Ind.
 Griffith-Stillings Press, 368 Congress, Boston, Mass.
 Hadley Co., Charles R., 330 N. Los Angeles, Los Angeles, Calif.
 Hall Co., J. C., 68 W. Exchange, Providence, R. I.
 Hall Lithographing Co., 623 Kansas Ave., Topeka, Kan.
Hammond Printing Co., 101-5 E. 5th, Fremont, Neb.
 Hutsen & Co., C. S., 555-561 S. San Pedro, Los Angeles, Calif.
 Irwin-Hodson Co., 115 N. 15th, Portland, Ore.
 The Joplin Printing Co., Inc., 509 Joplin, Joplin, Mo.
 Kansas Bank Note Co., Fredonia, Kan.
 Kennedy Printing Co., 609-611 Monroe, Fredonia, Kan.
 Klipto Loose Leaf Co., 15-17 S. Delaware, Mason City, Iowa.
 Le Febure Corporation, Cedar Rapids, Ia.
 Levey Printing Co., State House Square, Indianapolis, Ind.
 Lloyd Co., W. C., 626 S. Clark, Chicago, Ill.
 Long Island Printing & Lithographing Co., Inc., 137 Jackson, Hempstead, N. Y.
 Mann Co., Wm., 529 Market, Philadelphia, Pa.

Mendle Printing Co., 325 N. 3d, St. Louis, Mo.
 Miller Davis Co., 219 S. 4th, Minneapolis, Minn.
 Moore Corporation, John C., 65 Stone, Rochester, N. Y.
 Northern Bank Note Co., 2340 N. Racine Ave., Chicago, Ill.
 Orthwine, R., 344 W. 34th, New York, N. Y.
 Pavay Envelope & Tag Co., 36 Green, Newark, N. J.
 Pembroke Co., 24 E. Broadway, Salt Lake City, Utah.
 Pettibone & Co., P. F., 27 N. Desplaines, Chicago, Ill.
 Pioneer, Inc., 12th & A, Tacoma, Wash.
 Pugh & Co., H. G., 1000 Center, Little Rock, Ark.
RAND McNALLY & CO., 536 S. Clark, Chicago, Ill.
 Remington Rand Business Service, Inc., 465 Washington, Buffalo, N. Y.
 Reserve Litho. & Ptg. Co., Caxton Bldg., Cleveland, Ohio.
 Reynolds & Reynolds Co., Washington & Dudley, Dayton, Ohio.
 Richmond & Backus Co., Woodward at Congress, Detroit, Mich.
 Schooley Printing & Stationery Co., 718 Delaware, Kansas City, Mo.
 Schwabacher-Frey Sta. Co., 735 Market, San Francisco, Cal.
 Sebastian & Co., 224 N. Desplaines, Chicago, Ill.
 Smith-Brooks Printing Co., 1733-47 California, Denver, Colo.
 Smith Co., Oscar T. & Son, 407-411 E. Saratoga, Baltimore, Md.
 Smith Ptg. Co., 225 E. 3d, Williamsport, Pa.
 Southern States Ptg. Co., Inc., 117 So. Hill St., Griffin, Ga.
 Stafford-Lowden Co., 610 W. Daget, Ft. Worth, Tex.
 Standard Bank Note Co., 351 E. Ohio, Chicago, Ill.
 Standard Printing Co., 201-205 N. 3d, Hannibal, Mo.
 Stephens Lithographing & Engr. Co., 420 N. 2d, St. Louis, Mo.
 Thompson & Co., Arthur, 109 Market Place, Baltimore, Md.
 Todd Co., The, 1185 University Ave., Rochester, N. Y.
 Toof & Co., S. C., 195 Madison, Memphis, Tenn.
 Van Clief Lithographing Co., 2708-12 Wabash Ave., Chicago, Ill.
 Walker, Evans & Cogswell Co., 3 Broad, Charleston, S. C.
 Walker Litho. & Ptg. Co., 114 W. 4th, Dayton, O.
 Western Lithograph Co., 600 E. 2d, Los Angeles, Cal.
 Western Lithograph & Office Supply Co., Wichita, Kans.
 Woodbury Co., Inc., Chadwick Sq., Worcester, Mass.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.
 Young & Selden Co., 224 N. Calvert, Baltimore, Md., Philadelphia and Pittsburgh.

PROTECTIVE DEVICES

(See Burglar Alarms, and Locks)

330 PROTECTIVE EQUIPMENT

American District Telephone & Telegraph Co., 183 Varick, New York, N. Y.
 Diebold Safe & Lock Co., Canton, Ohio.
 Federal Laboratories, Inc., 185 41st Street, Pittsburgh, Pa.
 Holmes Electric Protective Co., 370 7th Ave., New York, N. Y.
 Shaw-Walker Co., The, Muskegon, Mich.
 Taylor-Palmer Co., 49 E. Wells, Milwaukee, Wis.
331 PROTECTORS, CHECK
 Arnold Check Writer Co., Inc., Flint, Mich.
 Defiance Mfg. Corporation, 555 Mitchell, Orange, N. J.
 Electromatic Typewriters, Inc., Rochester, N. Y.
 Fields, Harry R., 624 Boardman Ave., Orlando, Fla.
 Hall-Weiler Co., Inc., 183 St. Paul, Rochester, N. Y.
 Hedman Mfg. Co., 1158 Center, Chicago, Ill.
 The Humphrey Co., 177 Broadway, New York, N. Y.
 International Postal Supply Co., 634 Prospect Place, Brooklyn, N. Y.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Riteall Checkwriter Corporation, 113 N. Water, Rochester, N. Y.
 Safe-Guard Corporation, Lansdale, Pa.
 Todd Co., 1185 University Ave., Rochester, N. Y.

332 PUBLICATIONS, FINANCIAL

(See also Magazines, Banking)

BANKERS SERVICE BULLETIN, THE, 536 S. Clark St., Chicago, Ill.
BANKERS MONTHLY, THE, 536 S. Clark St., Chicago, Ill.
 Banthrico Inc., 2944 W. Lake, Chicago, Ill.

333 PUNCHES, BOND & TICKET

Safford Stamp Works, 205 W. Madison, Chicago, Ill.

334 PUNCHES, PAPER

Challenge Machinery Co., The, Beech Tree St., Grand Haven, Mich.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.

335 RACKS, CALENDAR (METAL)

Bar-Trex Mfg. Co., 1813 Ave. D., Birmingham, Ala.
 Davenport-Taylor Corp., 412 Orleans, Chicago, Ill.
 Flour City Ornamental Iron Co., 27th Ave. & 27th St., Minneapolis, Minn.
 Mount & Robertson, Inc., 62 Broad, New York, N. Y.

RACKS, CALENDER (METAL)—CONTINUED

Nachtegall Mfg. Co., 237 S. Front, Grand Rapids, Mich.
 Newman Mfg. Co., Cleneay Ave. & N. & W. R. R., Cincinnati, O.
 Twentieth Century Co., 542 S. Dearborn, Chicago, Ill.
 Watson Mfg. Co., Jamestown, N. Y.
 Wisconsin Iron & Wire Works, 1660 Booth, Milwaukee, Wis.

336 RACKS, CHECK

Beck Specialty Co., 621 Jefferson, Waterloo, Ia.
 Currier Manufacturing Co., Inc., North Western Terminal, Minneapolis, Minn.
 Dibb Manufacturing Co., Inc., 4054 N. Broadway, Robbinsdale, Minn.
 Newman Mfg. Co., Cleneay Ave. & N. & W. R. R., Cincinnati, O.
 Shaw-Walker Co. The, Muskegon, Mich.
 Watson Mfg. Co., Jamestown, N. Y.
 Zimmerman Bros. & Co., 4020 Michigan Ave., Chicago, Ill.

337 RACKS, DRAFT & NOTE

Beck Specialty Co., Waterloo, Ia.
 Currier Manufacturing Co., Northwestern Terminal, Minneapolis, Minn.
 Watson Mfg. Co., Jamestown, N. Y.

338 RACKS, FILING

Art Metal Construction Co., Jones & Gifford, Jamestown, N. Y.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Watson Mfg. Co., Jamestown, N. Y.
 Weis Mfg. Co., Union, Monroe, Mich.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

339 RACKS, MAGAZINE & NEWSPAPER

Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 The Davis Metal Fixture Co., 615 Brook, Lansing, Mich.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Watson Mfg. Co., Jamestown, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

340 RACKS, MECHANICAL POSTING

Adjustable Table Co., 55 Mt. Vernon Ave., Grand Rapids, Mich.
 Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Curtis 1000 Inc., 1000 University, St. Paul, Minn.
 Le Febure Corp., Cedar Rapids, Iowa.
 McDonald Ledger & Loose Leaf Co., 1809 Sumnerdale, Chicago, Ill.
 Watson Mfg. Co., Jamestown, N. Y.
 Wilson-Jones Co., 3300 Franklin, Chicago, Ill.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

341 RACKS, RUBBER STAMP

Darling Co., J. C., 734 Kansas Ave., Topeka, Kan.
 Force & Co., Inc., Wm. A., 105 Worth, New York, N. Y.
 Martin & Co., 227 W. Madison, Chicago, Ill.
 Melind Co., Louis, 362 W. Chicago Ave., Chicago, Ill.
 Moise-Klinker Co., 369 Market, San Francisco, Cal.
 Safford Stamp Works, 205 W. Madison, Chicago, Ill.
 Swisher Mfg. Co., The R. D., 411-413 S. Clinton, Chicago, Ill.

RAILINGS

(See Fixtures, Bank and Office)

342 RAIN GAUGES

The A. Claus Mfg. Co., 5250 Brookpark Rd., Cleveland, O.

343 RECORDERS, TIME

(See also Stamps, Time)

Calculagrapp Co., 50 Church, New York, N. Y.
 Cincinnati Time Recorder Co., 1733 Central, Cincinnati, O.
 Follet Time Recording Co., 217 High, Newark, N. J.
 Howard Clock Co., E., 206 E. Eustis, Boston, Mass.
 Insto Recordergraph Co., 1241 High, Oakland, Cal.
 International Business Machines Corporation, 50 Broad, New York, N. Y.
 Joslin Mfg. Co., A. D., 123 Arthur, Manistee, Mich.
 Kastens, Henry, 418 W. 27th, New York, N. Y.
 Stromberg Electric Co., 223 W. Erie, Chicago, Ill.

RECORDS, VISIBLE

(See Visible Records)

344 REFLECTORS

Curtis Lighting, Inc., 1123 W. Jackson, Chicago, Ill.
 Faries Mfg. Co., 1036 E. Grand Ave., Decatur, Ill.
 Frink Corp., 23-10 Bridge Plaza So., Long Island City, N. Y.
 Guth Co., Edwin F., 2615 Washington, St. Louis, Mo.
 Price Brothers, Inc., 2644 N. Maplewood, Chicago, Ill.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Vicking Products Corp., 422 W. 42d, New York, N. Y.

345 REGISTERS, AUTOGRAPHIC

American Sales Book Co., Ltd., Elmira, N. Y.
 Egly Register Co., 417-435 E. Monument Ave., Dayton, Ohio.
 Hamilton Autographic Register Co., 802 Symmes Ave., Hamilton, O.
 National Cash Register Co., Dayton, O.
 Shelby Salesbook Co., The, Shelby, O.
 Standard Register Co., Albany and Campbell, Dayton, O.
 United Autographic Register Co., 5000 S. Calif. Ave., Chicago, Ill.

346 REGISTERS, BANK

American Sales Book Co., Ltd., Elmira, N. Y.
 Boorum & Pease Co., 84 Hudson Ave., Brooklyn, N. Y.
 Brown-Blodgett Co., 1745 University Ave., St. Paul, Minn.
 Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 Flammger & Grahl Blank Book Co., 318 N. Third, St. Louis, Mo.
 Le Febure Corp., Cedar Rapids, Iowa.
 Mann Co., Wm., 529 Market, Philadelphia, Pa.
 Moore Corp., John C., 65 Stone, Rochester, N. Y.
 National Blank Book Co., Riverside, Holyoke, Mass.
 Pettibone & Co., P. F., 27 N. Desplaines, Chicago, Ill.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Reynolds & Reynolds Co., Washington & Dudley, Dayton, O.
 Richmond & Backus Co., Woodward at Congress, Detroit, Mich.
 Stationers Loose Leaf, 350 Broadway, Milwaukee, Wis.
 Tallman-Robbins & Co., 314 W. Superior, Chicago, Ill.
 Wilson-Jones Co., 3300 Franklin Blvd., Chicago, Ill.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

347 REGISTERS, CASH

National Cash Register Co., Dayton, O.

348 REGISTERS, DISCOUNT

(See also Registers, Bank)

Le Febure Corporation, Cedar Rapids, Ia.
 National Blank Book Co., Riverside, Holyoke, Mass.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Richmond & Backus Co., Woodward at Congress, Detroit, Mich.

349 REGISTERS, MORTGAGE

(See also Registers, Bank)

Le Febure Corporation, Cedar Rapids, Ia.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Richmond & Backus Co., Woodward at Congress, Detroit, Mich.

350 REGISTERS, NOTE & LOAN

Le Febure Corporation, Cedar Rapids, Ia.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Richmond & Backus Co., Woodward at Congress, Detroit, Mich.
 Union Savings Systems Co., 131 N. Duke, Lancaster, Pa.

351 REINFORCING, VAULT

Consolidated Expanded Metal Companies, Steelcrete Bldg., Wheeling, W. Va.
 Lock Steel Co., 725 Grant Bldg., Pittsburgh, Pa.
 Rivet-Grip Steel Company, The, 2404 Prospect Ave., Cleveland, O.
 York Safe & Lock Co., York, Pa.

352 RIBBONS, TYPEWRITER

Buckeye Ribbon & Carbon Co., 1458 E. 55th, Cleveland, Ohio.
 Carter's Ink Co., 239 First, Cambridge, Mass.
 Columbia Ribbon & Carbon Mfg. Co., Inc., Glen Cove, Long Island City, N. Y.
 Crown Ribbon & Carbon Mfg. Co., 782 St. Paul, Rochester, N. Y.
 Ditto, Inc., 2243 W. Harrison, Chicago, Ill.
 Enduro Mfg. Co., 14 Franklin, Rochester, N. Y.
 Franklin-Kelly Co., 75 W. Van Buren, Chicago, Ill.
 Keelox Mfg. Co., Rochester, N. Y.
 Miller-Bryant-Pierce Co., 189 S. River, Aurora, Ill.
 Mittag & Volger, Inc., Park Ridge, N. Y.
 Neidich Process Co., Burlington, N. Y.
 Phillips Ribbon & Carbon Co., Inc., 61 Halstead, Rochester, N. Y.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Royal Typewriter Co., Inc., 316 Broadway, New York, N. Y.
 Shallcross Co., The, Philadelphia, Pa.
 Storms Co., H. M., 561 Grand Ave., Brooklyn, N. Y.
 Webster Co., F. S., 340 Congress, Boston, Mass.

353 ROLLS, ADDING MACHINE

American Sales Book Co., Ltd., Elmira, N. Y.
 C. Benninghofen & Sons, Hamilton, O.
 Burroughs Adding Machine Co., 6071 Second Ave., Detroit, Mich.
 La Salle Paper Co., 855 W. Adams, Chicago, Ill.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Young & Selden Co., 224 N. Calvert, Baltimore, Md., Philadelphia and Pittsburgh.
 Zimmerman Bros. & Co., 4020 Michigan Ave., Chicago, Ill.

RUBBER BANDS

(See Supplies, Bank & Office)

RUBBER STAMPS

(See Stamps, Rubber)

RULED FORMS

(See Forms, Bank)

354 RULERS, ADVERTISING

Advertising Specialty Co., 609 Ryan Bldg., St. Paul, Minn.
 Follis Advertising Service, W. E., 159 N. State, Chicago, Ill.
 Kohl & Co., P. J., 224-230 W. Huron, Chicago, Ill.

S

355 SAFE DEPOSIT RECORDS

Aome Card System Co., 8 S. Michigan Ave., Chicago, Ill.
 Hamilton Autographic Register Co., 802 Symmes Ave., Hamilton, O.
 Le Febure Corporation, Cedar Rapids, Ia.
 Martell Co., A. E., Congress St., Keene, N. H.
 Presteel Engineering Corp., 52 Vanderbilt Ave., New York, N. Y.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
YALE & TOWNE MFG. CO., Stamford, Conn.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

356 SAFES, FILING

Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Berger Mfg. Co., 1038 Belden Ave., Canton, O.
 Cary Safe Co., 1200 Niagara, Buffalo, N. Y.
 Diebold Safe & Lock Co., Canton, Ohio.
 Dow & Co., Louis F., 2242 University Ave., St. Paul, Minn.
 Fisher Co., Charles City, Iowa.
 General Fireproofing Co., Youngstown, Ohio.
 Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Herring-Hall-Marvin Safe Co., Grand Blvd., Hamilton, Ohio.
 The Joplin Printing Co., Inc., 509 Joplin, Joplin, Mo.
 Macey Co., The, 1520 Division Ave., S., Grand Rapids, Mich.
 Meilink Steel Safe Co., 1700 Oakwood, Toledo, O.
 Metal Office Furniture Co., Grand Rapids, Mich.
 The Mosler Safe Company, Hamilton, Ohio.
 National Safe & Lock Co., 2345 E. 69th, Cleveland, Ohio.
 Norris Safe & Lock Co., 114 Third Ave., S., Seattle, Wash.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Shaw-Walker Co., Muskegon, Mich.
 Watson Mfg. Co., Jamestown, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

357 SAFES, FIRE & BURGLAR PROOF

Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Cary Safe Co., 1200 Niagara, Buffalo, N. Y.
 Diebold Safe & Lock Co., Canton, Ohio.
 General Fireproofing Co., Youngstown, Ohio.
 Gross-Feibel Co., Hillsboro, Ohio.
 Herring-Hall-Marvin Safe Co., Grand Blvd., Hamilton, Ohio.
 Meilink Steel Safe Co., Toledo, Ohio.
 Mosler Safe Co., Hamilton, Ohio.
 National Safe & Lock Co., 2345 E. 69th, Cleveland, Ohio.
 Norris Safe & Lock Co., 114 Third Ave., S., Seattle, Wash.
REMINGTON RAND BUSINESS SERVICE, Buffalo, N. Y.
 Shaw-Walker Co., The, Muskegon, Mich.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.
 York Safe & Lock Co., York, Pa.

358 SAFES, MANGANESE STEEL

Cary Safe Co., 1200 Niagara, Buffalo, N. Y.
 Diebold Safe & Lock Co., Canton, Ohio.
 Herring-Hall-Marvin Safe Co., Grand Blvd., Hamilton, Ohio.
 Mosler Safe Co., Hamilton, Ohio.
 National Safe & Lock Co., 2345 E. 69th, Cleveland, Ohio.
 Norris Safe & Lock Co., 114 Third Ave., S., Seattle, Wash.
 York Safe & Lock Co., York, Pa.

359 SAFES, NIGHT DEPOSITORY

Bank Vault Inspection Co., 5 So. 18th St., Philadelphia, Pa.
 Herring-Hall-Marvin Safe Co., Grand Blvd., Hamilton, O.
 McClintock Co., O. B., 139 Lyndale Ave., Minneapolis, Minn.
 The Mosler Safe Company, Hamilton, O.
 Remington & Sherman Co., 1545 N. Delaware Ave., Philadelphia, Pa.

360 SAFES, WALL

Diebold Safe & Lock Co., Canton, Ohio.
 Gross-Feibel Co., Hillsboro, O.
 Meilink Steel Safe Co., Toledo, Ohio.
 The National Safe and Lock Co., 2345 E. 69th, Cleveland, Ohio.
 York Safe & Lock Co., York, Pa.

SAFETY PAPER
 (See Paper, Safety)

361

SAND URNS

Faries Mfg. Co., 1036 E. Grand Ave., Decatur, Ill.

362 SAVINGS BANKS, HOME & POCKET

Automatic Recording Safe Co., 35 E. Wacker Drive, Chicago, Ill.
 Bankers Development Corp., 31 Nassau, New York, N. Y.
 Bankers Savings & Credit System Co., 10302 Madison Ave., Cleveland, Ohio.
 Bankers Service Corp., 19 Warren, New York, N. Y.
 Bankers Thrift Book Co., Inc., 529 S. 7th, Minneapolis, Minn.
 Bankers Utilities Co., Inc., 268 First, San Francisco, Calif.
THE BANKETTE COMPANY, INC., 88 Broad St., Boston, Mass. (See our adv. on this page.)
BANTHRICO INC., 2944 W. Lake, Chicago, Ill. (See our adv. on this page.)
 Call's Bankers Service Corp., 321-327 Pearl, Scranton, Pa.

Chicago Thrift Co., 1100 Washington Blvd., Chicago, Ill.
 Dudley Look Corporation, 26 N. Franklin, Chicago, Ill.
 Durable Toy & Novelty Corp., 220 4th Ave., New York, N. Y.
 Earl Service for Banks, Melrose Highlands Station, Boston, Mass.
 Felsenthal & Sons, G., 4110 W. Grand Ave., Chicago, Ill.
 Hockwender Co., B. H., 711 Penn. Ave., Pittsburgh, Pa.
 L'Enfant-Oley-Martine Mfg. Corp., 99-101 Fifth Ave., New York, N. Y.
 Martin Co. (The Frank), Marshall Bldg., Cleveland, O.
MASTER THRIFT SYSTEM, INC., 740 N. Plankinton Ave., Milwaukee, Wis.
 Miller Bank Service, 5775 Ridge, Chicago, Ill.
MORAN, B. T., INC., 400 N. Michigan Ave., Chicago, Ill.
 Moreland Business Builders, Inc., 107 N. Wacker Drive, Chicago, Ill.
 National Bank Supply Co., Inc., 60 Spring, New York, N. Y.
 Nutry, John, 85 Adams, Brooklyn, N. Y.

Nutry & Cook Mfg. Co., Inc., 199 Cook, Brooklyn, N. Y.
 Parisian Novelty Co., 3510 S. Western Ave., Chicago, Ill.
 Rehberger Co., A. C., 3333 N. Racine Ave., Chicago, Ill.
REHBERGER MFG. CO., 1217 Webster Ave., Chicago, Ill.
 Richmond & Backus Co., Woodward at Congress, Detroit, Mich.
 Savings Service Co., The, 1587 E. Blake Ave., Columbus, O.
 Speer Calendar Bank Co., Inc., 110 E. Wisconsin Ave., Milwaukee, Wis.
 Strayer Coin Bag Co., 1028 4th Ave., New Brighton, Pa.
 Thrift Development Corp., 206 S. Spring, Los Angeles, Calif.
 Thrift Service Co., 2128 Richland Ave., Cleveland, Ohio.
 Thrift Systems Co., Inc., 31 Nassau, New York, N. Y.
 Twentieth Century Co., 542 S. Dearborn, Chicago, Ill.
WHITE BRASS CASTINGS CO., 1656 W. Austin Ave., Chicago, Ill. (See our adv. on this page.)

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363 SAVINGS BANKS (SPECIAL DESIGN)

Bankers Utilities Co., Inc., 268 First, San Francisco, Calif.
 Banthrico Inc., 2944 W. Lake, Chicago, Ill.
 Call's Bankers Service Corp., 321-327 Pearl, Scranton, Pa.
 Chicago Thrift Co., 1100 Washington Blvd., Chicago, Ill.
 The Miller Bank Service, 5775 Ridge Ave., Chicago, Ill.
 Moreland Business Builders, Inc., 107 N. Wacker Drive, Chicago, Ill.
 Rehberger Co., A. C., 3333 N. Racine Ave., Chicago, Ill.
 Rehberger Mfg. Co., 1217 Webster Ave., Chicago, Ill.
 Speer Calendar Bank Co., 110 E. Wisconsin Ave., Milwaukee, Wis.

SAVINGS DEPT. FORMS (See Forms, Bank)

364 SAVINGS SYSTEMS

(See also specific headings: Christmas Savings, Industrial Savings, School Savings, etc.)
 Bankers Development Corp., 31 Nassau, New York, N. Y.
 Call's Bankers Service Corp., 321-327 Pearl, Scranton, Pa.
 Christmas Club, a division of National Bancservice Corp., 45 W. 45th New York, N. Y.
 Findex Company, 1560 W. Pierce, Milwaukee, Wis.
 Flak Finger Print System, 1 Liberty, New York, N. Y.
 L'Enfant-Oley-Martine Mfg. Corp., 99-101 Fifth Ave., New York, N. Y.
MASTER THRIFT SYSTEMS, INC., 740 N. Plankinton Ave., Milwaukee, Wis.
 National Bancservice Corp., 461 8th Ave., New York, N. Y.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Shaw-Walker Co., The, Muskegon, Mich.
 Thrift Systems Co., Inc., 31 Nassau, New York, N. Y.

365 SCALES (PARCEL POST, POSTAL, ETC.)

Dayton Scale Co., 448 Huffman Ave., Dayton, O.
 Hanson Scale Co., 525 N. Ada, Chicago, Ill.
 International Business Machines Corporation, 50 Broad, New York, N. Y.
 Toledo Scale Co., 3216 Monroe, Toledo, O.
 Triner Sales Co., 222 N. Bank Dr., Chicago, Ill.

366 SCHOOL SAVINGS

American Beauty Cover Co., 1900 Orange, Dallas, Tex.
 Educational Thrift Service, Inc., 233 Broadway, New York, N. Y.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 School Thrift, Inc., 22 E. 40th, New York, N. Y.
 Standard Savings Service, Inc., 107 Sixth, Pittsburgh, Pa.
 Thrift, Inc., 154 Marion, Oak Park, Ill.
 Union Savings Systems Co., 131 Duke, Lancaster, Pa.

367 SCHOOLS, CORRESPONDENCE

Alexander Hamilton Institute, Astor Pl., New York, N. Y.
 International Correspondence School, Scranton, Pa.
 Walton School of Commerce, 332 S. Michigan, Chicago, Ill.

SCREENS, COUNTER (See Grillwork)

368 SCREENS, SAFETY DEPOSIT

American Fixture Co., 16th & Bellefontaine, Kansas City, Mo.
 American Iron & Wire Works, 1621 Carroll, Chicago, Ill.
 Chicago Architectural Bronze Co., 1948 W. Ohio, Chicago, Ill.
 Flour City Ornamental Iron Co., 27th Ave. & 27th St., Minneapolis, Minn.
 Michaels Art Bronze Co., Inc., 230-240 Scott, Covington, Ky.
 Nahtegall Mfg. Co., 237-45 S. Front, Grand Rapids, Mich.
 Newman Mfg. Co., Cleneay Ave. & N. & W. R. R., Cincinnati, O.
 Tyler Co., The W. S., 3615 Superior Ave., Cleveland, O.
 Wisconsin Iron & Wire Works, 1660 Booth, Milwaukee, Wis.
 Womack & Sons, J. P., Inc., Lakewood Ave., Atlanta, Ga.

SCRUBBING MACHINES (See Machines, Scrubbing)

SEAL PRESSES (See Presses, Seal)

SEALERS, ENVELOPE

(See Machines, Sealing, Envelopes)

369 SEALING DEVICES, ENVELOPE

Postage Meter Co., 723 Pacific, Stamford, Conn.

SEALING WAX (See Wax, Sealing)

370 SEALS

American Seal & Stamp Co., 120 S. Clark, Chicago, Ill.
 Ames Safety Envelopes, 55 Sudbury, Boston, Mass.
 Atlanta Rubber Stamp & Stencil Works, 76 Forsyth, N. W., Atlanta, Ga.
 Bankers Savings & Credit System Co., 10302 Madison Ave., Cleveland, O.
 Brakmeier Bros., 112 S. 4th Ave., Louisville, Ky.
 Darling Co., J. C., 734 Kansas Ave., Topeka, Kan.
 Forbes Lithograph Mfg. Co., P. O. Box 5130, Boston, Mass.
 Gibson Co., Inc., A. C., 70 Oak, Buffalo, N. Y.
 Hanson Co., C. H., 303 W. Erie, Chicago, Ill.
 Martin & Co., 227 W. Madison, Chicago, Ill.
 Matthews & Co., Jas. H., 3942 Forbes, Pittsburgh, Pa.
 Melind Co., Louis, 362 W. Chicago, Chicago, Ill.
 Messing, Gus D., 315 Jackson, St. Paul, Minn.
 Nobler Stamp & Seal Co., Inc., 524 S. Dearborn, Chicago, Ill.
 Porter Safety Seal Co., 267 N. California, Chicago, Ill.
 Sachs-Lawlor Co., 1543 Larimer, Denver, Colo.
 Safford Stamp Works, 205 W. Madison, Chicago, Ill.
 Shuman Co., Frank G., 771 W. Jackson Blvd., Chicago, Ill.
 Southern Stamp & Stencil Co., 48 N. Forsyth, Atlanta, Ga.
 St. Louis Sticker Co., 1627 Washington, St. Louis, Mo.
 Swisher Mfg. Co., R. D., 411-13 S. Clinton, Chicago, Ill.
 Tablet & Ticket Co., 1021 W. Adams, Chicago, Ill.
 Union Paper & Twine Co., 116 St. Clair Ave., N. W., Cleveland, O.

371 SEALS, COIN BAG

Abbott Coin Counter Co., 143d & Wales Ave., New York, N. Y.
 Downey Co., C. L., 941 Clark, Cincinnati, O.
 Matthews & Co., Jas. H., 3942 Forbes, Pittsburgh, Pa.
 Meyer & Wenhe, 30 S. Jefferson, Chicago, Ill.
PORTER SAFETY SEAL CO., 267 N. California, Chicago, Ill.
 Rehberger Mfg. Co., 1217 Webster Ave., Chicago, Ill.
 Safford Stamp Works, 205 W. Madison, Chicago, Ill.
 Swisher Mfg. Co., R. D., 411-13 S. Clinton, Chicago, Ill.

372 SEALS, REGISTERED MAIL

The Tablet & Ticket Co., 1021 W. Adams, Chicago, Ill.

373 SERVICE, ADVERTISING DATA

Donaldson Lithograph Co., 6th & Washington, Newport, Ky.
 Financial Advertisers Assn., 231 S. La Salle, Chicago, Ill.
 Flexograph Corporation, 254 W. 31st, New York, N. Y.
 Mathewson, Paul, 45 W. 45th, New York, N. Y.
 Reeves Adv. Co., 1924 Linwood Ave., Toledo, O.
 United Bank Service Co., 231 5th, Ellwood City, Pa.

374 SERVICE, BOND ISSUE

Fitch Publishing Co., Inc., 138 Pearl, New York, N. Y.

375 SERVICE CHARGES

MORAN, B. T., INC., 400 N. Michigan Ave., Chicago, Ill.

376 SERVICE, CONSULTING ECONOMISTS

Associated Consulting Economists, Inc., 420 Lexington Ave., New York, N. Y.

377 SERVICE, STATISTICAL

"Babson's Statistical Organization, Inc.," Babson Park, Mass.
 Indexers, The, 310 S. Michigan Blvd., Chicago, Ill.
 Kiplinger Washington Agency, National Press Bldg., Washington, D. C.
 Lefax (Inc.), 9th & Sansom, Philadelphia, Pa.
 Moody's Investors Service, 35 Nassau, New York, N. Y.
 Poor's, 33 Broadway, New York, N. Y.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 United Business Service (Company, Inc.), 210 Newbury, Boston, Mass.

378 SERVICE, TAX

Arnold, Himmelblau & Co., 140 S. Dearborn, Chicago, Ill.
 Commerce Clearing House, Inc., 205 W. Monroe, Chicago, Ill.
 Foulke Tax Service, 505 Chestnut, Philadelphia, Pa.
 Gregerson Bros., Oma. Natl. Bk. Bldg., Omaha, Neb.
 Income Tax Index Service, 15 Clinton, Newark, N. J.
 Lafrentz & Co., F. W., 100 Broadway, New York, N. Y.
 Pratt & Sons, A. S., Wilkins Bldg., Washington, D. C.
 Snow & Co., M.P., 400 N. Michigan Ave., Chicago, Ill.

379 SHADES, DOOR

Camden Art Craft Co., 160 N. Wells, Chicago, Ill.

380 SHADES, WINDOW

(See also Blinds, Venetian)
 Athey Company, 6035 W. 65th, Chicago, Ill.
 The Bostwick-Goodell Co., Garfield at Jefferson, Norwalk, O.
 Camden Artcraft Co., 160 N. Wells, Chicago, Ill.
 Wilson Corp., J. G., 11 E. 38th, New York, N. Y.

381 SHELVING, METAL

All-Steel-Equip. Company, Aurora, Ill.
 Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Art Steel Co., Inc., 401 E. 23d, New York, N. Y.
 Berger Mfg. Co., 1038 Belden Ave., Canton, O.
 Davidson Co., J. L., 632-648 Mateo, Los Angeles, Cal.
 General Fireproofing Co., Youngstown, O.
 Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Hart & Hutchinson Co., New Britain, Conn.
 Le Febure Corporation, Cedar Rapids, Ia.
 Lupton's Sons Co., David, Allegheny Ave. & Tulip, Philadelphia, Pa.
 Lyon Metal Products, Inc., Aurora, Ill.
 Macart Mfg. Co., Fred, 3535 De Kalb, St. Louis, Mo.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Steel Equipment Corp., Avenel, N. J.
 Steel Fixture Mfg. Co., E. 7th & Adams, Topeka, Kan.
 Terrell's Equipment Co., Grand Rapids, Mich.
 Watson Mfg. Co., Jamestown, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

SIGNALING SYSTEMS (See Systems, Signaling)

SIGNATURE SIGNING MACHINES (See Machines, Signature Signing)

382 SIGNS, ADVERTISING

Advertising Specialty Co., 609 Ryan Bldg., St. Paul, Minn.
 American Beauty Cover Co., 1900 Orange, Dallas, Tex.
 American Signs Corp., 436 W. Willard, Kalamazoo, Mich.
 Atlas Bronze Mfg. Co., 2640-2648 N. Maplewood Ave., Chicago, Ill.
 Banthrico Inc., 2944 W. Lake, Chicago, Ill.
 Bauder-Baker, 225 N. Michigan Ave., Chicago, Ill.
 Davis Bulletin Co., Inc., Lock, Buffalo, N. Y.
 Enameled Steel Sign Co., 320 E. N. Water, Chicago, Ill.
 Federal Electric Co., 8700 S. State, Chicago, Ill.
 Flexlume Corp., 1100 Military Rd., Buffalo, N. Y.
 Flexograph Corporation, 254 W. 31st, New York, N. Y.
 The Fogarty Mfg. Co., 800 Monument Ave., Dayton, O.
 The Hollis Advertising Service, W. E., 159 N. State, Chicago, Ill.
 General Outdoor Advertising Co., Inc., 1 Park Ave., New York, N. Y.
 Imperial Brass Mfg. Co., 1200 W. Harrison, Chicago, Ill.
 Kohl & Co., P. J., 224-230 W. Huron, Chicago, Ill.
 Metal Products Co., 462 4th, Milwaukee, Wis.
 National Adv. Service, Inc., P. O. Box 75, La Grange, Ind.
 National Service Bureau of New York, Inc., P. O. Box 121, Middletown, N. Y.
 Nelke, L. D., 45 E. 17th, New York, N. Y.
 Newman Mfg. Co., Cleneay Ave. & N. & W. R. R., Cincinnati, O.
 North American Service Co., 105 W. Monroe, Chicago.
 Novelty Advertising Co., Coshocton, O.
 Onli-Wa-Fixture Co., St. Paul Ave., Dayton, O.
 Philadelphia Enameling Works, 254 N. 13th, Philadelphia, Pa.
 Price & Co., Inc., Henry F., 15 E. 40th, New York, N. Y.
 Price Brothers Inc., 2644 N. Maplewood Ave., Chicago, Ill.
 Rehberger & Co., A. C., 3333 N. Racine Ave., Chicago, Ill.
 Schaefer-Ross Co., Inc., 86 North, Rochester, N. Y.
 Steere & Sons, Geo., 434 S. Dearborn, Chicago, Ill.
 Sunset System, 2323 Broadway, San Antonio, Tex.
 Viking Products Corp., 422 W. 42d, New York, N. Y.

383 SIGNS, BRASS AND BRONZE

American Bronze Co., 1316 W. 63d, Chicago, Ill.
 American Iron & Wire Works, 1621 Carroll, Chicago, Ill.
 American Seal & Stamp Co., 120 S. Clark, Chicago, Ill.
 Art In Bronze Co., Inc., 1621 E. 41st, Cleveland, O.
 Atlas Bronze Mfg. Co., 2640-2648 N. Maplewood Ave., Chicago, Ill.
 Baldwin Brass Works, 321 S. California Ave., Chicago, Ill.
 Bankers Savings & Credit System Co., 10302 Madison Ave., Cleveland, O.
 Banthrico Inc., 2944 W. Lake, Chicago, Ill.
 Brakmeier Bros., 112 S. 4th Ave., Louisville, Ky.
 Chicago Architectural Bronze Co., 1948 W. Ohio, Chicago, Ill.
 Clark Mfg. Co., R. W., 4311 Ravenswood Ave., Chicago, Ill.
 Davenport-Taylor Corp., 412 Orleans, Chicago, Ill.
 Dobie & Co., Arthur L., 523 N. Halsted, Chicago, Ill.

SIGN, BRASS & BRONZE—CONTINUED

Flexograph Corporation, 254 W. 31st, New York, N. Y.
 Flour City Ornamental Iron Co., 27th Ave. & 27th St., Minneapolis, Minn.
 Force & Co., Inc., Wm. A., 105 Worth, New York, N. Y.
 Harsch Bronze & Foundry Co., John, 11612 Madison Ave., Cleveland, O.
 Imperial Brass Mfg. Co., 1200 Harrison St., Chicago, Ill.
 Martin & Co., 227 W. Madison, Chicago, Ill.
 Matthews & Co., Jas. H., 3942 Forbes, Pittsburgh, Pa.
 Mayer Co., Geo. J., 36 S. Meridian, Indianapolis, Ind.
 Metal Products Co., 462 4th, Milwaukee, Wis.
 Michaels Art Bronze Co., Inc., 230-240 Scott, Covington, Ky.
 National Art Works, Inc., 710 Greer Ave., Covington, Ky.
 Nelke, L. D., 45 E. 17th, New York, N. Y.
NEWMAN MFG. CO., Cleneay Ave., & N. & W. R. R., Cincinnati, O.
 Onli-Wa-Fixture Co., St. Paul Ave., Dayton, O.
 Oregon Brass Works, 2d & Everett, Portland, Ore.
 Philadelphia Enameling Works, 254 N. 13th St., Philadelphia, Pa.
 Price Bros., Inc., 2644 N. Maplewood Ave., Chicago, Ill.
 Price & Co., Inc., Henry F., 15 E. 40th, New York, N. Y.
 Rehberger Co., A. C., 3333 N. Racine Ave., Chicago, Ill.
 Sachs-Lawlor Co., 1543 Larimer, Denver, Colo.
 Safford Stamp Co., 205 W. Madison, Chicago, Ill.
 Southern Brass Mfg. & Plating Co., 6614-20 Harrisburg Blvd., Houston, Tex.
 Southern Stamp & Stencil Co., 48 N. Forsyth, Atlanta, Ga.
 Steere & Sons, Geo., 434 S. Dearborn, Chicago, Ill.
 Swisher Mfg. Co., R. D., 411-13 S. Clinton, Chicago, Ill.
 Tablet & Ticket Co., 1021 W. Adams, Chicago, Ill.
 Twentieth Century Co., 542 S. Dearborn, Chicago, Ill.
 Tyler Co., W. S., 3615 Superior Ave., Cleveland, O.
 United States Bronze Sign Co., 217-219 Centre, New York, N. Y.
 Usona Mfg. Co., 3512-26 Chouteau, St. Louis, Mo.
 Viking Products Corp., 422 W. 42d, New York, N. Y.
 Williams, Inc., Jno., 542 W. 27th, New York, N. Y.
 Zimmerman Bros. & Co., 4020 Michigan Ave., Chicago, Ill.

384 SIGNS, CARDBOARD

Follis Advertising Service, W. E., 159 N. State, Chicago, Ill.
 Kohl & Co., P. J., 224-230 W. Huron, Chicago, Ill.
 The Tablet & Ticket Co., 1021 W. Adams, Chicago, Ill.

385 SIGNS, CHANGEABLE

American Signs Corp., 436 W. Willard, Kalamazoo, Mich.
 Atlas Bronze Mfg. Co., 2640-2648 N. Maplewood Ave., Chicago, Ill.
 Banthrico Inc., 2944 W. Lake, Chicago, Ill.
 Chicago Thrift Co., 1100 Washington Blvd., Chicago, Ill.
 Clark Mfg. Co., R. W., 4311 Ravenswood Ave., Chicago, Ill.
 Davenport-Taylor Corp., 412 Orleans, Chicago, Ill.
 Davis Bulletin Co., Inc., The, Lock St., Buffalo, N. Y.
 Flexlume Corporation, 1100 Military Rd., Buffalo, N. Y.
 Flexograph Corp., 254 W. 31st, New York, N. Y.
 Imperial Brass Mfg. Co., 1200 W. Harrison, Chicago, Ill.
 Matthews & Co., Jas. H., 3942 Forbes, Pittsburgh, Pa.

Newman Mfg. Co., Cleneay Ave. & N. & W. R. R., Cincinnati, O.
 Price & Co., Inc., Henry F., 15 E. 40th, New York, N. Y.
 Steere & Sons, George, 434 S. Dearborn, Chicago, Ill.
 Tablet & Ticket Co., 1021 W. Adams, Chicago, Ill.
 Twentieth Century Co., 542 S. Dearborn, Chicago, Ill.
 Wisconsin Iron & Wire Works, 1660 Booth, Milwaukee, Wis.

386 SIGNS, DESK

American Iron & Wire Works, 1621 Carroll Ave., Chicago, Ill.
 Art in Bronze Co., Inc., 1621 E. 41st, Cleveland, O.
 Bankers Savings & Credit Systems Co., 10302 Madison Ave., Cleveland, O.
 Brakmeier Bros., 112 S. 4th Ave., Louisville, Ky.
 Chicago Architectural Bronze Co., 1948 W. Ohio, Chicago, Ill.
 Davenport-Taylor Corp., 412 Orleans, Chicago, Ill.
 Dobie & Co., Arthur L., 523 N. Halsted, Chicago, Ill.
 Flour City Ornamental Iron Co., 27th Ave. & 27th St., Minneapolis, Minn.
 Imperial Brass Mfg. Co., 1200 W. Harrison, Chicago, Ill.
 Jordan & Co., Inc., Charles, 132 Pearl, New York, N. Y.
 Matthews & Co., Jas. H., 3942 Forbes, Pittsburgh, Pa.
 Newman Mfg. Co., Cleneay Ave. & N. & W. R. R., Cincinnati, Ohio.
 Price Bros., Inc., 2644 N. Maplewood Ave., Chicago, Ill.
 Safford Stamp Works, 205 W. Madison, Chicago, Ill.
 Southern Brass Mfg. & Plating Co., 6614 Harrisburg Blvd., Houston, Tex.
 Steere & Sons, George, 434 S. Dearborn, Chicago, Ill.
 Supersine Co. of America, 200 Murray, Ft. Wayne, Ind.
 Swisher Mfg. Co., R. D., 411-13 S. Clinton, Chicago, Ill.
 Tablet & Ticket Co., 1021 W. Adams, Chicago, Ill.
TWENTIETH CENTURY CO., 542 S. Dearborn, Chicago, Ill.
 Tyler Co., The W. S., 3615 Superior Ave., Cleveland, Ohio.
 United States Bronze Sign Co., 217-219 Centre, New York, N. Y.
 Viking Products Corp., 422 W. 42d, New York, N. Y.
 Williams, Inc., Jno., 542 W. 27th, New York, N. Y.
 Zimmerman Bros. & Co., 4020 Michigan Ave., Chicago, Ill.

387 SIGNS, ELECTRIC

American Signs Corp., 436 W. Willard, Kalamazoo, Mich.
 Atlas Bronze Mfg. Co., 2640-2648 N. Maplewood Ave., Chicago, Ill.
 Davenport-Taylor Corp., 412 Orleans, Chicago, Ill.
 Federal Electric Co., 8700 S. State, Chicago, Ill.
 Flexlume Corp., 1100 Military Rd., Buffalo, N. Y.
 Flexograph Corp., 254 W. 31st, New York, N. Y.
 Frink Corp., 23-10 Bridge Plaza So., Long Island City, N. Y.
 General Outdoor Advertising Co., Inc., 1 Park Ave., New York, N. Y.
 Matthews & Co., Jas. H., 3942 Forbes, Pittsburgh, Pa.
 Newman Mfg. Co., Cleneay Ave. & N. & W. R. R., Cincinnati, O.
 Onli-Wa-Fixture Co., St. Paul Ave., Dayton, Ohio.
 Philadelphia Enameling Works, 254 N. 13th, Philadelphia, Pa.
 Rawson & Evans Co., 710-12 W. Washington Blvd., Chicago, Ill.
 Runsyne Corp., 250 W. 54th, New York, N. Y.
 Sunset System, 2323 Broadway, San Antonio, Tex.
 Tablet & Ticket Co., The, 1021 W. Adams, Chicago, Ill.
 Twentieth Century Co., 542 S. Dearborn, Chicago, Ill.
 Viking Products Corp., 422 W. 42d, New York, N. Y.
 Western Sand Blast Co., 1458 W. Kinzie, Chicago, Ill.

388 SIGNS, GLASS

Price Brothers, Inc., 2644 N. Maplewood Ave., Chicago, Ill.
 Rawson & Evans Co., 710-12 W. Washington Blvd., Chicago, Ill.
 Robinson & Co., Inc., T. L., 1458 W. Kinzie, Chicago, Ill.
 Steere & Son, Geo., 434 S. Dearborn, Chicago, Ill.
 Twentieth Century Co., 542 S. Dearborn, Chicago, Ill.

389 SIGNS, NEON GAS TUBE, ELECTRIC

American Sign Corporation, 436 W. Willard, Kalamazoo, Mich.
 Flexlume Corporation, 1100 Military Rd., Buffalo, N. Y.
 Rainbow Light, Inc., 1314 W. Harrison, Chicago, Ill.

390 SIGNS, OUTDOOR

(See also Advertising, Poster and Billboard)

Al Fresco Advertising Co., 900 S. Grand Blvd., St. Louis, Mo.
 American Signs Corp., 436 W. Willard, Kalamazoo, Mich.
 Carithers & Co., 128 N. Wells, Chicago, Ill.
 Coshooton Specialty Co., Coshooton, Ohio.
 Enameled Steel Sign Co., 320 E. N. Water, Chicago, Ill.
 Erickson Co., Inc., C. E., 506 W. 3d, Des Moines, Ia.
 The Fogarty Manufacturing Co., 800 Monument Ave., Dayton, O.
 General Outdoor Advertising Co., Inc., 1 Park Ave., New York, N. Y.
 Matthews & Co., Jas. H., 3942 Forbes, Pittsburgh, Pa.
 Meeker Co., Inc., 3d & Michigan, Joplin, Mo.
 Nelke, L. D., 45 E. 17th, New York, N. Y.
 North American Service Co., 105 W. Monroe, Chicago, Ill.
 Steere & Sons, George, 434 S. Dearborn, Chicago, Ill.
 Sunset System, 2323 Broadway, San Antonio, Tex.
 Supersine Co. of America, 200 Murray, Ft. Wayne, Ind.

391 SIGNS, PORCELAIN ENAMELED

American Signs Corp., 436 W. Willard, Kalamazoo, Mich.
 Atlanta Rubber Stamp & Stencil Wks., 76 Forsyth, N. W., Atlanta, Ga.
 Enameled Steel Sign Co., 320 E. N. Water, Chicago, Ill.
 Flexlume Corporation, 1100 Military Rd., Buffalo, N. Y.
 Nelke, L. D., 45 E. 17th, New York, N. Y.
 Steere, George, 434 S. Dearborn, Chicago, Ill.

392 SIGNS, WIRE

Newman Mfg. Co., Cleneay Ave. & N. & W. R. R., Cincinnati, O.
 Wisconsin Iron & Wire Works, 1660 Booth, Milwaukee, Wis.

393 SLIDES, LANTERN (MOTION PICTURE, ETC.)

Lockren Film & Slide Co., Wm. A., 16 N. 4th, Minneapolis, Minn.

394 SOLICITATION, NEW ACCOUNT

(See Personal Solicitation, New Accounts)

Haines Mfg. Co., 84 Exchange, Rochester, N. Y.
MASTER THRIFT SYSTEM, INC., 740 N. Plankinton Ave., Milwaukee, Wis. (See our adv. on this page.)
 Smith Associates, Inc., T. Harris, 231 S. La Salle, Chicago, Ill.

How To Secure PERMANENT Savings Accounts

For 15 years we have specialized in securing new savings accounts and making old ones grow. Our three-point plan is:

1. Every new account obtained by Master Thrift System methods, is worthwhile and substantial **BEFORE THERE IS ANY COST TO YOU.**
2. We take care of your old depositor, with **NO ADDED EXPENSE TO YOU.** Ask us how!
3. You can have our **EXCLUSIVE** services for your bank in your town or city.

Every user of the Master Thrift System is a booster. A list of our clients for references will gladly be furnished upon request.

Every day the Master Thrift System Certified Service is helping banks to gain hundreds of depositors. It will do the same for your bank, and is worthy of your careful investigation. With no obligation on your part, write us for details as to what this time-tried service will do for you.

MASTER THRIFT SYSTEM

INCORPORATED

740 NORTH PLANKINTON AVENUE - MILWAUKEE

SOUVENIRS, ADVERTISING

(See Specialties, Advertising)

395 SPECIALTIES, ADVERTISING

(See also Specific Headings)

Aderaft Manufacturing Co., 2448-56 W. 22d, Chicago, Ill.
 Advertising Novelty Co., 419 S. Winchester Ave., Chicago, Ill.
 Advertising Specialty Co., 609 Ryan Bldg., St. Paul, Minn.
 American Art Works, Inc., Coshocton, Ohio.
 American Beauty Cover Co., 1900 Orange, Dallas, Tex.
 American Calendar Co., Inc., Greeneville, Tenn.
 Amity Leather Products Co., West Bend, Wis.
 Banthrico Inc., 2944 W. Lake, Chicago, Ill.
 Bastian Bros. Co., 1600 Clinton Ave., N., Rochester, N. Y.
 John Baumgarth Co., 540 N. Michigan Ave., Chicago, Ill.
 Brace & Co., H. G., 400 Seventh North, Seattle, Wash.
 Broderick Co., 460 Robert, St. Paul, Minn.
 Brown & Bigelow, Quality Park, St. Paul, Minn.
 Buxton, Inc., 162½ Chestnut, Springfield, Mass.
 Carrithers & Co., 128 N. Wells, Chicago, Ill.
 Carroll Co., J. B., 319 N. Albany, Chicago, Ill.
 Checo Manufacturing Co., 2715 S. Michigan Ave., Chicago, Ill.
 Childs & Co., S. D., 136 S. Clark, Chicago, Ill.
 Coshocton Specialty Co., Coshocton, O.
 Cruver Manufacturing Co., 2456 W. Jackson Blvd., Chicago, Ill.
 Dodson Mfg. Co., 1833-35 N. Hoyne Ave., Chicago, Ill.
 Dow Co., Louis F., 2242 University Ave., St. Paul, Minn.
 Durable Toy & Novelty Corp., 220 4th Ave., New York, N. Y.
 Economy Advertising Co., Linn & Market, Iowa City, Ia.
 Empire Notion Co., 270 W. 38th, New York, N. Y.
 Erickson Co., Inc., C. E., 506 W. 3d, Des Moines, Iowa.
 Exline Co., 113 St. Clair Ave., N. E., Cleveland, O.
 Felsenthal & Sons, G., 4110 W. Grand Ave., Chicago, Ill.
 Ferree Co., E. H., Lockport, N. Y.
 Fine Art Novelty Co., 1716 S. Michigan Ave., Chicago, Ill.
 Fogarty Mfg. Co., The, 800 Monument Ave., Dayton, O.
 Follis Advertising Service, W. E., 159 N. State, Chicago, Ill.
 Forbes Lithograph Mfg. Co., P. O. Box 5130, Boston, Mass.
 Gerlach-Barklow Co., Joliet, Ill.
 Gordon Pen Co., 450 Palisades Ave., West New York, N. J.
 Grammes & Sons, L. F., Allentown, Pa.
 Green Duck Co., 1725 W. North, Chicago, Ill.
 B. H. Hookswender Co., 711 Penn Ave., Pittsburgh, Pa.
 Ingersoll Dollar Pen Co., Chas. H., 545 N. Arlington Ave., E. Orange, N. J.
 Kemper Thomas Co., Park Ave., Norwood, Ohio.
 Kenyon Co., Inc., 303-309 Grand, Des Moines, Iowa.
 Kohl & Co., P. J., 224-230 W. Huron, Chicago, Ill.
 Lakeside Mfg. Co., 440 W. Superior, Chicago, Ill.
 Leather Products Co., 201 South, Iola, Kans.
 Martin (The, Frank) Co., Marshall Bldg., Cleveland, O.
 Mayer Mfg. Corp., 1436 W. Randolph, Chicago, Ill.
 Meeker Co., Inc., 3d & Michigan, Joplin, Mo.
 Merchants Publishing Co., 412 W. Michigan Ave., Kalamazoo, Mich.
 The J. E. Mergott Co., 316 Jelliff Ave., Newark, N. J.
 Minnesota Specialty Co., 2d Ave. N. & 4th St., Minneapolis, Minn.
 Murphy Co., Thos. D., 110 S. 2d, Red Oak, Iowa.
 National Art Works, Inc., 710 Greer Ave., Covington, Ky.
 National Bank Supply Co., Inc., 60 Spring, New York, N. Y.
 National Sign Stencil Co., 1602 University, St. Paul, Minn.
 Newman Mfg. Co., Cleneay Ave., & N. & W. R. R., Cincinnati, Ohio.
 Noble Co., F. H., 535-555 W. 59th, Chicago, Ill.
 Novelty Adv. Co., Coshocton, O.
 Novelty Cutlery Co., 515 McGregor, N. W., Canton, Ohio.
 Oliver Baker Mfg. Co., 420 S. 7th, Minneapolis, Minn.
 Osborne Co., 759 Summer Ave., Newark, N. J.
 Parisian Novelty Co., 3510 S. Western Ave., Chicago, Ill.
 Philadelphia Badge Co., 942 Market, Philadelphia, Pa.
RAND McNALLY & CO., 536 S. Clark St., Chicago, Ill.
 Rehberger Co., A. C., 3333 N. Racine Ave., Chicago, Ill.
 Rehberger Mfg. Co., 1217 Webster Ave., Chicago, Ill.

Robbins Co., The, Hazel & School, Attleboro, Mass.
 Robinson Manufacturing Co., 171 Elm, Westfield, Mass.
 Shaw Advertising Co., 520 Produce Exch. Bldg., Kansas City, Mo.
 Spotswood Specialty Co., Inc., 218 Jefferson, Lexington, Ky.
 Stanwood-Hillson Corp. (The), 14 High, Brookline, Mass.
 Statter Bros., A. J. G., 2514 Delaware Ave., Buffalo, N. Y.
 Strayer Coin Bag Co., 1028 4th Ave., New Brighton, Pa.
 Terre Haute Adv. Co., 1317 Poplar, Terre Haute, Ind.
 Texas Novelty Adv. Co., 117 S. Waco, Hillsboro, Tex.
 Uptown Mfg. Co., 1709 Arthur Ave., Chicago, Ill.
 Vaughn Novelty Mfg. Co., 3211-25 Carroll Ave., Chicago, Ill.
 Victor Novelty Mfg. Co., Lakewood, O.
 Volland Co., P. F., Joliet, Ill.
 Von Senden Co., Arthur, 316 Fourth Ave., Pittsburgh, Pa.
 Voss Co., Herman, 603 E. Water, Milwaukee, Wis.
 Weinman Bros., 305 W. Adams, Chicago, Ill.
 Williams & Co., A. W., 1790 E. 174th, New York, N. Y.
 Wilson-Hurd Co., Wausau, Wis.
 Young & Gardner Co., 655 S. Wells, Chicago, Ill.

SPECIALTIES, CELLULOID

(See Novelties, Celluloid)

SPECIALTIES, LEATHER

(See Novelties, Leather)

SPECIALTIES, METAL

(See Novelties, Metal)

396 SPONGES

Block & Sons, Albert, 36 Walker St., New York, N. Y.

397 STAMP AFFIXERS

(See also Machines, Mailing, Permit)

Multipost Co., 51 Centre Park, Rochester, N. Y.
 Postage Meter Co., 723 Pacific, Stamford, Conn.
 Standard Mailing Machines Co., 1935 Parkway, Everett, Mass.

398 STAMPS, DATING

Acme Stamp Co., 1100 Prospect Ave., Cleveland, Ohio.
 American Numbering Machine Co., 220 Shepherd Ave., Brooklyn, N. Y.
 American Seal & Stamp Co., 120 S. Clark, Chicago, Ill.
 Bankers Savings & Credit System Co., 10302 Madison Ave., Cleveland, O.
 Darling Co., J. C., 734 Kansas Ave., Topeka, Kan.
 Force & Co., Inc., Wm. A., 105 Worth, New York, N. Y.
 Hanson Co., C. H., 303 W. Erie, Chicago, Ill.
 Hay Rubber Stamp Co., 832 Thirteenth St., N. W., Washington, D. C.
 Joslin Mfg. Co., A. D., 123 Arthur, Manistee, Mich.
 Kastens, Henry, 418 W. 27th, New York, N. Y.
 Melind Co., Louis, 362 W. Chicago Ave., Chicago, Ill.
 Messing, Gus D., 315 Jackson, St. Paul, Minn.
 Meyer & Wenthe, 30 S. Jefferson, Chicago, Ill.
 Moise-Klinker Co., 369 Market, San Francisco, Cal.
 Nobler Stamp & Seal Co., Inc., 524 S. Dearborn, Chicago, Ill.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Sachs-Lawlor Co., Inc., 1543 Larimer, Denver, Colo.
 Safford Stamp Works, 205 W. Madison, Chicago, Ill.
 Southern Stamp & Stencil Co., 48 N. Forsyth, Atlanta, Ga.
 Swisher Mfg. Co., R. D., 411-413 S. Clinton, Chicago, Ill.

399 STAMPS, ENDORSEMENT

(See also Check Endorsers and Stamps, Rubber)

Acme Stamp Co., 1100 Prospect Ave., Cleveland, O.

Bankers Savings & Credit System Co., 10302 Madison Ave., Cleveland, O.
 Matthews & Co., Jas. H., 3942 Forbes, Pittsburgh, Pa.
 Melind Co., Louis, 362 W. Chicago Ave., Chicago, Ill.
 Safford Stamp Works, 205 W. Madison, Chicago, Ill.
 Swisher Mfg. Co., R. D., 411-13 S. Clinton, Chicago, Ill.

400 STAMPS, INDEXED

Safford Stamp Works, 205 W. Madison, Chicago, Ill.
 Swisher Mfg. Co., R. D., 411-413 S. Clinton, Chicago, Ill.

401 STAMPS, RUBBER

Acme Stamp Co., 1100 Prospect, Cleveland, O.
 Adams Co., S. G., 412-414 N. 6th, St. Louis, Mo.
 American Seal & Stamp Co., 120 S. Clark, Chicago, Ill.
 Atlanta Rubber Stamp & Stencil Wks., 76 Forsyth St., N. W., Atlanta, Ga.
 Bankers Savings & Credit System Co., 10302 Madison Ave., Cleveland, O.
 Brakmeier Bros., 112 S. 4th Ave., Louisville, Ky.
 Darling Co., J. C., 734 Kansas Ave., Topeka, Kan.
 Eagle Stamp Works, 169 W. Lake, Chicago, Ill.
 Force & Co., Inc., Wm. A., 105 Worth, New York, N. Y.
 Gibson Co., Inc., A. C., 70 Oak, Buffalo, N. Y.
 Hay Rubber Stamp Co., 832 Thirteenth St., N. W., Washington, D. C.
 Irwin-Hodson Co., 115 N. 15th, Portland, Ore.
 Martin & Co., 227 W. Madison, Chicago, Ill.
 Matthews & Co., Jas. H., 3942 Forbes, Pittsburgh, Pa.
 Mayer Co., Geo. J., 36 S. Meridian, Indianapolis, Ind.
 Melind Co., Louis, 362 W. Chicago, Chicago, Ill.
 Messing, Gus D., 315 Jackson, St. Paul, Minn.
 Moise Klinkner Co., 369 Market, San Francisco, Cal.
 Nobler Stamp & Seal Co., Inc., 524 S. Dearborn, Chicago, Ill.
 Sachs-Lawlor Co., Inc., 1543 Larimer, Denver, Colo.
 Safford Stamp Works, 205 W. Madison, Chicago, Ill.
 Southern Stamp & Stencil Co., 48 N. Forsyth, Atlanta, Ga.
 Strayer Coin Bag Co., 1028 4th Ave., New Brighton, Pa.
SWISHER MFG. CO., R. D., 411-413 S. Clinton, Chicago, Ill.
 Taylor Bros. Co., 706 Superior, W., Cleveland, O.

402 STAMPS, STENCIL

Hanson Co., C. H., 303 W. Erie, Chicago, Ill.
 Meyer & Wenthe, 30 S. Jefferson, Chicago, Ill.
 Multistamp Co., Norfolk, Va.

403 STAMPS, TIME

Ajax Time Stamp Co., Inc., 354 Broadway, New York, N. Y.
 Automatic Time Stamp Co., 139 Atlantic Ave., Boston, Mass.
 Commercial Utilities Manufacturing Co., 147-153 Waverly Pl., New York, N. Y.
 Follett Time Recording Co., 217 High, Newark, N. J.
 Insto Recordergraph Co., 1241 High, Oakland, Calif.
 International Business Machine Co., Endicott, N. Y.
 Joslin Mfg. Co., A. D., 123 Arthur, Manistee, Mich.
 Kastens, Henry, 418 W. 27th, New York, N. Y.
 Stromberg Electric Co., 223 W. Erie, Chicago, Ill.
 Thompson Time Stamp Co., Inc., 240 W. 23d, New York, N. Y.

404 STANDS, ADDING MACHINE

Adjustable Table Co., 55 Mt. Vernon Ave., Grand Rapids, Mich.
 Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Flour City Ornamental Iron Co., 27th Ave. & 27th St., Minneapolis, Minn.
 The Harter Corporation, Sturgis, Mich.
 Metal Office Furniture Co., Grand Rapids, Mich.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Sturgis Posture Chair Co., Sturgis, Mich.
 Tubular Specialty Mfg. Co., 1940 Stanley Ave., Detroit, Mich.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

405 STANDS, MECHANICAL POSTING

Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Flour City Ornamental Iron Co., 27th Ave. & 27th St., Minneapolis, Minn.
 Le Febure Corporation, Cedar Rapids, Ia.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

406 STANDS, TYPEWRITER

Adjustable Table Co., 55 Mt. Vernon Ave., Grand Rapids, Mich.
 Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 The Harter Corporation, Sturgis, Mich.
 Hoosier Desk Co., 202 Mill, Jasper, Ind.
 Le Febure Corporation, Cedar Rapids, Ia.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Searles Electric Welding Works, 1850 Fulton, Chicago, Ill.
 Sherman-Manson Mfg. Co., 621-31 Kolmar Ave., Chicago, Ill.
 Sturgis Posture Chair Co., Sturgis, Mich.
 Tiffany Adjustable Stand Co., 3300 N. Broadway, St. Louis, Mo.
 Toledo Metal Furniture Co., 1100 Hastings, Toledo, Ohio.
 Tubular Specialty Mfg. Co., 1940 Stanley Ave., Detroit, Mich.

407 STAPLES

Bates Mfg. Co., Orange, N. J.
 Compo Manufacturing & Sale Co., Westport, Conn.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.

STAPLING MACHINES

(See Machines, Stapling)

STATEMENT BLANKS

(See Forms, Bank)

408 STATEMENTS, DAILY EARNING

Remington Rand Business Service, 465 Washington, Buffalo, N. Y.

409 STATIONERS, MANUFACTURING

American Bank Stationery Co., Curtain, Aiken, Hargest & Aisquith, Baltimore, Md.
 American Bank Supply Co., 628 N. Illinois, Indianapolis, Ind.
 American Calendar Co., Inc., Greeneville, Tenn.
 American Embossing Co., 196 Seneca, Buffalo, N. Y.
BARNARD STATIONERY CO., GEO. D., Vande-venter & Laclede Aves., St. Louis, Mo. (See our adv. on Missouri Index.)
 Beach Printing Co., Will A., 235 N. Phillips Ave., Sioux Falls, S. D.
 Benson & Sons, Inc., Benj. D., 11 Cliff, New York, N. Y.
 Boorum & Pease Co., 84 Hudson, Brooklyn, N. Y.
 Brown-Blodgett Co., 1745 University Ave., St. Paul, Minn.
 Brown, Lent & Pett, Inc., 110 Williams, New York, N. Y.
 Buchan-White Loose Leaf Co., 1906 Pine, St. Louis, Mo.
 Burke Printing Co., Fredonia, Kans.
 Bushong & Co., Park & Stark, Portland, Ore.
 Buxton & Skinner, Printing & Stationery, 306 N. 4th, St. Louis, Mo.
 Childs & Co., S. D., 136 S. Clark, Chicago, Ill.
 Clarke & Courts, 2402 Meehanic, Galveston, Tex.
 Columbus Bank Note Co., 40 E. Spring, Columbus, Ohio.
 Conway Co., H. H., 725 S. Wells, Chicago, Ill.
 Courier-Journal Job Printing Co., 316-328 W. Liberty, Louisville, Ky.
 Crane & Co., Inc., Dalton, Mass.
 Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 Dameron-Pierson Company Ltd., 400 Camp, New Orleans, La.
 Doubleday Bros. & Co., 241 E. Michigan Ave., Kalamazoo, Mich.
 Dow Co., Louis F., 2242 University Ave., St. Paul, Minn.
 Drew Co., H. & W. B., 22-30 W. Bay, Jacksonville, Fla.
 Elebeck Mfg. Co., Turners Falls, Mass.
 Falconer Co., 414 Water, Baltimore, Md.
 Farnham Printing & Stationery Co., 417 Hennepin Ave., Minneapolis, Minn.
 Feley & Co., Henry N., 202 Centre, New York, N. Y.
 Foote & Davies Co., Edgewood & Pryor, Atlanta, Ga.
 Forbes Lithograph Mfg. Co., P. O. Box 5130, Boston, Mass.
FT. WAYNE PRINTING CO., 119-130 Holman, Ft. Wayne, Ind. (See our adv. on this page.)
 Gast Bank Note Co., 4189 Chippewa, St. Louis, Mo.
 Gilbert Paper Co., Menasha, Wis.
 Hall Lithographing Co., 623 Kansas Ave., Topeka, Kan.
 Hampshire Paper Co., So. Hadley Falls, Mass.
 Hutson & Co., C. S., 555-561 S. San Pedro, Los Angeles, Cal.
 International Paper Co., 100 E. 42d, New York, N. Y.

Irwin-Hodson Co., 115 N. 15th, Portland, Ore.
 Kansas Bank Note Co., Fredonia, Kan.
 Kennedy Printing Co., 609-611 Monroe, Fredonia, Kan.
 Klipto Loose Leaf Co., Mason, Ia.
 Le Febure Corporation, Cedar Rapids, Ia.
 Levey Ptg. Co., State House Square, Indianapolis, Ind.
 Lloyd Co., W. G., 626 S. Clark, Chicago, Ill.
 Long Island Printing & Lithographing Co., Inc., 137 Jackson, Hempstead, N. Y.
 Mann Co., Wm., 529 Market, Philadelphia, Pa.
 Marshall-Jackson Co., 26 S. Clark, Chicago, Ill.
 Marx-Lyons Co., 23 N. 10th, Philadelphia, Pa.
 McDonald Ledger & Loose Leaf Co., 1809 Summerdale, Chicago, Ill.
 Northern Bank Note Co., 2340 N. Racine Ave., Chicago, Ill.
 Office Efficiency Distributors Co., 200 Davis, San Francisco, Cal.
 Orthwine, R., 344 W. 34th, New York, N. Y.
 Parsons Paper Co., 84 Sargeant, Holyoke, Mass.
 Pembroke Co., 24 E. Broadway, Salt Lake City, Utah.
 Pettibone & Co., P. F., 27 N. Desplaines, Chicago, Ill.
 Pioneer, Inc., 12th & A. Sts., Tacoma, Wash.
 Pugh & Co., H. G., 1000 Center, Little Rock, Ark.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Reynolds & Reynolds Co., Washington & Dudley, Dayton, Ohio.
 Richmond & Backus Co., Woodward at Congress, Detroit, Mich.
 Schooley Printing & Stationery Co., 718 Delaware, Kansas City, Mo.
 Schwabacher-Frey Sta. Co., 735 Market, San Francisco, Cal.
 Shaw-Walker Co., The, Muskegon, Mich.
 Smith Co., Oscar T., & Son, 407-11 E. Saratoga, Baltimore, Md.
 Smith-Brooks Ptg. Co., 1733 California, Denver, Colo.
 Smith Ptg. Co., 225 E. 3d, Williamsport, Pa.
 Southworth Co., Mittineague, Mass.
 Stafford-Lowdon Co., 610 W. Daget, Ft. Worth, Tex.
 Standard Printing Co., 201-205 N. 3d, Hannibal, Mo.
 Stewart Warren & Co., Inc., 480 Canal, New York, N. Y.
 Thompson & Co., Arthur, 109 Market Place, Baltimore, Md.
 Toof & Co., S. C., 195 Madison, Memphis, Tenn.
 Union Paper & Twine Co., 116 St. Clair Ave., N. W., Cleveland, Ohio.
 Walker, Evans & Cogswell Co., 3 Broad, Charleston, S. C.
 Watt & Gillogly, Inc., 7 S. Dearborn, Chicago, Ill.
 Young & Selden Co., 224 N. Calvert, Baltimore, Md., Philadelphia and Pittsburgh.

410 STATIONERY, FANFOLD

American Sales Book Co., Ltd., Elmira, N. Y.
GILMAN FANFOLD CORPORATION, LTD., Buffalo Ave., at 10th, Niagara Falls, N. Y.
 Hamilton Autographic Register Co., 802 Symmes Ave., Hamilton, O.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Vawter Manifold Co., Benton Harbor, Mich.

STATISTICAL SERVICE

(See Service, Statistical)

STEEL SAFES, MANGANESE

(See Safes, Manganese Steel)

411 STENCIL PAPER—DUPLICATING

Dick Co., A. B., 720 W. Jackson Blvd., Chicago, Ill.

412 STENCILS

Arlac Dry Stencil Corp., 424 Fourth Ave., Pittsburgh, Pa.
 Atlanta Rubber Stamp & Stencil Wks., 76 Forsyth, N. W., Atlanta, Ga.
 Bankers Savings & Credit System Co., 10302 Madison Ave., Cleveland, O.
 Brakmeier Bros., 112 S. 4th Ave., Louisville, Ky.
 Darling Co., J. C., 734 Kansas Ave., Topeka, Kan.
 Fibroin Stencil Corp., 300 W. Adams, Jacksonville, Fla.
 Martin & Co., 227 W. Madison, Chicago, Ill.
 Melind Co., Louis, 362 W. Chicago, Chicago, Ill.
 Moise-Klinkern Co., 369 Market, San Francisco, Cal.
 National Sign Stencil Co., 1602 University Ave., St. Paul, Minn.
 Rotospeed Co., The, 5th & Wilkinson, Dayton, O.
 Sachs-Lawlor Co., 1543 Larimer, Denver, Colo.
 Safford Stamp Works, 205 W. Madison, Chicago, Ill.
 Swisher Mfg. Co., R. D., 411-13 S. Clinton, Chicago, Ill.

STENCILS, ADDRESSING MACHINES

(See Machines, Addressing)

STEPS, VAULT

(See Vault Steps)

413 STEREOPTICONS

Lockren Film & Slide Co., Wm. A., 16 N. 4th, Minneapolis, Minn.

414 STICKERS

Fenton Label Co., Inc., 506 Race, Philadelphia, Pa.
 Miller Bank Service, 5775 Ridge, Chicago, Ill.
 St. Louis Sticker Co., 1627 Washington, St. Louis, Mo.
 Tablet & Ticket Co., 1021 W. Adams, Chicago, Ill.

STOP-PAYMENT CHECK LISTS

(See Check Lists, Stop-payment)

STORAGE EQUIPMENT

(See Equipment, Storage; and Cabinets, Storage)

415 STRAPS, BINDING

Ames Safety Envelope Co., 55 Sudbury, Boston, Mass.
 Bushnell Co., Alvah, 13th & Wood, Philadelphia, Pa.
 Package Binder Co. (The), Commonwealth Bldg., Annex, Pittsburgh, Pa.
 Security Envelope Co., 2900 Fifth Ave., Minneapolis, Minn.

416 STRAPS, CURRENCY

Abbott Coin Counter Co., 143d & Wales, New York, N. Y.
 American Bindery Corp., 1310 Maple, Detroit, Mich.
 Bankers Printing Co., 836 Montgomery, San Francisco, Cal.
 Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 Dennison Mfg. Co., 300 Howard, Framingham, Mass.
 Downey Co., C. L., 941 Clark, Cincinnati, Ohio.
 Empire Notion Co., 270 W. 38th, New York, N. Y.
 The Exline Co., 113 St. Clair Ave., N. E., Cleveland, Ohio.
 Ideal Coin Container Co., 136 Fulton, Brooklyn, N. Y.
 Package Binder Co. (The), Commonwealth Bldg., Annex, Pittsburgh, Pa.
 Reyburn Mfg. Co., 32d & Allegheny, Philadelphia, Pa.
 Richmond & Backus Co., Woodward at Congress, Detroit, Mich.
 Sebastian & Company, 224 N. Desplaines, Chicago, Ill.
 Spurgin Mfg. Co., 7011 Vincennes, Chicago, Ill.
 Standard-Johnson Co., Inc., 371 Pacific, Brooklyn, N. Y.
 Strayer Coin Co., 1028 4th Ave., New Brighton, Pa.
 Young & Selden Co., 224 N. Calvert, Baltimore, Md.
 Zimmerman & Murry, 107 W. Penn., Whittier, Cal.
 Zimmerman Bros. & Co., 4020 Michigan, Chicago, Ill.

STREET CAR ADVERTISING

(See Advertising, Street Car)

417 SUPPLIES, ADDRESSING MACHINE

(See also specific headings)

Central Paper Co., Menasha, Wis.
 Crown Ribbon & Carbon Mfg. Co., 782 St. Paul, Rochester, N. Y.
 Edgewater Paper Co., Menasha, Wis.
 Paper Specialty Co., Wausau, Wis.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Union Paper & Twine Co., 116 St. Clair Ave. N. W., Cleveland, Ohio.
 Yankee Paper Specialty Co., Menasha, Wis.

Fort Wayne Printing Co.
 FORT WAYNE, INDIANA
BANK STATIONERS
 Printers :: Lithographers
 OFFICE SUPPLIES BLANK BOOKS

418 SUPPLIES, BANK & OFFICE

Adams-Lessack Co., 1507 Arch St., Philadelphia, Pa.
 Adams Mfg. Co., Henry T., 8561 S. Chicago Ave., Chicago, Ill.
 The Albemarle Paper Mfg. Co., Richmond, Va.
 Allen-Marshall Co., Ivan, 40 Marietta, Atlanta, Ga.
 Aluminum Index Co., Edgewater, N. J.
 American Clip Co., Beebe Ave. & William, Long Island City, N. Y.
 American Lead Pencil Co., 500 Willow Ave., Hoboken, N. J.
 American Tablet & Stationery Co., Green Bay, Wis.
 Atlanta Rubber Stamp & Stencils Wks., 76 Forsyth, N. W., Atlanta, Ga.
 Automatic Pencil Sharpener Co., 58 E. Washington, Chicago, Ill.
 Baker Paper Co., Oshkosh, Wis.
 Bankers Printing Co., 836 Montgomery, San Francisco, Cal.
BARNARD STATIONERY CO., GEO. D., Vandeventer & Laclede Aves., St. Louis, Mo.
 Beach Printing Co., Will A., 235 N. Phillips Ave., Sioux Falls, S. D.
 Boorum & Pease Co., 84 Hudson, Brooklyn, N. Y.
 Brown-Blodgett Co., 1745 University Ave., St. Paul, Minn.
 Brown, Lent & Pett, Inc., 110 William, New York, N. Y.
 Buchan-White Loose Leaf Co., 1906 Pine St., St. Louis, Mo.
 Burford Printing Co., Wm. B., 40 S. Meridian, Indianapolis, Ind.
 Buxton & Skinner Printing & Stationery Co., 306 N. 4th, St. Louis, Mo.
 Carithers & Co., 128 N. Wells, Chicago, Ill.
 Central Office Equip. Co., 120 W. Washington, Fort Wayne, Ind.
 Chicago Central Tablet Mfg. Co., 919 W. 19th, Chicago, Ill.
 Courier Journal Job Printing Co., 326 W. Liberty, Louisville, Ky.
 Currier Manufacturing Co., Northwestern Terminal, Minneapolis, Minn.
 Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 Dameron-Pierson Company Ltd., 400 Camp, New Orleans, La.
 Defance Sales Corp., 72-78 Spring, New York, N. Y.
 Desk Wood Specialties Co., 199 S. Pelham, Detroit, Mich.
 Dixon Crucible Co., John, Wayne & Monmouth, Jersey City, N. J.
 Doubleday Bros. & Co., 241 E. Michigan Ave., Kalamazoo, Mich.
 Dow Co., Louis F., 2242 University Ave., St. Paul, Minn.
 Eastern Tablet Corp., Albany, N. Y.
 Elkhart Stationery Co., Elkhart, Ind.
 Empire Notion Co., 270 W. 38th, New York, N. Y.
 Erie Art Metal Co., Erie, Pa.
 Falconer Co., 414 Water, Baltimore, Md.
 Flammger & Grahl Blank Book Co., 318 N. 3d, St. Louis, Mo.
 Foote & Davies Co., Edgewood & Pryor, Atlanta, Ga.
FT. WAYNE PRINTING CO., 119-130 Holman, Ft. Wayne, Ind.
 Gibson Co., Inc., A. C., 70 Oak, Buffalo, N. Y.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Graff-Underwood Co., 54 Washburne Ave., Cambridge, Mass.
 Grammes & Sons, L. F., Allentown, Pa.
 Hadley Co., Chas. R., 330 N. Los Angeles, Los Angeles, Calif.
 Hall Lithographing Co., 623 Kansas Ave., Topeka, Kan.
 Hammond Printing Co., 101-5 E. 5th, Fremont, Neb.
 Handy-Roll Co., 1245-1247 34th Ave., Oakland, Calif.
 Horder's, Inc., 231 S. Jefferson, Chicago, Ill.
 Invincible Metal Furniture Co., Manitowoc, Wis.
 The Irwin-Hodson Co., 115 N. 15th, Portland, Ore.
 The Joplin Printing Co., Inc., 509 Joplin, Joplin, Mo.
 Kalamazoo Stationery Co., Kalamazoo, Mich.
 Kamrass & Sons, H., 110 W. 17th, New York, N. Y.
 Kansas Bank Note Co., Fredonia, Kan.
 Kennedy Printing Co., 609-611 Monroe, Fredonia, Kan.
 Klipto Loose Leaf Co., 15-17 So. Delaware, Mason, Iowa.
 Kohlhaas Co., 204 N. Dearborn, Chicago, Ill.
 Le Febure Corporation, Cedar Rapids, Ia.
 Levey Printing Co., State House Square, Indianapolis, Ind.
 Lloyd Co., W. G., 626 S. Clark, Chicago, Ill.
 Mann Co., Wm., 529 Market, Philadelphia, Pa.
 Martell Co., A. E., Congress St., Keene, N. H.
 Marx-Lyons Co., 23 N. 10th, Philadelphia, Pa.
 Miller-Davis Co., 219 S. 4th, Minneapolis, Minn.
 Myself-Rollins Bank Note Co., 500 Sansome, San Francisco, Cal.
 Office Efficiency Distributors Co., 200 Davis, San Francisco, Cal.
 Office Systems Co., 548 Main, Cincinnati, O.
 Orthwine, R., 344 W. 34th, New York, N. Y.

Pembroke Co., 24 E. Broadway, Salt Lake City, Utah.
 Pettibone & Co., P. F., 27 N. Desplaines, Chicago, Ill.
 Phillips Ribbon & Carbon Co., 61 Halstead, Rochester, N. Y.
 Pioneer, Inc., 12th & A, Tacoma, Wash.
 Polar Mfg. Co., 401 N. Broad, Philadelphia, Pa.
 Pugh & Co., H. G., 100 Center, Little Rock Ark.
REMINGTON RAND BUSINESS SERVICE, 465 Washington, Buffalo, N. Y.
 Richmond & Backus Co., The, Woodward at Congress, Detroit, Mich.
 Robinson Mfg. Co., 171 Elm, Westfield, Mass.
 Safford Stamp Works, 205 W. Madison, Chicago, Ill.
 Schwabacher-Frey Stationery Co., 735 Market, San Francisco, Cal.
 Scripto Manufacturing Co., 146 Jackson, N. E., Atlanta, Ga.
 Sebastian & Co., 224 N. Desplaines, Chicago, Ill.
 Shaw-Walker Co., The, Muskegon, Mich.
 Smith Co., Oscar T. & Son, 407-411 E. Saratoga, Baltimore, Md.
 Smith Tablet Co., The, Huntingdon, Pa.
 Southern States Ptg. Co., Inc., 117 So. Hill St., Griffin, Ga.
 Strayer Coin Bag Co., 1028-4th Ave., New Brighton, Pa.
 Stuart-Hooper Co., 5431 S. Wabash Ave., Chicago, Ill.
 Swisher Mfg. Co., R. D., 411-13 S. Clinton, Chicago, Ill.
 Todd Co., The, 1185 University Ave., Rochester, N. Y.
 Twentieth Century Co., 542 S. Dearborn, Chicago, Ill.
 Union Paper & Twine Co., 116 St. Clair Ave., N.W., Cleveland, Ohio.
 United States Check Book Co., 1309-1315 Howard, Omaha, Neb.
 Walker, Evans & Cogswell Co., 3 Broad, Charleston, S. C.
 Weis Mfg. Co., Union, Monroe, Mich.
 Widman & Sons Co., Inc., J. F., McGregor, Ia.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.
 Young & Selden Co., 224 No. Calvert, Baltimore, Md.
 Zimmerman Bros. & Co., 4020 Michigan, Chicago, Ill.

SUPPLIES, CHRISTMAS CLUB

(See Christmas Savings)

419 SUPPLIES, DEPOSIT TICKET FILES

Beck Specialty Co., 621 Jefferson, Waterloo, Ia.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Shaw-Walker Co., The, Muskegon, Mich.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

420 SUPPLIES, FILING

Acme Card System Co., 118 S. Michigan, Chicago, Ill.
 Amberg File & Index Co., 1400 Fulton, Chicago, Ill.
 Ames Safety Envelope Co., 55 Sudbury, Boston, Mass.
 Automatic File & Index Co., 427 W. Randolph, Chicago, Ill.
 Bankers Box Co., 536 S. Clark, Chicago, Ill.
 Bushnell Co., Alvah, 13th & Wood, Philadelphia, Pa.
 Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 General Fireproofing Co., Youngstown, O.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Hub Mfg. Co., J. C., 1760 E. 22d, Cleveland, O.
 Invincible Metal Furniture Co., Manitowoc, Wis.
 Le Febure Corp., Cedar Rapids, Iowa.
 Lexington Desk Co., Inc., 157 E. 44th, New York, N. Y.
 Lloyd Co., W. G., 626 S. Clark, Chicago, Ill.
 Macey Co., The, 1520 Division Ave., S., Grand Rapids, Mich.
 Oxford Filing Supply Co., 340 Morgan Ave., Brooklyn, N. Y.
 Prestel Engineering Co., 52 Vanderbilt Ave., New York, N. Y.
REMINGTON RAND BUSINESS SERVICE, Buffalo, N. Y.
 Shaw-Walker Co., Muskegon, Mich.
 Strayer Coin Bag Co., 1028 4th Ave., New Brighton, Pa.
 Wagemaker Co., 566 Market, S. W., Grand Rapids, Mich.
 Weis Mfg. Co., Union, Monroe, Mich.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

SUPPLIES, FILING, CARD

(See Supplies, Filing)

421 SUPPLIES, LOOSE LEAF

Boorum & Pease Co., 84 Hudson, Brooklyn, N. Y.
 Brown Paper Co., L. L., Adams, Mass.
 Brown, Lent & Pett, Inc., 110 William, New York, N. Y.
 Buchan-White Loose Leaf Co., 1906 Pine, St. Louis, Mo.
 Buxton & Skinner Printing & Stationery Co., 306 N. 4th, St. Louis, Mo.
 Commercial Lithographing Co., 825 W. Market, Louisville, Ky.
 Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 Dow Co., Louis F., 2242 University Ave., St. Paul, Minn.
 Foote & Davies Co., Edgewood & Pryor, Atlanta, Ga.
 Ft. Wayne Printing Co., 119-130 Holman, Ft. Wayne, Ind.
 Gilbert Paper Co., Menasha, Wis.
 Hadley Co., Charles R., 330 N. Los Angeles, Los Angeles, Calif.
 Hall Lithographing Co., 623 Kansas Ave., Topeka, Kan.
 Horder's, Inc., 231 S. Jefferson, Chicago, Ill.
 The Joplin Printing Co., Inc., 509 Joplin, Joplin, Mo.
 Joyce Filing Co., Edw. J., 56 Washington, Chicago, Ill.
 Lefax (Inc.), 9th & Sansom, Philadelphia, Pa.
 Le Febure Corp., Cedar Rapids, Iowa.
 Mann Co., Wm., 529 Market, Philadelphia, Pa.
 Martell Co., A. E., Congress St., Keene, N. H.
 McBee Binder Co., Smith, Athens, Ohio.
 Marshall-Jackson Co., 26 S. Clark, Chicago, Ill.
 Moore Corp., John C., 65 Stone, Rochester, N. Y.
 National Blank Book Co., Riverside, Holyoke, Mass.
 Pembroke Co., 24 E. Broadway, Salt Lake City Utah.
REMINGTON RAND BUSINESS SERVICE, Buffalo, N. Y.
 Shaw-Walker Co., The, Muskegon, Mich.
 Sheppard, C. E., & Co., Van Alst & 14th, Long Island, N. Y.
 Smith-Brooks Ptg. Co., 1733 California, Denver, Colo.
 Southern States Printing Co., Inc., 117 So. Hill St., Griffin, Ga.
 Tallman Robbins & Co., 314 W. Superior, Chicago, Ill.
 United States Check Book Co., 1309-1315 Howard, Omaha, Neb.
 Widman & Sons Co., Inc., J. F., McGregor, Ia.
 Wilson-Jones Co., 3300 Franklin, Chicago, Ill.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

422 SUPPLIES, MACHINE BOOKKEEPING

Aluminum Index Co., Edgewater, N. J.
 Curtis 1000, Inc., 1000 University Ave., St. Paul, Minn.
 Ft. Wayne Printing Co., 119-130 Holman, Ft. Wayne, Ind.
 Hadley Co., Charles R., 330 N. Los Angeles, Los Angeles, Calif.
 The Joplin Printing Co., Inc., 509 Joplin, Joplin, Mo.
 Kennedy Printing Co., 609-611 Monroe, Fredonia, Kan.
 Le Febure Corp., Cedar Rapids, Iowa.
 McDonald Ledger & Loose Leaf Co., 1809 Summerdale, Chicago, Ill.
 Mann Co., Wm., 329 Market, Philadelphia, Pa.
 Martell Co., A. E., Congress St., Keene, N. H.
 National Blank Book Co., Riverside, Holyoke, Mass.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Richmond & Backus Co., Woodward at Congress, Detroit, Mich.
 Shaw-Walker Co., Muskegon, Mich.
 Sheppard Co., C. E., Van Alst & 14th, Long Island, N. Y.
 Southern States Ptg. Co., Inc., The, Griffin, Ga.
 Wilson-Jones Co., 3300 Franklin Blvd., Chicago, Ill.
 Workman Mfg. Co., 1200 W. Monroe, Chicago, Ill.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.
 Young & Selden Co., 224 N. Calvert, Baltimore, Md.

423 SUPPLIES, PHOTO COPYING MACHINE

Agfa Ansco Corporation, 29 Charles, Binghamton, N. Y.

424 SUPPLIES, TYPEWRITER

Clarotype Company, Inc., 16 Hudson, New York, N. Y.
 Crown Ribbon & Carbon Mfg. Co., 782 St. Paul, Rochester, N. Y.
 Manifold Supplies Co., 188 Third Ave., Brooklyn N. Y.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Ros Rol, Typewriter Roller Cleaner Co., 128 E. Main, Norristown, Pa.
 United States Pencil Co., Inc., 487 Broadway, New York, N. Y.
 Webster Co., Inc., F. S., 340 Congress, Boston, Mass.

425 SYSTEMS, ACCOUNTING

Arnold Himmelblau & Co., 140 S. Dearborn, Chicago, Ill.
 Foote Adap-Table Systems Co., 1760 E. 22nd, Cleveland, O.
 Le Febure Corporation, Cedar Rapids, Ia.
 Lloyd & Co., W. G., 626 S. Clark, Chicago, Ill.
 Martell Co., A. E., Congress St., Keene, N. H.
MORAN, B. T., INC., 400 N. Michigan Ave., Chicago, Ill.
 National Blank Book Co., Riverside, Holyoke, Mass.
 Shaw-Walker Co., The, Muskegon, Mich.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

426 SYSTEMS, BUDGET, HOME

Barnes Printing Co., 1718 Fulford, Kalamazoo, Mich.
 Mills-Broderick Prtg. Co., 337 Monroe, Grand Rapids, Mich.
 National Blank Book Co., Riverside, Holyoke, Mass.
 Smith-Brooks Printing Co., 1733 California, Denver, Colo.
 Staples & Staples, Inc., 10 S. 10th, Richmond, Va.

SYSTEMS, CHRISTMAS SAVINGS

(See Christmas Savings)

427 SYSTEMS, COLLECTION

Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 Martell Co., A. E., Congress St., Keene, N. H.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

428 SYSTEMS, FILING

Aluminum Index Co., Edgewater, N. J.
 Amberg File & Index Co., 1400 Fulton, Chicago, Ill.
 Automatic File & Index Co., 427 W. Randolph, Chicago, Ill.
 General Fireproofing Co., Youngstown, Ohio.
 Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Invincible Metal Furniture Co., Manitowoc, Wis.
 Le Febure Corporation, Cedar Rapids, Ia.
 Macey Co., The, 1520 Division Ave., So., Grand Rapids, Mich.
 Marshall Jackson Co., 26 S. Clark, Chicago, Ill.
 Metal Office Furniture Co., Grand Rapids, Mich.
 Oxford Filing Supply Co., 340 Morgan Ave., Brooklyn, N. Y.
 Pressteel Engineering Corporation, 52 Vanderbilt Ave., New York, N. Y.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Shaw-Walker Co., Muskegon, Mich.
 Steel Fixture Mfg. Co., E. 7th & Adams, Topeka, Kan.
 Victor Safe & Equipment Co., The, Marietta, O.
 Wagemaker Co., Grand Rapids, Mich.
 Weis Mfg. Co., Union, Monroe, Mich.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

429 SYSTEMS, FILING, CARD

(See also Systems, Filing)

Amberg File & Index Co., 1400 Fulton, Chicago, Ill.
 Findex Co., 1560 W. Pierce St., Milwaukee, Wis.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Le Febure Corporation, Cedar Rapids, Ia.

Postindex Co., Inc., Jamestown, N. Y.
 Pressteel Engineering Corp., 52 Vanderbilt Ave., New York, N. Y.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Shaw-Walker Co., Muskegon, Mich.
 Wagemaker Co., Grand Rapids, Mich.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester N. Y.

SYSTEMS, INTER-COMMUNICATING

(See Telautographs; Telephones, Inter-Communicating; and Systems, Signaling)

430 SYSTEMS, LEDGER

Boorum & Pease Co., 84 Hudson, Brooklyn, N. Y.
 Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 Le Febure Corp., Cedar Rapids, Iowa.
 Lloyd Co., W. G., 626 S. Clark, Chicago, Ill.
 Mann Co., Wm., 529 Market, Philadelphia, Pa.
 Martell Co., A. E., Congress St., Keene, N. H.
 McDonald Ledger & Loose Leaf Co., 1809 Sumnerdale, Chicago, Ill.
 Moore Corp., John C., 65 Stone, Rochester, N. Y.
 National Blank Book Co., Riverside, Holyoke, Mass.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Shaw-Walker Co., The, Muskegon, Mich.
 Wilson-Jones Co., 3300 Franklin, Chicago, Ill.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

431 SYSTEMS, LEDGER, CARD

Aeone Card System Co., 8 S. Michigan, Chicago, Ill.
 Automatic File & Index Co., 427 W. Randolph, Chicago, Ill.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Le Febure Corporation, Cedar Rapids, Ia.
 Lloyd Co., W. G., 626 S. Clark, Chicago, Ill.
 Martell Co., A. E., Congress St., Keene, N. H.
 McDonald Ledger & Loose Leaf Co., 1809 Sumnerdale, Chicago, Ill.
 Postindex Co., Inc., Jamestown, N. Y.
 Pressteel Engineering Corporation, 42 Vanderbilt Ave., New York, N. Y.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

432 SYSTEMS, LOOSE LEAF

Allen-Marshall Co., Ivan, 40 Marietta, Atlanta, Ga.
 Boorum & Pease Co., 84 Hudson, Brooklyn, N. Y.
 Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 Dameron-Pierce Company Ltd., 400 Camp, New Orleans, La.
 Doubleday Bros. & Co., 241 Michigan Ave., Kalamazoo, Mich.
 Hadley Co., Charles R., 330 N. Los Angeles, Los Angeles, Calif.
 Hall Lithographing Co., 623 Kansas Ave., Topeka, Kan.
 Heinn Company, 335 Florida, Milwaukee, Wis.
 Lefax (Inc.), 9th & Sansom, Philadelphia, Pa.
 Le Febure Corp., Cedar Rapids, Iowa.
 Lloyd Co., W. G., 626 S. Clark, Chicago, Ill.
 Mann Co., Wm., 529 Market, Philadelphia, Pa.
 Martell Co., A. E., Congress St., Keene, N. H.
 McDonald Ledger & Loose Leaf Co., 1809 Sumnerdale, Chicago, Ill.
 Moore Corp., John C., 65 Stone, Rochester N. Y.
 National Blank Book Co., Riverside, Holyoke, Mass.
 Remington Rand Business Service, 465 Washington Buffalo, N. Y.
 Richmond & Backus Co., Woodward at Congress, Detroit, Mich.
 Shaw-Walker Co. The, Muskegon, Mich.
 Sheppard Co., C. E., Van Alst & 14th, Long Island City, N. Y.
 Stationers Loose Leaf, 350 Broadway, Milwaukee, Wis.
 Tallman Robbins & Co., 314 W. Superior, Chicago, Ill.
 Wilson-Jones Co., 3300 Franklin, Chicago, Ill.
 Yawman & Erbe Mfg. Co. 1099 Jay St., Rochester, N. Y.

433 SYSTEMS, MACHINE BOOKKEEPING

(See also Machines, Bookkeeping)

Boorum & Pease Co., 84 Hudson, Brooklyn, N. Y.
 Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 Doubleday Bros. & Co., 241 E. Michigan Ave., Kalamazoo, Mich.
 Hadley Co., Charles R., 330 N. Los Angeles, Los Angeles, Calif.
 Le Febure Corp., Cedar Rapids, Iowa.
 Martell Co., A. E., Congress St., Keene, N. H.
 McDonald Ledger & Loose Leaf Co., 1809 Sumnerdale, Chicago, Ill.
 National Blank Book Co., Riverside, Holyoke, Mass.
 Postindex Co., Jamestown, N. Y.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Tallman Robbins Co., 314 W. Superior, Chicago, Ill.
 Wilson-Jones Co., 3300 Franklin, Chicago, Ill.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

434 SYSTEMS, MAP

The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Multiplex Display Fixture Co., 918 No. 10th St., St. Louis, Mo.
RAND MCNALLY & CO., 536 S. Clark St., Chicago, Ill.

SYSTEMS, SAFE DEPOSIT

(See Safe Deposit Records)

SYSTEMS, SAVINGS

(See specific headings; Christmas Savings, Industrial Savings, School Savings, etc.)

435 SYSTEMS, SIGNALING

Auto Call Col, Shelby, Ohio.
 Danne, Harold A., 41 Park Row, New York, N. Y.

T**436 TABLES, DIRECTORS**

(See also Furniture)

Claus Mfg. Co., The A., 5250 Brookpark Rd., Cleveland, Ohio.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Jamestown Metal Equipment Co., Inc., 1088 Allen, Jamestown, N. Y.
 Macey Co., The, 1520 Division Ave., So., Grand Rapids, Mich.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

437 TABLES, INTEREST

Financial Publishing Co., 9 Newbury, Boston, Mass.
 Lefax (Inc.), 9th & Sansom, Philadelphia, Pa.
 Meilicke Systems, Inc., 3466 N. Clark, Chicago, Ill.
TWENTIETH CENTURY CO., 542 S. Dearborn, Chicago, Ill.

438 TABLES, TRAY

Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Le Febure Corp., Cedar Rapids, Iowa.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Watson Mfg. Co., Jamestown, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

439 TABLES, TYPEWRITER (ADJUSTABLE)

Adjustable Table Co., 55 Mt. Vernon Ave., Grand Rapids, Mich.
 Angle Steel Stool Co., Inc., 2 Oak, Plainwell, Mich.
 The Harter Corporation, Sturgis, Mich.

440 TABLETS, BRONZE

American Bronze Co., 1316 W. 63d, Chicago, Ill.
 Art in Bronze Co., Inc., 1621 E. 41st, Cleveland, O.
 Atlas Bronze Mfg. Co., 2640-2648 N. Maplewood Ave., Chicago, Ill.
 Baldwin Brass Works, 321 S. California Ave., Chicago, Ill.
 Brakmeier Bros., 112 S. 4th Ave., Louisville, Ky.
 Chicago Architectural Bronze Co., 1948 W. Ohio, Chicago, Ill.
 Chicago Thrift Co., 1100 Washington, Chicago, Ill.
 Corbin, P. & F., Park St., New Britain, Conn.
 Davenport-Taylor Corp., 412 Orleans, Chicago, Ill.
 Dobie & Co., Arthur L., 523 N. Halsted, Chicago, Ill.
 Faries Mfg. Co., 1036 E. Grand Ave., Decatur, Ill.
 Flour City Ornamental Iron Co., 27th Ave. & 27th St., Minneapolis, Minn.
 Gibson, Company, A. C., 70 Oak, Buffalo, N. Y.
 Guth Co., Edwin F., 2615 Washington Ave., St. Louis, Mo.
 Harsch Bronze & Foundry Co., John, 11612 Madison Ave., Cleveland, Ohio.
 Imperial Brass Mfg. Co., 1200 W. Harrison, Chicago, Ill.
 Matthews & Co., Jas. H., 3942 Forbes, Pittsburgh, Pa.
 Michaels Art Bronze Co., Inc., 230 Scott, Covington, Ky.
 National Art Works, Inc., 710 Greer Ave., Covington, Ky.
 Newman Mfg. Co., Cleneay Ave. & N. & W. R. R., Cincinnati, O.
 Oregon Brass Works, 2d & Everett, Portland, Ore.
 Price Brothers, Inc., 2640-2648 N. Maplewood Ave., Chicago, Ill.
 Safford Stamp Works, 205 W. Madison, Chicago, Ill.
 Southern Brass Mfg. & Plating Co., 6614-6620 Harrisburg Blvd., Houston, Tex.
TWENTIETH CENTURY CO., 542 S. Dearborn, Chicago, Ill.
 Tyler Co., W. S., Cleveland, Ohio.
 United States Bronze Sign Co., 217-219 Centre, New York, N. Y.
 Usona Mfg. Co., 3512 Chouteau, St. Louis, Mo.
 Williams, Inc., John, 542 W. 27th, New York, N. Y.
 Zimmerman Bros. & Co., 4020 Michigan Ave., Chicago, Ill.

441 TACKS, MAP

Graff-Underwood Co., 54 Washburn Ave., Cambridge, Mass.
 Moore Push-Pin Co., 113 Berkley, Philadelphia, Pa.
RAND McNALLY & CO., 536 S. Clark St., Chicago, Ill.

442 TAGS, MAILING

Cupples Envelope Co., Samuel, 628 S. 6th, St. Louis, Mo.
 Pavey Envelope & Tag Co., 36 Green, Newark, N. J.
 Porter Safety Seal Co., 267 N. California, Chicago, Ill. (See our adv. on this page.)
 Shuman Co., Frank G., 771 W. Jackson Blvd., Chicago, Ill.
 Union Paper & Twine Co., 116 St. Clair Ave., N.W., Cleveland, Ohio.

443 TAGS, REGISTERED MAIL

PORTER SAFETY SEAL CO., 267 N. California, Chicago, Ill. (See our adv. on this page.)

444 TAPE, GUMMED

Handy-Roll Co., 1245-1247 34th Ave., Oakland, Calif.
 Liberty Paper Co., Inc., 203 Lafayette, New York, N. Y.
 Package Binder Co., The, Commonwealth Bldg. Annex, Pittsburgh, Pa.
 Union Paper & Twine Co., 116 St. Clair Ave., N.W., Cleveland, Ohio.
 Zimmerman Bros. & Co., 4020 Michigan Ave., Chicago, Ill.

TAPE SEALING MACHINES

(See Machines, Sealing, Gummed Tape)

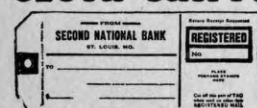
TAX SERVICE

(See Service Tax)

445 TEAR GAS PROTECTIVE EQUIPMENT

FEDERAL LABORATORIES, INC., 185 41st Street, Pittsburgh, Pa.

CLOTH SHIPPING TAGS



*Samples
mailed on
request*

Porter Safety Seal Co.
 265 N. California Ave., CHICAGO

446 TELAUTOGRAPHS

TELAUTOGRAPH CORP., 16 W. 61st, New York, N. Y.

447 TELEPHONE ATTACHMENTS

(See also Brackets and Indexes, Telephone)

Hush-A-Phone Corp., 43 W. 16th, New York, N. Y.
 Mellicke Systems, Inc., 3466 N. Clark, Chicago, Ill.

448 TELEPHONE MOUTHPIECES (GLASS)

American Electric Co., Inc., 6401 S. State, Chicago, Ill.
 Colytt Laboratories, 565 W. Washington, Chicago, Ill.

449 TELEPHONES, INTER-COMMUNICATING

American Telephone & Telegraph Co., 195 Broadway, New York, N. Y.
 Automatic Electric Co., Inc., 1027 W. Van Buren, Chicago, Ill.
 Dictograph Products Corp., 220 W. 42d, New York, N. Y.
 Graybar Electric Co., Graybar Bldg., New York, N. Y.

450 TELLERS-BOOKKEEPERS INTER-COMMUNICATING SYSTEMS

TELAUTOGRAPH CORP., 16 W. 61st, New York, N. Y.

451 TERRA COTTA

American Terra Cotta & Ceramic Co., 228 N. La Salle, Chicago, Ill.
 Atlanta Terra Cotta Co., Citizens & Southern Bank Bldg., Atlanta, Ga.
 Midland Terra Cotta Co., 105 W. Monroe, Chicago, Ill.
 Northwestern Terra Cotta Co., 2525 Clybourn, Chicago, Ill.
 Winkle Terra Cotta Co., 902 Century Bldg., St. Louis, Mo.

452 TEXTBOOKS, BANKING

RAND McNALLY & CO., 536 S. Clark St. Chicago, Ill.

453 THERMOMETERS, ADVERTISING

Adercraft Manufacturing Co., 2448-56 W. 22d, Chicago, Ill.
 Advertising Novelty Co., 419 S. Winchester Ave., Chicago, Ill.
 American Thermometer Co., 2907 Clark Ave., St. Louis, Mo.
 Follis Advertising Service, W. E., 159 N. State, Chicago, Ill.
 Marshall Mfg. Co., The, 12th & Orchard, Coshoc-ton, Ohio.
 Mayer Mfg. Corp., 1436 W. Randolph, Chicago, Ill.
 Shaw Advertising Co., 520 Produce Exch. Bldg., Kansas City, Mo.
 Stanwood-Hillson Corp., 14 High, Brookline, Mass.
 Taylor Brothers Co., 85 Ames, Rochester, N. Y.

THRIFT SYSTEMS

(See specific headings: Christmas Savings, Industrial Savings, School Savings, etc.)

454 TIME FINDERS

Meilicke Systems, Inc., 3464 N. Clark St., Chicago, Ill.

TIME STAMPS

(See Stamps, Time)

455 TOWEL SUBSTITUTES

GENERAL UTILITIES MFG. CO., 4058 Beaufait, Detroit, Mich. (See our adv. on this page.)

TRANSFER BINDERS

(See Binders, Transfer)

TRAY CABINETS

(See Cabinets, Tray)

TRAY TABLES

(See Tables, Tray)

456 TRAYS, CARD LEDGER

Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Automatic File & Index Co., 427 W. Randolph, Chicago, Ill.
 Buchan-White Loose Leaf Co., 1906 Pine, St. Louis, Mo.
 Edwards Co., Inc., O. M., Solar & Plum, Syracuse, N. Y.
 Hadley Co., Chas. R., 330 N. Los Angeles, Los Angeles, Calif.
 Kohlhaas Co., 204 N. Dearborn, Chicago, Ill.
 Le Febure Corp., Cedar Rapids, Iowa.
 Lloyd Co., W. G., 626 S. Clark, Chicago, Ill.
 The McBee Binder Co., Smith, Athens, Ohio.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Shaw-Walker Co., Muskegon, Mich.
 Watson Mfg. Co., Jamestown, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

457 TRAYS, CHECK

Aluminum Index Co., Edgewater, N. J.
 Automatic File & Index Co., 427 W. Randolph, Chicago, Ill.
 Coleman Time-Saver Co., 35 E. College, Oberlin, O.
 Currier Manufacturing Co., Inc., North Western Terminal, Minneapolis, Minn.
 Davidson Co., J. L., 632-648 San Mateo, Los Angeles, Calif.
 Dibb Manufacturing Co., Inc., 4054 West Broadway, Robbinsdale, Minn.
 Kolhaas Co., 204 N. Dearborn, Chicago, Ill.
 Le Febure Corporation, Cedar Rapids, Ia.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Watson Mfg. Co., Jamestown, N. Y.
 Yawman & Erbe Mfg. Co. 1099 Jay St., Rochester, N. Y.

458 TRAYS, COIN

Abbott Coin Counter Co., 143d & Wales, New York, N. Y.
 Aluminum Index Co., Edgewater, N. J.
 Art Steel Co., Inc., 401 E. 23d, New York, N. Y.
 Brandt Automatic Cashier Co., Watertown, Wis.
 Downey Co., C. L., 941 Clark, Cincinnati, Ohio.
 Hoefler Change-Maker Co., 3700 E. 12th, Kansas City, Mo.
 Merriam Mfg. Co., Durham, Conn.

REMINGTON RAND BUSINESS SERVICE, Buffalo, N. Y.

Strayer Coin Bag Co., 1028 4th Ave., New Brighton, Pa.
 Tauck & Co., Arthur C., 20 Clinton St., Newark, N. J.
 Tucker & Dorsey Mfg. Co., 302 S. State, Indianapolis, Ind.
 Watson Mfg. Co., Jamestown, N. Y.

459 TRAYS, COIN PACKAGING

Abbott Coin Counter Co., 143d & Wales Ave., New York, N. Y.
 Brandt Automatic Cashier Co., Watertown, Wis.
 Downey Co., C. L., 941 Clark, Cincinnati, Ohio.
 Standard-Johnson Co., Inc., 371 Pacific, Brooklyn, N. Y.
 Strayer Coin Bag Co., 1028-4th Ave., New Brighton, Pa.
 Tauck & Co., Arthur C., 20 Clinton St., Newark, N. J.

460 TRAYS, DISPLAY

Servmor Tray Co., 460 Bacon, Dayton, Ohio.

461 TRAYS, DRAWER

Currier Manufacturing Co., Inc., North Western Terminal, Minneapolis, Minn.
 Dibb Manufacturing Co., Inc., 4054 W. Broadway, Robbinsdale, Minn.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Wagemaker Co., 566 Market, S. W., Grand Rapids, Mich.
 Watson Mfg. Co., Jamestown, N. Y.

TRAYS, SORTING

(See Trays, Check)

TRUCKS, VAULT

(See Omnibuses, Vault)

WHY RENT TOWELS?

THE ELECTRIC TOWEL

Continuous Towel Service at Low Cost

GENERAL UTILITIES MFG. CO.

4058 Beaufait Street - Detroit, Mich.

TRUST DEPT. ADVERTISING

(See Advertising, Trust Department)

462 TRUST DEPARTMENT COURSES

R. R. Bixby, Inc., 420 Lexington, New York, N. Y.

TRUST DEPT. FORMS

(See Forms, Trust Dept.)

TWINE

(See Supplies, Bank & Office)

TYPEWRITER RIBBONS

(See Ribbons, Typewriter)

463 TYPEWRITERS

American Automatic Typewriter Co., 233 W. Schiller, Chicago, Ill.
 American Writing Machine Co., 374 Broadway, New York, N. Y.
 Demountable Typewriter Co., Inc., 110 S. Brook, Fond du Lac, Wis.
 Electromatic Typewriters, Inc., 45 Crouch, Rochester, N. Y.
 Hammond Typewriter Co., 502 E. 132d, New York, N. Y.
 Hooven Automatic Typewriter Corp., Hamilton, O.
 Pittsburgh Typewriter & Supply Co., 339 Fifth Ave., Pittsburgh, Pa.
 Regal Typewriter Co., Inc., 524 Broadway, New York, N. Y.
REMINGTON RAND BUSINESS SERVICE, Buffalo, N. Y.
 Royal Typewriter Co., Inc., 316 Broadway, New York, N. Y.
 Smith, L. C., & Corona Typewriters, Inc., 51 Madison, New York, N. Y.
 Underwood Typewriter Co., New York, N. Y.
 Varityper, Incorporated, Chrysler Bldg., New York, N. Y.
 Woodstock Typewriter Co., 6 N. Michigan Ave., Chicago, Ill.

TYPEWRITERS, ACCOUNTING

(See Machines, Bookkeeping)

464 TYPEWRITERS, ELECTRIC**ELECTROMATIC TYPEWRITERS, INC.,**
Rochester, N. Y.**465 TYPEWRITERS, PORTABLE**

Pittsburgh Typewriter & Supply Co., 339 Fifth Ave., Pittsburgh, Pa.
 Reliable Typewriter & Adding Machine Corp., 303 W. Monroe, Chicago, Ill.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.

466 TYPEWRITERS, REBUILT

Shipman-Ward Mfg. Co., 4401 Ravenswood, Chicago, Ill.
 Wholesale Typewriter Co., The, 155 6th Ave., New York, N. Y.

467 TYPEWRITERS, TELEGRAPHIC

Teletype Corporation, 1400 Wrightwood Ave., Chicago, Ill.

V**VAULT ENGINEERS**

(See Vault Inspection)

VAULT EQUIPMENT

(See Equipment, Vault)

468 VAULT INSPECTION

Bank Vault Inspection Co., 5 So. 18th, Philadelphia, Pa.
 Diebold Safe & Lock Co., Canton, O.
HOLLAR COMPANY, 111 S. 15th, Philadelphia, Pa.
 Hone, Hugh R., 3858 42d Ave., N. E., Seattle, Wash.
 Hunt Co., Robt. W., 175 W. Jackson Blvd., Chicago, Ill.
 Scheitler & Wenisch, 737 N. Michigan Ave., Chicago, Ill.
YALE & TOWNE MFG. CO., Stamford, Conn.

VAULT REINFORCING

(See Reinforcing, Vault)

469 VAULT STEPS

(See also Equipment Vault)

Diebold Safe & Lock Co., Canton, O.
 Interior Metal Equipment Co., 520 N. Michigan, Chicago, Ill.

470 VAULTS

Cary Safe Co., 1200 Niagara, Buffalo, N. Y.
 Consolidated Expanded Metals Companies, Steelcrete Bldg., Wheeling, W. Va.
 Herring-Hall-Marvin Safe Co., Grand Blvd., Hamilton, Ohio.
 Lock Steel Co., 725 Grant Bldg., Pittsburgh, Pa.
 Mosler Safe Co., Hamilton, Ohio.
 National Safe & Lock Co., 2345 E. 69th, Cleveland, Ohio.
 Norris Safe & Lock Co., 114 Third Ave., S., Seattle, Wash.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Remington & Sherman Co., 1545 N. Delaware Ave., Philadelphia, Pa.
 Rivet-Grip Steel Company, The, 2404 Prospect Ave., Cleveland, Ohio.
 Scheitler & Wenisch, 737 N. Michigan, Chicago, Ill.
 York Safe & Lock Co., York, Pa.

VENETIAN BLINDS

(See Blinds, Venetian)

471 VENTILATORS, VAULT

Diebold Safe & Lock Co., Canton, O.
 Gerdes, Theo. R. N., 105 Bank, New York, N. Y.
 McClintock Co., O. B., 139 Lyndale Ave., N., Minneapolis, Minn.

472 VISIBLE RECORDS

Aeme Card System Co., 8 S. Michigan, Chicago, Ill.
 Aluminum Index Co., Edgewater, N. J.
 Automatic File & Index Co., 427 W. Randolph, Chicago, Ill.
 Boorum & Pease Co., 84 Hudson Ave., Brooklyn, N. Y.
 Connolly Co., Henry, 39 Elizabeth, Rochester, N. Y.
 Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 International Visible Systems Corp., 1001 Enquirer Bldg., Cincinnati, O.
 Le Febure Corporation, Cedar Rapids, Ia.
 Lloyd Co., W. C., 626 S. Clark, Chicago, Ill.
 Marshall Jackson Co., 26 S. Clark, Chicago, Ill.
 Pembroke Co., 24 E. Broadway, Salt Lake City, Utah
 Postindex Co., Inc., Jamestown, N. Y.
 Pressteel Engineering Corporation, 52 Vanderbilt Ave., New York, N. Y.
REMINGTON RAND BUSINESS SERVICE, Buffalo, N. Y.

Ross-Gould Co., 309 N. 10th, St. Louis, Mo.
 Shaw-Walker Co., The, Muskegon, Mich.
 Sheppard, C. E. & Co., Van Alst & 14th, Long Island City, N. Y.
 Stationers Loose Leaf, 350 Broadway, Milwaukee, Wis.
 Visible Records Equipment Co., 1432 Altgeld, Chicago, Ill.
 Weis Mfg. Co., Union, Monroe, Mich.

W**WALL SAFES**

(See Safes, Wall)

473 WALLETS, EXPANDING

Ames Safety Envelope Co., 55 Sudbury, Boston, Mass.
 Berkowitz Envelope Co., 19th & Campbell, Kansas City, Mo.
 Bushnell Co., Alvah, 13th & Wood, Philadelphia, Pa.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 McGill Paper Products Co., 501 Seventh Ave., Minneapolis, Minn.
 Security Envelope Co., 2900 Fifth Ave., Minneapolis, Minn.

474 WALLETS, LEATHER

Amity Leather Products, West Bend, Wis.
 Beach Leather Co., 1301 E. Walnut, Coshocton, O.
 Brown & Bigelow, Quality Park, St. Paul, Minn.
 Buckeye Leather Co., 946 Chestnut, Coshocton, O.
 Carrithers & Co., 128 N. Wells, Chicago, Ill.
 Coshocton Specialty Co., Coshocton, O.
 The Exline Co., 113 St. Clair Ave., N. E., Cleveland, Ohio.
 Kohl & Co., P. J., 224-230 W. Huron, Chicago, Ill.
 Leather Products Co., 201 South, Iola, Kan.
 L'Enfant-Oley-Martine Mfg. Corp., 99-101 Fifth Ave., New York, N. Y.
MORAN, B. T., INC., 400 N. Michigan Ave., Chicago, Ill.
 Novelty Advertising Co., Coshocton, O.
 Nutry, John, 85 Adams, Brooklyn, N. Y.
 Oliver Baker Mfg. Co., 420 S. 7th, Minneapolis, Minn.
 Strayer Coin Bag Co., 1028-4th Ave., New Brighton, Pa.
 Weinman Bros., 305 W. Adams, Chicago, Ill.

WASTE PAPER BALING MACHINES

(See Machines, Baling, Waste Paper)

WATCHMEN'S CLOCKS

(See Clocks, Watchmen's)

475 WATER COOLERS

General Electric Co., Nela Park, Cleveland, O.

476 WAX, SEALING

Dennison Mfg. Co., 300 Howard, Framingham, Mass.
 Keller Ink Co., Robert, 1441 Brooklyn Ave., Detroit, Mich.
 Safford Stamp Works, 205 W. Madison, Chicago, Ill.
 Swisher Mfg. Co., R. D., 411-13 S. Clinton, Chicago, Ill.

WAX SEALS

(See Seals)

WICKETS

(See Grillwork)

WINDOW DISPLAYS

(See Advertising, Window Display)

477

WIRE GOODS

Peerless Wire Goods Co., 2720 Ferry, Lafayette, Ind.

WIRE SIGNS

(See Signs, Wire)

478

WIREWORLD

Acme Wire and Iron Works, 12340 Cloverdale, Detroit, Mich.
 American Iron & Wire Works, 1621 Carroll Ave., Chicago, Ill.
 Buffalo Wire Works Co., Inc., 577 Terrace, Buffalo, N. Y.
 Newman Mfg. Co., Cleneay Ave. & N. & W. R. R., Cincinnati, Ohio.
 Portland Wire & Iron Works, 294 Second, Portland, Ore.
 Standard Iron & Wire Works, 510-12 E. 10th, Chattanooga, Tenn.
 Tyler Co., The W. S., 3615 Superior Ave., Cleveland, O.
 Williams, Inc., Jno., 542 W. 27th, New York, N. Y.
 Wisconsin Iron & Wire Works, 1660 Booth, Milwaukee, Wis.

479

WOODWORK

Aetna Cabinet Co., 321 W. Maryland, Indianapolis, Ind.
 American Fixture Co., 16th & Bellefontaine, Kansas City, Mo.
 Fisher Co., Johnson & Richings Sts., Charles City, Iowa.
 Georgia Show Case Co., Montgomery, Ala.
 Mitchell Mfg. Co., Robt., 2d & John, Cincinnati, O.
 Mount & Robertson, Inc., 62 Broad, New York, N. Y.
 Nachteggall Mfg. Co., 237-45 S. Front, Grand Rapids, Mich.
 Newman Mfg. Co., Cleneay Ave. & N. & W. R. R., Cincinnati, Ohio.
 Schick-Johnson Co., 1737 N. Paulina, Chicago, Ill.
 St. Louis Bank Bldg. & Eqt. Co., 906 Sidney, St. Louis, Mo.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

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WRAPPERS, COIN

Abbott Coin Counter Co., 143d & Wales, New York, N. Y.
 Albemarle Paper Mfg. Co., Richmond, Va.
 American Bindery Corp., 1310 Maple, Detroit, Mich.
 Bankers Printing Co., 836 Montgomery St., San Francisco, Cal.
 Coinometer Distributors, 810 Equitable Bldg., St. Louis, Mo.
 Dennison Mfg. Co., 300 Howard, Framingham, Mass.
 Downey Co., C. L., 941 Clark, Cincinnati, Ohio.
 The Exline Co., 113 St. Clair Ave., N. E., Cleveland, Ohio.

Ideal Coin Container Co., 136 Fulton, Brooklyn, N. Y.
 Klopp Engineering Works, 17185 Ryan Rd., Detroit, Mich.
 Marion Mfg. Co., 471 Stephens St. S. W., Atlanta, Ga.
 Package Binder Co., The, Commonwealth Bldg., Annex, Pittsburgh, Pa.
 Sattley Co., 657 Mt. Elliott Ave., Detroit, Mich.
 Spurgin Mfg. Co., 7011 Vincennes, Chicago, Ill.
 Standard-Johnson Co., Inc., 371 Pacific, Brooklyn, N. Y.
 Strayer Coin Bag Co., 1028-4th Ave., New Brighton, Pa.
 Twentieth Century Co., 542 S. Dearborn, Chicago, Ill.
 Young & Selden Co., 224 N. Calvert, Baltimore, Md.
 Zimmerman & Murray, 107 W. Penn, Whittier, Cal.
 Zimmerman Bros., & Co., 4020 Michigan, Chicago, Ill.

WRITERS, CHECK

(See Protectors, Check)

WRITING PAPER

(See Stationers, Manufacturing)

Y

YEAR BOOKS

(See Stationers, Manufacturing)

— *FACTS* —

On Directory Advertising

UNLESS you advertise in the BLUE BOOK, you are running counter to the judgment of NINE OUT OF TEN of the American banks and Investment Bankers who advertise in bank directories.

TWO OUT OF THREE of such banks and investment bankers set the example of using the BLUE BOOK exclusively and treating any other bank directory advertising as useless duplication.

These are not claims but *facts*. No research is necessary to check them—simply compare the BLUE BOOK with its nearest competitor. You'll find as follows:

EXCLUSIVE ADVERTISERS

	The 50 Reserve Cities	All Other Cities	Total
Banks and Investment Bankers Advertising Exclusively in BLUE BOOK	1,124	3,578	4,702
Banks and Investment Bankers Advertising Exclusively in nearest competitor	481	591	1,072
Difference in favor of BLUE BOOK	643	2,987	3,630

ALL ADVERTISERS

Total Banks and Investment Bankers Advertising in BLUE BOOK	1,835	4,771	6,606
Total Banks and Investment Bankers Advertising in nearest competitor	1,192	1,784	2,976
Difference in favor of BLUE BOOK	643	2,987	3,630

**In Exact
Percentages**

86% of those banks and investment bankers in the United States which buy bank directory advertising, advertise with the Rand McNally Bankers Directory.

61% of the banks and investment bankers in the United States which buy bank directory advertising, advertise *exclusively* in the Bankers Directory.

Note Especially the BLUE BOOK'S Dominating Position *outside* Metropolitan centers.

RATES OF POSTAGE DOMESTIC

CLASS	ARTICLES	POSTAGE RATES	EXTRA SERVICE
1	PRIVATE MAILING CARDS (written or printed)	1 cent each. (Letters, sealed and unsealed, are 2 cents an ounce or fraction)	May be Registered.
2	Postal Cards	1 cent each	
3	Newspapers and Magazines (transient)	1 cent each 2 oz. or fraction—No wt. limit	May be Registered.
3	Merchandise and Printed Matter	1½ cents for each 2 ounces or fraction to 8 ounces inclusive	May be Registered or Insured or Sent C. O. D.
3	Books, Catalogues (24 pages or more), Seeds, Scions, Bulbs, Roots and Plants are	1 cent for each 2 ounces or fraction to 8 ounces inclusive	May be Registered or Insured or Sent C. O. D.
4	Merchandise, Printed Matter, Books, Catalogues, Seeds, Etc., weighing more than 8 ounces to 70 pounds	Zone or pound rates and conditions apply	May be Insured, sent C. O. D. and "Special Handling" + same as first class.
5	Air Mail—First class only		Air Mail—5 cents for first ounce. 10c each additional ounce.

Fees on mail are in addition to the postage and are prepaid in the same manner. Mail closed against inspection, unless specially authorized, is subject to the first class rate. Mail of the Second, Third and Fourth classes with impermissible written additions or which contain correspondence is also subject to the first class rate of postage.

TABLE SHOWING RATES OF PARCEL POSTAGE

Weight	1st zone		2d zone rate	3d zone rate	4th zone rate	5th zone rate	6th zone rate	7th zone rate	8th zone rate
	Local rate	Zone rate							
1st pound	\$0.07	\$0.07	\$0.07	\$0.08	\$0.08	\$0.09	\$0.10	\$0.12	\$0.13
Each additional pound, lb.	0.01*	0.01	0.01	0.02	0.04	0.06	0.08	0.10	0.12

*Each additional 2 lbs. Limit of weight 70 lbs. Greatest dimensions 100 inches length and girth combined. Parcels between 84 and 100 in. and weighing less than 10 lbs. take the 10 lb. rate to all zones.

DOMESTIC MONEY ORDER BUSINESS

The printed application form must be used when applying for a money order. The applicant must write his or her own given name and surname in full, and given name of the payee must be stated in full if known, otherwise initials may be used. The given name of married women must be used and not that of their husbands. Names of places, streets, and numbers should be written in plainest manner possible. A money order can not be made payable to more than one person or firm.

SPECIAL DELIVERY		MONEY ORDERS		REGISTRY	
FIRST CLASS	{ 2 pounds or less..... 10c { Over 2, not over 10 pounds..... 20c { Over 10 pounds..... 25c	Not exceeding \$ 2.50..... 5c Not exceeding 5.00..... 7c Not exceeding 10.00..... 10c Not exceeding 20.00..... 12c Not exceeding 40.00..... 15c Not exceeding 60.00..... 18c Not exceeding 80.00..... 20c Not exceeding 100.00..... 22c	Indemnity not exceeding \$ 5.00..... 5c Indemnity not exceeding 25.00..... 8c Indemnity not exceeding 50.00..... 10c Indemnity not exceeding 100.00..... 25c Indemnity not exceeding 150.00..... 30c Indemnity not exceeding 200.00..... 35c	Indemnity not exceeding \$ 50.00..... \$0.15 Indemnity not exceeding 100.00..... .20 Indemnity not exceeding 200.00..... .30 Indemnity not exceeding 300.00..... .40 Indemnity not exceeding 400.00..... .50 Indemnity not exceeding 500.00..... .60 Indemnity not exceeding 600.00..... .70 Indemnity not exceeding 700.00..... .80 Indemnity not exceeding 800.00..... .90 Indemnity not exceeding 1000.00..... 1.00	Fee for return receipt 3 cents extra.
OTHER CLASSES	{ 2 pounds or less..... 15c { Over 2, not over 10 pounds..... 25c { Over 10 pounds..... 35c				
"Special Delivery" must be so endorsed. Special Delivery includes Special Handling.					
SPECIAL HANDLING					
FOURTH CLASS	{ 2 pounds or less..... 10c { Over 2, not over 10 pounds..... 15c { Over 10 pounds..... 20c				
"Special Handling" must be so endorsed.					
		INSURANCE		C. O. D.	
		Indemnity not exceeding \$ 5.00..... 5c Indemnity not exceeding 25.00..... 8c Indemnity not exceeding 50.00..... 10c Indemnity not exceeding 100.00..... 25c Indemnity not exceeding 150.00..... 30c Indemnity not exceeding 200.00..... 35c		Not exceeding \$ 10.00..... 12c Not exceeding 50.00..... 15c Not exceeding 100.00..... 25c Not exceeding 150.00..... 35c Not exceeding 200.00..... 45c	

FOREIGN POSTAL TABLE

The rate of postage upon letters to foreign countries is five cents for the first ounce or fraction of an ounce, and three cents for each additional ounce or fraction of an ounce, excepting the following named countries. Where letter rate is 5 cents for first ounce the postal card rate is 3 cents for single and 6 cents for double cards. To these countries and places letters may be sent at the rate of two cents an ounce or fraction thereof.

Argentina	Calcos Island	Cook Island	Guatemala	Nicaragua	Samoa W.
Balearic Islands	Canary Islands	Costa Rica	Haiti	Paraguay	Spain and Colonies
Bolivia	Cayman Islands	Cuba	Honduras	Peru	Turks Island
Barbados	Chile	Curacao	Labrador	Republic of Panama	Uruguay
Brazil	Colombia	Dominican Republic	Mexico	Salvador	Venezuela

The rates on other than letters to all foreign countries are: Single postal cards 1 cent; double postal cards 2 cents to Argentina, Bolivia, Brazil, Canada (3c per ounce), Chile, Colombia, Costa Rica, Cuba, Dominican Republic, Ecuador, Guatemala, Haiti, Republic Honduras, Mexico, Newfoundland (3c per ounce), Nicaragua, Panama, Paraguay, Peru, El Salvador, Spain, Uruguay, Venezuela. Single postal cards, each, 2 cents double postal cards, each, 4 cents newspaper and other printed matter, for each two ounces or fraction thereof, 1 cent. Commercial Papers.—Packets not in excess of 10 oz., 5 cents packets in excess of 10 oz., for each 2 oz. or fraction thereof additional, 1 cent. Samples of Merchandise.—Packets not in excess of 4 oz., 2 cents packets in excess of 4 oz., for each 2 oz. or fraction thereof prepaid. Registration fee on letters or other articles, 15 cents. Foreign mail should be fully prepaid, as double the amount of deficient postage is collected before delivery in countries of destination. All other mailable matter must be prepaid at least partially. Limit of weight for printed matter, 4 lbs., 6 oz. To the following countries the limit is 8 lbs., 12 oz.: Argentina, Balearic Islands, Bolivia, Brazil, Canada, Canary Islands, Chile, Colombia, Costa Rica, Cuba, Dominican Republic, Ecuador, Guatemala, Honduras, Mexico, Nicaragua, Panama, Paraguay, Peru, Salvador, Spain, Uruguay, Venezuela.

Limit of weight on single-volume books is 6 lbs., 9 oz., except to Cuba, Mexico, Panama and Salvador, where there is no limit. To Argentina, Balearic Islands, Bolivia, Brazil, Canada, Canary Islands, Chile, Colombia, Costa Rica, Dominican Republic, Ecuador, Guatemala, Honduras, Newfoundland, Paraguay, Peru, Spain, Uruguay, the limit of weight is 11 lbs.

1st CLASS—FOREIGN AIR MAILS TO FOLLOWING COUNTRIES

Costa Rica, Honduras (Rep.), Managua, Nicaragua, El Salvador, Guatemala, British Honduras, Cuba, Mexico, Argentina, Bolivia, Canal Zone, Chile, Colombia, Ecuador, Jamaica, Panama, Paraguay, Peru and Uruguay, Brazil, Barbados, British Virgin Islands, Dominican Republic, Guadeloupe, Guiana, Haiti, Leeward and Windward Islands, Martinique, Porto Rico, Saba, St. Eustatius, St. Martin, Tobago, Trinidad and U.S. Virgin Islands, Venezuela, air mail rate to Canada and Newfoundland 6c first ounce 10c each additional ounce.

FOREIGN PARCEL POST RATES

Fourteen cents per pound or fractions thereof. To inland countries there is an additional transit rate. Parcels may be registered to certain countries. Eleven pounds is the limit to foreign points, named in United States Postal Guide except; the limit of weight on Foreign Parcel Post is twenty-two pounds to the following countries and their possessions: Abyssinia, Albania, Algeria, Argentina, Bahamas, Barbados, Bermuda, Brazil, British Guiana, Bulgaria, Bolivia, China, Colombia, Chile, Costa Rica, Cuba, Danzig, Denmark, Dominican Republic, Ecuador, Estonia, Finland, France, Great Britain and Northern Ireland, Guatemala, Greenland, Haiti, Honduras, Hungary, Iceland, Italy (certain offices only), Latvia, Lithuania, Memel, Mexico, Monaco, Netherlands, Nicaragua, Norway, Palestine, Paraguay, Peru, Poland, Roumania, Russia, Salvatore, Sweden, Syria, Uruguay, Yugoslavia. Forty-four pounds to Germany, Switzerland, Austria, Belgium, Hungary, Liechtenstein, Czecho-Slovakia and Luxemburg. Fifty pounds to Panama and Shanghai, China; Fifteen pounds to Canada and Newfoundland.

All parcel post shipments to Salvador, Peru, Guatemala, Cuba, and Chili must be accompanied by an invoice vided at the nearest consulate of the respective countries.

Limited to three and one-half feet in length and to six feet in length and girth combined. Please note, however, that there are certain countries to which packages cannot be sent by parcel post. Your local post office should be consulted. Special delivery 20 cents additional. All countries, require declaration showing contents and value.

Sealed parcels to Gt. Britain, Northern Ireland, Netherlands, Austria, Portugal, Irish Free State, Hungary, Norway, Azores, Canada, Cape Verde, Ecuador, Indo-China and Italy may be insured.

Parcel post packages to the following countries must be sealed:

Albania, Algeria, Argentina, Bolivia, Brazil, Bulgaria, Cape Verde Islands, Ceylon, Chile, Colombia, Costa Rica, Dominican Republic, Dutch East Indies, Ecuador, Egypt, Egyptian Sudan, Estonia, Finland, France, French Equatorial Africa, French Guiana, Great Britain (insured), Greece, Guatemala, Haiti, Honduras, Iraq, Ireland, Northern (insured), Irish Free State (insured), Lithuania, Macao, Mexico, Netherlands (insured and registered), Nicaragua, Palestine, Panama, Paraguay, Peru, Portugal (insured and registered), Salvador, Switzerland, Spain, Union of Socialist Soviet Republics, Uruguay, Venezuela, Persia.

Countries which have ratified the Pan-American parcel post convention of Mexico to which the postage rate of 12 cents for the first pound and 12 cents for each additional pound plus a 5 cent surcharge on each parcel applies to: Argentina, Chile, Dominican Republic, Ecuador, Guatemala, Honduras, Rep. of Mexico, Panama, Paraguay, Peru, Salvador, Spain, Bolivia, Columbia and Costa Rica.

To all the other Pan-American countries the postage rate is 14 cents per pound. C. O. D. parcels may be sent to Mexico.

INTERNATIONAL MONEY ORDERS

Money order can be issued between the United States and fifty-eight countries, rates differing and subject to change. See your Postmaster for latest rates.

RATES FOR EXPRESS MONEY ORDERS

Not over \$2.50..... 6c	Over \$10.00 to \$20.00..... 12c	Over \$60.00 to \$ 80.00..... 20c
Over \$2.50 to \$5.00..... 8c	Over \$20.00 to \$40.00..... 15c	Over \$80.00 to \$100.00..... 24c
Over \$5.00 to \$10.00..... 10c	Over \$40.00 to \$60.00..... 18c	

AMERICAN BANKERS' ASSOCIATION

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 First Vice-President, Francis H. Sisson, vice-president Guaranty Trust Co., New York.
 Second Vice-President, F. M. Law, president First National Bank, Houston, Texas.
 Treasurer, P. D. Houston, chairman of board American National Bank, Nashville, Tenn.
 Executive Manager, F. N. Shepherd, 22 East 40th St., New York City.
 General Counsel, Thomas B. Paton, 22 East 40th St., New York City.
 Deputy Managers: W. Espey Abbig, Savings Division, Commerce and Marine Commission; James E. Baum, Protective Department, Insurance Committee; Edgar E. Mountjoy, National Bank Division; Henry E. Sargent, Trust Division; Frank W. Simmonds, State Bank Division, Bank Management Commission.
 Branch Office, 708 Colorado Bldg., Washington, D. C.

ALABAMA BANKERS' ASSOCIATION

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 First Vice-President, J. B. Barnett, president Monroe County Bank, Monroeville, Ala.
 Second Vice-President, J. S. Wittmeier, president First National Bank, Oneonta.
 Secretary and Treasurer, M. A. Vincentelli, president Alabama National Bank, Montgomery.

ARIZONA BANKERS' ASSOCIATION

President, W. O. Weiss, vice-president Phoenix National Bank, Phoenix.
 Vice-President, P. M. Clarke, president United Bank & Trust Co., Tucson.
 Secretary, Morris Goldwater, P. O. Box 272, Prescott.
 Treasurer, M. B. Hazeltine, president Bank of Arizona, Prescott.

ARKANSAS BANKERS' ASSOCIATION

President, B. A. Lynch, president Farmers Bank & Trust Co., Blytheville.
 Vice-President, Storm O. Whaley, cashier Bank of Bentonville, Bentonville.
 Secretary, Robt. E. Wait, 923 Southern Insurance Bldg., Little Rock.
 Treasurer, H. W. Jernigan, president Bank of McCrory, McCrory.

CALIFORNIA BANKERS' ASSOCIATION

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 Vice-President, J. F. Sullivan, Jr., vice-president Crocker First National Bank, San Francisco.
 Secretary, Andrew Miller, 632 Mills Bldg., San Francisco, Calif.
 Treasurer, H. R. Galtner, president Pacific National Bank, San Francisco.

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THIS Directory shows the money size of every bank in the United States.

Certain banks are big in service and readiness to serve, in addition to their size in money. One good test of this kind of bigness is "Do they advertise in the Bankers Directory?"

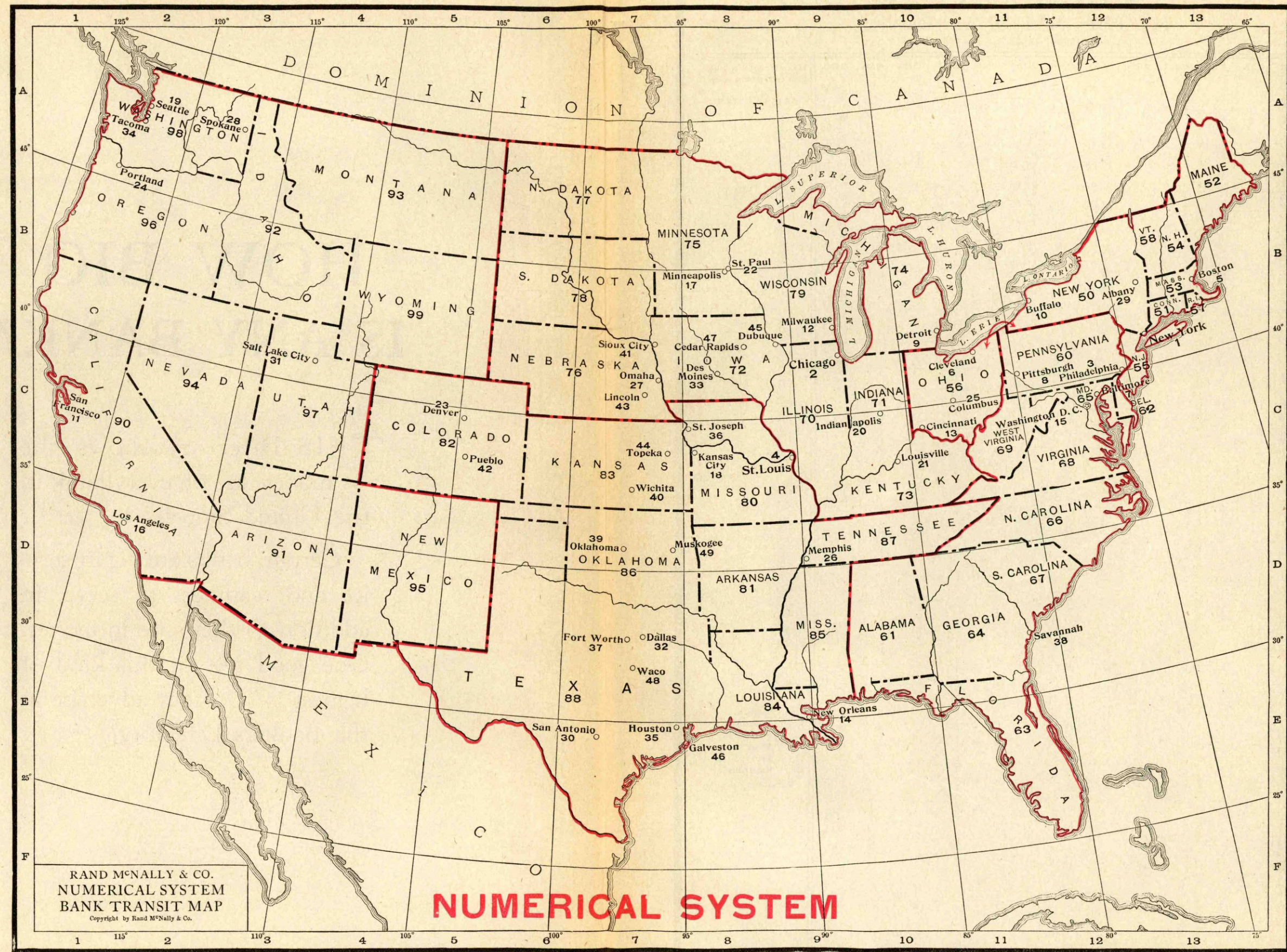
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NUMERICAL SYSTEM
BANK TRANSIT MAP
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NUMERICAL SYSTEM

A. S. Pratt & Sons, Inc.—Specialists in Government Bonds
WASHINGTON, D. C.
See Back of Washington, D. C. Map

COMPTROLLER'S CALLS

TO THE NATIONAL BANKS

FROM 1886, TO DATE

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	Dates and number of Calls made on respective dates
1886										Th 7		T 28 82	
1887			F 4 66		F 13 70			M 1 80		W 5 65		W 7 63	DATES CALLS
1888		T 14 69		M 30 76		S 30 61				Th 4 96		W 12 69	1 10
1889		T 26 76			M 13 76		F 12 60		M 30 80			W 11 72	2 5
1890		F 28 79			S 17 78		F 18 62			Th 2 76		F 19 78	3 4
1891		M 26 69			M 4 67		Th 9 66		F 25 78			W 2 68	4 17
1892			T 1 90		T 17 77		T 12 56		F 30 80			F 9 70	5 11
1893			M 6 87		Th 4 59		W 12 69			T 3 83		T 19 77	6 7
1894		W 28 71			F 4 65		W 18 75			T 2 76		W 19 78	7 9
1895			T 5 76		T 7 63		Th 11 65		S 28 79			F 13 76	8 1
1896		F 28 77			Th 7 69		T 14 68			T 6 84		Th 17 72	9 9
1897			T 9 82		F 14 66		F 23 70			T 5 74		W 15 71	10 8
1898		F 18 65			Th 5 76		Th 14 70		T 20 68			Th 1 72	11 4
1899		S 4 65		W 5 60		F 30 86			Th 7 69			S 2 86	12 10
1900		T 13 73		Th 26 72		F 29 64			W 5 68			Th 13 99	13 6
1901		T 5 54		W 24 78			M 15 82		M 30 77			T 10 71	14 9
1902		T 25 77		W 30 74			W 16 77		M 15 61		T 25 71		15 6
1903		F 6 73		Th 9 62		T 9 61			W 9 92		T 17 69		16 2
1904	F 22 66		M 28 66			Th 9 73			T 6 89		Th 10 65		17 6
1905	W 11 62		T 14 62		M 29 76			F 25 88			Th 9 76		18 5
1906	M 29 81			F 6 67	M 20 59	M 18 73			T 4 78		M 12 69		19 3
1907	S 26 75		F 22 55		Th 14 90		W 15 62	Th 22 94			T 3 103		20 5
1908		F 14 73			W 28 82	W 23 56			W 23 70		F 27 65		21 2
1909		F 5 70				Th 30 93			W 1 70		T 16 76		22 3
1910	M 31 76		T 29 57			W 7 92			Th 1 62		Th 10 70		23 5
1911	S 7 58		T 7 59			F 14 57			F 1 86		T 5 95		24 2
1912		T 20 77		Th 18 58		W 4 61		S 9 66	W 4 82		T 26 83		25 5
1913		T 4 70		F 4 59		T 30 118			S 12 74	T 21 73		Th 31 61	26 5
1914*	T 13 84		W 4 50		S 1 58	W 23 53			Th 2 71	S 31 49		F 31 51	27 4
1915*			Th 4 63		M 1 55	F 30 60			T 12 74		W 10 69	W 27 40	28 11
1916*			T 7 67		T 1 57	W 20 50			T 11 83		T 20 70	M 31 41	29 9
1917*			M 5 68		F 10 67	S 29 50		S 31 63			F 1 62	T 31 60	30 22
1918*			M 4 63		M 12 69	M 30 49			F 12 74		M 17 66	W 31 44	31 19
1919*			T 4 63		T 4 66	W 30 57			W 8 70		M 15 68	W 29 44	
1920*		S 28 59			Th 28 66	Th 30 63			T 6 68			S 31 116	
1921		M 21 54			F 5 56	F 30 56			F 15 77			F 29 105	
1922			F 10 69		T 3 95	S 30 88			F 14 76			M 31 108	
1923						M 30 91				F 10 102		W 31 82	
1924			M 31 91			T 30 85			M 28 90			Th 31 94	
1925				M 6 96		W 30 79						F 31 184	
1926				M 12 102		Th 30 99						S 31 82	
1927			W 23 82			S 30 123				M 10 102		M 31 89	
1928		T 28 59				S 29 94				W 3 95		T 31 88	
1929			W 27 86			M 30 95			W 24 86	F 4 97		W 31 98	
1930			T 27 86			T 30 97			T 29 91			Th 31 93	
1931			W 25 84										

*Six calls made.

KEY { First Figures in Square denote day of month call was made.
Other Figures in Square show number of days intervening between calls.
LETTERS in Square signify day of week call was made.

Courtesy of Crocker First National Bank of San Francisco, San Francisco, Calif.

35 on Monday
53 " Tuesday
42 " Wednesday
32 " Thursday
43 " Friday
19 " Saturday
Total, 224

STATE BANK OFFICIALS AND EXAMINERS, 1932

STATE	NAME	ADDRESS
Ala.	H. H. Montgomery, Supt. of Banks.	Montgomery.
"	D. F. Green, Deputy Supt. of Banks.	Montgomery.
"	W. E. Henley, Member of Banking Board.	Birmingham.
"	J. B. Barnett, member of Banking Board.	Monroeville.
"	Robert J. Beeland, Jr., member of Banking Board.	Greenville.
"	F. J. Callen, member of Banking Board.	Clanton.
"	T. F. Adams, Bank Examiner.	Birmingham.
"	A. J. Smith, Bank Examiner.	Montgomery.
"	B. S. Gay, Bank Examiner.	Montgomery.
"	J. H. Williams, Bank Examiner.	Decatur.
"	G. H. Foote, Bank Examiner.	Birmingham.
"	Addie Lee Farish, Office assistant.	Montgomery.
Ariz.	S. W. Ellery, Supt. of Banks.	Phoenix.
"	Leo N. Roach, Chief Bank Examiner.	Phoenix.
"	A. G. King, Deputy Bank Examiner.	Phoenix.
"	L. V. Bailey, Bank Examiner.	Phoenix.
"	A. T. Hammons, Inspector.	Phoenix.
"	Minnie Seaman, Acct.-Stenographer.	Phoenix.
Ark.	Walter E. Taylor, Bank Commissioner.	Little Rock.
"	R. C. Dickinson, Asst. Bk. Commissioner.	Little Rock.
"	Oliver Phillips, Charge of Building & Loan Associations in	Little Rock.
"	J. W. Jarrett, Chief Bank Examiner.	Little Rock.
"	Theo. P. Carson, Asst. Chief Bank Ex.	Little Rock.
"	Albert Sims, Bank Examiner.	Little Rock.
"	G. H. Sexton, Bank Examiner.	Little Rock.
"	H. A. Daugherty, Bank Examiner.	Dermott.
"	Fay C. Rayburn, Asst. Bank Examiner.	Little Rock.
"	John E. Taylor, Bank Examiner.	Little Rock.
Calif.	Edward Rainey, Supt. of Banks.	800 Hunter Dulin Bldg., 111 Sutter St., San Francisco.
"	E. D. Holly, Chief Deputy.	San Francisco.
"	C. E. Lowell, Chief Examiner.	San Francisco.
"	Matt I. Sullivan, Attorney.	San Francisco.
"	H. H. Childress, Asst. Attorney.	San Francisco.
"	G. M. Ackerman, Bank Examiner.	San Francisco.
"	H. W. Albert, Bank Examiner.	San Francisco.
"	F. B. Bailey, Bank Examiner.	San Francisco.
"	C. E. Deskin, Bank Examiner.	San Francisco.
"	Chas. J. Ledwith, Bank Examiner.	San Francisco.
"	C. A. Macpherson, Bank Examiner.	San Francisco.
"	N. C. Matthews, Bank Examiner.	San Francisco.
"	Paul F. Meckes, Bank Examiner.	San Francisco.
"	J. Perry Reynolds, Bank Examiner.	San Francisco.
"	H. S. Taylor, Bank Examiner.	San Francisco.
"	George M. Walker, Bank Examiner.	San Francisco.
"	W. T. Werschull, Bank Examiner.	San Francisco.
"	John McPaul, Chief of Southern Division.	1002 Associated Realty Bldg., Los Angeles.
"	E. D. Backus, Bank Examiner.	Los Angeles.
"	E. C. Barth, Bank Examiner.	Los Angeles.
"	Maurice H. Davis, Bank Examiner.	Los Angeles.
"	S. M. Matthews, Bank Examiner.	Los Angeles.
"	E. E. Haupt, Bank Examiner.	Los Angeles.
"	Harriet O. French, Secretary Sacramento Office.	Sacramento.
Colo.	Grant McFerson, Bank Commissioner.	125 State Office Bldg., Denver.
"	Axel B. Olson, Chief Deputy Bank Com.	Denver.
"	John Jepson, Deputy Bank Com.	Denver.
"	Geo. T. Atchison, Deputy Bank Com.	Denver.
"	Walter J. Nelson, Deputy Bank Com.	Denver.
Conn.	George J. Bassett, Commissioner.	New Haven.
"	R. Gordon Baldwin, Deputy Com.	Bristol.
"	Harold P. Splain, Assistant to the Com.	New Haven.
"	Wm. P. Landon, Mgr. Bond Dept.	Hartford.
"	A. F. Austin, Bank Examiner.	Torrington.
"	George W. Austin, Bank Examiner.	Hartford.
"	Frank E. Irving, Bank Examiner.	Hartford.
"	Ralph R. MacKinnel, Bank Examiner.	East Haven.
"	Stanley F. Gierynski, Bank Examiner.	New Britain.
"	Lynwood K. Elmore, Bank Examiner.	East Hartford.
"	Alfred B. Taravella, Bank Examiner.	Windsor Locks.
"	Thomas J. Convery, Bank Examiner.	Stamford.
"	Richard Rapport, Bank Examiner.	Hartford.
"	Reinhard Bardeck, Bank Examiner.	New Britain.
"	Milton T. Gaines, Bank Examiner.	Glastonbury.
"	Gerald C. Low, Bank Examiner.	Watertown.
"	Wm. W. Prout, Bank Examiner.	Windsor.
"	E. Gorton Rogers, Bank Examiner.	New London.
"	Harold A. Williams, Bank Examiner.	Middletown.
"	Douglas T. Boddie, Bank Examiner.	Redding.
"	Frank J. Murphy, Bank Examiner.	New Haven.
"	Lester C. Murphy, Bank Examiner.	West Hartford.
"	Harold W. Roberts, Bank Examiner.	New Britain.
"	Earl T. Jarvis, Bank Examiner.	Torrington.
"	Arthur B. Shippee, Bank Examiner.	East Killingly.
"	John F. Di Nonno, Bank Examiner.	New Britain.
"	Howard E. Frisbie, Bank Examiner.	Hartford.
"	Arthur O. Lamb, Bank Examiner.	Rocky Hill.
"	Herbert F. Seward, Bank Examiner.	Hartford.
"	Ernest E. Savard, Bank Examiner.	Bristol.
"	Melvin O. Hall, Bank Examiner.	New Britain.
"	Wm. G. Boies, Bank Examiner.	Seymour.
Del.	Harold W. Horsey, State Bank Com.	State House, Dover.
"	Ira Lewis, Deputy Bank Com.	Bridgeville.
Fla.	Ernest Amos, Comptroller.	Tallahassee.
"	W. M. McIntosh, Jr., General Chief Clerk.	Tallahassee.
"	F. E. Steinmeyer, Jr., Banking Clerk.	Tallahassee.
"	Geo. C. White, Bank Report Analyst.	Tallahassee.
"	J. E. Perkins, Bank Examiner.	Tallahassee.
"	E. F. Jackson, Bank Examiner.	Tallahassee.
"	T. C. Hawkins, Bank Examiner.	Daytona Beach.
"	A. W. Saarinen, Bank Examiner.	West Palm Beach.
"	Sherman Drawdy, Bank Examiner.	Leesburg.
"	P. L. Etheredge, Bank Examiner.	DeSoto City.
"	L. E. Fenn, Bank Examiner.	Miami.
"	W. M. Wainwright, Bank Examiner.	Starke.
"	L. T. Galphin, Jr., Bank Examiner.	Tallahassee.
"	A. A. Futch, Bank Examiner.	Leesburg.
"	Barney Howard, Bank Examiner.	Jacksonville.
"	Robert Stuart, Bank Examiner.	Monticello.
"	H. C. Bennett, Building and Loan Exam.	Evinston.
"	C. V. Baumgardner, Small Loan Examiner.	Miami.

STATE	NAME	ADDRESS
Ga.	R. E. Gormley, Supt. of Banks.	Atlanta.
"	E. B. Douglass, Asst. Supt. of Banks.	Atlanta.
"	R. Forrester, Bank Examiner.	Montezuma.
"	C. L. Gruver, Bank Examiner.	Statesboro.
"	John C. Jay, Bank Examiner.	Atlanta.
"	W. D. Lloyd, Bank Examiner.	Tallapoosa.
Idaho.	Ben. Diefendorf, Commissioner of Finance.	State Capitol Bldg., Boise.
"	J. J. Mockler, Bank Examiner.	Boise.
"	E. R. Jones, Bank Examiner.	Boise.
"	A. B. Wheeler, Examiner.	Boise.
"	L. C. Collins, Examiner.	Boise.
"	Geo. W. Wedgwood, Director Blue Sky.	Boise.
"	W. T. Lambdin, Chief Clerk.	Boise.
Illinois.	Oscar Nelson, Auditor, Main Office, Capitol Bldg.	Springfield.
"	Chicago Office: 2600 Foreman State National Bank Building, 33 N. La Salle St.	Chicago.
"	Geneva Office: 119 Unity Bldg.	Geneva.
"	E. E. Nicholson, Chief Bank Examiner.	Springfield.
"	R. M. Wylder, Chief Bank Examiner, Northern Illinois Division.	Geneva.
"	F. A. Adams, Chief Bank Examiner, Central and Southern Division.	Springfield.
"	F. E. Edgerton, Chief Examiner, Cook Co. Div.	Chicago.
"	Harrison Mathewson, Bank Examiner.	Chicago.
"	John W. Cruden, Bank Examiner.	Chicago.
"	A. M. Tarmen, Bank Examiner.	Chicago.
"	F. A. Bach, Bank Examiner.	Chicago.
"	C. W. Crabtree, Bank Examiner.	Chicago.
"	H. M. Durst, Bank Examiner.	Chicago.
"	P. R. Wilkinson, Bank Examiner.	Chicago.
"	J. A. Schoeppel, Bank Examiner.	Chicago.
"	Frank Chew, Bank Examiner.	Springfield.
"	J. L. Northrup, Bank Examiner.	Springfield.
"	J. E. Shearer, Bank Examiner.	Springfield.
"	W. O. Shy, Bank Examiner.	Springfield.
"	R. J. Silver, Bank Examiner.	Springfield.
"	W. E. Rodenberger, Bank Examiner.	Springfield.
"	A. Ray Drennan, Bank Examiner.	Springfield.
"	W. E. Turner, Trust Examiner.	Springfield.
"	J. J. Jaeger, Bank Examiner.	Geneva.
"	Henry Odenthal, Bank Examiner.	Springfield.
Ind.	Luther F. Symons, Bank Commissioner.	Room 241 State House, Indianapolis & Lewisville.
"	Thos. D. Barr, Deputy Bank Commissioner.	Fairmount.
"	S. P. Good, Bank Examiner.	Warren.
"	J. W. Parrett, Bank Examiner.	Indianapolis.
"	Joe E. McCord, Bank Examiner.	Logansport.
"	T. G. Inwood, Bank Examiner.	Thomstown.
"	J. E. Myer, Bank Examiner.	Hammond.
"	S. G. Bovard, Bank Examiner.	Dupont.
"	H. R. Johnson, Bank Examiner.	Petersburg.
"	Wm. R. Dexheimer, Bank Examiner.	Fort Wayne.
"	O. J. H. Butler, Bank Examiner.	Greensburg.
Iowa.	L. A. Andrew, Supt. of Banking.	State House, Des Moines.
"	W. O. Reed, Deputy Supt.	Des Moines.
"	Bruce Townsend, Director of Receiverships.	Des Moines.
"	Carl Trout, Chief Examiner.	Des Moines.
"	F. W. Bloxham, Examiner.	Mason City.
"	F. W. Walsmith, Examiner.	Cedar Rapids.
"	R. R. Blair, Examiner.	Waterloo.
"	L. H. Jurgemeyer, Examiner.	Sheldon.
"	V. O. Fligg, Examiner.	Ossian.
"	L. D. Beckett, Examiner.	Northwood.
"	Walter Light, Examiner.	West Liberty.
"	H. R. Jackson, Examiner.	Spencer.
"	F. A. Lettow, Examiner.	Council Bluffs.
"	G. S. Krouth, Examiner.	Iowa City.
"	S. T. Egerton, Examiner.	Estherville.
"	C. D. Emmert, Examiner.	Red Oak.
"	E. R. Millard, Examiner.	Des Moines.
"	J. L. Althouse, Assistant Examiner.	Waterloo.
"	C. S. Johnson, Assistant Examiner.	Des Moines.
Kansas.	H. W. Koenekke, Bank Commissioner.	Topeka.
"	T. J. Rhodes, Asst. Bank Com.	Topeka.
"	C. F. Gilpin, 1st Special Assistant Bank Commissioner.	Topeka.
"	R. J. Arbuthnot, Deputy Bank Com.	Hutchinson.
"	C. C. Christenson, Deputy Bank Com.	Topeka.
"	H. B. Eagle, 3rd Special Bank Com.	Topeka.
"	John R. Emery, Deputy Bank Com.	Wichita.
"	R. Keesling, Deputy Bank Com.	Wichita.
"	T. Clarke Key, Deputy Bank Com.	Russell.
"	L. E. Mauck, Deputy Bank Com.	Lyons.
"	George R. McCullagh, Deputy Bank Com.	Galena.
"	Geo. K. Meier, Deputy Bank Com.	Topeka.
"	H. F. Nelson, Deputy Bank Com.	Topeka.
"	I. L. Perkins, 2nd Special Asst. Bank Com.	Hutchinson.
"	R. B. Schwartz, Deputy Bank Com.	Manhattan.
"	C. W. Starr, Chief Examiner.	Topeka.
"	Vernon Suplee, Deputy Bank Com.	Long Island.
"	A. E. Von Trebra, Deputy Bank Com.	Manhattan.
"	E. J. Wilson, Deputy Bank Com.	Ellis.
"	C. W. Johnson, General Receiver.	Topeka.
"	Carl Newcomer, Special Asst. Kansas Securities.	Topeka.
Ky.	C. S. Wilson, Banking Com.	Frankfort.
"	J. C. Pikerill, Deputy Bank Com.	Frankfort.
"	W. D. Archibald, Bank Examiner.	Louisville.
"	Claude Davis, Bank Examiner.	Georgetown.
"	J. C. Flener, Bank Examiner.	Morgantown.
"	S. E. Hubble, Bank Examiner.	Lexington.
"	W. S. Kyle, Bank Examiner.	Lexington.
"	E. H. Short, Bank Examiner.	Thompsonville.
"	N. M. Smock, Bank Examiner.	Woodburn.
"	M. P. Wilkinon, Bank Examiner.	Lexington.
Building & Loan		
"	W. E. McNeil, Clerk.	Barbourville.
"	G. C. May, Examiner.	Louisville.
"	Miss Irene Snyder, Examiner.	Hazard.

STATE BANK OFFICIALS AND EXAMINERS—Continued

STATE	NAME	ADDRESS	STATE	NAME	ADDRESS
La.....	J. S. Brock, State Bank Com. Bldg.	807 American Bank	Mass.....	Arthur B. Malone, Junior Bank Exam.	Chelsea.
"	O. H. Pittman, Chief Bank Examiner	New Orleans.	(Cont.)	Glen H. Martin, Junior Bank Examiner.	Waltham.
"	S. M. Richard, Bank Examiner	New Orleans.	"	Frank W. McCabe, Junior Bank Examiner.	Malden.
"	M. Finnegan, Bank Examiner	New Orleans.	"	Harold A. McKay, Junior Bank Exam.	Somerville.
"	Louis Buckner, Bank Examiner	Shreveport.	"	James L. Patterson, Junior Bank Examiner.	Brighton.
"	W. E. Wood, Asst. Supervisor	New Orleans.	"	Albert R. Quinn, Junior Bank Examiner.	Brookline.
"	E. L. Chaney, Bank Examiner	New Orleans.	"	Harry B. Quinn, Junior Bank Examiner.	East Weymouth.
"	A. F. Babin, Bank Examiner	New Orleans.	"	Wm. F. Ritchie, Junior Bank Examiner.	Belmont.
"	P. R. Mosely, Bank Examiner	New Orleans.	"	W. S. Savery, Junior Bank Examiner.	Plymouth.
"	P. R. Breaux, Bank Examiner	New Orleans.	"	H. L. Sawyer, Junior Bank Examiner.	Newtonville.
"	J. B. Hill, Examiner	New Orleans.	"	Burton T. Spencer, Junior Bank Examiner.	Worcester.
"	W. C. Evans, Examiner	New Orleans.	"	Eugene F. Storrs, Junior Bank Examiner.	Needham.
"	C. Girard, Bank Examiner	New Orleans.	"	B. F. Strand, Jr., Junior Bank Examiner.	Brookline.
"	J. Q. Wright, Office Examiner	New Orleans.	"	Kenneth W. Tatro, Junior Bank Examiner.	East Lynn.
"	J. S. Brock, Jr., Gen. Asst.	New Orleans.	"	W. A. Warren, Junior Bank Examiner.	Newton.
			"	Edward S. Whitmarsh, Junior Bk. Exam.	Medford.
Maine...	Sanger N. Annis, Bank Commissioner	Augusta.	"	Donald M. Williams, Junior Bk. Exam.	Newton Highlands.
"	J. Franklin Anderson, Deputy Bank Com.	Gardiner.	"	B. F. Wood, Junior Bank Examiner.	Brighton.
"	T. Frank Parker, Senior Examiner	Belfast.	"	John W. Slye, Senior Credit Exam.	Malden.
"	Ernest C. Stinson, Examiner	Bangor.	"	Donald K. Taylor, Asst. Credit Exam.	Everett.
"	Harold W. Lord, Examiner	Brewer.	"	Harry N. Thomas, Asst. Credit Examiner.	Walden.
"	Edgar M. Goodrich, Examiner	Hampden.	"	A. Welwood, Asst. Credit Examiner.	Cambridge.
"	George H. Young, Assistant Examiner	Portland.	"	Felix A. Kulik, Junior Clerk	Beverly.
"	Walter E. Frank, Asst. Examiner	Portland.	"	Eric D. Rice, Junior Clerk	Lynn.
"	David B. Moody, Asst. Examiner	Bath.			
"	Albert S. Noyes, Asst. Examiner	Kear Falls.	Mich.....	R. E. Reichert, Commissioner	Lansing.
"	J. Malcolm Stanley, Asst. Examiner	Bangor.	"	C. Taylor, Deputy Commissioner	Lansing.
"	Harold F. Holmes, Asst. Examiner	Augusta.	"	Fred Martin, Deputy Commissioner	Lansing.
"	Kenneth B. Foss, Loan Agcy. Examiner	Augusta.	"	K. H. Butters, Bank Examiner	Bay City.
"	Annie R. Norman, Clerk	Augusta.	"	R. A. Bengt, Bank Examiner	Battle Creek.
"	Agnes M. Hickey, Assistant Clerk	Gardiner.	"	R. A. Carroll, Bank Examiner	Battle Creek.
"	Hal. G. Hoyt, Securities Examiner	Augusta.	"	R. M. Daane, Bank Examiner	Grand Rapids.
"	F. Bernice Sowden, Registration Clerk	Gardiner.	"	L. M. Fenton, Bank Examiner	Port Huron.
			"	C. A. Fors, Bank Examiner	Lansing.
Md.....	Geo. W. Page, Bank Com., Sixth Floor Union Trust Bldg., cor. Charles and Fayette Sts.	Baltimore.	"	V. M. Geiger, Bank Examiner	Pigeon.
"	John D. Hospelhorn, Deputy Bank Com., Union Trust Bldg.	Baltimore.	"	C. H. Hewitt, Bank Examiner	Ann Arbor.
"	Wm. J. Gerbig, Senior Examiner, Union Trust Bldg.	Baltimore.	"	G. A. Hodson, Bank Examiner	Grand Rapids.
"	H. E. Meeks, Senior Examiner, Union Trust Bldg.	Baltimore.	"	H. G. Hudson, Bank Examiner	Detroit.
"	O. P. Conegys, Senior Examiner, Union Trust Bldg.	Baltimore.	"	R. I. Hudson, Bank Examiner	Detroit.
"	A. C. Merriam, Jr., Senior Examiner, Union Trust Bldg.	Baltimore.	"	E. G. McGugan, Bank Examiner	Howell.
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STATE BANK OFFICIALS AND EXAMINERS—Continued

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"	J. Harold Driscoll, Bank Examiner	Buffalo.	"	George W. Overly, Bank Examiner	Mount Pleasant.
"	Robert J. Hyland, Bank Examiner	80 Centre St., N. Y.	"	Reuben J. Hubbard, Bank Examiner	Scranton.
"	Walter E. Nolan, Bank Examiner	80 Centre St., N. Y.	"	Norman J. MacMichael, Bank Examiner	Philadelphia.
"	Gwynne W. Spencer, Bank Examiner	Syracuse.	"	Paul J. Stratiff, Bank Examiner	Marion Center.
N. C.	Gurney P. Hood, Commissioner of Banks	Raleigh.	"	Charles S. Dugan, Bank Examiner	Philadelphia.
"	C. I. Taylor, Liquidating Agent	Raleigh.	"	Ward R. Lewis, Bank Examiner	Upper Darby.
"	W. L. Williams, Bank Examiner	Raleigh.	"	Ralph Forman, Bank Examiner	Philadelphia.
"	D. M. Darden, Bank Examiner	Raleigh.	"	Victor Gudatits, Bank Examiner	Wilkes-Barre.
"	L. H. Harrison, Asst. Bank Examiner	Raleigh.	"	Robinson R. Hebrigel, Bank Examiner	Scranton.
"	W. M. Wiggins, Asst. Bank Examiner	Raleigh.	"	William F. McNally, Bank Examiner	Philadelphia.
"	B. R. Roberts, Asst. Bank Examiner	Raleigh.	"	Lucean C. Kunkle, Bank Examiner	Greensburg.
"	J. B. Carson, Asst. Bank Examiner	Raleigh.	"	Charles B. Husted, Bank Examiner	Philadelphia.
"	J. E. Bobbitt, Clerk-Examiner	Raleigh.	"	Chas. K. Booda, Bank Examiner	Upper Darby.
"	Jno. F. Sullivan, Asst. Bank Examiner	Raleigh.	"	A. Rise Bowman, Bank Examiner	Lebanon.
"	S. B. Kittrell, Asst. Bank Examiner	Raleigh.	"	Christian H. Brandt, Bank Examiner	Mechanicsburg.
"	Dorsey W. Lynch, Clerk-Examiner	Raleigh.	"	Gerald M. Anderson, Bank Examiner	Kingston.
N. D.	Gilbert Semington, State Examiner	Bismarck.	"	Chas. V. Brown, Bank Examiner	Drexel Hill.
"	J. M. Shirek, Office Deputy	Bismarck.	"	Earl D. Buck, Bank Examiner	Muncy.
"	R. See, Deputy Examiner	Minot.	"	R. B. Carmany, Bank Examiner	Myerstown.
"	J. W. Goodman, Deputy Examiner	Bismarck.	"	Wm. V. Davies, Bank Examiner	Harrisburg.
"	P. L. Larsen, Deputy Examiner	Valley City.	"	Fred K. Denison, Bank Examiner	Bywood.
"	J. K. Nesvik, Deputy Examiner	Grand Forks.	"	Thomas Dixon, Bank Examiner	Philadelphia.
"	Andrew Sathe, Deputy Examiner (City and Co.)	Valley City.	"	William Jefferis, Bank Examiner	Philadelphia.
"	J. R. Snyder, Deputy Exam. (City and Co.)	Bismarck.	"	Milton Donough, Bank Examiner	Lebanon.
"	J. A. Brown, Deputy Exam. (City and Co.)	Rolla.	"	Robert P. Ferguson, Chief Bank Examiner	Philadelphia.
Ohio.	I. J. Fulton, Superintendent of Banks	Columbus.	"	Wayne V. Frye, Bank Examiner	Monessen.
"	A. C. Krug, Deputy Superintendent	Columbus.	"	J. Allen Gebhard, Bank Examiner	Lebanon.
"	D. A. Filler, Chief Examiner	Columbus.	"	Frank Glatfelter, Bank Examiner	Philadelphia.
"	F. R. Ambler, Examiner	Columbus.	"	Raymond H. Gorsuch, Bank Examiner	Greensburg.
"	E. R. Schurr, Examiner	London.	"	Frederick C. Hallowell, Bank Examiner	Wayne.
"	Chas. G. Saffin, Jr., Attorney Examiner	Columbus.	"	U. Shuman Hart, Bank Examiner	Carlisle.
"	George T. Blake (foreign Ex. & Tr. Officer)	Columbus.	"	John R. Hostetter, Bank Examiner	St. Thomas.
"	C. W. Miller, Liquidating Agent	Newark.	"	R. K. Houck, Bank Examiner	Indiana.
"	D. J. Schurr, Liquidating Agent	Columbus.	"	Harold T. Houston, Bank Examiner	Beaver Falls.
"	J. C. Van Pelt, Liquidating Agent	Columbus.	"	T. Earl Hutchinson, Bank Examiner	Upper Darby.
"	F. H. Downing, Liquidating Agent	Lima.	"	John Isaac, Bank Examiner	Scranton.
"	H. F. Ashley, Bank Examiner	Oberlin.	"	Elliot D. Jones, Bank Examiner	Kingston.
"	Charles G. Bell, Bank Examiner	Norwalk.	"	Elwood H. Keithan, Chief Bank Examiner	Wilkes-Barre.
"	Irene Berger, Bank Examiner	Mt. Vernon.	"	Ralph W. Knowles, Bank Examiner	Philadelphia.
"	John A. Head, Bank Examiner	Greenfield.	"	C. P. T. Lancaster, Bank Examiner	Bellevue.
"	A. J. Romer, Bank Examiner	Floral Ave., Norwood.	"	R. F. Landis, Bank Examiner	Halifax.
"	G. W. Burr, Bank Examiner	Lakewood.	"	R. S. Landis, Bank Examiner	Wilkes-Barre.
"	C. L. Ault, Bank Examiner	644 Oxford Ave., Dayton.	"	M. J. Lavin, Bank Examiner	Swarthmore.
"	Wm. S. Fronizer, Bank Examiner	Sandusky.	"	A. V. Lees, Bank Examiner	Philadelphia.
"	E. B. Gray, Bank Examiner	Columbus.	"	W. Dittrich Levy, Bank Examiner	Philadelphia.
"	C. D. Houser, Bank Examiner	Upper Sandusky.	"	Wilson D. Lewis, Bank Examiner	Harrisburg.
"	A. E. Johnson, Bank Examiner	Marion.	"	Ralph Lischy, Bank Examiner	Philadelphia.
"	Isaac Jones, Bank Examiner	Cincinnati.	"	Wm. J. McCuen, Bank Examiner	Philadelphia.
"	Eugene E. King, Bank Examiner	Deshler.	"	Howard A. McCullough, Bank Examiner	Philadelphia.
"	Wm. M. Konzen, Bank Examiner	Napoleon.	"	Thos. P. McGarrity, Bank Examiner	Philadelphia.
"	John F. Kramer, Jr., Bank Examiner	Mansfield.	"	Jos. F. Malott, Bank Examiner	Philadelphia.
"	Leroy Kuhlman, Bank Examiner	New Knoxville.	"	Leonard Markofski, Bank Examiner	Nanticoke.
"	C. A. Ladrach, Bank Examiner	Dover.	"	Ondree H. Marsh, Bank Examiner	Tunkhannock.
"	C. R. Lawrence, Bank Examiner	Canton.	"	Chas. B. Matsinger, Bank Examiner	Clarks Summit.
"	R. F. Lind, Bank Examiner	Columbus.	"	Raymond A. Mayer, Bank Examiner	Valley View.
"	H. L. Lockwood, Bank Examiner	Frankfort.	"	John J. Meighen, Bank Examiner	Wilkinsburg.
"	Gustave H. Lonsway, Bank Examiner	Tiffin.	"	James M. Miller, Bank Examiner	Pittsburgh.
"	Wm. Taafel, Bank Examiner	136 Jefferson Rd., Newark.	"	J. Stanley Miller, Bank Examiner	Harrisburg.
"	Thomas McEldowny, Bank Examiner	Upper Sandusky.	"	James W. MacBurney, Bank Examiner	Philadelphia.
"	Paul Mitchell, Bank Examiner	Columbus.	"	Wm. F. Mitchell, Bank Examiner	Philadelphia.
"	W. J. Monahan, Bank Examiner	Columbus.	"	Howard A. Neidig, Bank Examiner	Lemoine.
"	R. W. Mytholar, Bank Examiner	Akron.	"	John L. O'Harrow, Bank Examiner	Philadelphia.
"	N. E. Reichelderfer, Bank Examiner	Circleville.	"	E. Paul Ophar, Bank Examiner	Mt. Carmel.
"	Chas. C. Roberts, Jr., Bank Examiner	Hamden.	"	W. E. Palmer, Jr., Bank Examiner	Pittsburgh.
"	Clyde Sharp, Bank Examiner	Ada.	"	C. Edwin Payne, Bank Examiner	Pleasant Mount.
"	W. J. Skehan, Bank Examiner	Toledo.	"	Guy P. Porter, Bank Examiner	West Newton.
"	L. E. Smart, Bank Examiner	Pindlay.	"	Richard H. Mohler, Bank Examiner	Oakmont.
"	Edgar L. Traxler, Bank Examiner	Lakewood.	"	Ralph W. Reitzel, Bank Examiner	Williamsport.
"	John C. Van Pelt, Bank Examiner	Columbus.	"	Ralph S. Ruth, Bank Examiner	Scranton.
"	Frank Wagner, Bank Examiner	E. Cleveland.	"	Walter W. Lapham, Bank Examiner	Pittsburgh.
"	Paul Warner, Bank Examiner	Utica.	"	Chas. E. Schmucker, Bank Examiner	Philadelphia.
"	Clarence B. Welsby, Bank Examiner	Akron.	"	H. L. Scott, Bank Examiner	Bellevue.
"	Joseph E. Welsh, Bank Examiner	London.	"	Wm. C. Selsor, Bank Examiner	Philadelphia.
"	R. H. Willett, Bank Examiner	Greenwich.	"	R. H. Shick, Bank Examiner	Duquesne.
"	B. L. Williams, Bank Examiner	Blanchester.	"	Geo. T. Sloan, Bank Examiner	Arncliffe.
"	H. C. Lucas, Bank Examiner	Cincinnati.	"	Charles W. Snyder, Bank Examiner	Sunbury.
"	L. C. Bucher, Bank Examiner	Dayton.	"	Scott A. Soles, Bank Examiner	McKeesport.
Okla.	C. G. Shull, Bank Commissioner	Capitol Bldg., Oklahoma City.	"	Wm. M. Steckley, Bank Examiner	Harrisburg.
"	C. J. Alexander, Asst. Bank Com.	Capitol Bldg., Oklahoma City.	"	Chas. A. Steele, Bank Examiner	Franklin.
"	J. D. Pennington, Bank Examiner	Capitol Bldg., Oklahoma City.	"	Raymond R. Stoner, Bank Examiner	Harrisburg.
"	W. C. Ernest, Bank Examiner	Capitol Bldg., Oklahoma City.	"	Chas. G. Strang, Bank Examiner	Punxsutawney.
"	A. F. Manning, Bank Examiner	Capitol Bldg., Oklahoma City.	"	Frank S. Strite, Bank Examiner	Greencastle.
"	H. H. Hinkle, Bank Examiner	Hugo.	"	Donald H. Strong, Bank Examiner	Philadelphia.
"	E. E. Wilson, Bank Examiner	Oklahoma City.	"	George M. Stroud, Jr., Bank Examiner	Chester.
"	M. C. Trimble, Bank Examiner	Shawnee.	"	George S. Summers, Chief Bank Exam.	Harrisburg.
"	Tom G. Taylor, Bank Examiner	Oklahoma City.	"	J. D. Swigart, Chief Bank Examiner	Pittsburgh.
"	R. A. Patton, Bank Examiner	Claremore.	"	J. W. Taylor, Bank Examiner	Clariton.
Ore.	A. A. Schramm, Supt. of Banks	Salem.	"	Wm. R. Turner, Bank Examiner	Chester.
"	Tinkham Gilbert, Asst. Supt. of Banks	Salem.	"	Cyril G. Vogel, Bank Examiner	Pittsburgh.
"	H. O. Voget, Examiner	Portland.	"	Ed. W. Wentworth, Bank Examiner	Dormont.
"	Herbert F. Clarke, Examiner	Portland.	"	J. F. Whelihan, Jr., Bank Examiner	Philadelphia.
"	M. W. Starbuck, Examiner	Portland.	"	Edgar W. Hutchinson, Bank Examiner	Philadelphia.
"	George E. Cusick, Examiner	Portland.	"	Fred Wigfield, Jr., Bank Examiner	Steelton.
"	E. T. Way, Examiner	Portland.	"	W. R. Wirth, Bank Examiner	Pittsburgh.
"	O. J. Smith, Secretary	Salem.	"	Chas. S. Worthington, Bank Examiner	Doylestown.
"	Sydney Kromer, Statistician	Salem.	"	Paul A. Yeager, Bank Examiner	Edgewood.
Pa.	William D. Gordon, Secretary of Banking	State Capitol Bldg., Harrisburg.	"	Chas. H. Zimmerman, Bank Examiner	Huntingdon.
"	Robert W. Doty, First Deputy Secretary	Harrisburg.	"	Thomas H. Fongler, Bank Examiner	Philadelphia.
"	Irland McK. Beckman, Deputy Secretary	Harrisburg.	"	Frederic L. Zellner, Bank Examiner	McKees Rocks.
			"	D. Boulton Musser, Bank Examiner	Camp Hill.
			"	James W. Turtle, Bank Examiner	Philadelphia.
R. I.	Latimer W. Ballou, Bank Commissioner	Room 110 State House, Providence.			
"	E. J. Littlefield, Deputy Commissioner	Providence.			
"	W. L. Offer, Bank Examiner	Providence.			
"	John T. Pollard, Bank Examiner	East Providence.			
"	R. L. Sayles, Bank Examiner	Cranston.			
"	Andrew Winsor, Bank Examiner	Providence.			
"	Wm. B. Fraser, Bank Examiner	Warwick.			
"	Walter S. Grant, Jr., Bank Examiner	Providence.			
"	Irma G. Henrikson, Clerk	Providence.			
"	Madeline M. Lamb, Clerk	Providence.			
S. C.	Albert S. Fant, State Bank Examiner	Columbia.			
"	W. R. Watkins, Associate Bank Exam.	Greenville.			
"	D. J. Winn, Associate Bank Examiner	Darlington.			

STATE BANK OFFICIALS AND EXAMINERS—Continued

STATE	NAME	ADDRESS
S. C.	C. M. Fuller, Associate Bank Examiner	Spartanburg.
(Cont.)	W. R. Scarborough, Asst. Bank Examiner	Columbia.
"	W. N. Query, Asst. Bank Examiner	Columbia.
"	C. L. Walker, Asst. Bank Examiner	Greenville.
"	Leroy Wilson, Asst. Bank Examiner	Columbia.
"	J. M. Smith, Auditor State Institutions	Columbia.
"	F. B. Ruff, Asst. Auditor State Institutions	Columbia.
"	Roof Shealy, Asst. Auditor State Institutions	Columbia.
"	H. O. Smith, Asst. Bank Examiner	Columbia.
S. D.	E. A. Ruden, Supt. of Banks	Pierre.
"	A. E. Fossum, Deputy Supt. of Banks	Pierre.
"	A. L. Wikholm, Asst. to Supt. of Banks	Pierre.
"	F. J. Benthin, Special Counsel	Pierre.
"	U. G. Stevenson, Bank Examiner	Sioux Falls.
"	E. J. Morris, Bank Examiner	Mitchell.
"	Chris Hirling, Bank Examiner	Sioux Falls.
"	S. E. Anderson, Bank Examiner	Sioux Falls.
"	H. F. Boettcher, Bank Examiner	Yankton.
"	P. S. Barber, Bank Examiner	Pierre.
"	A. E. Dahl, Bank Examiner	Castlewood.
"	George H. Burt, Bank Examiner	Watertown.
Tenn.	D. D. Robertson, Supt. of Banks	512-14 Bennie Dillon Bldg., Nashville.
"	Hallum W. Goodloe, Deputy & Chief Clerk	Nashville.
"	J. F. Hunt, Bank Examiner	Memphis.
"	H. G. Bratton, Bank Examiner	Nashville.
"	J. M. Davis, Bank Examiner	Lawrenceburg.
"	H. B. Clarke, Bank Examiner	Troy.
"	W. A. Clame, Bank Examiner	Knoxville.
"	H. R. Jordan, Bank Examiner	Chattanooga.
Texas	James Shaw, Banking Commissioner	State Capitol, Austin
"	J. E. Roberts, Deputy Banking Com.	State Capitol, Austin
"	B. H. Wooten, Departmental Examiner	Austin.
"	F. C. Branson, Bank Examiner	State Capitol, Austin
"	L. J. Davis, Bank Examiner	State Capitol, Austin
"	W. W. Dees, Bank Examiner	State Capitol, Austin
"	J. M. Falkner, Bank Examiner	State Capitol, Austin
"	W. N. Greer, Bank Examiner	State Capitol, Austin
"	H. W. Barton, Bank Examiner	State Capitol, Austin
"	C. S. Holderness, Bank Examiner	State Capitol, Austin
"	M. E. Hulse, Bank Examiner	State Capitol, Austin
"	E. W. Jamison, Bank Examiner	State Capitol, Austin
"	J. T. McMillin, Bank Examiner	State Capitol, Austin
"	G. A. Swain, Bank Examiner	State Capitol, Austin
"	Walter B. Rider, Bank Examiner	State Capitol, Austin
"	G. H. Heath, Bank Examiner	State Capitol, Austin
"	Phil. Nolan, Asst. Bank Examiner	State Capitol, Austin
"	W. G. Adams, Jr., Asst. Bank Examiner	State Capitol, Austin
"	John Kvinta, Asst. Bank Examiner	State Capitol, Austin
"	A. O. Nicholson, Asst. Bank Examiner	State Capitol, Austin
Utah	W. H. Hadlock, Bank Commissioner, Room 217, State Capitol Bldg.	Salt Lake City.
"	Chesley Barton, Chief Examiner	Salt Lake City.
"	Ernest O. Robbins, Bank Examiner	Salt Lake City.
"	W. M. Parker, Bank Examiner	Salt Lake City.
Vt.	R. C. Clark, Bank Commissioner, State St.	Montpellier.
"	Kathleen E. O'Leary, Chief Clerk	Barre.
"	L. H. Lavalley, Bank Examiner	Rutland.
"	R. D. Watkins, Bank Examiner	Barre.
"	R. L. Kelleher, Bank Examiner	Montpellier.
Va.	M. E. Bristow, Com. of Ins. & Banking, 1010 State Office Bldg.	Richmond.
"	L. R. Ritchie, Examiner	Richmond.
"	B. J. Woodward, Examiner	Richmond.
"	E. J. Smith, Examiner	Saluda.
"	R. T. Short, Examiner	Lawrenceville.
"	D. T. Zentmeyer, Asst. Examiner	Roanoke.

STATE	NAME	ADDRESS
Va.	W. D. Blanks, Bank Examiner	Petersburg.
(Cont.)	C. P. Justis, Asst. Bank Examiner	Blackstone.
"	R. F. B. Steele, Asst. Examiner	Appomattox.
"	G. Harwood Bates, Asst. Examiner	Richmond.
"	H. M. Thrush, Asst. Examiner	Front Royal.
"	W. R. Gardner, Asst. Examiner	Galax.
Wash.	C. S. Moody, Supervisor of Banking	Olympia.
"	S. Zeno Varnes, Deputy Supervisor of Bkg.	Olympia.
"	H. S. Wilson, Bank Examiner	Spokane.
"	O. S. Sumner, Bank Examiner	Spokane.
"	Geo. H. Jackson, Bank Examiner	Seattle.
"	A. J. Cotton, Bank Examiner	Longview.
"	L. J. Esslinger, Bank Examiner	Seattle.
"	A. R. Bergman, Bank Examiner	Yakima.
"	Fred W. Moe, Bank Examiner	Spokane.
W. Va.	L. R. Charter, Com. of Banking	West Union.
"	Helen S. Barringer, Deputy Commissioner	Charleston.
"	Alta Wagner, Secretary	Charleston.
"	Nina B. Wills, Typist	Charleston.
"	H. P. Brightwell, Bank Examiner	Charleston.
"	C. S. Summers, Bank Examiner	Charleston.
"	M. Workman, Bank Examiner	Keyhole.
"	C. F. Smith, Bank Examiner	West Union.
"	F. O. Lamb, Bank Examiner	Bluefield.
"	John J. Nash, Bank Examiner	Huntington.
"	D. Gay Freshman, Asst. Bank Examiner	Walton.
"	K. S. Coleman, Bank Exam., Bldg. & Loan	Charleston.
"	C. E. Lawhead, Receiver	Clarksburg.
"	E. L. Morrison, Receiver	Charleston.
Wis.	Thomas Herreid, Acting Commissioner	Madison.
"	C. P. Diggles, Supervisor Bldg. & Loan	Madison.
"	R. B. Ellis, Bank Examiner	Madison.
"	C. L. Pitman, Acting Chief Examiner	Madison.
"	H. F. Ibach, Acting Director of Liquidation	Madison.
"	Chas. T. Shape, Bank Examiner	Madison.
"	W. C. Edwards, Bank Examiner	Madison.
"	E. H. Rothe, Bank Examiner	Wisconsin Dells.
"	G. W. Jamieson, Bank Examiner	Madison.
"	I. E. Backus, Bank Examiner	Madison.
"	Geo. Poundstone, Bank Examiner	Mellen.
"	S. N. Schafer, Bank Examiner	Madison.
"	G. A. Shape, Bank Examiner	Madison.
"	Harry W. Barney, Bank Examiner	Sparta.
"	E. L. Richardson, Bank Examiner	Fond du Lac.
"	Thos. M. Purtell, Building and Loan Exam.	Madison.
"	Stanley R. Caldwell, Building and Loan Examiner	Madison.
"	Arthur C. Moors, Building and Loan Ex.	Wauwatosa.
"	Herbert E. Platz, Building and Loan Ex.	Wauwatosa.
"	Karl V. Schoenecker, Building and Loan Examiner	Madison.
"	E. G. Hampton, Building and Loan Exam.	Madison.
"	A. F. Wanta, Building and Loan Exam.	Wauwatosa.
"	Harry Haslet, Junior Examiner	Fond du Lac.
"	Clarence C. Steele, Junior Examiner	Sparta.
"	F. O. Teske, Junior Examiner	Princeton.
"	R. D. Luther, Junior Examiner	Wauwatosa.
"	G. E. Vallier, Asst. Examiner	South Milwaukee.
"	R. E. Kileen, Asst. Examiner	Wautoma.
"	Theo. M. Meloy, Asst. Examiner	Madison.
"	Nelson C. Plotz, Asst. Examiner	Prairie du Sac.
"	M. C. Benninger, Asst. Examiner	Waterloo.
"	Greg M. Buenzi, Asst. Examiner	Madison.
"	Guerdon M. Matthews, Asst. Examiner	Madison.
"	Basil I. Peterson, Asst. Examiner	Madison.
"	John C. Brown, Asst. Examiner	Lake Geneva.
"	Gerald C. Maloney, Asst. Examiner	Madison.
"	Carl A. Jievrud, Asst. Examiner	Neillsville.
Wyo.	John A. Reed, State Examiner	State Capitol Bldg., Cheyenne.
"	A. L. Putnam, Deputy State Examiner	Cheyenne.
"	W. E. Banks, Examiner	Cheyenne.
"	O. Bertagnoli, Jr., Bank Examiner	Cheyenne.
"	J. E. Foreman, Examiner	Cheyenne.
"	O. Low, Jr., Examiner	Cheyenne.
"	L. L. Williams, Examiner	Cheyenne.

LIST OF NATIONAL BANK EXAMINERS AND DISTRICTS

January 1, 1932

NAME AND FEDERAL RESERVE DISTRICT	ADDRESS
CHIEF NATIONAL BANK EXAMINER	
Folger, W. P.	Office, Comptroller of the Currency, Washington, D. C.

ASSISTANT CHIEF NATIONAL BANK EXAMINERS	
Crossen, G. W.	Office, Comptroller of the Currency, Washington, D. C.
Hodgson, R. M.	Office, Comptroller of the Currency, Washington, D. C.
McBryde, W. W.	Office, Comptroller of the Currency, Washington, D. C.
Smith, C. F.	Office, Comptroller of the Currency, Washington, D. C.
Wilson, C. F.	Office, Comptroller of the Currency, Washington, D. C.

DISTRICT CHIEF NATIONAL BANK EXAMINERS (By Federal Reserve Districts)	
Williams, F. D. (1)	Federal Reserve Bank Bldg., Boston, Mass.
Roberts, L. K. (2)	525 Federal Res. Bk. Bldg., New York, N. Y.
Newnam, Stephen L. (3)	1500 Walnut St., Room 1503, Philadelphia, Pa.
Taylor, William (4)	715 Federal Res. Bk. Bldg., Cleveland, Ohio.
Chorpening, I. I. (5)	Nat. Metropolitan Bk. Bldg., Washington, D. C.
Robb, Ellis D. (6)	77 First National Bank Bldg., Atlanta, Ga.
Leyburn, A. P. (7)	164 W. Jackson Blvd., Room 1209, Chicago, Ill.
Neill, Robt. (8)	1310 Federal Commerce Trust Bldg., St. Louis, Mo.
Madland, L. L. (9)	1334 First National Soo Line Bldg., Minneapolis, Minn.
Wright, I. D. (10)	800 Federal Res. Bk. Bldg., Kansas City, Mo.
Collier, Richard H. (11)	1706 Republic Bank Bldg., Dallas, Texas.
Harris, Thos. E. (12)	155 Montgomery St., Rm. 1103, San Francisco, Calif.

NATIONAL BANK EXAMINERS	
Allen, E. F. (10)	800 Federal Res. Bk. Bldg., Kansas City, Mo.
Amrhein, Joseph A. (5)	Room 1203 First N. Bk. Bldg., Charlotte, N. C.
Anderson, Glenn E. (10)	P. O. Box 1546, Muskogee, Okla.
Anderson, O. (2)	525 Federal Res. Bldg., New York, N. Y.
Ashwood, Cecil (2)	Statler Hotel, Buffalo, N. Y.
Austin, James W. (4)	715 Federal Res. Bk. Bldg., Cleveland, Ohio.
Bailey, J. L. (5)	611 National Metropolitan Bk. Bldg., Washington, D. C.
Baker, W. B. (3)	1500 Walnut St., Room 1503, Philadelphia, Pa.
Baldrige, W. H. (12)	639 H. W. Hellman Bldg., Los Angeles, Calif.
Barnett, M. L., Jr. (5)	P. O. Box 958, Charlotte, N. C.
Basham, A. A. (6)	P. O. Box 940, Knoxville, Tenn.
Baty, M. R. (7)	P. O. Box 527, Rock Island, Ill.
Beaton, G. W. (7)	329 New Federal Bldg., Des Moines, Iowa.
Becker, E. J., Jr. (10)	P. O. Box 188, Clinton, Okla.
Bishop, R. O. (10)	800 Federal Res. Bk. Bldg., Kansas City, Mo.
Black, H. W. (2)	525 Federal Res. Bk. Bldg., New York, N. Y.
Bleakley, B. J. (4)	P. O. Box 44, Greensburg, Pa.
Boyle, L. J. (9)	P. O. Box 471, Fargo, N. D.
Boysen, Alfred (3)	Post Office Bldg., Wilkes-Barre, Pa.
Brown, H. L. (7)	164 W. Jackson Blvd., Chicago, Ill.
Burt, Ross M. (10)	350 Colorado N. Bk. Bldg., Denver, Colo.
Byrne, James J. (6)	P. O. Box 741, Montgomery, Ala.
Carter, A. B.	Room 348, Treasury Dept., Washington, D. C.
Clark, L. H. (5) (J.G.)	Nat. Metropolitan Bk. Bldg., Washington, D. C.
Clarke, A. A. (4)	307 Leonard Bldg., Washington, Pa.
Clarke, F. S. (2)	Gen'l Delivery, Kingston, N. Y.
Coffin, George M. (Rec.)	Care of First National Bank, Putnam, Conn.
Coffin, G. S. (12)	155 Montgomery St., Rm. 1103, San Francisco, Calif.
Coggins, J. D. (10)	Box 1091 Oklahoma City, Okla.
Cooke, A. J. (12)	638 H. W. Hellman Bldg., Los Angeles, Calif.
Crawford, H. M. (3) (J.G.)	1500 Walnut St., Room 1503, Philadelphia, Pa.
Cunningham, F. (6)	P. O. Box 1175, Lakeland, Fla.
Cutler, W. (7)	P. O. Box 140, Decatur, Ill.
Davenport, H. B. (3)	1500 Walnut St., Rm. 1503, Philadelphia, Pa.
DeBaun, Claude (2)	P. O. Box 442, Utica, N. Y.
Dolan, Reed (6)	P. O. Box 442, Albany, Ga.
Donahue, C. A. (12)	638 H. W. Hellman Bldg., Los Angeles, Calif.
Donahue, W. H. (10)	800 Federal Res. Bk. Bldg., Kansas City, Mo.
Donovan, Leo D. (7)	Hotel Keenan, Fort Wayne, Ind.
Dooley, Thomas E. (1)	64 Riggs Ave., West Hartford, Conn.
Douglas, A. M. (2)	P. O. Box 221, Albany, N. Y.
Dresler, H. B. (4)	Box 14, Mansfield, Ohio.
Dunlap, Thomas C. (3)	1500 Walnut St., Room 1503, Philadelphia, Pa.
Dye, Sam W. (7)	326 Central Nat'l Bank Bldg., Peoria, Ill.
Elkins, Lewis R. (8)	216 Federal Bldg., Evansville, Ind.
Embry, Jacob (11)	1706 Republic Bank Bldg., Dallas, Texas.
Evans, Clyde J. (6)	P. O. Box 822, Nashville, Tenn.
Faris, A. B. (4)	P. O. Box 506, Richmond, Ky.
Finney, R. Gordon (3)	P. O. Box 491, Williamsport, Pa.
Foster, Charles W. (11)	Care of Federal Res. Bk. Bldg., Houston, Tex.
Francis, O. C. (2)	525 Fed. Res. Bk. Bldg., New York, N. Y.
Fraser, J. A. (10)	P. O. Box 574, Hutchinson, Kan.
Freeman, O. M. (1)	205 Governor St., Providence, R. I.
Fuller, Harry R. (7)	P. O. Box 592, Indianapolis, Ind.
Funsten, W. P. (12)	638 H. W. Hellman Bldg., Los Angeles, Calif.
Gaskell, G. R. (4)	715 Federal Res. Bk. Bldg., Cleveland, Ohio.
Gentry, James H. (9)	9 Midland Bk. Bldg., Billings, Mont.
Gilbert, H. B. (11)	P. O. Box 318, Wichita Falls, Texas.
Glazier, Chas. A. (12)	638 H. W. Hellman Bldg., Los Angeles, Calif.
Goodhart, R. W.	Care of Div. of Insolvent National Banks, Office of Comptroller of the Currency, Treas. Dept., Washington, D. C.
Gray, W. M. (12) (J.G.) (Rec.)	Care of First National Bk., Blythe, Calif.
Green, A. W. (1)	Fed. Reserve Bk. Bldg., Boston, Mass.
Griffin, Gerald (1)	Federal Reserve Bank Bldg., Boston, Mass.
Gulles, F. A. (6)	135 Gertrude Ave., N. E., Atlanta, Ga.
Harrison, H. G. (1)	601 West Oak St., Carbondale, Ill.
Hartman, Chas. H. (3)	5550 Willows Ave., Philadelphia, Pa.
Hauschild, L. P. (4)	P. O. Box 473, New Castle, Pa.
Hawkins, J. W. (11)	P. O. Box 1471, Abilene, Texas.
Hedrick, G. C. (11)	1706 Republic Bk. Bldg., Dallas, Texas.
Hooker, Robert K. (8)	1310 Fed. Com. Trust Bldg., St. Louis, Mo.
Hooper, Marshall (12)	507 Farmers Mechanics Bldg., Sacramento, Calif.
Hopkins, R. L. (7)	164 W. Jackson Blvd., Room 1209, Chicago, Ill.
Horton, B. E. (11)	1319 13th Ave., Corsicana, Texas.
Hotchkiss, Paul L. (2)	326 Ten Eyck St., Watertown, N. Y.
Huck, Wm. F. (9)	1334 First National Soo Line Bldg., Minneapolis, Minn.
Hurley, Michael J. (1)	Federal Reserve Bank Bldg., Boston, Mass.
Hutt, Wm. E. (11)	Sherman, Texas.
Ickler, L. H., Jr. (9) (J.G.)	309 Torrey Bldg., Duluth, Minn.
Jorres, G. W. (12) (J.G.)	415 First Nat'l Bk. Bldg., Santa Ana, Calif.
Julius, W. E. (4)	Box 421 Wheeling, W. Va.
Kane, W. W. (8)	5381 Pershing Ave., St. Louis, Mo.
Ketner, John H. (3)	426 Carsonia Ave., Pennside, Reading, Pa.
Krippel, F. W. (6)	717 First Nat'l Bk. Bldg., Atlanta, Ga.
Lamb, Ernest (11)	619 Ft. Worth Club Bldg., Ft. Worth, Tex.

(Rec.) Acting as Receiver of a National Bank. (J.G.) National Bank Examiner, Junior Grade. (U.) Unassigned.

NAME AND FEDERAL RESERVE DISTRICT	ADDRESS
Lammond, W. M. (6)	P. O. Box 1364, New Orleans, La.
Lanum, Harry L. (4) (Rec.)	Care of Citizens Nat'l Bk., Wilmington, Ohio.
Larsen, Walter (2)	525 Federal Res. Bk. Bldg., New York, N. Y.
Lauffer, H. E. (7)	309 New Federal Bldg., Des Moines, Iowa.
Lilly, John F. (8)	1310 Fed. Com. Tr. Bldg., St. Louis, Mo.
Linden, C. O. (12)	403 Empire State Bldg., Spokane, Wash.
Logan, J. M. (Rec.)	Care of First National Bank, Charlotte, N. C.
Lorang, P. J. (2)	525 Fed. Res. Bk. Bldg., New York, N. Y.
Luiken, John B. (6)	823 Comer Bldg., Birmingham, Ala.
Luscombe, A. P. (2)	525 Fed. Res. Bk. Bldg., New York, N. Y.
Lyons, C. W. (10)	P. O. Box 404, Norfolk, Neb.
Lyons, Gibbs (U)	Div. of Insolvent National Banks, Office of Comptroller of the Currency, Treasury Dept., Washington, D. C.
McCall, W. P. (1)	Federal Reserve Bank Bldg., Boston, Mass.
McCans, A. B. (2)	525 Fed. Res. Bk. Bldg., New York, N. Y.
McClain, J. S. (6)	717 First National Bank Bldg., Atlanta, Ga.
McCoy, Thomas P. (12)	514 P. O. Bldg., Portland, Ore.
McGinnis, F. J. (3)	1500 Walnut St., Room 1503, Philadelphia, Pa.
McLaren, D. D. (9)	309 Torrey Bldg., Duluth, Minn.
McLean, O. H. (12)	522 Central Bldg., Seattle, Wash.
Male, W. N. (10)	Box 1082, Pueblo, Colo.
Medill, Geo. L. (3)	P. O. Box 61, Lancaster, Pa.
Miller, P. V. (10)	800 Federal Res. Bk. Bldg., Kansas City, Mo.
Mooney, Russell E. (8)	P. O. Box 1092, Louisville, Ky.
Morgan, C. E. (12)	522 Central Bldg., Seattle, Wash.
Morgan, Wm. M. (3)	1500 Walnut St., Rm. 1503, Philadelphia, Pa.
Motter, Charles (5)	P. O. Box 493, Richmond, Va.
Murphy, Daniel F. (1)	31 Albion St., Melrose Highland, Mass.
Nelson, F. S. (10)	202 Federal Bldg., Grand Island, Neb.
Nelson, Nels (9)	1334 First National Soo Line Bldg., Minneapolis, Minn.
Norman, Louis A. (4)	P. O. Box 473, Newcastle, Pa.
O'Brien, L. J. (7)	P. O. Box 553, Sioux City, Iowa.
Ockershausen, F. C. (5)	Nat'l Metropolitan Bk. Bldg., Washington, D. C.
O'Conner, T. J. (2)	Hotel Syracuse, Syracuse, N. Y.
Olson, W. W. (9) (J.G.)	201 Security Nat'l Bk. Bldg., Sioux Falls, S. D.
Palmer, R. E. A. (12)	Box 2563, Boise, Idaho.
Parker, Edw. F. (1)	Federal Reserve Bank Bldg., Boston, Mass.
Penn, D. V. (2) (W.)	525 Federal Res. Bk. Bldg., New York, N. Y.
Peterson, F. R. (2)	525 Federal Res. Bk. Bldg., New York, N. Y.
Pierce, W. W. (11)	P. O. Box 1223, Shreveport, La.
Pole, J. H. (4)	715 Federal Res. Bk. Bldg., Cleveland, Ohio.
Price, A. E. (12)	155 Montgomery St., Rm. 1103, San Francisco, Calif.
Prickett, Karl E. (2)	525 Federal Res. Bk. Bldg., New York, N. Y.
Quinn, Henry F. (7)	164 W. Jackson Blvd., Room 1209, Chicago, Ill.
Rafter, C. T. (10)	P. O. Box 551, Cheyenne, Wyo.
Ramsdell, P. O. (5)	National Metropolitan Bank Bldg., Washington, D. C.
Ransom, F. T. (3)	1500 Walnut St., Room 1503, Philadelphia, Pa.
Regan, W. A. (7)	P. O. Box 536, Waterloo, Iowa.
Reitz, H. A. (2)	525 Federal Res. Bk. Bldg., New York, N. Y.
Reynolds, J. R. (2)	525 Federal Res. Bk. Bldg., New York, N. Y.
Ria, Ben P. (2)	525 Federal Res. Bk. Bldg., New York, N. Y.
Roberts, Jr., L. K. (2)	525 Federal Res. Bk. Bldg., New York, N. Y.
Robinson, H. P. (2)	525 Federal Res. Bk. Bldg., New York, N. Y.
Roetzel, G. F. (10)	P. O. Box 1091, Oklahoma City, Okla.
Roots, J. O. (11)	P. O. Box 1062, Austin, Texas.
Ross, M. A. (10)	800 Federal Reserve Bank Bldg., Kansas City, Mo.
Rossman, Richard (4)	715 Federal Res. Bk. Bldg., Cleveland, Ohio.
Rummel, John T. (12)	514 P. O. Bldg., Portland, Ore.
Sales, J. A. (2)	525 Federal Res. Bk. Bldg., New York, N. Y.
Sanders, J. L. (7)	P. O. Box 592, Indianapolis, Ind.
Sandlin, W. A. (11)	1706 Republic Bk. Bldg., Dallas, Texas.
Schechter, W. J. (7)	405 Federal Reserve Bk. Bldg., Detroit, Mich.
Schofield, John W. (U)	1539 Hayworth Ave., Hollywood, Calif.
Seabury, Robert M. (5)	Nat. Metropolitan Bk. Bldg., Washington, D. C.
Sedlacek, L. H. (9)	1334 First National Soo Line Bldg., Minneapolis, Minn.
Severson, Henry (8)	515 Boyle Bldg., Little Rock, Ark.
Shapiro, Leo (12)	155 Montgomery St., Rm. 1103, San Francisco, Calif.
Sibley, W. L. (11)	P. O. Box 1584, Waco, Texas.
Sims, M. H. (4)	P. O. Box 1058, Pittsburgh, Pa.
Smith, E. T. (4)	Box 463, Columbus, Ohio.
Smith, Geo. F. (3)	P. O. Box 981, Harrisburg, Pa.
Smith, Geo. H. (Rec.)	Care of Union National Bk., Connellsville, Pa.
Snyder, Vernon G. (3)	P. O. Box 251, Sunbury, Pa.
Spendrup, Max V. (12)	638 H. W. Hellman Bldg., Los Angeles, Calif.
Stevens, L. T. (9)	4929 Pleasant Ave., South, Minneapolis, Minn.
Stewart, Adelia M.	Rm. 217, Treas. Dept., Office of Comptroller of the Currency, Washington, D. C.
Stewart, Charles A. (5)	P. O. Box 97, East Falls Church, Va.
Stewart, H. E. (2)	525 Fed. Res. Bk. Bldg., New York, N. Y.
Steyer, F. R. (2)	525 Federal Res. Bk. Bldg., New York, N. Y.
Stobie, Charles A. (12)	P. O. Box 313, Honolulu, T. H.
Stokes, H. F. (5)	501 Charleston Nat'l Bk. Bldg., Charleston, W. Va.
Strenz, C. F. (2)	525 Federal Res. Bk. Bldg., New York, N. Y.
Stuart, Robt. K. (7)	906 Michigan Ave., Evanston, Ill.
Swensen, Loren T. (3)	1500 Walnut St. Rm. 1503, Philadelphia, Pa.
Taylor, O. C. (12)	155 Montgomery St., Room 1103, San Francisco, Calif.
Taylor, Wm. M. (5)	Nat'l Metropolitan Bk. Bldg., Washington, D. C.
Tolton, A. F. (12)	1107 A Mattel Bldg., Fresno, Calif.
Thurman, L. B. (7)	164 W. Jackson Blvd., Room 1209, Chicago, Ill.
Underwood, C. E. (4)	Gen'l Del., Somerset, Pa.
Utt, J. F. (7)	164 W. Jackson Blvd., Room 1209, Chicago, Ill.
Van Brunt, L. J. (9)	1716 St. Anthony Ave., St. Paul, Minn.
Von Birgelen, F. M. (9)	1334 First National Soo Line Bldg., Minneapolis, Minn.
Waldron, W. J. (12)	1548 West Washington St., Santa Ana, Calif.
Walker, Harry W. (7)	Hotel Witter, Wisconsin Rapids, Wis.
Walker, Hugh M. (4)	P. O. Box 621, Cincinnati, Ohio.
Ward, M. M. (7)	164 W. Jackson Blvd., Room 1209, Chicago, Ill.
Watts, John L. (2)	525 Fed. Res. Bk. Bldg., New York, N. Y.
Wilde, Max C. (12)	514 P. O. Bldg., Portland, Ore.
Wilde, Otto F. (5)	Nat'l Metropolitan Bk. Bldg., Washington, D. C.
Williams, E. L. (10)	Box 296, Salina, Kan.
Wilson, E. B. (2)	Box 607, Albany, N. Y.
Wilson, G. R. (7)	326 Central N. Bk. Bldg., Peoria, Ill.
Wilson, Verne J. (4)	715 Federal Reserve Bk. Bldg., Cleveland, O.
Witt, G. T. (11)	504 Greenville Exchange National Bank, Greenville, Texas.
Wood, D. R. (5)	Pulaski National Bank Bldg., Pulaski, Va.
Woodside, Hal (8)	1248 Washington Ave., Springfield, Mo.
Wray, H. L. (9)	Box 471, Fargo, N. Dak.
Wright, E. M. (12)	120 Walker Bk. Bldg., Salt Lake City, Utah.
Young, Wm. R. (8)	407 First National Bk. Bldg., Memphis, Tenn.

VALUES OF FOREIGN COINS

TREASURY DEPARTMENT, OFFICE OF THE SECRETARY.
Washington, D. C., January 1, 1932

Pursuant to Section 522, Title IV, of the Tariff Act of 1930, reenacting Section 25 of the Act of August 27, 1894, as amended, the following estimates by the Director of the Mint of the values of foreign monetary units are hereby proclaimed to be the values of such units in terms of the money of account of the United States that are to be followed in estimating the value of all foreign merchandise exported to the United States during the quarter beginning January 1, 1932, expressed in any such foreign monetary units: *Provided, however,* That if no such value has been proclaimed, or if the value so proclaimed varies by five percentum or more from a value measured by the buying rate in the New York market at noon on the day of exportation, conversion shall be made at a value measured by such buying rate, as determined and certified by the Federal Reserve Bank of New York and published by the Secretary of the Treasury pursuant to the provisions of Section 522, Title IV, of the Tariff Act of 1930.

A. W. Mellon, *Secretary of the Treasury.*

Value of Foreign Coins

COUNTRY.	LEGAL STANDARD.	MONETARY UNIT.	Value in Terms of U. S. Money.	REMARKS.
Argentine Republic.....	Gold	Peso	\$0.9648	Currency: Paper normally convertible at 44 % of face value.
Austria	Gold	Schilling	.1407	
Belgium	Gold	Belga	.1390	1 belga equals 5 Belgian paper francs.
Bolivia.....	Gold	Boliviano	.8650	13½ bolivianos equal 1 pound sterling.
Brazil.....	Gold	Milreis	.5462	Currency: Government paper convertible at 4.567 paper milreis to the gold milreis (\$0.1196), by decree of May 23, 1928.
British Colonies in Australasia and Africa.	Gold	Pound sterling	4.8665	
British Honduras.....	Gold	Dollar	1.0000	
Bulgaria	Gold	Lev	.0072	
Canada.....	Gold	Dollar	1.0000	
Chile.....	Gold	Peso	.1217	
China	Silver (Stated values are estimated market values in gold, of silver content of units.)	Haikwan	.3732	A unit of account, used only for customs purposes. China's import duties are levied on a gold basis, the gold unit being defined as 60.1866 centigrams pure gold (equal 40 cents U.S.). China's export duties remain on a silver basis. The Yuan silver dollar of 100 cents is the monetary unit minted by the Central Government of the republic. Old Mexican dollars only, issued prior to 1918.
		Amoy	.3668	
		Canton	.3657	
		Chefoo	.3503	
		Chin Kiang	.3583	
		Foochow	.3393	
		Hankow	.3432	
		Kiaochow	.3554	
		Nanking	.3630	
		Newchwang	.3440	
		Ningpo	.3527	
		Peiping	.3576	
		Shanghai	.3350	
		Swatow	.3388	
		Takow	.3691	
		Tientsin	.3554	
		Yuan	.2377	
		Hongkong	.2412	
		British	.2412	
		Mexican	.2430	
Columbia.....	Gold	Peso	.9733	Currency: Government paper and silver.
Costa Rica.....	Gold	Colon	.4653	Law establishing conversion office fixes ratio 4 colons (nongold) = \$1 U. S.
Cuba.....	Gold	Peso	1.0000	
Czechoslovakia.....	Gold	Krone	.0296	
Denmark.....	Gold	Krone	.2680	
Dominican Republic	Gold	Dollar	1.0000	U. S. money is principal circulating medium.
Ecuador.....	Gold	Sucre	.2000	
Egypt	Gold	Pound (100 piasters)	4.9431	
Estonia.....	Gold	Kroon	.2680	
Finland.....	Gold	Markka	.0252	
France.....	Gold	Franc	.0392	
Germany.....	Gold	Reichsmark	.2382	
Great Britain.....	Gold	Pound sterling	4.8665	Obligation to sell gold at legal monetary-par suspended, effective Sept. 21, 1931.
Greece.....	Gold	Drachma	.0130	
Gautemala.....	Gold	Quetzal	1.0000	
Haiti.....	Gold	Gourde	.2000	Currency: National bank notes redeemable on demand in American dollars.
Honduras.....	Gold	Lempira	.5000	
Hungary.....	Gold	Pengo	.1749	
India [British].....	Gold	Rupce	.3650	
Indo-China.....	Gold	Piaster	.3918	
Italy.....	Gold	Lira	.0526	
Japan.....	Gold	Yen	.4985	
Latvia.....	Gold	Lat	.1930	
Liberia.....	Gold	Dollar	1.0000	Currency: Depreciated silver token coins.
Lithuania.....	Gold	Litas	.1000	Currency: Notes of the bank of Lithuania.
Mexico.....	Gold	Peso	.4985	By law of July 25, 1931, gold has no legal tender status but it may be held as monetary reserve for use in foreign exchange operations.
Netherlands.....	Gold	Guilder (florin)	.4020	
Newfoundland.....	Gold	Dollar	1.0000	
Nicaragua.....	Gold	Cordoba	1.0000	
Norway.....	Gold	Krone	.2680	
Panama.....	Gold	Balboa	1.0000	
Paraguay.....	Gold	Peso (Argentine)	.9648	Currency: Depreciated Paraguayan paper currency.
Persia.....	Gold	Reyal	.2433	Gold standard established by law of March 18, 1930. Old kran system still operating; foreign exchange controlled; kran=about 4.1 U. S. cents. Established by law of April 18, 1931.
Peru.....	Gold	Sol	.2800	
Phillippine Islands.....	Gold	Peso	.5000	
Poland.....	Gold	Zloty	.1122	
Portugal.....	Gold	Escudo	.0442	By decree of June 6, 1931, effective July 1, 1931.
Rumania.....	Gold	Leu	.0060	
Russia.....	Gold	Ruble	.5146	Pre-war unit. (One Soviet chervonetz=10 gold rubles.)
Salvador.....	Gold	Colon	.5000	
Siam.....	Gold	Baht (Tical)	.4424	
Spain.....	Gold	Peseta	.1930	Valuation is for gold peseta; currency is notes of the Bank of Spain.
Straits Settlements.....	Gold	Dollar	.5678	
Sweden.....	Gold	Krona	.2680	
Switzerland.....	Gold	Franc	.1930	
Turkey.....	Gold	Piaster	.0440	(100 piasters equal to the Turkish £.)
Uruguay.....	Gold	Peso	1.0342	Currency: Inconvertible paper.
Venezuela.....	Gold	Bolivar	.1930	
Yugoslavia.....	Gold	Dinar	.0176	By law of May 11, 1931, effective June 28, 1931.

TABLE OF CARDINAL NUMBERS AND COMMERCIAL TERMS IN TEN LANGUAGES

	ENGLISH.	FRENCH.	GERMAN.	SPANISH.	ITALIAN.	PORTUGUESE.	DUTCH.	RUSSIAN.	DANISH.	SWEDISH.
1	One	Un	Ein	Uno	Uno	Um	Een	Odin	En	En
2	Two	Deux	Zwei	Dos	Due	Dois	Twée	Dva	To	Två
3	Three	Trois	Drei	Tres	Tre	Tres	Drie	Tri	Tre	Tre
4	Four	Quatre	Vier	Cuatro	Quattro	Quatro	Vier	Chetire	Fire	Fyra
5	Five	Cinq	Fünf	Cinco	Cinque	Cinco	Vijf	Pyat	Fem	Fem
6	Six	Six	Sechs	Seis	Sei	Seis	Zes	Shest	Sex	Sex
7	Seven	Sept	Sieben	Siete	Sette	Sete	Zeven	Sem	Syv	Sju
8	Eight	Huit	Acht	Ocho	Otto	Oito	Acht	Vosem	Otte	Ätta
9	Nine	Neuf	Neun	Nueve	Nove	Nove	Negen	Devyat	Ni	Nio
10	Ten	Dix	Zehn	Diez	Dieci	Dez	Tien	Desyat	Ti	Tio
11	Eleven	Onze	Elf	Once	Undici	Onze	Elf	Odinnadsat	Elleve	Elfva
12	Twelve	Douze	Zwölf	Doce	Dodici	Doze	Twaalf	Dvynadsat	Tolv	Tolf
13	Thirteen	Treize	Dreizehn	Trece	Tredici	Treze	Dertien	Tridnadsat	Tretten	Tretton
14	Fourteen	Quatorze	Vierzehn	Catorce	Quattordici	Quatorze	Veertien	Chetirnadsat	Fjorten	Fjorton
15	Fifteen	Quinze	Fünfzehn	Quince	Quindici	Quinze	Vijftien	Pyatnadsat	Femten	Femton
16	Sixteen	Seize	Sechzehn	Diez y seis	Sedici	Dezeseis	Zestien	Shestnadsat	Sexten	Sexton
17	Seventeen	Dix-sept	Siebzehn	Diez y siete	Diciassette	Dezesete	Zeventien	Semnadsat	Sydden	Sjutton
18	Eighteen	Dix-huit	Achtzehn	Diez y ocho	Diciotto	Dezoito	Achtien	Vosemnadsat	Atten	Aderton
19	Nineteen	Dix-neuf	Neunzehn	Diez y nueve	Diciannove	Dezenove	Negentien	Devyatnadsat	Nitten	Nitton
20	Twenty	Vingt	Zwanzig	Veinte	Venti	Vinti	Twintig	Dvadsat	Tyve	Tjugu
21	Twenty-one	Vingt-et-un	Ein und zwanzig	Veinte y uno	Venti'uno	Vinte um	Enen Twintig	Dvadsat-odin	En og Tyve	Tjuguen
30	Thirty	Trente	Dreissig	Treinta	Trenta	Trinta	Dertig	Tridtsat	Tredive	Trettio
40	Forty	Quarante	Vierzig	Cuarenta	Quaranta	Quarenta	Veertig	Sorok	Fyrretyve	Fyrtio
50	Fifty	Cinquante	Fünfzig	Cincuenta	Cinquanta	Cincoenta	Vijftig	Pyatdesyat	Halvtredsinds-tyve	Femtio
60	Sixty	Soixante	Sechzig	Sesenta	Sessanta	Sessenta	Zestig	Shestdesyat	Tredsindstyve	Sextio
70	Seventy	Soixante-dix	Siebenzig	Setenta	Settanta	Setenta	Zeventig	Semdesyat	Halvfjerdsinds-tyve	Sjuttio
80	Eighty	Quatre-vingt	Achtzig	Ochenta	Ottanta	Oitenta	Tachtig	Vosemdesyat	Firsindstyve	Ättio
90	Ninety	Quatre-vingt-dix	Neunzig	Noventa	Novanta	Noventa	Negentig	Devyanosto	Halvfemsindstyve	Nittio
100	Hundred	Cent	Hundert	Cien	Cento	Cem	Honderd	Sto	Hundrede	Hundra
1000	Thousand	Mille	Tausend	Mil	Mille	Mil	Duizend	Tisyacha	Tusinde	Tusen
	Day	Jour	Tag	Día	Giorno	Dia	Dag	Den	Dag	Dag
	Week	Semaine	Woche	Semana	Settimana	Semana	Week	Nedelya	Uger	Vecka
	Month	Mois	Monat	Mes	Mese	Mez	Maand	Mesyats	Maaned	Månad
	Year	Année	Jahr	Año	Anno	Anno	Jaar	God	Aar	År
	On demand	À présentation	Nach Sicht, or bei Vorzeigung	A presentación	A presentazione	A apresentação	Op vertoon	Po trebovaniyu	Paa anfordring	På anfordring
	At sight	À vue	Auf Sicht	A la vista	A vista	A vista	Op zicht	Po predyavlenii	Ved sigt	Vid sigt
	After sight	À jours de vue	Nach Sicht	A. días vista	Dopo vista	A. dias vista	Dagen na zigt	Poslepredyavlenii	Efter sigt	Efter sigt
	After date	À jours de date	Nach Dato, or nach Heute	A. días fecha	Dopo dato	A. dias data	Dagen na dato	Dato	Efter dato	Från dato
	Pay to the order	Payez à l'ordre	Für mich, or uns an anweisung	A la orden	Pagate al l'ordine	Pagase a ordem	Voor my aan de Order	Plat it order	Behag at betale til ordre	Behagar att betala till ordre
	I promise to pay	Je payerai	Werde ich, or werden wir bezahlen	Pagaré	Paghero	Pagarei	Ik neem aan te betalen	Ia obyeschaju	Jeg forpligter mig at betale	Jag förpligter mig att betala
	With interest	Avec interets	Mit Zinsen	Con interés	Con interesse	Com interesse	Met interest	S protsentami	Med rente	Med ränta

1932

JANUARY

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24	25	26	27	28	29	30
31						

FEBRUARY

S	M	T	W	T	F	S
	32	33	34	35	36	37
	1	2	3	4	5	6
38	39	40	41	42	43	44
7	8	9	10	11	12	13
45	46	47	48	49	50	51
14	15	16	17	18	19	20
52	53	54	55	56	57	58
21	22	23	24	25	26	27
59	60					
28	29					

MARCH

S	M	T	W	T	F	S
		61	62	63	64	65
		1	2	3	4	5
66	67	68	69	70	71	72
6	7	8	9	10	11	12
73	74	75	76	77	78	79
13	14	15	16	17	18	19
80	81	82	83	84	85	86
20	21	22	23	24	25	26
87	88	89	90	91		
27	28	29	30	31		

APRIL

S	M	T	W	T	F	S
					92	93
					1	2
94	95	96	97	98	99	100
3	4	5	6	7	8	9
101	102	103	104	105	106	107
10	11	12	13	14	15	16
108	109	110	111	112	113	114
17	18	19	20	21	22	23
115	116	117	118	119	120	121
24	25	26	27	28	29	30

MAY

S	M	T	W	T	F	S
122	123	124	125	126	127	128
1	2	3	4	5	6	7
129	130	131	132	133	134	135
8	9	10	11	12	13	14
136	137	138	139	140	141	142
15	16	17	18	19	20	21
143	144	145	146	147	148	149
22	23	24	25	26	27	28
150	151	152				
29	30	31				

JUNE

S	M	T	W	T	F	S
			153	154	155	156
			1	2	3	4
157	158	159	160	161	162	163
5	6	7	8	9	10	11
164	165	166	167	168	169	170
12	13	14	15	16	17	18
171	172	173	174	175	176	177
19	20	21	22	23	24	25
178	179	180	181	182		
26	27	28	29	30		

JULY

S	M	T	W	T	F	S
					183	184
					1	2
185	186	187	188	189	190	191
3	4	5	6	7	8	9
192	193	194	195	196	197	198
10	11	12	13	14	15	16
199	200	201	202	203	204	205
17	18	19	20	21	22	23
206	207	208	209	210	211	212
24	25	26	27	28	29	30
213						
31						

AUGUST

S	M	T	W	T	F	S
	214	215	216	217	218	219
	1	2	3	4	5	6
220	221	222	223	224	225	226
7	8	9	10	11	12	13
227	228	229	230	231	232	233
14	15	16	17	18	19	20
234	235	236	237	238	239	240
21	22	23	24	25	26	27
241	242	243	244			
28	29	30	31			

SEPTEMBER

S	M	T	W	T	F	S
				245	246	247
				1	2	3
248	249	250	251	252	253	254
4	5	6	7	8	9	10
255	256	257	258	259	260	261
11	12	13	14	15	16	17
262	263	264	265	266	267	268
18	19	20	21	22	23	24
269	270	271	272	273	274	
25	26	27	28	29	30	

OCTOBER

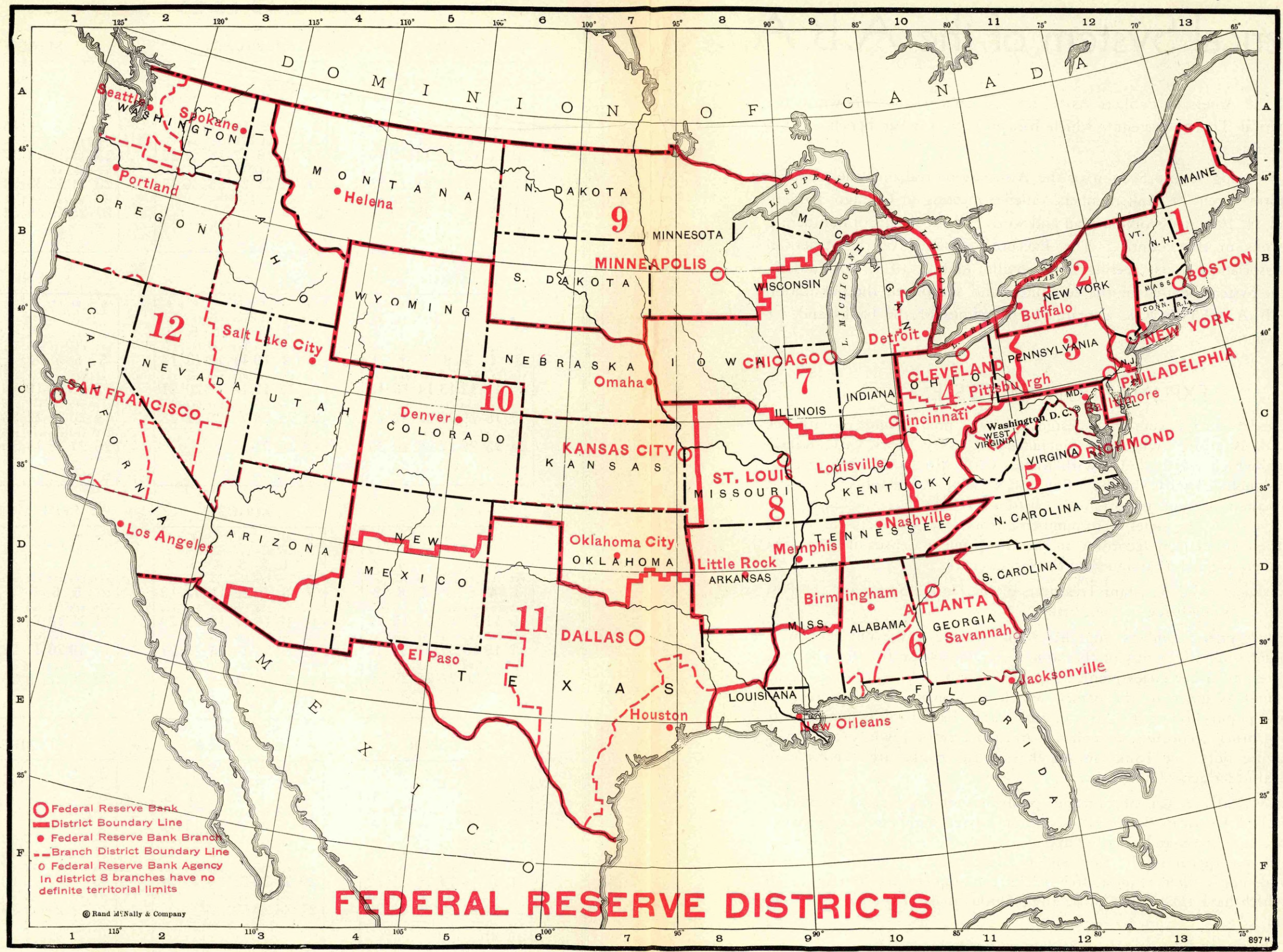
S	M	T	W	T	F	S
						275
						1
276	277	278	279	280	281	282
2	3	4	5	6	7	8
283	284	285	286	287	288	289
9	10	11	12	13	14	15
290	291	292	293	294	295	296
16	17	18	19	20	21	22
297	298	299	300	301	302	303
23	24	25	26	27	28	29
304	305					
30	31					

NOVEMBER

S	M	T	W	T	F	S
		306	307	308	309	310
		1	2	3	4	5
311	312	313	314	315	316	317
6	7	8	9	10	11	12
318	319	320	321	322	323	324
13	14	15	16	17	18	19
325	326	327	328	329	330	331
20	21	22	23	24	25	26
332	333	334	335			
27	28	29	30			

DECEMBER

S	M	T	W	T	F	S
				336	337	338
				1	2	3
339	340	341	342	343	344	345
4	5	6	7	8	9	10
346	347	348	349	350	351	352
11	12	13	14	15	16	17
353	354	355	356	357	358	359
18	19	20	21	22	23	24
360	361	362	363	364	365	366
25	26	27	28	29	30	31



Numerical System of the A. B. A.

IN 1911 the American Bankers Association adopted what is known as the "Numerical Transit System," which has proved of great benefit to the banking world.

The Clearing House Section of the Association, realizing the necessity for a uniform system of bank numbers, called a meeting in Chicago, December 12 and 13, 1910, to evolve a plan and work out the details of numbering all the banks in the country. The Executive Council of the American Bankers Association at its meeting in Nashville, May 2, 1911, unanimously adopted the System devised by the committee and authorized the publication of the A. B. A. KEY BOOK containing the names of the banks and the numbers assigned.

EXPLANATION OF SYSTEM

The reserve cities were each designated by a prefix number, with the exception of Brooklyn, which was included with New York City, Kansas City, Kan., which was included with Kansas City, Mo., and South Omaha, which was included with Omaha. Buffalo, N. Y., and Memphis, Tenn., on account of their size and importance as banking centers were included with the reserve cities. The cities were numbered from 1 to 49, inclusive, in the order of their population according to the Government Census of 1910. The lower numbers were thus assigned to the larger cities.

The Treasurer and Assistant Treasurers of the United States and the Post Offices were also numbered in these cities.

The state prefix numbers, together with clearing house numbers, were used in numbering the banks in the largest city in each state other than the reserve cities, all other cities being designated by the use of the state prefix and the numbers given to the banks, which are continued in the relative order of the population of the cities in each state. Each bank is numbered in consecutive order according to seniority in each city or town, excepting in towns having only one bank, in which case the banks are numbered in alphabetical order according to towns.

Rand McNally & Co. of Chicago, publishers of the Key to Numerical System of The American Bankers Association, assign numbers to new banks as they are organized and supply, upon request, the number of any bank which does not appear in the Key, and in March and September each year publish and supply upon request, free of charge, supplements containing all changes which have taken place since any previous issue of the Key or of any supplement.

The Thirteenth Edition was published in September, 1931.

Reserves Required to be held by members in Federal Reserve Bank		
Banks Not in Reserve or Central Reserve City	Reserve City Banks	Central Reserve City Banks
7% of Net Demand Deposits 3% of Time Deposits	10% of Net Demand Deposits 3% of Time Deposits	13% of Net Demand Deposits 3% of Time Deposits

Central Reserve Cities

2. NEW YORK CITY* . . . 7. CHICAGO**

Reserve Cities***

- | | |
|--------------------------|-----------------------------|
| 6. Atlanta, Ga. | 9. Minneapolis, Minn. |
| Br.5. Baltimore, Md. | Br.6. Nashville, Tenn. |
| Br.6. Birmingham, Ala. | Br.6. New Orleans, La. |
| 1. Boston, Mass. | Oakland, Cal. |
| Br.2. Buffalo, N. Y. | Ogden, Utah |
| Cedar Rapids, Iowa | Br.10. Oklahoma City, Okla. |
| Br.5. Charlotte, N. C. | Br.10. Omaha, Neb. |
| Br.4. Cincinnati, O. | Peoria, Ill. |
| 4. Cleveland, O. | 3. Philadelphia, Pa. |
| Columbus, O. | Br.4. Pittsburgh, Pa. |
| 11. Dallas, Texas | Br.12. Portland, Ore. |
| Br.10. Denver, Colo. | Pueblo, Colo. |
| Des Moines, Iowa | 5. Richmond, Va. |
| Br.7. Detroit, Mich. | St. Joseph, Mo. |
| Dubuque, Iowa | 8. St. Louis, Mo. |
| Br.11. El Paso, Texas | St. Paul, Minn. |
| Fort Worth, Texas | Br.12. Salt Lake City, Utah |
| Galveston, Texas | Br.11. San Antonio, Texas |
| Grand Rapids, Mich. | 12. San Francisco, Cal. |
| Br.9. Helena, Mont. | Ag'y 6. Savannah, Ga. |
| Br.11. Houston, Texas | Br.12. Seattle, Wash. |
| Indianapolis, Ind. | Sioux City, Iowa |
| Br.6. Jacksonville, Fla. | Br.12. Spokane, Wash. |
| Kansas City, Kan. | Toledo, Ohio |
| 10. Kansas City, Mo. | Topeka, Kan. |
| Lincoln, Neb. | Tulsa, Okla. |
| Br.8. Little Rock, Ark. | Waco, Texas |
| Br.12. Los Angeles, Cal. | Washington, D. C. |
| Br.8. Louisville, Ky. | Wichita, Kan. |
| Br.8. Memphis, Tenn. | |
| Milwaukee, Wis. | |

Those cities which are preceded by a number are Federal Reserve Bank cities and the number in each instance is the District number in which the city is located. Br. signifies that a branch bank is located in that city. Ag'y signifies that an agency is located in that city.

*New York—Member banks in the Borough of Manhattan, or located in other boroughs and having branches in Manhattan, are subject to the full reserve. Member banks located in the Boroughs of Brooklyn and the Bronx, or located in the Boroughs of Richmond and Queens and having branches in the Boroughs of Brooklyn or the Bronx, are subject to the reserve requirements of a reserve city (10% of demand and 3% of time).

**Member banks located in the Boroughs of Richmond and Queens are subject to a reserve of 7% against demand and 3% against time.

FEDERAL RESERVE BOARD

WASHINGTON, D. C.

Ex-officio Members

A. W. MELLON,
Secretary of the Treasury, Chairman.

J. W. POLE,
Comptroller of the Currency.

EUGENE MEYER, *Governor*

CHARLES S. HAMLIN

ADOLPH C. MILLER

GEORGE R. JAMES

WAYLAND W. MAGEE

FLOYD R. HARRISON,
Assistant to the Governor

CHESTER MORRILL, *Secretary*

E. M. McCLELLAND,
Assistant Secretary.

J. C. NOELL, *Assistant Secretary.*

W. M. IMLAY, *Fiscal Agent.*

LEO H. PAULGER, *Chief, Division of Examinations.*

WALTER WYATT, *General Counsel.*

E. A. GOLDENWEISER, *Director, Division of Research and Statistics.*

CARL E. PARRY, *Assistant Director, Division of Research and Statistics.*

E. L. SMEAD, *Chief, Division of Bank Operations.*

FEDERAL ADVISORY COUNCIL—(1932)

THOMAS M. STEELE, *Boston, District No. 1*

ROBERT H. TREMAN,
New York, District No. 2

HOWARD A. LOEB,
Philadelphia, District No. 3

J. A. HOUSE, *Cleveland, District No. 4*

HOWARD BRUCE, *Richmond, District No. 5*

JOHN K. OTTLEY, *Atlanta, District No. 6*

MELVIN A. TRAYLOR, *Vice-President, Chicago, District No. 7*

W. W. SMITH, *President, St. Louis, District No. 8*

THEODORE WOLD,
Minneapolis, District No. 9

W. S. McLUCAS, *Kansas City, District No. 10*

J. H. FROST, *Dallas, District No. 11*

HENRY M. ROBINSON,
San Francisco, District No. 12

WALTER LICHTENSTEIN, *Secretary*

FEDERAL RESERVE BANK INFORMATION

DISTRICT No. 1—Bank Located at Boston (Transit Number 5-1)

30 Pearl St.

TERRITORY IN DISTRICT—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut; except Fairfield County. **Membership:** National Banks 343; State Banks 31. **Total** 374.

DIRECTORS

CLASS A:—ALFRED L. RIPLEY (1932), Boston; F. S. CHAMBERLAIN (1934), New Britain, Conn.; EDWARD S. KENNARD (1933), Rumford, Maine.

CLASS B:—PHILIP R. ALLEN (1932), East Walpole, Mass.; EDWARD S. FRENCH (1934), Springfield, Vermont; A. FARWELL BEMIS (1933), Boston, Mass.

CLASS C:—FREDERIC H. CURTISS (1932), Boston, *Chairman of Board and Federal Reserve Agent*; ALLEN HOLLIS (1933), Concord, N. H., *Deputy Chairman*; C. H. MERRIMAN (1934) Providence.

OFFICERS

ROY A. YOUNG, *Governor*; WILLIAM W. PADDOCK, *Deputy Governor*; WILLIAM WILLETT, *Cashier*; KRICKEL K. CARRICK, *Secretary*; FREDERIC H. CURTISS, *Federal Reserve Agent*; CHARLES F. GETTEMY, *Assistant Federal Reserve Agent*.

ASSISTANT CASHIERS:—ELLIS G. HULT, ERNEST M. LEAVITT, CARL B. PITMAN, and L. WALLACE SWEETSER. **HARRY F. CURRIER, Auditor.** **PHILLIPS KETCHUM, Boston, Mass., General Counsel.**

(Statement of December 30, 1931)

LIABILITIES	RESOURCES
F. R. notes in actual circulation.....\$195,257,000	Gold with Federal Reserve Agent.....\$137,627,000
Deposits:	Gold redemption fund with U. S. Treasury.....4,744,000
Member bank—reserve account.....152,188,000	Gold held exclusively against F. R. notes.....\$142,371,000
Government.....1,159,000	Gold settlement fund with F. R. Board.....42,198,000
Foreign bank.....6,625,000	Gold and gold certificates held by bank.....20,967,000
Other deposits.....277,000	Total gold reserve.....\$205,536,000
Total deposits.....\$160,249,000	Reserves other than gold.....17,364,000
Deferred availability items.....58,313,000	Total reserves.....\$222,900,000
Capital paid in.....11,749,000	Non-reserve cash.....8,817,000
Surplus.....21,299,000	Bills discounted:
All other liabilities.....1,104,000	Sec. by U. S. Government obligations.....37,818,000
Total miscellaneous liabilities.....\$ 92,465,000	Other bills discounted.....18,915,000
TOTAL LIABILITIES.....\$447,971,000	Total bills discounted.....\$ 56,733,000
	Bills bought in open market.....\$30,901,000
	U. S. Government securities:
	Bonds.....27,990,000
	Treasury notes.....1,958,000
	Certificates and Bills.....31,104,000
	Total U. S. Government securities.....\$61,052,000
	Other Securities.....2,130
	Total bills and securities.....\$150,816,000
	Due from foreign banks.....693,000
	F. R. notes of other F. R. banks.....236,000
	Uncollected items.....58,164,000
	Bank premises.....3,458,000
	All other resources.....2,887,000
	Total miscellaneous resources.....\$65,438,000
	TOTAL RESOURCES.....\$447,971,000

FEDERAL RESERVE BANK INFORMATION

DISTRICT No. 2—Bank Located at New York City. (Transit Number 1-120) (33 Liberty Street)

TERRITORY IN DISTRICT—The State of New York and the following counties in New Jersey: Bergen, Essex, Hudson, Hunterdon, Middlesex, Monmouth, Morris, Passaic, Somerset, Sussex, Union, and Warren and the County of Fairfield, Connecticut. Membership: National Banks 723; State Banks 37; Trust Companies 112. Total 872, as of January 22, 1932. Non-members 519, including Savings Banks. Total number of banks in District No. 2, 1,391.

DIRECTORS

Class	Group	Term Expires Dec. 31	Class	Group	Term Expires Dec. 31
A	1	ALBERT H. WIGGIN, New York City Chairman, Governing Board, The Chase National Bank of the City of New York	B	2	THEODORE F. WHITMARSH, New York City Chairman, Francis H. Leggett & Co.
A	2	THOMAS W. STEPHENS, Montclair, N. J. President, Bank of Montclair	B	3	SAMUEL W. REYBURN, New York City President, Associated Dry Goods Cor- poration of New York
A	3	DAVID C. WARNER, Endicott, N. Y. President, Endicott Trust Company, Endicott, N. Y.	C		J. HERBERT CASE, New York City, Chairman OWEN D. YOUNG, New York City Deputy Chairman
B	1	WILLIAM H. WOODIN, New York City President, American Car & Foundry Company	C		CLARENCE M. WOOLLEY, Greenwich, Conn. Chairman, American Radiator and Standard Sanitary Corporation

MEMBER FEDERAL ADVISORY COUNCIL

ROBERT H. TREMAN, *President The Tompkins County National Bank, Ithaca, N. Y.*

OFFICERS

W. RANDOLPH BURGESS, <i>Deputy Governor</i>	GEORGE L. HARRISON, <i>Governor</i>
JAY E. CRANE, <i>Deputy Governor</i>	EDWIN R. KENZEL, <i>Deputy Governor</i>
ARTHUR W. GILBERT, <i>Deputy Governor</i>	WALTER S. LOGAN, <i>Deputy Governor and General Counsel</i>
	LESLIE R. ROUNDS, <i>Deputy Governor</i>
	LOUIS F. SAILER, <i>Deputy Governor</i>
CHARLES H. COE, <i>Assistant Deputy Governor</i>	L. WERNER KNOKE, <i>Assistant Deputy Governor</i>
RAY M. GIDNEY, <i>Assistant Deputy Governor</i>	WALTER B. MATTESON, <i>Assistant Deputy Governor</i>
J. WILSON JONES, <i>Assistant Deputy Governor</i>	JAMES M. RICE, <i>Assistant Deputy Governor</i>
	ALLAN SPROUL, <i>Assistant Deputy Governor and Secretary</i>
DUDLEY H. BARROWS, <i>Manager, Administration Department</i>	ROBERT F. McMURRAY, <i>Manager, Collection Department</i>
WESLEY W. BURT, <i>Manager, Accounting Department</i>	JACQUES A. MITCHELL, <i>Manager, Loan and Discount Dept.</i>
THEODORE M. CRISP, <i>Assistant Counsel</i>	ROBERT M. MORGAN, <i>Manager, Bill Department</i>
EDWARD O. DOUGLAS, <i>Manager, Foreign Department</i>	WILLIAM A. SCOTT, <i>Manager, Government Bond and Safe- keeping Department</i>
EDWIN C. FRENCH, <i>Manager, Cash Department</i>	I. WARD WATERS, <i>Manager, Check Department</i>
HERBERT H. KIMBALL, <i>Assistant Counsel</i>	

OFFICERS OF FEDERAL RESERVE AGENT'S FUNCTION

J. HERBERT CASE, <i>Federal Reserve Agent</i>	HAROLD V. ROELSE, <i>Manager, Reports Department, and Assistant Secretary</i>
WILLIAM H. DILLISTIN, <i>Assistant Federal Reserve Agent</i>	CARL SNYDER, <i>General Statistician</i>
HERBERT S. DOWNS, <i>Assistant Federal Reserve Agent and Manager, Bank Relations Department</i>	

EDWARD L. DODGE, *General Auditor*
GEORGE W. FERGUSON, *Assistant General Auditor*

BUFFALO BRANCH

DIRECTORS

Term Expires Dec. 31	Term Expires Dec. 31
FREDERICK B. COOLEY, 1932 President, New York Car Wheel Co., Buffalo	EDWARD G. MINER, 1933 President, Pfaunder Company, Rochester, N. Y.
LEWIS G. HARRIMAN, 1932 President, M & T Trust Company, Buffalo	GEORGE G. KLEINDINST, 1934 President, Liberty Bank of Buffalo
GEORGE F. RAND, 1933 President, Marine Trust Company, Buffalo	RAYMOND N. BALL, 1934 President, Lincoln-Alliance Bank and Trust Company, Rochester, N. Y.

ROBERT M. O'HARA, *Managing Director*

OFFICERS

ROBERT M. O'HARA, <i>Managing Director</i>	HALSEY W. SNOW, JR., <i>Cashier</i>
R. B. WILTSE, <i>Assistant Manager</i>	CLIFFORD L. BLAKESLEE, <i>Assistant Cashier</i>

(Statement of January 20, 1932)

LIABILITIES	RESOURCES
F. R. Notes in actual circulation.....\$ 572,493,000	Gold with Federal Reserve Agent.....\$ 460,239,000
Deposits:	Gold redemption fund with U. S. Treasury.....11,453,000
Member bank—reserve account.....852,276,000	Gold held exclusively against F. R. notes.....471,692,000
Government.....3,128,000	Gold settlement fund with F. R. Board.....184,376,000
Foreign bank.....37,105,000	Gold and gold certificates held by bank.....327,387,000
Other deposits.....10,684,000	Total gold reserves.....\$ 983,455,000
Total deposits.....\$ 903,193,000	Reserves other than gold.....42,967,000
Deferred availability items.....125,631,000	Total reserves.....\$1,026,422,000
Capital paid in.....60,913,000	Non-reserve cash.....22,907,000
Surplus.....75,077,000	Bills discounted:
All other liabilities.....6,946,000	Sec. by U. S. Government obligations.....124,034,000
TOTAL LIABILITIES.....\$1,744,253,000	Other bills discounted.....43,522,000
	Total bills discounted.....\$ 167,556,000
	Bills bought in open market.....56,703,000
	United States Government securities:
	Bonds.....111,467,000
	Treasury notes.....17,720,000
	Certificates and bills.....155,214,000
	Total U. S. Government securities.....\$ 284,401,000
	Other securities.....19,336,000
	Total bills and securities.....\$ 527,996,000
	Due from foreign banks.....3,074,000
	Federal Reserve notes of other banks.....6,493,000
	Uncollected items.....129,202,000
	Bank premises.....14,817,000
	All other resources.....13,342,000
	TOTAL RESOURCES.....\$1,744,253,000

FEDERAL RESERVE BANK INFORMATION

DISTRICT No. 3—Bank Located at Philadelphia. (Transit Number 3-4)

(925 Chestnut Street)

TERRITORY IN DISTRICT—Delaware, the following counties of New Jersey: Atlantic, Burlington, Camden, Cape May, Cumberland, Gloucester, Mercer, Ocean, and Salem, and all Pennsylvania east of western boundary of following counties: McKean, Elk, Clearfield, Cambria, and Bedford. Membership: National Banks 642; State Banks 73. Non-Member Banks 358. Total number of banks in District No. 3, 1073.

DIRECTORS

CLASS A:—JOHN C. COSGROVE (1934), Johnstown, Pa.; JOSEPH WAYNE, JR. (1932), Philadelphia; GEORGE W. REILY (1933), Harrisburg, Pa.

CLASS B:—C. FREDERICK C. STOUT (1934), Philadelphia; ARTHUR W. SEWALL (1932), Philadelphia; J. CARL DE LA COUR (1933), Camden, N. J.

CLASS C:—RICHARD L. AUSTIN (1932), Philadelphia, *Chairman of Board*; HARRY L. CANNON (1934), Bridgeville, Del.; ALBA B. JOHNSON, *Deputy Chairman* (1933), Philadelphia.

OFFICERS

GEO. W. NORRIS, *Governor*; WILLIAM H. HUTT, *Deputy Governor*; C. A. McILHENNY, *Cashier and Secretary*. RICHARD L. AUSTIN, *Chairman and Federal Reserve Agent*; ALBA B. JOHNSON, *Deputy Chairman of the Board*; ARTHUR E. POST, *Assistant Federal Reserve Agent*; ERNEST C. HILL, *Assistant Federal Reserve Agent*.

ASSISTANT CASHIERS:—W. J. DAVIS, JAMES M. TOY, R. M. MILLER, Jr., and S. R. EARL. WM. G. McCREEDY, *Comptroller*; HOWARD A. LOEB, Philadelphia, *Member Federal Advisory Council*; WILLIAMS, BRITAIN and SINCLAIR, *Counsel*.

(Statement of January 6, 1932)

LIABILITIES	RESOURCES
Federal Reserve notes in actual circulation.....\$266,162,415.00	Gold with Federal Reserve Agent.....\$177,500,000.00
Deposits:	Gold redemption fund with U. S. Treasury.....7,190,299.67
Member bank—reserve account.....124,841,943.87	Gold held exclusively against Federal Reserve Notes..184,690,299.67
Government.....1,579,437.39	Gold settlement fund with Federal Reserve Board....14,383,140.02
Foreign bank.....7,608,976.62	Gold and gold certificates held by bank.....26,796,700.00
Other deposits.....638,882.90	Total gold reserves.....\$225,870,139.69
Total Deposits.....\$134,669,240.78	Reserves other than gold.....16,056,404.00
Deferred availability items.....40,731,376.14	Total reserves.....\$241,926,543.69
Capital paid in.....16,599,650.00	Non-Reserve cash.....\$3,515,572.53
Surplus.....26,485,609.23	Bills discounted:
All other liabilities.....746,482.46	Secured by U. S. Gov't Obligations.....50,634,358.00
TOTAL LIABILITIES.....\$485,394,773.61	Other Bills discounted.....63,026,974.15
	Total Bills discounted.....\$113,661,332.15
	Bills bought in open market.....3,927,822.70
	U. S. Government Securities:
	Bonds.....33,250,900.00
	Treasury Notes.....1,796,500.00
	Certificates and Bills.....33,831,500.00
	Total U. S. Gov't Securities.....\$68,878,900.00
	Other Securities.....3,665,834.17
	Total Bills and Securities.....\$190,133,889.02
	Due from Foreign Banks.....903,824.53
	F. R. Notes of other Federal Reserve Banks.....521,500.00
	Uncollected Items.....44,180,756.38
	Bank premises.....2,626,466.80
	All other resources.....1,586,220.66
	TOTAL RESOURCES.....\$485,394,773.61

DISTRICT No. 4—Bank Located at Cleveland. (Transit Number 6-1)

(Federal Reserve Bank Bldg.—East Sixth St. and Superior Ave.)

TERRITORY IN DISTRICT—State of Ohio, all that part of Pennsylvania west of the eastern boundaries of the following counties: Warren, Forest, Jefferson, Indiana, and Somerset, the counties of Marshall, Ohio, Brooke, Tyler, Wetzel, and Hancock in the State of West Virginia, and all that part of the State of Kentucky located east of the western boundary of the following counties: Boone, Grant, Scott, Woodford, Jessamine, Garrard, Lincoln, Pulaski, and McCreary. Membership: National Banks 607; State Banks 75. Total member banks 682. Non-Members 792. Total number of banks in District 4, 1,474.

DIRECTORS

CLASS A:—ROBERT WARDROP (1932), Pittsburgh; CHESS LAMBERTON (1934), Franklin, Pa.; O. N. SAMS (1933), Hillsboro, Ohio.

CLASS B:—R. P. WRIGHT (1934), Erie, Pa.; J. E. Galvin (1933), Lima, Ohio; G. D. CRABBS (1932), Cincinnati, Ohio.

CLASS C:—GEORGE DE CAMP (1932), Cleveland, *Chairman of Board*; L. B. WILLIAMS (1934), Cleveland, Ohio, *Deputy Chairman of Board*; W. W. KNIGHT (1933), Toledo, Ohio.

J. A. HOUSE, Cleveland, Ohio, *Member Federal Advisory Council*.

OFFICERS

GEORGE DE CAMP, *Chairman of Board and Federal Reserve Agent*

WM. H. FLETCHER, *Assistant Federal Reserve Agent and Manager, Department of Examination*

J. B. ANDERSON, *Assistant Federal Reserve Agent and Manager Statistical Department*

F. V. GRAYSON, *Auditor*

E. R. FANCHER, *Governor*

M. J. FLEMING, *Deputy Governor*

F. J. ZURLINDEN, *Deputy Governor*

H. F. STRATER, *Cashier and Secretary*

W. F. TAYLOR, *Asst. Cashier*

C. W. ARNOLD, *Asst. Cashier*

G. H. WAGNER, *Asst. Cashier*

D. B. CLOUSER, *Asst. Cashier*

C. L. BICKFORD, *Asst. Cashier*

CINCINNATI BRANCH. (Transit Number 13-43)

(Fourth and Race)

C. F. McCOMBS, *Managing Director*; B. J. LAZAR, *Cashier*; H. N. OTT, *Assistant Cashier*; BRUCE KENNELLY, *Assistant Cashier*

DIRECTORS

FRED A. GEIER, T. J. DAVIS, JOHN OMWAKE, B. H. KROGER, and C. F. McCOMBS, Cincinnati; E. S. LEE, Covington, Ky.; GEO. M. VERITY, Middletown, O.

FEDERAL RESERVE BANK INFORMATION

(District No. 4. Continued from page 17) PITTSBURGH BRANCH. (Transit Number 8-30)

(Grant Street and Ogle Way)

J. C. NEVIN, *Managing Director*; THOS. C. GRIGGS, *Cashier*; P. A. BROWN, *Assistant Cashier*; F. E. COBUN, *Assistant Cashier*.

DIRECTORS

R. B. MELLON, JOSEPH B. SHEA, A. L. HUMPHREY, A. E. BRAUN, AND J. C. NEVIN, Pittsburgh;
J. R. EISAMAN, Greensburg, Pa.; J. S. JONES, Wheeling, W. Va.

(Statement of December 31, 1931)

LIABILITIES		RESOURCES	
Federal Reserve notes in actual circulation.....	\$320,335,000	Gold with Federal Reserve Agent.....	\$252,470,000
Deposits:		Gold redemption fund with U. S. Treasury.....	7,480,000
Member bank—reserve account.....	147,646,000	Gold held exclusively against F. R. notes.....	259,950,000
Government.....	3,526,000	Gold settlement fund with F. R. Board.....	42,229,000
Foreign bank.....	7,763,000	Gold and gold certificates held by banks.....	22,810,000
Other deposits.....	6,167,000	Total gold reserves.....	324,989,000
Total deposits.....	\$165,102,000	Reserves other than gold.....	13,087,000
Deferred availability items.....	39,425,000	Total reserves.....	\$338,076,000
Capital paid in.....	14,630,000	Non-reserve cash.....	4,859,000
Surplus.....	27,640,000	Bills discounted:	
All other liabilities.....	1,872,000	Secured by U. S. Government obligations.....	48,496,000
		Other bills discounted.....	44,113,000
		Total bills discounted.....	92,609,000
		Bills bought in open market.....	5,561,000
		U. S. Government securities:	
		Bonds.....	31,349,000
		Treasury notes.....	2,320,000
		Certificates and Bills.....	39,582,000
		Total U. S. Government securities.....	73,251,000
		Total Bills and securities.....	\$171,421,000
		Due from foreign banks.....	875,000
		Federal Reserve notes of other banks.....	1,489,000
		Uncollected items.....	41,319,000
		Bank premises.....	7,807,000
		All other resources.....	3,158,000
		TOTAL RESOURCES.....	\$569,004,000
TOTAL LIABILITIES.....	\$569,004,000		

DISTRICT No. 5—Bank Located at Richmond. (Transit Number 68-3)

(9th & Franklin Sts.)

TERRITORY IN DISTRICT—District of Columbia, Maryland, Virginia, North Carolina, South Carolina, and all West Virginia except the counties of Marshall, Ohio, Brooke, Tyler, Wetzell, and Hancock.

Membership: National Banks 371; State Banks 32.

DIRECTORS

CLASS A:—L. E. JOHNSON, (1932), Alderson, W. Va.; CHAS. E. RIEMAN (1933), Baltimore, Md.; JAMES C. BRASWELL (1934), Rocky Mount, N. C.

CLASS B:—D. R. COKER (1932), Hartsville, S. C.; W. MEADE ADDISON (1933), Richmond, Va.; EDWIN C. GRAHAM (1934), Washington, D. C.

CLASS C:—WM. W. HOXTON (1932), Richmond, *Chairman of Board*; FREDERIC A. DELANO (1933), *Deputy Chairman*, Washington, D. C.; ROBERT LASSITER (1934), Charlotte, N. C.

OFFICERS

GEORGE J. SEAY, *Governor*; CHAS. A. PEPLE, *Deputy Governor*; R. H. BROADDUS, *Deputy Governor*; J. S. WALDEN, Jr., *Controller*; GEORGE H. KEESEE, *Cashier*; Wm. W. HOXTON, *Chairman of the Board and Federal Reserve Agent*; J. G. FRY, *Assistant Federal Reserve Agent*; T. F. EPES, *Auditor*; ALBERT S. JOHNSTONE, *Manager, Personnel and Service*; JOHN T. GARRETT, *Manager, Bank Relations Department*; W. W. DILLARD, *Assistant Cashier*; EDWARD WALLER, Jr., *Assistant Cashier*; MAXWELL G. WALLACE, *Counsel*.

HOWARD BRUCE, (1932) Baltimore, Md., *Member Federal Advisory Council*.

BALTIMORE BRANCH. (Transit Number 7-27)

(Lexington and Calvert)

HUGH LEACH, *Managing Director*; JOHN R. CUPIT, *Cashier*; J. A. JOHNSTON, *Assistant Cashier*; F. W. WRIGHTSON, *Assistant Cashier*.

DIRECTORS

HUGH LEACH (1932), Baltimore; M. M. PRENTIS (1933), Baltimore; NORMAN JAMES (1933), Baltimore; W. H. MATTHAI (1934), Baltimore; EDMUND P. COHILL (1932), Hancock; LEVI B. PHILLIPS (1934), Cambridge; L. S. ZIMMERMAN (1932), Baltimore.

CHARLOTTE BRANCH. (Transit Number 66-20)

W. T. CLEMENTS, *Managing Director*; R. L. CHERRY, *Cashier*.

DIRECTORS

W. T. CLEMENTS (1932), Charlotte; W. H. WOOD (1934), Charlotte; C. L. COBB (1932), Rock Hill, S. C.; ROBT. GAGE (1933), Chester, S. C.; JOHN LINDSAY MOREHEAD (1934), Charlotte; C. A. CANNON (1932), Concord, N. C.; JOHN A. LAW (1933), Spartanburg, S. C.

(Statement of February 10, 1932)

LIABILITIES		RESOURCES	
Federal Reserve Notes in Actual Circulation.....	\$105,454,000.00	Gold with Federal Reserve Agent.....	\$ 76,170,000.00
Deposits:		Gold Redemption Fund with U. S. Treasury.....	2,395,000.00
Member Banks—Reserve Accounts.....	51,364,000.00	Gold held exclusively against Federal Reserve Notes.....	78,565,000.00
Government.....	4,197,000.00	Gold Settlement Fund with Federal Reserve Board.....	13,521,000.00
Foreign Banks.....	1,867,000.00	Gold and Gold Certificates held by Bank.....	6,019,000.00
Other Deposits.....	204,000.00	Total Gold Reserves.....	\$ 98,105,000.00
Total Deposits.....	\$ 57,632,000.00	Reserves other than gold.....	9,815,000.00
Deferred availability items.....	25,760,000.00	Total Reserves.....	\$107,920,000.00
Capital paid in.....	5,406,000.00	Non-reserve cash.....	\$ 4,466,000.00
Surplus.....	11,483,000.00	Bills Discounted:	
All Other Liabilities.....	1,014,000.00	Secured by U. S. Government Obligations.....	\$ 7,509,000.00
TOTAL LIABILITIES.....	\$206,749,000.00	Other bills discounted.....	27,692,000.00
		Total Bills Discounted.....	\$ 35,201,000.00
		Bills Bought in Open Market.....	7,916,000.00
		United States Government Securities:	
		Bonds.....	5,731,000.00
		Treasury Notes.....	889,000.00
		Certificates and Bills.....	7,461,000.00
		Total U. S. Government Securities.....	\$ 14,081,000.00
		Other Securities.....	700,000.00
		Total Bills and Securities.....	\$ 57,898,000.00
		Due from Foreign Banks.....	347,000.00
		Federal Reserve Notes of Other Banks.....	1,084,000.00
		Uncollected items.....	26,745,000.00
		Bank Premises.....	3,605,000.00
		All Other Resources.....	4,684,000.00
		TOTAL RESOURCES.....	\$206,749,000.00

FEDERAL RESERVE BANK INFORMATION

DISTRICT No. 6—Bank Located at Atlanta. (Transit Number 64-14)

TERRITORY IN DISTRICT—Alabama, Georgia, Florida, all Tennessee east of the western boundary of the following counties: Stewart, Houston, Humphreys, Perry, and Wayne; all Mississippi south of the northern boundary of the following counties: Issaquena, Sharkey, Yazoo, Madison, Leake, Neshoba, and Kemper; all Louisiana, south of the northern boundaries of the parishes of Vernon, Rapides, and Avoyelles.

Membership: National Banks 305; State Banks 44. Total 349.

Non-Member Banks, 942; Total number of banks in District 6, 1,291.

DIRECTORS

CLASS A:—H. L. YOUNG (1933), Atlanta, Ga.; E. C. MELVIN (1934), Selma, Ala.; G. G. WARE (1932), Leesburg, Fla.

CLASS B:—LEON C. SIMON (1932), New Orleans, La.; J. A. McCRARY (1933), Decatur, Ga.; J. B. HILL (1934), Nashville, Tenn.

CLASS C:—OSCAR NEWTON (1932), Atlanta, Ga., *Chairman*; W. H. KETTIG (1934), Birmingham, Ala., *Deputy Chairman*; G. S. HARRIS (1933), Atlanta, Ga.

OFFICERS

E. R. BLACK, *Governor*; W. S. JOHNS, *Deputy Governor*; H. F. CONNIFF, *Deputy Governor*; W. S. McLARIN, JR., *Assistant Deputy Governor*; M. W. BELL, *Cashier*; R. A. SIMS, V. K. BOWMAN, C. R. CAMP, P. L. T. BEAVERS, S. P. SCHUESSLER, L. M. CLARK, *Assistant Cashiers*; OSCAR NEWTON, *Chairman of the Board and Federal Reserve Agent*; WARD ALBERTSON, *Assistant Federal Reserve Agent and Secretary of the Board of Directors*; E. P. PARIS, *General Auditor*; J. W. HONOUR, *Assistant Auditor*; J. K. OTTLEY, Atlanta, Ga., *Member Federal Advisory Council*; ROBERT S. PARKER, Atlanta, Ga., *General Counsel*.

NEW ORLEANS BRANCH. (Transit Number 14-21)

DIRECTORS

LEON C. SIMON, *Chairman*; MARCUS WALKER, R. S. HECHT, P. H. SAUNDERS, J. D. O'KEEFE, New Orleans; F. W. FOOTE, Hattiesburg, Miss.; A. P. BUSH, Mobile, Ala.

OFFICERS

MARCUS WALKER, *Managing Director*; J. A. WALKER, *Assistant Manager*; W. H. BLACK, *Cashier*; F. C. VASTERLING, *Assistant Cashier*; W. E. MILLER, *Assistant Auditor*.

BIRMINGHAM BRANCH. (Transit Number 61-19)

DIRECTORS

W. H. KETTIG, *Chairman*; ALEX E. WALKER, OSCAR WELLS, W. E. HENLEY, W. W. CRAWFORD, J. H. FRYE, Birmingham, Ala.; E. F. ALLISON, Bellamy, Ala.

OFFICERS

ALEX E. WALKER, *Managing Director*; H. J. URQUHART, *Cashier*; T. N. KNOWLTON, *Assistant Cashier*.

JACKSONVILLE, Fla., BRANCH. (Transit Number 63-19)

DIRECTORS

FULTON SAUSSEY, *Chairman*; HUGH FOSTER, JNO. C. COOPER, EDW. W. LANE, ARTHUR F. PERRY, Jacksonville, Fla.; S. O. CHASE, Sanford, Fla.; G. G. WARE, Leesburg, Fla.

OFFICERS

HUGH FOSTER, *Managing Director*; Geo. S. VARDEMAN, Jr., *Cashier*; MARY E. MAHON, *Ass't Cashier*.

NASHVILLE BRANCH. (Transit Number 87-10)

DIRECTORS

J. B. HILL, JOEL B. FORT, Jr., C. A. CRAIG, PAUL M. DAVIS, Nashville, Tenn.; FRANK J. HARLE, Cleveland, Tenn.; WM. P. RIDLEY, Columbia, Tenn.; C. W. BAILEY, Clarksville, Tenn.

OFFICERS

JOEL B. FORT, Jr., *Managing Director*; E. R. HARRISON, *Cashier*; L. W. STARR, *Assistant Cashier*.

SAVANNAH AGENCY. (Transit Number 38-49)

J. H. BOWDEN, *Manager*; JAS. A. GOETHE, *Assistant Manager*.

HAVANA AGENCY

H. C. FRAZER, *Manager*; A. H. ALSTON, *Assistant Manager*.

(Statement as of December 31, 1931)

LIABILITIES		RESOURCES	
F. R. notes in actual circulation.....	\$120,626,030.00	Gold with Federal Reserve Agent....	\$91,800,000.00
Deposits:		Gold redemption fund	2,724,902.61
Member banks—reserve account.....	\$46,367,559.92	Gold held exclusively against F. R. notes.....	\$94,524,902.61
Government.....	2,047,452.17	Gold settlement fund with F. R. Board	7,416,111.52
Foreign banks.....	2,766,900.59	Gold and gold certificates held by bank	7,619,521.03
Other deposits	171,785.87	Total gold reserves.....	\$109,560,535.16
Total deposits	\$51,353,698.55	Reserves other than gold.....	6,061,492.00
Deferred availability items	\$12,000,176.84	Total reserves	\$115,622,027.16
Capital paid in	5,158,250.00	Non-reserve cash	4,368,121.01
Surplus	10,448,658.03	Bills discounted:	
All other liabilities	2,308,711.23	Sec. by U. S. Government obligations	4,048,941.91
TOTAL LIABILITIES	\$201,895,524.65	Other bills discounted	30,853,041.75
		Total bills discounted	\$34,901,983.66
		Bills bought in open market.....	13,235,152.83
		U. S. Government securities:	
		Bonds.....	6,520,450.00
		Treasury notes.....	380,200.00
		Certificates and Bills.....	7,037,000.00
		Total U. S. Government securities	\$13,937,650.00
		Other Securities.....	850,000.00
		Total bills and securities.....	\$62,924,786.49
		Due from foreign banks.....	311,830.79
		F. R. Notes of other F. R. Banks....	1,230,000.00
		Uncollected items.....	11,838,643.59
		Bank premises.....	2,488,640.53
		All other resources.....	3,111,475.08
		TOTAL RESOURCES.....	\$201,895,524.65

FEDERAL RESERVE BANK INFORMATION

DISTRICT No. 7—Bank Located at Chicago. (Transit No. 2-30)

(230 S. La Salle St.)

TERRITORY IN DISTRICT—State of Iowa, all that part of Wisconsin in the counties of Vernon, Monroe, Jackson, Clark, Marathon, Langlade, Oconto, and Marinette, together with all the counties lying east and south of these counties; all of the southern peninsula of Michigan, viz.: that part east of Lake Michigan; all that part of Illinois located north of a line forming the southern boundary of the following counties: Hancock, Schuyler, Cass, Sangamon, Christian, Shelby, Cumberland, and Clark; and all that part of Indiana north of a line forming the southern boundaries of the following counties: Vigo, Clay, Owen, Monroe, Brown, Bartholomew, Jennings, Ripley, and Ohio.

Membership: National Banks 760; State Banks 186.

Total non-member banks in Federal Reserve District 7, 2,834.

DIRECTORS AND OFFICERS

Class A—Directors

GEORGE J. SCHALLER, Storm Lake, Iowa (1932)
GEORGE M. REYNOLDS, Chicago, Ill. (1933)
EDWARD R. ESTBERG, Waukesha, Wis. (1934)

Class B—Directors

ROBERT M. FEUSTEL, Fort Wayne, Ind. (1932)
MAX W. BABB, Milwaukee, Wis. (1933)
STANFORD T. CRAPO, Detroit, Mich. (1934)

Class C—Directors

JAMES SIMPSON, Chicago, Ill. (1932)
EUGENE M. STEVENS, Evanston, Ill. (1933), Chairman
FRANK C. BALL, Muncie, Ind. (1934)

MELVIN A. TRAYLOR, Chicago, Ill., Member Federal Advisory Council

Officers

EUGENE M. STEVENS, Federal Reserve Agent
CLIFFORD S. YOUNG, Assistant Federal Reserve Agent
GEORGE A. PRUGH, Assistant Federal Reserve Agent
F. R. BURGESS, General Auditor
WALTER A. HOPKINS, Assistant Auditor
HARRIS G. PETT, Manager, Division of Research and Statistics

JAMES B. McDOUGAL, Governor
JOHN H. BLAIR, Deputy Governor
CHARLES R. McKAY, Deputy Governor
JAMES H. DILLARD, Deputy Governor

WILLIAM C. BACHMAN, Assistant Deputy Governor
E. A. DELANEY, Assistant Deputy Governor
DON A. JONES, Assistant Deputy Governor
OTTO J. NETTERSTROM, Assistant Deputy Governor

FRED BATEMAN, Manager, Securities Department
JOSEPH C. CALLAHAN, Manager, Member Bank Accounts Department
ROBERT E. COULTER, Manager, Cash Custody Department
ALBA W. DAZEY, Manager, Investment Department
IRVING FISCHER, Manager, Check Department
ROBERT J. HARGREAVES, Manager, Personnel Department
FRANK A. LINDSTEN, Manager, Disbursing Department
LOUIS G. MEYER, Manager, Service Department
ARTHUR L. OLSON, Manager, Loans
LOUIS G. PAVEY, Manager, Collection Department
FRANKLIN L. PURINGTON, Manager, Discount Department
J. G. ROBERTS, Manager, Cash Department
WILLIAM W. TURNER, Manager, Loans

DETROIT BRANCH. (Transit No. 9-29)

(160 Fort Street, West)

Directors

GEORGE B. MORLEY, Saginaw, Mich.
DAVID McMORRAN, Port Huron, Mich.
WILLIAM J. GRAY, Detroit, Mich.
JAMES INGLIS, Detroit, Mich.
N. P. HULL, Lansing, Mich.
JOHN BALLANTYNE, Detroit, Mich.
W. R. CATION, Detroit, Mich.

Officers

WILLIAM R. CATION, Managing Director
HARLAN J. CHALFONT, Cashier
GEORGE T. JARVIS, Assistant Cashier
JOHN G. BASKIN, Assistant Cashier
F. L. BOWEN, Assistant Auditor

(Statement as of December 31, 1931)

LIABILITIES	
Deposits:	
Capital paid in.....	\$ 18,011,400.00
Surplus.....	38,411,010.76
Deposits:	
Government.....	\$ 3,290,911.40
Member bank—reserve account.....	283,975,892.46
All others.....	11,067,294.08
Total deposits.....	\$298,334,097.94
F. R. notes in actual circulation.....	\$519,470,615.00
Deferred availability items.....	51,885,458.55
All other liabilities.....	3,177,524.06
TOTAL LIABILITIES.....	\$929,290,106.31

RESOURCES	
Gold coin and gold certificates.....	\$ 52,861,905.04
Gold settlement fund with F. R. Board....	50,484,327.37
Total gold held by bank.....	\$103,346,232.41
Gold with Federal Reserve Agent.....	483,620,000.00
Gold redemption fund.....	9,626,811.03
Total gold reserves.....	\$596,593,043.44
Legal tender notes, silver, etc.....	29,276,957.00
Total reserves.....	\$625,870,000.44
Non-reserve cash.....	10,858,403.54
Bills discounted:	
Sec. by government obligations—	
Member banks.....	50,271,457.06
All others—Member banks.....	24,224,379.93
Bills bought in open market.....	42,052,290.90
Total bills on hand.....	\$116,548,127.89
U. S. securities.....	105,531,100.00
Other securities.....	3,490,000.00
Total earning assets.....	\$225,569,227.89
Bank premises (Head Office and Detroit Branch).....	7,827,477.75
Uncollected items.....	56,635,330.46
All other resources.....	2,529,666.23
TOTAL RESOURCES.....	\$929,290,106.31

FEDERAL RESERVE BANK INFORMATION

DISTRICT No. 8—Bank Located at St. Louis. (Transit Number 4-4)

(411 Locust Street)

TERRITORY IN DISTRICT—Arkansas, all Missouri east of the western boundary of the following counties: Harrison, Daviess, Caldwell, Ray, Lafayette, Johnson, Henry, St. Clair, Cedar, Dade, Lawrence, and Barry; all Illinois south of the northern boundaries of the following counties: Adams, Brown, Morgan, McCoupin, Montgomery, Fayette, Effingham, Jasper, and Crawford; all Indiana south of the northern boundaries of the following counties: Sullivan, Greene, Lawrence, Jackson, Scott, Jefferson, and Switzerland; all Kentucky west of the eastern boundaries of the following counties: Gallatin, Owen, Franklin, Anderson, Mercer, Boyle, Casey, Russell, and Wayne; all Tennessee west of the eastern boundaries of the following counties: Henry, Benton, Decatur, and Hardin; and all Mississippi north of the southern boundaries of the following counties: Washington, Holmes, Attala, Winston, Noxubee, and Humphreys.

Membership: National Banks 448; State Banks 104. Total 552.

DIRECTORS

CLASS A:—JOHN G. LONSDALE (1932), St. Louis; JOHN C. MARTIN (1934), Salem, Ill.; MAX B. NAHM (1933), Bowling Green, Ky.

CLASS B:—WILLIAM B. PLUNKETT (1934), Little Rock, Ark.; J. W. HARRIS (1933), St. Louis, Mo.; M. P. STURDIVANT, Glendora, Miss.

CLASS C:—JOHN S. WOOD, St. Louis, *Chairman of Board and Federal Reserve Agent*; JOHN W. BOEHNE (1932), Evansville, Ind., *Deputy Chairman*; PAUL DILLARD (1934), Memphis, Tenn.

WALTER W. SMITH, St. Louis, Mo., *Member Federal Advisory Council*.

OFFICERS

JOHN S. WOOD, *Chairman of the Board and Federal Reserve Agent*; C. M. STEWART, *Assistant Federal Reserve Agent*; WM. McC. MARTIN, *Governor*; OLIN M. ATTEBERY, *Deputy Governor*; JAMES G. McCONKEY, *Secretary and Counsel*; A. H. HAILL, S. F. GILMORE, F. N. HALL, O. C. PHILLIPS and G. O. HOLLOCHER, *Controllers*, E. J. NOVY, *General Auditor*; A. E. DEBRECHT and L. A. MOORE, *Assistant Auditors*.

LITTLE ROCK BRANCH. (Transit Number 81-13)

A. F. BAILEY, *Managing Director*; M. H. LONG, *Cashier*; CLIFFORD WOOD, *Assistant Cashier*.

DIRECTORS

A. F. BAILEY, GORDON H. CAMPBELL, W. A. HICKS, CHAS. H. MURPHY, STUART WILSON MOORHEAD WRIGHT, and JO. NICHOL.

LOUISVILLE BRANCH. (Transit Number 21-59)

JOHN T. MOORE, *Managing Director*; C. A. SCHACHT, *Cashier*; S. B. JENKS, *Assistant Cashier*.

DIRECTORS

WHITEFOORD R. COLE, Louisville, Ky.; EUGENE E. HOGE, Frankfort, Ky.; JOHN T. MOORE, Louisville, Ky.; JOHN T. REYNOLDS, Greenville, Ky.; W. W. CRAWFORD, Louisville, Ky.; E. H. WOODS, Lucas, Ky.; and W. E. HUTHSTEINER.

MEMPHIS BRANCH. (Transit Number 26-3)

W. H. GLASGOW, *Managing Director*; S. K. BELCHER, *Cashier*; C. E. MARTIN, *Assistant Cashier*.

DIRECTORS

E. L. ANDERSON, W. H. GLASGOW, WILLIAM ORGILL, R. B. SNOWDEN, J. W. ALDERSON, S. E. RAGLAND and J. M. TARRANT.

(Statement of January 6, 1932)

LIABILITIES

F. R. notes in actual circulation	\$ 88,084,000
Deposits:	
Member banks—reserve account	61,307,000
Government	2,334,000
Foreign bank	2,690,000
Other deposits	838,000
Total deposits	\$67,169,000
Deferred availability items	20,953,000
Capital paid in	4,693,000
Surplus	10,025,000
All other liabilities	1,380,000
TOTAL LIABILITIES	\$192,304,000

RESOURCES

Gold with Federal Reserve Agent	\$ 61,255,000
Gold redemption fund with U. S. Treasury	2,375,000
Gold held exclusively against F. R. notes	63,630,000
Gold settlement fund with F. R. Board	10,538,000
Gold and gold certificates held by banks	11,144,000
Total gold reserves	85,312,000
Reserves other than gold	12,724,000
Total reserves	98,036,000
Non-reserve cash	3,586,000
Bills discounted:	
Secured by U. S. Government obligations	15,077,000
Other bills discounted	7,751,000
Total bills discounted	22,828,000
Bills bought in open market	12,319,000
U. S. Government securities:	
Bonds	11,715,000
Treasury notes	806,000
Certificates and Bills	15,365,000
Total U. S. Government securities	27,886,000
Other Securities	880,000
Total bills and securities	63,913,000
Due from foreign banks	21,000
F. R. Notes of other banks	1,856,000
Uncollected items	19,227,000
Bank premises	3,461,000
All other resources	2,204,000
TOTAL RESOURCES	\$192,304,000

FEDERAL RESERVE BANK INFORMATION

DISTRICT No. 9—Bank Located at Minneapolis. (Transit Number 17-8)

(Location—73 So. Fifth St.)

TERRITORY IN DISTRICT—Montana, North Dakota, South Dakota, Minnesota, all Wisconsin in the counties: La Crosse, Trempealeau, Eau Claire, Chippewa, Taylor, Lincoln, Oneida, Forest, and Florence, and all the counties lying north and west of these and the northern peninsula of Michigan.

Membership: National Banks 558; State Banks 40.

DIRECTORS

CLASS A:—P. J. LEEMAN (1934), Minneapolis; H. R. KIBBEE (1932), Mitchell, S. D.; H. C. HANSEN, (1933), Church Ferry, N. Dak.

CLASS B:—W. O. WASHBURN (1934), St. Paul; J. E. O'CONNELL (1932), Helena, Mont.; JOHN S. OWEN (1933), Eau Claire, Wis.

CLASS C:—JOHN R. MITCHELL (1932), *Chairman*, HOMER P. CLARK (1933), *Deputy Chairman*, St. Paul; GEO. W. McCORMICK (1934), Menominee, Mich.

OFFICERS

W. B. GEERY, *Governor*; HARRY YAEGER, *Deputy Governor*; H. I. ZIEMER, *Deputy Governor and Cashier*; FRANK C. DUNLOP, *Controller*; L. E. RAST, *Assistant Cashier*; H. C. CORE, *Assistant Cashier*; A. R. LARSON, *Assistant Cashier*; R. F. HOMSTROM, *Assistant Cashier*; ANDREAS UELAND, *Counsel*; SIGURD UELAND, *Assistant Counsel*; H. P. HOWARD, *Custodian of Building*.

JOHN R. MITCHELL, *Chairman and Federal Reserve Agent*; HOMER P. CLARK, *Deputy Chairman*; CURTIS L. MOSHER, *Assistant Federal Reserve Agent*; FRED M. BAILEY, *Assistant Federal Reserve Agent*; OLIVER S. POWELL, *Statistician*.

MEMBER OF FEDERAL ADVISORY COUNCIL

THEODORE WOLD, Minneapolis, Minn.

HELENA BRANCH. (Transit Number 93-26)

DIRECTORS

W. R. STRAIN, Great Falls, H. SIEBEN, Helena, S. McKENNAN, Helena; R. E. TOWLE, Helena, and THOMAS A. MARLOW, Helena.

OFFICERS

R. E. TOWLE, *Managing Director*; H. L. ZIMMERMANN, *Cashier*; A. A. HOERR, *Assistant Cashier*.

(Statement of January 13, 1932)

LIABILITIES		RESOURCES	
F. R. notes in actual circulation.....	\$ 68,018,380.00	Gold with Federal Reserve Agent.....	\$ 53,365,000.00
Deposits:		Gold redemption fund with U. S. Treasury.....	898,840.87
Member bank—reserve account.....	42,167,698.22	Gold held exclusively against F. R. notes.....	54,263,840.87
Government.....	1,573,327.93	Gold settlement fund with F. R. Board....	3,992,211.80
Foreign bank.....	1,459,861.34	Gold and gold certificates held by bank....	6,232,506.71
Other deposits.....	358,248.29	Total gold reserves.....	64,488,559.38
Total deposits.....	\$ 45,559,135.78	Reserve other than gold.....	6,220,890.65
Deferred availability items.....	7,699,267.06	Total reserves.....	70,709,450.03
Capital paid in.....	2,952,250.00	Non-reserve cash.....	2,303,446.47
Surplus.....	6,356,250.17	Bills discounted:	
All other liabilities.....	1,473,280.29	Sec. by U. S. Government obligations....	1,524,951.48
TOTAL LIABILITIES.....	\$132,058,563.30	Other bills discounted.....	10,316,300.44
		Total bills discounted.....	11,841,251.92
		Bills bought in open market.....	6,664,160.24
		U. S. Government securities:	
		Bonds.....	15,886,529.56
		Treasury notes.....	589,000.00
		Other Certificates and Bills.....	11,226,500.00
		Total U. S. Government securities.....	27,702,029.56
		Other Securities.....	733,289.91
		Total bills and securities.....	46,940,731.63
		Due from foreign banks.....	13,256.42
		F. R. notes of other Federal Reserve Banks	649,000.00
		Uncollected items.....	8,228,692.09
		Bank premises.....	1,833,716.58
		All other resources.....	1,380,270.08
		TOTAL RESOURCES.....	\$132,058,563.30

FEDERAL RESERVE BANK INFORMATION

DISTRICT No. 10—Bank Located at Kansas City, Mo. (Transit Number 18-4)

(10th & Grand Ave.)

TERRITORY IN DISTRICT—Kansas, Nebraska, Colorado, Wyoming, all Missouri west of the eastern boundaries of the following counties: Worth, Gentry, DeKalb, Clinton, Clay, Jackson, Cass, Bates, Vernon, Barton, Jasper, Newton, and McDonald; all Oklahoma with exception of the following counties: Atoka, Bryan, Choctaw, Coal, Johnston, Marshall, McCurtain, and Pushmataha; all New Mexico north of a line forming the southern boundary of the following counties: Valencia, Bernalillo, Santa Fe, San Miguel, Harding and Union.

Membership: National Banks 803; State Banks 23.

Non-member Banks 1849.

Total number of banks in District No. 10, 2675.

DIRECTORS

CLASS A:—E. E. MULLANEY (1932), Hill City, Kan.; FRANK W. SPONABLE (1934), Paola, Kan.; C. C. PARKS (1933), Denver, Colo.

CLASS B:—L. E. PHILLIPS (1932), Bartlesville, Okla.; W. D. HOSFORD, (1933), Omaha, Neb.; J. M. BERNARDIN (1934), Kansas City, Mo.

CLASS C:—M. L. McCCLURE (1932), Kansas City, *Chairman of Board*; H. M. LANGWORTHY (1934), Kansas City, Mo., *Deputy Chairman of Board*; E. P. BROWN (1933), Davey, Neb.

WALTER S. McLUCAS Kansas City, Mo., *Member Federal Advisory Council*.

OFFICERS

GEORGE H. HAMILTON, *Governor*; C. A. WORTHINGTON, *Deputy Governor*; J. W. HELM, *Deputy Governor and Cashier*.

ASSISTANT CASHIERS:—JOHN PHILLIPS, Jr., E. P. TYNER, G. E. BARLEY, M. W. E. PARK, G. H. PIPKIN, N. R. OBERWORTMANN, *Asst. Cashier and Examiner*; H. G. LEEDY, *Counsel*.

M. L. McCCLURE, *Chairman Board of Directors and Federal Reserve Agent*; H. M. LANGWORTHY, *Deputy Chairman Board of Directors*; A. M. McADAMS, *Assistant Federal Reserve Agent and Secretary Board of Directors*; S. A. WARDELL, *Auditor*.

DENVER BRANCH (Transit Number 23-19)

(17th & Arapahoe)

J. E. OLSON, *Managing Director*; STANLEY A. BROWN, *Cashier*; JOHN A. CRONAN, *Assistant Cashier*.

DIRECTORS

HAROLD KOUNTZE, Denver; MERRITT W. GANO, Denver; J. E. OLSON, Denver; MURDO MACKENZIE Denver; R. H. DAVIS, Denver; H. W. FARR, Greeley, Colo.; HENRY SWAN, Denver.

OMAHA BRANCH (Transit Number 27-12)

(1701-5 Dodge St.)

L. H. EARHART, *Managing Director*; G. A. GREGORY, *Cashier*; WM. PHILLIPS and O. P. CORDILL *Assistant Cashiers*.

DIRECTORS

WM. DIESING, Omaha; A. H. MARBLE, Cheyenne, Wyo.; L. H. EARHART, Omaha; R. O. MARNELL Nebraska City; W. E. HARDY, Lincoln; T. L. DAVIS, Omaha; DANIEL M. HILDEBRAND, Seward, Nebraska

OKLAHOMA CITY BRANCH (Transit Number 39-24)

(226 West Third St.)

C. E. DANIEL, *Managing Director*; R. O. WUNDERLICH, *Cashier*; R. L. MATHES, *Assistant Cashier*.

DIRECTORS

H. H. OGDEN, Muskogee; WM. MEE, Oklahoma City; C. E. DANIEL, Oklahoma City; NED HOLMAN, Oklahoma City; AUSTIN MILLER, Oklahoma City; J. B. DOOLIN, Alva, Okla.

(Statement of December 31, 1931)

LIABILITIES	RESOURCES
Capital paid in.....\$ 4,184,800.00	Bills discounted.....\$ 27,725,835.67
Surplus.....8,124,278.35	Bills purchased in open market.....11,666,125.72
Deposit liabilities:	U. S. securities.....18,707,600.00
Government.....1,510,133.26	Federal Intermediate Credit Bank debentures.....400,000.00
Member bank—reserve deposits.....75,228,701.09	Total earning assets.....\$ 58,499,561.39
Other deposits, including foreign bank deposits.....2,289,090.26	Cash reserves:
Total deposits subject to reserve.....\$ 79,027,924.61	Gold on hand and with agencies.....\$ 31,091,137.98
Deposits of items representing uncollected funds.....\$ 19,674,173.87	Gold with Federal Reserve Agent.....66,680,000.00
Total deposits.....\$ 98,702,098.48	Total gold reserves.....\$ 97,771,137.98
Federal reserve notes—net circulation.....82,711,485.00	Other lawful money.....7,665,279.00
Unearned discount and interest.....194,429.90	Total cash reserves.....\$105,436,416.98
All other liabilities.....499,071.18	Non-reserve cash.....2,653,496.81
TOTAL LIABILITIES.....\$194,416,162.91	Checks and other items in process of collection.....22,872,601.41
	Banking houses, less reserves.....3,649,065.89
	Due from suspended banks.....957,529.69
	All other resources.....347,490.74
	TOTAL RESOURCES.....\$194,416,162.91

FEDERAL RESERVE BANK INFORMATION

DISTRICT No. 11—Bank Located at Dallas. (Transit Number 32-3)

TERRITORY IN DISTRICT—Texas, all New Mexico south of the northern boundaries of the following counties: Catron, Socorro, Torrance, Guadalupe, and Quay, all Louisiana north of the southern boundaries of the following counties: Sabine, Natchitoches, Grant, LaSalle, Catahoula, and Concordia; the following counties in Oklahoma: Atoka, Marshall, Bryan, Choctaw, Coal, Pushmataha, McCurtain, and Johnston, and the following counties in Arizona: Pima, Graham, Greenlee, Cochise, and Santa Cruz.

Membership: National Banks 550, State Banks 67. Total 617.

DIRECTORS

CLASS A:—R. E. HARDING (1933), Ft. Worth, Tex.; J. P. WILLIAMS (1932), Mineral Wells, Tex.; W. H. PATRICK (1934), Clarendon, Tex.

CLASS B:—A. S. CLEVELAND (1934), Houston, Texas; J. R. MILAM (1933), Waco, Texas; J. J. CULBERTSON (1932), Paris, Texas.

CLASS C:—C. C. WALSH (1934), *Chairman of Board and Federal Reserve Agent*; S. B. PERKINS (1933), *Deputy Chairman of Board*, Dallas; E. R. BROWN (1932), Dallas.

OFFICERS

C. C. WALSH, *Chairman of Board and Federal Reserve Agent*; CHAS. C. HALL, *Assistant Federal Reserve Agent and Secretary*; W. J. EVANS, *Assistant Federal Reserve Agent*; B. A. MCKINNEY, *Governor*; R. R. GILBERT, *Deputy Governor*; R. B. COLEMAN, *Deputy Governor*; FRED HARRIS, *Cashier*; W. O. FORD, *Assistant Deputy Governor*; E. B. AUSTIN, *Assistant Cashier*; L. G. PONDROM, *Assistant Cashier*; R. O. WEBB, *Assistant Cashier*; W. P. CLARKE, *General Auditor*; C. C. TRUE, *Assistant Auditor*; C. C. HUFF, *General Counsel*; LOCKE, LOCKE, STROUD and RANDOLPH, *Counsel*.

J. H. FROST, *Member Federal Advisory Council*, San Antonio, Tex.

EL PASO BRANCH. (Transit Number 88-1)

J. L. HERMANN, *Managing Director*; ALLEN SAYLES, *Cashier*.

DIRECTORS

J. L. HERMANN, E. M. HURD, A. P. COLES, C. M. NEWMAN, and GEORGE D. FLORY, El Paso; A. F. JONES, Portales, N. Mex.; S. P. APPLEWHITE, Douglas, Ariz.

HOUSTON BRANCH. (Transit Number 35-4)

W. D. GENTRY, *Managing Director*; C. B. MENDEL, *Cashier*; H. R. De MOSS, *Assistant Cashier*.

DIRECTORS

W. D. GENTRY, JOHN A. WILKINS, N. E. MEADOR, R. M. FARRAR and E. A. PEDEN, Houston; J. C. WILSON, Beaumont; A. A. HORNE, Galveston.

SAN ANTONIO BRANCH. (Transit Number 30-72)

M. CRUMP, *Managing Director*; W. E. EAGLE, *Cashier*; H. K. DAVIS, *Assistant Cashier*.

DIRECTORS

M. CRUMP, FRANZ C. GROOS, J. M. BENNETT, WALTER P. NAPIER, FRANK M. LEWIS, San Antonio; FRANK CROW, McAllen, and GEORGE C. HOLLIS, Eagle Pass.

(Statement of December 31, 1931)

LIABILITIES		RESOURCES	
F. R. Notes in actual circulation.....	\$ 46,812,000	Gold with Federal Reserve Agent.....	\$ 40,700,000
Deposits:		Gold redemption fund with U. S. Treasury.....	809,000
Member banks—reserve account.....	48,811,000	Gold held exclusively against F. R. notes.....	41,509,000
Government.....	1,509,000	Gold settlement fund with F. R. Board.....	8,881,000
Foreign banks.....	2,306,000	Gold and gold certificates held by bank.....	3,639,000
Other deposits.....	246,000	Total gold reserves.....	54,029,000
Total deposits.....	\$ 52,872,000	Reserves other than gold.....	7,946,000
Deferred availability items.....	13,223,000	Total reserve.....	\$ 61,975,000
Capital paid in.....	4,135,000	Non-reserve cash.....	3,532,000
Surplus.....	7,624,000	Bills discounted:	
All other liabilities.....	2,287,000	Sec. by U. S. Government obligations.....	543,000
TOTAL LIABILITIES.....	\$126,953,000	Other bills discounted.....	9,873,000
		Total bills discounted.....	10,416,000
		Bills bought in open market.....	3,019,000
		U. S. Government securities:	
		Bonds.....	17,995,000
		Treasury Notes.....	536,000
		Certificates and bills.....	11,333,000
		Total U. S. Government securities.....	29,864,000
		Total bills and securities.....	43,299,000
		Due from Foreign Banks.....	260,000
		Uncollected items.....	13,404,000
		F. R. notes of other banks.....	397,000
		Bank premises.....	1,785,000
		All other resources.....	2,301,000
		TOTAL RESOURCES.....	\$126,953,000

FEDERAL RESERVE BANK INFORMATION

DISTRICT No. 12—Bank Located at San Francisco. (Transit Number 11-37)

(Sansome and Sacramento Sts.)

TERRITORY IN DISTRICT—California, Washington, Oregon, Idaho, Nevada, Utah, and the following counties in Arizona: Apache, Coconino, Gila, Maricopa, Mohave, Navajo, Pinal, Yavapai, and Yuma.

Membership: National Banks 426; State Banks 96.

Non-member Banks 604; Total number of banks in District 12, 1126.

DIRECTORS

CLASS A:—C. K. McINTOSH (1934), San Francisco, Calif., T. H. RAMSAY (1932), Red Bluff, Calif., KEITH POWELL (1933), Woodburn, Ore.

CLASS B:—E. H. COX (1934), Madera, Calif.; A. B. C. DOHRMANN (1932), San Francisco, Calif.; MALCOLM McNAGHTEN (1933), Los Angeles, Calif.

CLASS C:—WILLIAM SPOULE (1934), San Francisco, Calif.; ISAAC B. NEWTON (1932), Los Angeles, Calif. *Chairman of Board*, WALTON N. MOORE (1933), San Francisco, Calif., *Deputy Chairman of Board*.

Member of Federal Advisory Council, H. M. ROBINSON, Los Angeles, Calif.

OFFICERS

JNO. U. CALKINS, *Governor*.

WM. A. DAY, *Deputy Governor*.

IRA CLERK, *Deputy Governor*.

W. M. HALE, *Cashier*.

CHESTER D. PHILLIPS, *Assistant Cashier*.

C. E. EARHART, *Assistant Cashier*.

H. N. MANGELS, *Assistant Cashier*.

E. C. MAILLIARD, *Assistant Cashier*.

J. M. OSMER, *Assistant Cashier*.

F. H. HOLMAN, *General Auditor*.

FEDERAL RESERVE AGENT.

ISAAC B. NEWTON, *Federal Reserve Agent*.

S. G. SARGENT, *Assistant Federal Reserve Agent, Chief Examiner and Secretary*.

O. P. WHEELER, *Assistant Federal Reserve Agent*.

ALBERT C. AGNEW, *Counsel*.

LOS ANGELES BRANCH, (Transit Number 16-16)

(10th and Olive Sts.)

W. N. AMBROSE, *Managing Director*; M. McRITCHIE, *Assistant Manager*; F. C. BOLD, *Assistant Cashier*; L. C. MEYER, *Assistant Cashier*.

DIRECTORS

F. J. BELCHER, Jr., A. J. CRUICKSHANK, C. B. VOORHIS, J. B. ALEXANDER, *Chairman*.

PORTLAND BRANCH, (Transit Number 24-1)

(Porter Bldg., 6th and Oak Sts.)

R. B. WEST, *Managing Director*; S. A. MacEACHRON, *Assistant Manager*; J. P. BLANCHARD, *Assistant Cashier*.

DIRECTORS

J. C. AINSWORTH, JOHN F. DALY, NATHAN STRAUSS, EDWARD C. PEASE, *Chairman*.

SALT LAKE CITY BRANCH, (Transit Number 31-31)

(Cor. South Temple and East State St.)

W. L. PARTNER, *Managing Director*; H. M. CRAFT, *Assistant Manager*; W. M. SMOOT, *Assistant Cashier*.

DIRECTORS

H. E. HEMINGWAY, E. O. HOWARD, LAFAYETTE HANCHETT, G. G. WRIGHT, *Chairman*.

SEATTLE BRANCH, (Transit Number 19-1)

(2nd Avenue and Spring St.)

C. R. SHAW, *Managing Director*; B. A. RUSSELL, *Assistant Manager*; G. W. RELF, *Assistant Cashier*.

DIRECTORS

M. A. ARNOLD, M. F. BACKUS, CHAS. H. CLARKE, HENRY A. RHODES, *Chairman*.

SPOKANE BRANCH, (Transit Number 28-1)

(Post St. and Main Ave.)

D. L. DAVIS, *Managing Director*; JOS. M. LEISNER, *Assistant Manager*; A. J. DUMM, *Assistant Cashier*.

DIRECTORS

D. W. TWOHY, R. M. HARDY, G. I. TOEVS, PETER MCGREGOR, *Chairman*.

(Statement of January 13, 1932)

LIABILITIES

F. R. notes in actual circulation	\$234,311,000
Deposits:	
Member bank—reserve account	138,834,000
Government	2,191,000
Foreign banks	4,579,000
Other Deposits	5,152,000
Total deposits	150,756,000
Deferred availability items	27,126,000
Capital paid in	11,301,000
Surplus	17,707,000
All other liabilities	1,125,000
TOTAL LIABILITIES	\$442,326,000

RESOURCES

Gold with Federal Reserve Agent	\$184,763,000
Gold redemption fund with U. S. Treasury	5,009,000
Gold held exclusively against F. R. notes	189,772,000
Gold settlement fund with F. R. Board	22,624,000
Gold and gold certificates held by bank	24,603,000
Total Gold Reserves	236,999,000
Reserves other than gold	10,794,000
Total Reserves	\$ 247,793,000
Non-reserve cash	7,709,000
Bills discounted:	
Secured by U. S. Government obligations	26,689,000
Other bills discounted	48,243,000
Total bills discounted	74,932,000
Bills bought in open market	26,020,000
U. S. Government securities	
Bonds	17,952,000
Treasury notes	1,696,000
Certificates and bills	28,362,000
Total U. S. Government securities	48,010,000
Other securities	1,870,000
Total bills and securities	150,832,000
Due from Foreign Banks	598,000
Federal Reserve Notes on other banks	2,246,000
Uncollected items	27,760,000
Bank premises	4,433,000
All other resources	955,000
TOTAL RESOURCES	\$ 442,326,000

FEDERAL FARM LOAN BOARD

WASHINGTON, D. C.

ANDREW W. MELLON, *Secretary of the Treasury, Chairman ex officio*

JOHN H. GUILL

PAUL BESTOR, *Farm Loan Commissioner*

GEO. R. COOKSEY

L. J. PETTIJOHN

JAMES B. MADISON

A. C. WILLIAMS

PEYTON R. EVANS,

FRANKLIN D. VAN SANT, *Secretary**General Counsel*

FEDERAL LAND BANKS

DISTRICT No. 1—Bank Located at Springfield, Mass.

WM. H. BROWNING, Jr., *Farm Loan Registrar*.TERRITORY IN DISTRICT—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, and New Jersey.
CAPITAL, \$3,036,005.00.OFFICERS—EDWARD H. THOMSON, *President*, B. G. McINTIRE, *Vice-President*, HAROLD P. PERKINS, *Secretary*, MACDONALD G. NEWCOMB, *Vice-President and Treasurer*, O. D. ROATS, *General Counsel*.
DIRECTORS—EDWARD H. THOMSON, B. G. McINTIRE, D. C. CULVER, W. W. PORTER, E. H. FORBUSH, W. I. TOMLINSON, EDWARD R. EASTMAN.

DISTRICT No. 2—Bank Located at Baltimore, Md.

L. P. BETHEA, *Farm Loan Registrar*.TERRITORY IN DISTRICT—Pennsylvania, Delaware, Maryland, Virginia, District of Columbia, and Porto Rico.
CAPITAL, \$3,813,810.00.OFFICERS—VULOSKO VAIDEN, *President*, D. G. HARRY, *Vice-President*, CHARLES S. JACKSON, *Vice-President and Secretary*, HORACE S. WYNN, *Vice-President and Treasurer*, I. P. WHITEHEAD, *General Counsel*.
DIRECTORS—VULOSKO VAIDEN, D. G. HARRY, JOHN H. MURRAY, JOHN H. JOHNSON, THOMAS W. OZLIN, GEORGE P. ALDERSON, GEORGE M. FISHER, Jr.

DISTRICT No. 3—Bank Located at Columbia, S. C.

R. J. TIGHE, *Farm Loan Registrar*.

TERRITORY IN DISTRICT—North Carolina, South Carolina, Georgia, and Florida. CAPITAL, \$3,081,640.00.

OFFICERS—FRANK H. DANIEL, *President*, L. I. GUION, *Vice-President*, R. J. TAYLOR, *Vice-President and Secretary*, A. B. MERRITT, *Vice-President and Treasurer*, HARRY D. REED, *General Counsel*.
DIRECTORS—FRANK H. DANIEL, L. I. GUION, R. C. GARY, C. E. VANCE, JAS. T. ANDERSON, T. H. TUTEN.

DISTRICT No. 4—Bank Located at Louisville, Ky.

ERNEST E. REARDON, *Farm Loan Registrar*.

TERRITORY IN DISTRICT—Ohio, Indiana, Kentucky, and Tennessee. CAPITAL, \$6,723,310.00.

OFFICERS—A. G. BROWN, *President*, A. P. SANDLES, *Vice-President*, RALPH G. SAMS, *Vice-President and Secretary*, WM. C. HOUSTON, Jr., *Vice-President and Treasurer*, JOHN E. TARRANT, *General Counsel*.
DIRECTORS—A. G. BROWN, M. S. KENNEDY, Jr., FRANK D. RASH, L. B. CLORE, ERNEST RICE, FRED D. COPPOCK, A. P. SANDLES.

DISTRICT No. 5—Bank Located at New Orleans, La.

C. R. FAY, *Farm Loan Registrar*.

TERRITORY IN DISTRICT—Alabama, Mississippi, and Louisiana. CAPITAL, \$5,929,015.00.

OFFICERS—R. B. CLARK, *President*, R. T. GOODWYN, *Vice-President*, EDWARD B. GREEN, *Vice-President*, J. V. DeGRUY, *Vice-President and Treasurer*, M. H. MOORE, *Secretary*, J. M. THOMAS, *General Counsel*.
DIRECTORS—GERMAN BAKER, R. T. GOODWYN, L. O. CROSBY, A. A. LeJEUNE, TIP RAY, A. H. STONE, W. T. NEAL.

DISTRICT No. 6—Bank Located at St. Louis, Mo.

WILLIAM R. CAMPBELL, *Farm Loan Registrar*.

TERRITORY IN DISTRICT—Illinois, Missouri, and Arkansas. CAPITAL, \$5,820,415.00.

OFFICERS—WOOD NETHERLAND, *President*, O. J. LLOYD, *Vice-Pres. and Secretary*, W. H. LAND, *Vice-President and Treasurer*, W. H. DROSTE, *Assistant Treasurer*, C. S. HALE, *General Counsel*.
DIRECTORS—WOOD NETHERLAND, E. C. COULTER, C. E. HOPKINS, W. W. MARTIN, A. P. PATTON, L. M. SMITH, JOHN REEVES.

DISTRICT No. 7—Bank Located at St. Paul, Minn.

H. C. LIBBY, *Farm Loan Registrar*.

TERRITORY IN DISTRICT—Michigan, Wisconsin, Minnesota, and North Dakota. CAPITAL, \$6,330,590.00.

OFFICERS—F. H. KLAOWN, *President*, SAMUEL TORGERSON, *Vice-President*, FRANK G. WANER, *Vice-President and Secretary*, GEORGE S. GORDHAMER, *Vice-President and Treasurer*, JOHN THORPE, *General Counsel*.
DIRECTORS—F. H. KLAOWN, SAM A. RASK, SAMUEL TORGERSON, FRANK R. COIT, JOHN C. SMITH, GOTTFRID S. JOHNSON, CHAS. E. PARKER.

DISTRICT No. 8—Bank Located at Omaha, Neb.

S. H. BLACKWELL, *Farm Loan Registrar*.

TERRITORY IN DISTRICT—Iowa, Nebraska, South Dakota, and Wyoming. CAPITAL, \$9,151,815.00.

OFFICERS—D. P. HOGAN, *President*, JOHN CARMODY, *Vice-Pres. and Secretary*, ANDREW KOPPERUD, *2nd Vice-Pres. and Treasurer*, T. C. HORNBY, *3rd Vice-President*, HARVEY M. JOHNSON, *General Counsel*.
DIRECTORS—D. P. HOGAN, A. M. HASKELL, A. O. HAUGE, E. A. BURNETT, P. F. LUCHSINGER, J. C. UNDERWOOD, FLETCHER ALGUIRE.

DISTRICT No. 9—Bank Located at Wichita, Kas.

ORAN LAYTON, *Farm Loan Registrar*.

TERRITORY IN DISTRICT—Oklahoma, Kansas, Colorado, and New Mexico. CAPITAL, \$4,856,550.00.

OFFICERS—JOHN FIELDS, *President*, W. E. FISHER, *Vice-President and Secretary*, A. N. ROCHESTER, *Vice-President and Treasurer*, W. E. PEPPERELL, *Vice-President and General Counsel*.
DIRECTORS—JOHN FIELDS, F. M. WILSON, W. H. MOTT, L. E. CALL, OLIVER M. LEE, P. O. WELLS, J. A. CARNES.

DISTRICT No. 10—Bank Located at Houston, Tex.

HENRY R. TULL, *Farm Loan Registrar*.

TERRITORY IN DISTRICT—The State of Texas. CAPITAL, \$8,603,335.00.

OFFICERS—M. H. GOSSETT, *President*, JOHN VAN DE MARK, *Vice-President and Secretary*, R. D. JOHNSON, *Vice-President and Treasurer*, LEWIS ROGERS, *General Attorney*.
DIRECTORS—S. A. LINDSEY, *Ch. of Bd.*, M. H. GOSSETT, RALPH H. HARRIS, R. S. RODGERS, W. C. HURST, ROY C. ARCHER.

DISTRICT No. 11—Bank Located at Berkeley, Calif.

F. S. BALDWIN, *Farm Loan Registrar*.

TERRITORY IN DISTRICT—California, Nevada, Utah, and Arizona. CAPITAL, \$3,038,738.00.

OFFICERS—W. D. ELLIS, *President*, JOHN T. WILSON, *Vice-President*, R. T. EVANS, *Vice-President*, WALTER C. DEAN, *Secretary*, CHARLES PARKER, *Treasurer*, RICHARD W. YOUNG, *General Counsel*.
DIRECTORS—W. D. ELLIS, JOHN T. WILSON, WILLIAM GOULD, W. M. HOWELL, R. L. ADAMS, H. B. EMBACH, WM. RAYMOND.

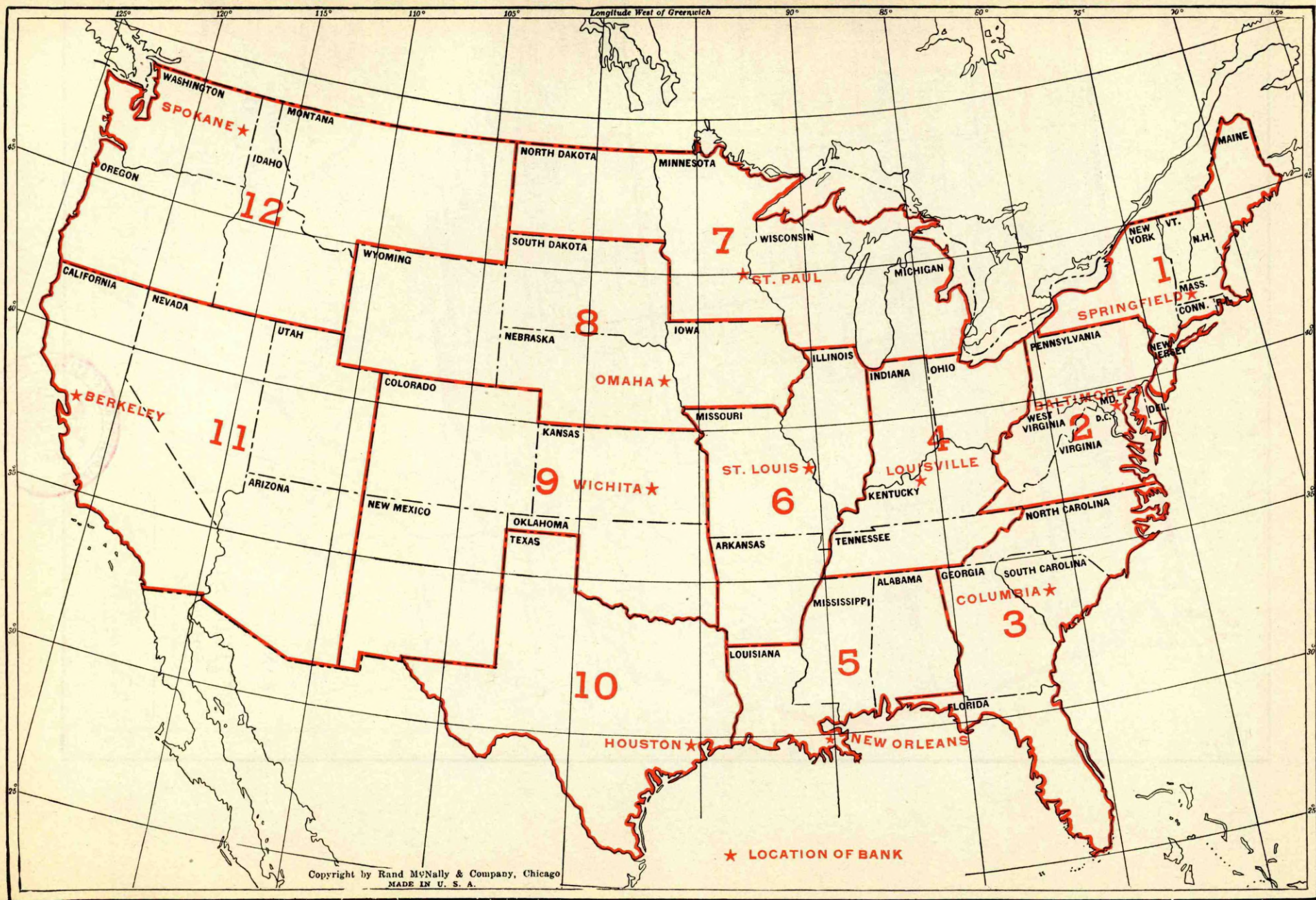
DISTRICT No. 12—Bank Located at Spokane, Wash.

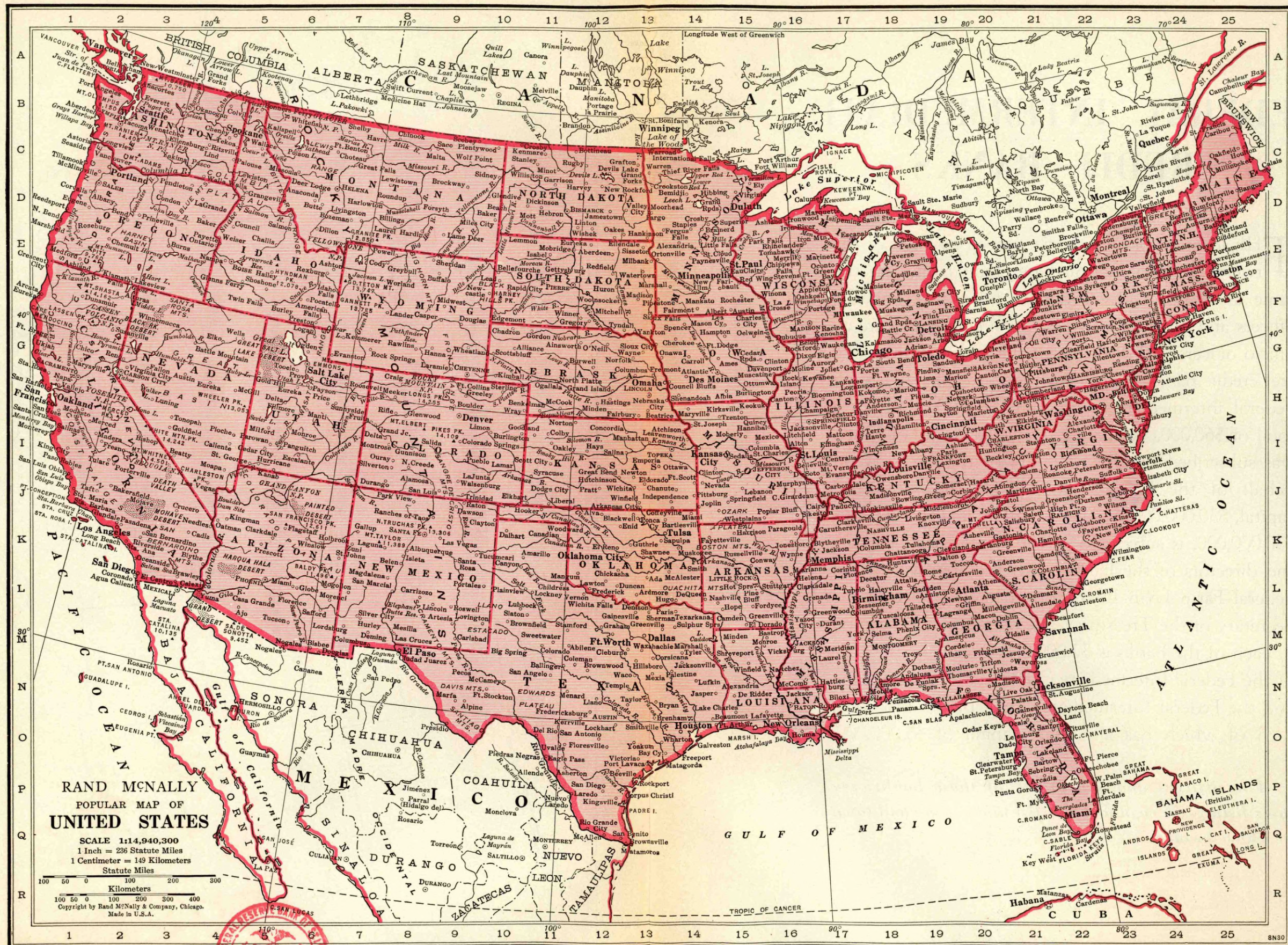
E. M. WATSON, *Farm Loan Registrar*.

TERRITORY IN DISTRICT—Washington, Oregon, Montana, and Idaho. CAPITAL, \$5,290,907.50.

OFFICERS—E. M. EHRHARDT, *President*, W. S. McCORMACK, *Vice-President*, M. B. HAMPTON, *2nd Vice-President*, HENRY MATTHEW, *Secretary*, O. H. JUNOD, *Treasurer*, DANA E. BRINCK, *General Counsel*.
DIRECTORS—R. E. SHEPHERD, *Ch. of Bd.*, E. M. EHRHARDT, W. S. McCORMACK, PETER THOMPSON, B. D. THOMPSON, A. S. GOSS, D. N. MacKAY.

FEDERAL LAND BANK AND FEDERAL INTERMEDIATE CREDIT BANK DISTRICTS.





FEDERAL INTERMEDIATE CREDIT BANKS

THE location of and district served by each of the twelve Federal intermediate credit banks are the same as those of the Federal land banks, and the officers and directors of the Federal land banks are ex officio officers and directors of the Federal intermediate credit banks. The authorized capital of each Federal intermediate credit bank is \$5,000,000, or a total of \$60,000,000 for the twelve banks, all of which was subscribed by the Secretary of the Treasury on behalf of the United States. Of the subscribed capital, \$30,000,000, has been paid in, and the balance, \$30,000,000, is subject to call in whole or in part by the directors of the banks, with the approval of the Federal Farm Loan Board, on 30 days' notice to the Secretary of the Treasury. The present paid-in capital of each of the banks is \$2,000,000, except in the case of the Federal Intermediate Credit Bank of Columbia and the Federal Intermediate Credit Bank of Berkely, each of which has a paid-in capital of \$5,000,000.

For officers and statements of these banks, see their listings in regular bank list under state and town in which located.

Joint Stock Land Banks.

No.	Chartered	Title	Location	States in which operating
58.	8-21-22.	The First Joint Stock Land Bank of Montgomery.....	Montgomery, Ala.	Ala. & Ga.
81.	2-20-26.	The Southwest Joint Stock Land Bank of Little Rock.....	Little Rock, Ark.	Ark. & Texas
26.	9-19-19.	The California Joint Stock Land Bank of San Francisco.....	San Francisco, Cal.	Cal. & Ore.
84.	3-20-31.	The Corn Belt Joint Stock Land Bank of Taylorville.....	Taylorville, Ill.	Ill. & Ia.
49.	5-29-22.	The Pacific Coast Joint Stock Land Bank of San Francisco.....	San Francisco, Cal.	Cal. & Ariz.
38.	4-18-22.	The Denver Joint Stock Land Bank of Denver	Denver, Colo.	Colo. & Wyo.
60.	9-23-22.	The Atlanta Joint Stock Land Bank of Atlanta.....	Atlanta, Ga.	Ga. & Ala.
4.	7-25-17.	The Chicago Joint Stock Land Bank of Chicago	Chicago, Ill.	Ill. & Iowa
33.	2-24-22.	The First Trust Joint Stock Land Bank of Chicago.....	Chicago, Ill.	Ill. & Iowa
55.	7-25-22.	The Illinois Midwest Joint Stock Land Bank of Edwardsville...	Edwardsville, Ill.	Ill. & Mo.
12.	1-24-19.	The Illinois Joint Stock Land Bank of Monticello.....	Monticello, Ill.	Ill. & Iowa
10.	12-20-18.	The First Joint Stock Land Bank of Ft. Wayne.....	Ft. Wayne, Ind	Ind. & Ohio
3.	6-28-17.	The Fletcher Joint Stock Land Bank of Indianapolis.....	Indianapolis, Ind.	Ind. & Ill.
83.	9-11-26.	The Indianapolis Joint Stock Land Bank of Indianapolis.....	Indianapolis, Ind.	Ind. & Ohio
82.	3- 2-26.	The Union Trust Joint Stock Land Bank of Indianapolis	Indianapolis, Ind.	Ind. & Ohio
27.	10- 1-19.	The Lafayette Joint Stock Land Bank of Lafayette.....	Lafayette, Ind.	Ind. & Ill.
72.	1-11-23.	The Burlington Joint Stock Land Bank of Burlington.....	Burlington, Ia.	Ia. & Ill.
15.	4-22-19.	The Des Moines Joint Stock Land Bank of Des Moines.....	Des Moines, Ia.	Iowa & Minn.
1.	4-24-17.	The Iowa Joint Stock Land Bank of Sioux City.....	Sioux City, Ia.	Ia. & S. D.
35.	4- 4-22.	The Kentucky Joint Stock Land Bank of Lexington	Lexington, Ky.	Ky. & Ohio
43.	5- 1-22.	The Louisville Joint Stock Land Bank of Louisville.....	Louisville, Ky.	Ky. & Ind.
62.	10- 3-22.	The Union Joint Stock Land Bank of Louisville.....	Louisville, Ky.	Ky. & Tenn.
36.	4-10-22.	The First Joint Stock Land Bank of New Orleans	New Orleans, La.	La. & Miss.
76.	4- 7-23.	The Maryland-Virginia Joint Stock Land Bank of Baltimore...	Baltimore, Md.	Md. & Va.
79.	5- 9-23.	The Union Joint Stock Land Bank of Detroit	Detroit, Mich.	Mich. & Ohio
41.	5- 2-22.	The Minneapolis-Trust Joint Stock Land Bank of Minneapolis	Minneapolis, Minn.	Minn. & N. D.
21.	6-25-19.	The Southern Minnesota Joint Stock Land Bank of Redwood Falls	Minneapolis, Minn.	Minn. & S. D.
34.	3-29-22.	The St. Louis Joint Stock Land Bank of St. Louis.....	St. Louis, Mo.	Mo. & Ark.
14.	4-17-19.	The Fremont Joint Stock Land Bank of Fremont.....	Lincoln, Nebr.	Nebr. & Iowa
8.	7-12-18.	The Lincoln Joint Stock Land Bank of Lincoln.....	Lincoln, Nebr.	Nebr. & Iowa
40.	5- 2-22.	The New York Joint Stock Land Bank of Rochester.....	Rochester, N. Y.	N. Y. & N. J.
20.	6-11-19.	The Virginia-Carolina Joint Stock Land Bank of Norfolk	Elizabeth City, N. C.	N. C. & Va.
52.	7- 5-22.	The North Carolina Joint Stock Land Bank of Durham.....	Durham, N. C.	N. C. & Va.
57.	8-18-22.	The Greensboro Joint Stock Land Bank of Greensboro.....	Greensboro, N. C.	N. C. & Tenn.
51.	6- 6-22.	The Atlantic Joint Stock Land Bank of Raleigh.....	Raleigh, N. C.	N. C. & S. C.
45.	5-12-22.	The Oregon-Washington Joint Stock Land Bank of Portland ...	Portland, Ore.	Ore. & Wash.
47.	5-29-22.	The Pacific Coast Joint Stock Land Bank of Portland.....	Portland, Ore.	Ore. & Wash.
68.	11-14-22.	The Pennsylvania Joint Stock Land Bank of Philadelphia.....	Philadelphia, Pa.	Pa. & N. Y.
85.	6- 1-31.	The Phoenix Joint Stock Land Bank of Kansas City.....	Kansas City, Mo.	Kan. & Mo.
39.	4-24-22.	The First Carolinas Joint Stock Land Bank of Columbia.....	Columbia, S. C.	S. C. & N. C.
6.	6-22-18.	The Mississippi Joint Stock Land Bank of Memphis.....	Memphis, Tenn.	Tenn. & Miss.
7.	6-22-18.	The Tennessee Joint Stock Land Bank of Memphis.....	Memphis, Tenn.	Tenn. & Ark.
22.	7- 3-19.	The Dallas Joint Stock Land Bank of Dallas.....	Dallas, Texas	Texas & Okla.
16.	4-23-19.	The First Texas Joint Stock Land Bank of Houston	Houston, Texas	Texas & Okla.
25.	9-15-19.	The San Antonio Joint Stock Land Bank of San Antonio.....	San Antonio, Texas	Texas & Okla.
48.	5-29-22.	The Pacific Coast Joint Stock Land Bank of Salt Lake City.....	Salt Lake City, Utah	Utah & Idaho
78.	5- 2-23.	The Potomac Joint Stock Land Bank of Alexandria.....	Washington, D. C.	Va. & Md.
2.	5- 7-17.	The Virginian Joint Stock Land Bank of Charleston.....	Charleston, W. Va.	W. Va. & Ohio
69.	12- 7-22.	The Greenbrier Joint Stock Land Bank of Covington	Lewisburg, W. Va.	W. Va. & Va.

CLEARING HOUSES IN THE UNITED STATES

This compilation of deposits in the cities having Clearing Houses gives total deposits of *all* banks and will be a valuable reference for comparisons.

CITY	January, 1931 Deposits	July, 1931 Deposits	January, 1932 Deposits	CITY	January, 1931 Deposits	July, 1931 Deposits	January, 1932 Deposits
Aberdeen, S. D.	\$ 6,521,320	\$ 6,519,770	\$ 5,455,210	Enid, Okla.	\$ 9,219,240	\$ 7,758,060	\$ 6,148,280
Abilene, Texas	6,611,590	6,811,520	4,913,660	Erie, Pa.	64,183,160	62,252,880	52,714,500
Adrian, Mich.	7,147,570	7,339,310	6,148,930	Eugene, Ore.	7,537,030	7,046,550	5,852,820
Akron, Ohio	89,825,650	88,834,480	64,185,150	Evanston, Ill.	23,867,890	20,157,610	17,472,540
Alameda, Calif.	440,700	436,820	576,120	Fairfield, Iowa	4,299,230	4,348,690	4,029,190
Albany, Ga.	2,946,620	2,654,120	2,654,320	Fall River, Mass.	76,262,210	76,388,440	72,385,990
Albany, N. Y.	311,857,450	348,353,720	317,318,000	Fargo, N. D.	16,904,810	17,273,540	15,622,170
Albert Lea, Minn.	3,632,220	3,469,400	3,067,800	Faribault, Minn.	4,677,770	4,444,040	4,117,520
Albion, Mich.	1,864,700	1,539,970	850,000	Fergus Falls, Minn.	5,248,060	5,520,960	4,080,220
Alhambra, Calif.	3,178,910	3,010,470	2,297,590	Flint, Mich.	51,038,400	50,431,190	42,124,550
Allentown, Pa.	41,625,890	40,490,690	35,837,380	Fort Dodge, Iowa	6,053,630	6,178,710	4,861,600
Altos, Pa.	17,502,560	10,944,120	9,471,070	Fort Wayne, Ind.	62,166,130	56,994,570	46,317,910
Amarillo, Texas	18,089,560	17,975,560	15,389,330	•Fort Worth, Texas	75,620,120	74,243,430	61,371,240
Ames, Iowa	3,342,010	3,104,730	2,631,200	Franklin, Pa.	11,349,500	10,946,510	10,787,670
Anaheim, Calif.	2,410,110	2,126,880	708,450	Frederick, Md.	33,437,390	32,921,250	18,912,520
Ann Arbor, Mich.	17,425,030	17,306,880	16,023,720	Fremont, Neb.	4,184,210	3,889,480	3,519,800
Anniston, Ala.	6,197,090	5,736,010	5,850,950	Fresno, Calif.			
Ardmore, Okla.	5,685,300	5,267,230	4,988,590	Fullerton, Calif.	1,223,260	1,172,880	1,198,150
Arkansas City, Kas.	3,559,460	3,251,030	3,194,870	•Galveston, Texas	34,025,030	32,415,130	28,988,530
Asbury Park, N. J.	20,356,150	16,346,930	3,754,150	Gastonia, N. C.	2,706,040	4,037,600	3,311,080
Asheville, N. C.	2,990,350	3,417,350	3,041,430	Glendale, Calif.	2,320,110	2,072,060	1,867,770
Atchison, Kan.	4,856,910	4,359,060	3,894,220	Grand Forks, N. D.	6,923,880	7,001,090	6,470,930
Athens, Ga.	1,282,830	1,284,730	1,099,210	Grand Island, Neb.	6,873,800	6,786,390	6,011,240
•Atlanta, Ga.	110,005,530	118,124,920	104,313,850	•Grand Rapids, Mich.	82,355,050	80,206,560	68,354,280
Atlantic City, N. J.	58,485,600	49,982,040	39,104,360	Great Falls, Mont.	16,411,490	14,975,880	13,224,260
Augusta, Ga.	12,250,120	12,122,780	11,646,630	Green Bay, Wis.	15,767,160	11,920,060	12,313,230
Aurora, Ill.	14,075,850	13,882,090	10,834,750	Greensboro, N. C.	47,229,160	41,785,240	34,188,320
Austin, Texas	24,991,540	24,606,100	21,613,780	Greenville, Miss.	3,980,850	3,613,820	3,426,250
Bakersfield, Calif.	1,906,750	2,022,570	2,001,120	Greenville, S. C.	6,522,140	6,794,560	6,016,030
•Baltimore, Md.	574,839,280	599,199,050	546,965,860	Greenwood, Miss.	1,543,060	2,882,470	2,515,030
Bangor, Me.	46,952,430	49,566,360	45,752,620	Griffin, Ga.			
Bartlesville, Okla.	9,627,110	9,368,420	7,602,650	Guthrie, Okla.	3,999,110	3,898,040	3,540,730
Battle Creek, Mich.	32,263,210	32,073,360	28,794,300	Hagerstown, Md.	19,663,200	18,784,130	13,136,940
Beaumont, Texas	23,837,210	23,188,080	17,944,880	Hamilton, Ohio	13,155,660	13,031,670	11,527,630
Bellingham, Wash.	10,037,120	9,756,520	8,889,420	Hannibal, Mo.	3,710,100	3,990,220	4,020,120
Beloit, Wis.	12,356,690	12,307,550	10,387,430	Harrisburg, Pa.	43,053,080	41,961,790	36,501,920
Bemidje, Minn.	2,004,540	2,005,280	1,927,270	Hartford, Conn.	267,878,250	272,974,800	238,487,890
Berkeley, Calif.				Hastings, Neb.	5,196,010	5,135,130	2,500,110
Bethlehem, Pa.	24,994,010	24,329,270	22,764,950	Hattiesburg, Miss.	7,605,800	6,335,090	5,044,800
Beverly Hills, Calif.		9,133,740	8,147,250	Hazleton, Pa.	28,698,430	29,860,810	28,413,840
Billings, Mont.	8,442,140	8,217,170	6,548,630	•Helena, Mont.	13,747,530	13,144,160	11,972,340
Binghamton, N. Y.	49,902,300	50,775,690	45,887,210	Henderson, Ky.	4,655,090	4,500,970	2,578,250
•Birmingham, Ala.	80,198,330	74,807,000	66,844,050	Henderson, N. C.	3,682,060	3,022,140	1,647,110
Bloomington, Ill.	14,905,960	15,116,860	13,603,660	Hibbing, Minn.	4,968,080	4,489,480	4,356,150
Bogalusa, La.		1,922,750	1,901,610	Hollywood, Calif.	2,808,420	2,951,460	1,934,480
Boise, Idaho	16,585,520	15,711,360	15,323,290	Holyoke, Mass.	59,735,490	60,876,670	59,718,470
Boone, Iowa	5,410,270	5,361,910	4,457,280	Hot Sp. N. Park, Ark.	6,475,960	6,338,560	3,790,110
•Boston, Mass.	1,890,772,230	1,826,618,730	1,629,714,210	•Houston, Texas	167,495,350	158,843,940	145,475,900
Bowling Green, Ky.	3,033,640	3,082,670	2,729,470	Huntington, W. Va.	18,187,240	15,506,820	14,023,100
Bristol, Tenn., Va.	7,327,050	7,354,920	6,610,970	Huntington Park, Calif.	1,352,160	1,352,160	1,184,170
Brookfield, Mo.	1,070,510	1,008,810	922,090	Hutchinson, Kan.	7,487,750	7,893,940	6,502,940
Brunswick, Ga.	3,112,880	2,851,210	2,533,360	Independence, Mo.	3,741,310	3,633,020	3,305,880
•Buffalo, N. Y.	607,965,340	621,685,530	558,960,470	•Indianapolis, Ind.	157,655,270	156,993,560	149,694,190
Butler, Pa.	15,186,490	14,601,660	13,345,670	Jackson, Mich.	19,682,190	18,820,110	14,435,850
Cambridge, Mass.	129,985,560	134,323,090	130,737,960	Jackson, Miss.	21,057,230	18,504,150	15,381,830
Camden, N. J.	78,968,250	75,096,920	70,837,070	•Jacksonville, Fla.	67,443,330	72,827,020	57,411,950
Canton, Ohio	57,039,250	57,567,520	22,539,700	Jacksonville, Ill.	9,410,180	8,982,100	8,667,990
Cape Girardeau, Mo.	3,646,680	3,988,090	3,471,310	Jamesstown, N. Y.	36,738,700	36,098,570	35,329,000
Carthage, Mo.	2,381,540	2,285,310	2,209,230	Johnstown, Pa.	43,214,480	40,573,280	38,839,070
Casper, Wyo.	8,667,910	7,898,080	7,410,070	Joplin, Mo.	9,636,200	8,674,320	7,254,060
•Cedar Rapids, Iowa	39,357,620	41,746,210	28,966,580	Kalamazoo, Mich.	21,348,350	19,799,390	17,135,700
Champaign, Ill.	9,220,170	8,864,060	2,009,180	•Kansas City, Kan.	25,891,820	27,032,290	22,859,245
Charles City, Iowa	4,792,610	4,570,980	4,184,790	•Kansas City, Mo.	301,096,310	302,985,990	257,582,600
Charleston, S. C.	77,474,750	68,397,370	40,336,900	Knoxville, Tenn.	26,436,960	31,514,350	26,275,470
Charleston, W. Va.	38,062,750	37,944,360	37,010,220	•LaCrosse, Wis.	14,723,010	14,999,610	14,148,180
•Charlotte, N. C.	37,266,180	39,297,690	34,796,940	La Fayette, Ind.	19,825,810	19,091,830	16,717,850
Chattanooga, Tenn.	49,609,840	47,849,110	42,920,050	Lancaster, Pa.	52,105,710	52,433,930	37,549,790
Chester, Pa.	28,364,990	27,609,900	23,369,160	Lansing, Mich.	32,049,920	32,266,520	18,676,990
Chester, S. C.	2,638,260	2,163,760	2,052,910	Larned, Kan.	1,440,980	1,436,010	1,439,480
Cheyenne, Wyo.	7,606,750	7,455,590	6,623,030	LaSalle, Ill.	7,263,450	6,525,200	5,900,470
•Chicago, Ill.	2,920,882,720	2,244,402,370	2,137,659,485	Lawrence, Kan.	4,977,620	4,494,890	4,631,660
Chico, Calif.	5,839,490	5,841,010	4,126,360	Leavenworth, Kan.	8,646,370	7,340,610	7,188,450
Chino, Calif.				Lebanon, Pa.	13,678,130	13,454,090	12,844,220
•Cincinnati, Ohio	312,143,860	307,388,440	272,139,870	Lexington, Ky.	24,042,100	22,471,710	22,837,410
•Cleveland, Ohio	1,057,832,320	1,044,731,150	832,352,460	Liberal, Kan.	1,618,230	1,492,560	1,432,540
Colorado Springs, Colo.	18,560,010	17,640,450	17,404,710	Lima, Ohio	11,455,820	7,599,350	7,349,610
Columbia, S. C.	13,215,110	12,657,500	10,479,870	Lincoln, Ill.	3,293,470	2,981,440	2,545,110
Columbus, Ga.	14,121,300	13,188,100	12,370,820	•Lincoln, Neb.	27,340,150	29,182,950	23,743,870
•Columbus, Ohio	112,893,980	119,849,520	96,926,620	Little Falls, Minn.	2,947,710	2,892,180	2,961,960
Corsicana, Texas	8,092,500	7,392,570	6,625,490	•Little Rock, Ark.	33,894,200	35,176,690	22,103,260
Council Bluffs, Iowa	13,742,470	12,839,240	11,880,940	Logan, Utah	5,147,170	5,013,190	4,858,500
•Dallas, Texas	162,305,320	167,933,270	143,655,000	Long Beach, Calif.	56,053,943	53,673,217	45,494,500
Danville, Ill.	8,265,530	8,591,750	8,061,930	Lorain, Ohio	11,298,500	10,816,480	9,071,900
Dayton, Ohio	55,716,040	54,570,050	26,107,780	•Los Angeles, Calif.	1,208,416,620	871,782,110	776,962,120
Decatur, Ala.	6,675,740	5,822,720	4,610,870	•Louisville, Ky.	110,350,570	115,548,970	103,467,210
Decatur, Ill.	14,393,880	14,743,680	13,042,860	Lowell, Mass.	89,505,670	89,437,550	78,408,990
Deer Lodge, Mont.	3,477,110	3,525,850	3,118,170	Lynn, Mass.	87,894,600	87,232,970	83,771,840
•Denver, Colo.	167,623,360	158,318,420	141,934,840	Macon, Ga.	8,625,200	9,069,440	8,097,720
Derby, Conn.	13,643,510	13,309,860	13,252,080	Madison, Wis.	29,920,570	32,844,350	26,624,270
•Des Moines, Iowa	64,877,050	66,625,690	56,991,290	Manchester, N. H.	70,518,870	72,836,740	71,452,120
•Detroit, Mich.	853,440,680	863,214,530	737,786,860	Manhattan, Kan.	2,387,400	2,337,740	1,937,910
Dickinson, N. D.	2,738,910	2,462,540	2,305,840	Manitowoc, Wis.	8,576,350	8,691,360	8,042,620
Dodge City, Kan.	2,400,560	2,092,680	1,862,670	Mankato, Minn.	11,386,820	11,413,100	10,334,470
Dothan, Ala.	3,704,600	3,237,040	2,500,820	Mansfield, Ohio	12,469,290	12,631,450	7,296,820
Du Bois, Pa.	7,077,690	7,068,440	7,629,160	Marion, Ohio	5,671,750	4,794,000	2,951,490
•Dubuque, Iowa	20,833,660	20,299,060	13,683,530	Martinsburg, W. Va.	7,300,960	6,861,600	6,546,410
Duluth, Minn.	56,376,360	54,612,900	48,033,080	McAlester, Okla.	3,427,680	3,431,870	3,313,870
Dunkirk, N. Y.	10,055,110	9,509,670	8,756,050	Medford, Ore.	5,418,510	4,901,710	4,656,390
Elberton, Ga.	798,470	845,220	730,360	•Memphis, Tenn.	83,663,660	90,890,730	75,139,740
Elizabeth City, N. C.	2,925,890	2,983,630	2,736,400	Meridian, Miss.	4,672,230	7,833,740	7,109,490
Elkhart, Ind.	10,844,120	10,234,930	8,832,100	Mexico, Mo.	2,045,380	1,994,730	1,756,550
Elmhurst, Ill.	3,749,990	3,730,120	3,004,680	Miami, Fla.	20,233,230	26,232,700	20,903,990
•El Paso, Texas	27,668,720	25,502,720	16,522,910	Michigan City, Ind.	8,358,700	7,800,880	7,389,880
Elwood City, Pa.	4,120,840	3,617,110	2,422,670	Milledgeville, Ga.	2,135,460	2,105,150	2,081,800
Elyria, Ohio	17,874,020	17,374,710	15,493,990	•Milwaukee, Wis.	283,825,350	302,946,220	255,895,570
Emporia, Kan.	4,550,250	4,195,130	4,178,260	•Minneapolis, Minn.	347,327,680	357,329,910	321,921,480

CLEARING HOUSES IN THE UNITED STATES—Continued

CITY	January, 1931 Deposits	July, 1931 Deposits	January, 1932 Deposits	CITY	January, 1931 Deposits	July, 1931 Deposits	January, 1932 Deposits
Minot, N. D.	\$ 6,303,660	\$ 5,616,540	\$ 5,089,310	•St. Paul, Minn.	\$ 159,814,170	\$ 166,970,320	\$ 143,967,070
Mobile, Ala.	32,098,600	30,290,123	28,803,870	St. Petersburg, Fla.	6,335,240	4,900,400	4,631,090
Modesto, Calif.	4,168,860	4,145,030	4,088,180	Salisbury, N. C.	1,137,160	1,026,160	1,149,630
Moline, Ill.	27,269,440	24,622,960	19,873,910	•Salt Lake City, Utah	88,850,330	82,007,030	70,049,450
Montclair, N. J.	37,925,740	38,303,080	36,153,460	•San Antonio, Texas	65,464,460	64,440,940	47,972,750
•Montgomery, Ala.	17,370,850	16,078,700	15,549,140	San Bernardino, Calif.	8,581,490	8,699,990	5,529,860
Mt. Carmel, Pa.	8,625,240	8,104,050	7,837,390	San Diego, Calif.	43,512,350	44,067,140	42,017,800
Muncie, Ind.	11,196,670	11,158,940	9,276,650	•San Francisco, Calif.	1,835,025,960	2,026,271,950	1,824,693,180
Muskegon, Mich.	17,592,180	17,139,660	13,213,000	San Jose, Calif.	10,572,130	9,162,870	10,298,680
•Muskegon, Okla.	11,160,980	11,081,180	10,492,150	San Pedro, Calif.	5,119,160	4,539,390	4,301,680
•Nashville, Tenn.	78,251,490	80,556,890	70,173,910	Santa Barbara, Calif.	9,571,940	9,806,730	9,512,570
Nebraska City, Neb.	2,804,890	2,589,940	2,282,450	Santa Cruz, Calif.	6,061,120	5,675,420	5,528,950
New Albany, Ind.	11,035,540	10,800,870	7,233,630	Santa Monica, Calif.	2,120,280	1,692,350	824,620
New Albany, Miss.	1,455,000	1,140,530	951,650	Santa Rosa, Calif.	3,262,340	3,528,140	3,551,470
•Newark, N. J.	433,486,310	435,111,320	433,641,510	Sarasota, Fla.	2,516,930	2,330,610	2,243,460
Newark, Ohio	17,510,920	16,464,910	15,370,470	•Savannah, Ga.	91,012,160	87,957,290	72,591,960
New Bedford, Mass.	86,994,809	86,530,550	81,369,100	Scranton, Pa.	112,524,320	115,351,740	95,814,990
New Brighton, Pa.	2,904,870	2,745,570	2,572,600	•Seattle, Wash.	223,906,280	223,779,640	197,664,820
New Castle, Pa.	16,872,200	15,985,850	14,630,920	Sedalia, Mo.	4,916,800	5,035,000	2,045,270
•New Haven, Conn.	168,207,550	174,023,500	164,150,960	Shamokin, Pa.	13,272,380	13,011,950	12,154,400
New Kensington, Pa.	10,852,460	10,582,800	9,673,600	Sheboygan, Wis.	19,482,190	19,320,570	18,437,670
New London, Conn.			45,548,120	Sherman, Texas	5,135,610	5,443,980	4,417,730
Newnan, Ga.	1,949,490	1,383,630	1,325,050	•Sioux City, Iowa	24,849,280	30,639,330	25,615,780
•New Orleans, La.	246,972,120	243,254,500	202,984,310	Sioux Falls, S. D.	12,723,670	13,308,030	11,931,210
Newport News, Va.	13,168,080	13,523,820	9,307,850	South Bend, Ind.	33,437,170	19,870,220	19,874,470
New Rochelle, N. Y.	38,851,940	37,871,560	37,132,360	South St. Paul, Minn.	6,314,450	6,291,420	6,124,310
•New York, N. Y.	14,606,183,888	14,491,520,840	12,531,550,890	Spartanburg, S. C.	9,523,690	9,092,190	7,502,730
Niagara Falls, N. Y.	42,464,450	38,797,680	34,572,100	Spokane, Wash.	64,940,390	65,636,130	54,676,470
Norfolk, Va.	55,435,640	55,920,060	49,831,060	Springfield, Ill.	29,666,530	29,987,300	26,256,220
Norristown, Pa.	21,347,930	20,199,690	20,499,100	Springfield, Mass.	172,944,280	172,492,750	161,745,630
*Northern New Jersey City, N. Y.				Springfield, Mo.	16,895,560	16,509,000	13,196,530
•Oakland, Calif.	75,184,700	78,184,560	75,852,280	Springfield, Ohio	18,534,380	17,947,040	15,795,330
•Ogden, Utah	22,242,670	22,242,670	14,136,840	Stamford, Conn.	46,489,280	45,596,080	45,449,020
Oil City, Pa.	19,833,330	18,306,390	16,755,900	Sterling, Ill.	5,414,480	5,276,460	4,570,170
•Oklahoma City, Okla.	90,877,080	88,913,410	70,324,630	Steubenville, Ohio	19,418,970	18,033,500	13,528,730
Okmulgee, Okla.	5,962,790	5,629,740	4,192,270	Stockton, Calif.	13,471,270	13,158,030	14,590,810
Olympia, Wash.	4,484,260	5,564,080	3,313,200	Sumter, S. C.	3,021,630	2,669,500	1,562,610
•Omaha, Neb.	111,988,670	115,216,480	88,012,700	Superior, Wis.	11,061,500	11,079,940	9,468,070
Orange, N. J.	26,795,240	27,182,910	26,795,360	Syracuse, N. Y.	213,057,750	219,118,200	198,918,280
Oshkosh, Wis.	17,119,890	17,590,160	16,060,130	Tacoma, Wash.	22,207,970	23,110,150	19,821,300
Palestine, Texas	2,789,750	2,819,420	2,710,660	Tallahassee, Fla.	5,182,700	5,162,610	4,921,370
Parsons, Kan.	2,657,560	2,470,170	2,593,510	Tampa, Fla.	29,038,850	30,256,060	26,140,080
•Pasadena, Calif.	28,793,290	27,949,630	24,862,087	Terre Haute, Ind.	31,539,490	30,057,740	25,301,340
Passaic, N. J.	51,437,370	50,779,120	46,670,430	Texasarkana, Ark.-Tex.	15,018,190	14,683,970	12,721,080
Paterson, N. J.	134,412,720	134,075,100	125,667,300	Thomasville, Ga.	2,577,270	2,532,140	980,950
•Peoria, Ill.	44,139,750	44,119,700	38,169,290	•Toledo, Ohio	181,926,140	148,755,010	70,532,600
Petersburg, Va.	8,709,330	8,201,620	8,480,280	•Topeka, Kan.	34,077,540	35,289,950	30,725,860
•Philadelphia, Pa.	1,931,295,060	2,057,220,360	1,599,936,550	Trenton, N. J.	112,646,510	112,837,680	104,060,340
Phillipsburg, N. J.	7,125,940	6,467,740	6,121,510	Tucson, Ariz.	15,209,340	12,954,880	13,652,100
Phoenix, Ariz.	29,924,360	34,294,350	28,134,560	•Tulsa, Okla.	102,330,880	90,276,980	68,444,970
Pine Bluff, Ark.	7,036,980	9,814,450	6,800,570	Twin Falls, Idaho	4,235,650	3,345,550	1,307,350
Pittsburg, Kan.	5,604,800	5,387,450	3,430,870	Utica, N. Y.	92,010,280	88,554,520	81,499,290
•Pittsburgh, Pa.	1,053,393,000	1,102,216,930	840,899,900	Valdosta, Ga.	3,143,710	2,615,150	2,186,600
Pittsford, Pa.	18,504,840	18,250,640	16,970,950	Vernon, Texas	3,183,650	3,108,200	2,421,140
Pontiac, Mich.	28,750,510	9,535,710	6,660,000	Vicksburg, Miss.	9,585,000	9,783,490	9,086,920
Portland, Me.	112,009,980	117,475,620	112,207,880	Vincennes, Ind.	5,162,070	4,661,640	4,177,100
•Portland, Ore.	145,052,870	147,538,140	125,692,980	•Waco, Texas	21,167,860	19,905,110	18,426,090
Portsmouth, Va. (See Norfolk)				Warren, Pa.	25,160,130	23,075,770	21,976,380
Pottsville, Pa.	23,605,910	22,349,440	22,669,120	•Washington, D. C.	266,725,920	278,334,599	258,745,720
Providence, R. I.	424,866,610	430,921,520	397,053,110	Waterbury, Conn.	76,423,760	73,132,670	61,690,410
•Pueblo, Colo.	26,112,190	24,187,100	23,437,610	Waterloo, Iowa	12,121,910	12,215,510	9,807,320
Quincy, Ill.	10,471,040	13,948,220	13,816,850	Watertown, S. D.	4,285,170	4,008,940	3,309,130
Racine, Wis.	17,940,050	17,471,570	14,831,770	Watertown, Wis.	4,965,090	4,969,430	4,721,330
Raleigh, N. C.	7,379,770	12,207,490	6,040,480	Watsonville, Calif.	4,617,940	4,462,560	4,828,360
Reading, Pa.	58,213,080	56,169,130	53,934,530	West Los Angeles, Calif.			
Redondo Beach, Calif.	1,945,830	1,728,710	1,615,870	Wheeling, W. Va.	48,455,470	50,091,000	44,173,360
Red Wing, Minn.	4,750,340	4,633,900	4,434,730	•Wichita, Kan.	42,556,963	42,293,870	36,611,980
Reno, Nev.	18,381,480	17,370,030	17,986,930	Wichita Falls, Texas	17,497,980	14,950,800	13,520,960
•Richmond, Va.	132,361,230	137,860,000	113,603,570	Wilkes-Barre, Pa.	65,654,020	71,024,570	56,751,540
Riverside, Calif.	9,996,360	10,147,860	9,382,270	Williamsport, Pa.	23,009,950	21,602,660	19,437,980
Roanoke, Va.	30,086,320	30,178,960	29,449,880	Wilmington, Calif.			
Rochester, Minn.	7,492,760	7,213,220	6,733,830	Wilmington, Del.	89,645,380	89,789,980	86,340,580
Rochester, N. Y.	381,787,150	386,552,080	370,104,210	Wilmington, N. C.	8,478,840	7,368,230	6,910,000
Rockford, Ill.	31,254,440	22,873,550	10,782,610	Winchester, Va.	6,859,840	6,474,290	6,235,450
Rock Island, Ill.	19,789,360	18,516,950	14,262,770	Winona, Minn.	15,681,470	15,548,100	14,359,930
Rocky Mount, N. C.	1,893,560	2,782,810	2,890,130	Winter Haven, Fla.	2,289,850	2,814,030	1,974,310
Rome, Ga.	5,090,820	4,922,750	4,310,770	Worcester, Mass.	234,237,070	233,370,650	223,895,290
Sacramento, Calif.	61,994,880	64,993,520	59,953,910	Yakima, Wash.	11,440,730	10,362,170	9,343,410
Saginaw, Mich.	36,606,580	35,807,230	31,401,940	Yankton, S. D.	2,940,400	2,476,710	2,156,360
•St. Joseph, Mo.	35,369,210	35,960,880	31,193,870	Yonkers, N. Y.	92,128,570	94,374,640	92,523,330
•St. Louis, Mo.	601,780,260	575,457,740	510,406,180	York, Pa.	35,303,930	34,904,310	32,990,760
				Youngstown, Ohio	75,214,100	74,368,600	33,585,550

• Reserve City. * before name of city in above list denotes Clearing House examination.

Officers, members * and affiliated members + may be found by referring to above cities in the Bank List, following the banks.

* See Bayonne, Hoboken, Jersey City Union City, and West New York, N. J. in bank list for banks which are members of the Northern New Jersey Clearing House Association, located at 32 Liberty St. New York City, N. Y.

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*Under State Supervision. ▲ Does not include branches, either at main office or other towns. ‡ This does not include corporations, firms and individuals whose names appear herein but which are doing an investment business only.

Iowa	36
Kansas	11
Kentucky	13

*Canadian Agencies. ^Agency. †38 Foreign Agencies in New York City not included.