

The
Chase National Bank

OF THE CITY OF NEW YORK

CAPITAL \$148,000,000

SURPLUS \$148,000,000

DEPOSITS (JUNE 30, 1931) \$1,897,544,373.19

RAND McNALLY
BANKERS DIRECTORY

JULY 1931

PUBLISHED IN SEPTEMBER

A. G. Becker & Co.

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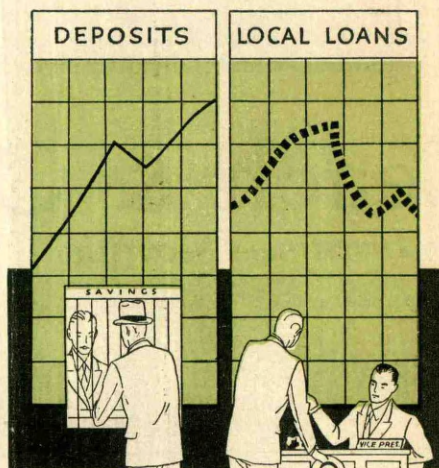
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	(30th June 1931)	(\$5-£1)
DEPOSITS, &c.	- - -	\$ 1,744,271,460
ADVANCES, &c.	- - -	\$ 861,836,845

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JULY 1931

111th EDITION — FOUNDED 1872 — 59th YEAR



RAND M^cNALLY & COMPANY

Official Numbering Agent American Bankers Association

NEW YORK

CHICAGO

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Reserve Fund	- - -	- -	30,750,000.00
Reserve Liability of Proprietors	- - -	- -	37,500,000.00
			<u>\$105,750,000.00</u>
Aggregate Assets			
30th September, 1930	- - -	- -	\$446,141,892.22

\$5 = £1



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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
			\$50,000,000

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AUTHORISED CAPITAL	- - - -	\$	100,000,000
ISSUED AND PAID-UP CAPITAL	- - - -		79,291,085
RESERVE FUND	- - - -		51,250,000
DEPOSITS etc. (31st December, 1930)	- - - -		1,746,366,415

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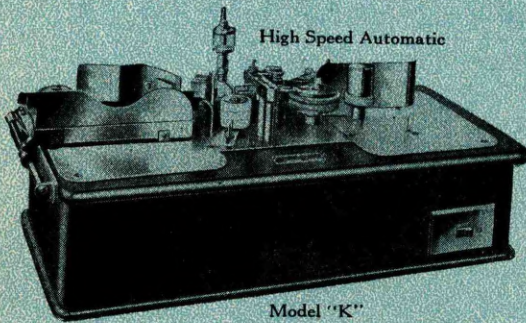
Total Resources Exceed \$2,000,000,000



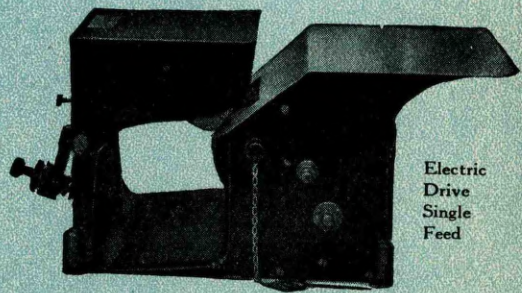
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A Complete Directory and Con-
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JULY 1931 EDITION

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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., 111 W. Monroe, 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.

2 ACCOUNTING DEVICES

(See also Specific Headings)

Holder's, Inc., 236 W. Lake, 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 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)

4 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)

5 ADVERTISING, BUILDING AND LOAN

Bankers Development Corp., 31 Nassau, New York, N. Y.
 Brace & Co., H. G., 400 Seventh North, Seattle, Wash.
 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)

6 ADVERTISING, DIRECT MAIL MATERIAL

American Embossing Co., 196 Seneca, Buffalo, Chicago, Ill.
 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, 1219 W. Washington Blvd., 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 Pear St., Scranton, Pa.
 Craddick 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.
 First National Advertising Service, 537 S. Dearborn, Chicago, Ill.
 Gerlach-Barklow Co., Joliet, Ill.
 Griffith-Stillings Press, 368 Congress, Boston, Mass.
 Hawk C. Franklin, 33 Public Square, Cleveland, O.
 Hunter Printing Co., 382 Fifth St., Oakland, Calif.
 Inland Co., 608 S. Dearborn, Chicago, Ill.
 Jeffcott & Co., 421 Chestnut, Philadelphia, Pa.
 Koss Co., Inc., O. A., 531 W. Larned, Detroit, Mich.
 George Moll—Advertising, Ninth Bk. Bldg., Philadelphia, Pa.
 National Service Bureau of New York, Inc., P. O. Box 121, Middletown, N. Y.
 Parlette-Padget Co., 75 E. Wacker Drive, Chicago, Ill.
 Price & Co., Inc., Henry F., 15 E. 40th, New York, N. Y.
 Purse Co., 435 Chestnut, Chattanooga, Tenn.
 Reed & Banker Associates, P. M., Tribune Tower, 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., 222 E. Superior, Chicago, Ill.
 Staples & Staples, Inc., 10 S. 10th, Richmond, Va.
 Tracey & Clark, Inc., 821 Cherry, Philadelphia, Pa.
 Weldon & Baldwin, Inc., 185 N. Wabash, Chicago, Ill.
 Wessling Services, Lytton, Iowa.
 Western Lithographing Co., 600 E. 2d, Los Angeles, Calif.
 Wilson, Inc., Edwin Bird, 9 Hanover, New York, N. Y.; 208 S. La Salle, Chicago, Ill.; Citizens & Southern Bank Bldg., Atlanta, Ga.

7 ADVERTISING MAPS

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

8 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.
 Geraghty Advertising Service, Inc., 465 W. Chicago Ave., Chicago, Ill.
 Lockren Film & Slide Co., William A., 16 N. 4th, Minneapolis, Minn.

ADVERTISING, NEWSPAPER

(See Advertising Service)

ADVERTISING NOVELTIES

(See Novelties, Advertising and Specific Headings)

9 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.

Financial Displays, Inc., 360 E. Grand, Chicago, Ill.

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.

Hawk, C. Franklin, 33 Public Square, Cleveland, O.
 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, 9 Hanover, New York, N. Y.; 208 S. La Salle, Chicago, Ill.; Citizens & Southern Bank Bldg., Atlanta, Ga.

10 ADVERTISING SERVICE

American Banking Machine Corporation, 207 Eddy Bldg., Saginaw, Mich.
 Armstrong Advertising Company, 332 S. Michigan, Chicago, Ill.
 Bankers Development Corp., 31 Nassau, New York, N. Y.
 Bankers Printing Co., 836 Montgomery, San Francisco, Calif.
 Bankers Service Corp., 19 Warren, New York, N. Y.
 Bankers Thrift Corp., 2944 W. Lake, Chicago, Ill.
 Bank Exposition Limited, 11 West 42d, New York, N. Y.
 Batten, Barton, Durstine & Osborn, Inc., 383 Madison Ave., New York, N. Y.
BAUDER BAKER, 225 N. Michigan Ave., Chicago, Ill.
 Blodgett Co., Harvey, 551 5th Ave., New York, N. Y.
 Bonsib, Inc., 701 First Nat'l Bk. Bldg., Ft. Wayne, Ind.
 Brace & Co., Inc., H. G., 400 Seventh North, Seattle, Wash.
 Call's Bankers Service Corporation, 321-327 Pear St., Scranton, Pa.
 Chicago Thrift Co., 1100 Washington Blvd., Chicago, Ill.
 Clark, Dodge & Co., 51 Wall, New York, N. Y.
 Craddick 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.
 Doremus & Co., 44 Broad, New York, N. Y.
 Dorland Agency, Inc., 101 Park Ave., New York, N. Y.
 Ehlbert Advertising Service, 14 E. Jackson Blvd., Chicago, Ill.
ELLIOTT SERVICE CO., INC., 242-250 W. 55th, New York, N. Y.
 Erwin, Wasey & Co., Ltd., 230 No. Michigan Ave., Chicago, Ill.
 First National Advertising Service, 537 S. Dearborn, Chicago, Ill.
 Frank & Company, Albert, 165 Broadway, New York, N. Y.
 Gallard & Associates, W. J., Industrial Bldg., Newark, N. J.
 Hawk, C. Franklin, 33 Public Square, Cleveland, O.
 Hill Co., Inc., The Albert P., 233 Oliver Ave., Pittsburgh, Pa.
 The Houte Corporation, 3950 N. Lincoln Ave., Chicago, Ill.
 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.
 Inland Co., 608 S. Dearborn, Chicago, Ill.

ADVERTISING SERVICE—CONTINUED

Investment Advertising Co., 208 S. La Salle, Chicago, Ill.
 Jeffcott & Co., 421 Chestnut, Philadelphia, Pa.
 Ketchum, MacLeod & Grove, Inc., Koppers Bldg., Pittsburgh, Pa.
 Kinsley Service Inc., 103 E. 125th, New York, N. Y.
 Kiplinger Washington Agency, National Press Bldg., Washington, D. C.
 Kohl & Co., P. J., 230 W. Huron St., Chicago, Ill.
 Koss Co., Inc., O. A., 531 W. Larned, Detroit, Mich.
 Lord & Thomas and Logan, Offices at 919 N. Michigan Ave., Chicago, Ill.
 247 Park Ave., New York, N. Y.
 1151 S. Broadway, Los Angeles, Calif.
 225 Bush, San Francisco, Calif.
 400 Hibbs Bldg., Washington, D. C.
 Victoria Embankment, W. C. 2, London, Eng.
 Matthews Industries, Inc., 685 Mullett St., Detroit, Mich.
 McJunkin Adv. Co., 228 N. LaSalle, Chicago, Ill.
 Millett, Roe & Co., 120 Broadway, New York, N. Y.
 Morison, Francis R., Marshall Bldg., 11 Public Square, Cleveland, O.
 National Service Bureau of N. Y., Inc., P. O. Box 121, Middletown, N. Y.
 Parlette-Padget Co., 75 E. Wacker Drive, Chicago, Ill.
 Presbrey Co., Frank, 247 Park Ave., New York, N. Y.
 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., Tribune Tower, 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.
 Scovill Bros. & Co., Inc., 75 West St., New York, N. Y.
 Selling Aid, 6 N. Michigan Ave., Chicago, Ill.
 Simons, Harry C., Curren Arcade, Norristown, Pa.
 Smith Co., K. L., 1486 Union Tr. Bldg., Cleveland, Ohio.
 Speer Calendar Bank Co., 110 E. Wisconsin Ave., Milwaukee, Wis.
 Standard Christmas Club Co., 222 E. Superior, Chicago, Ill.
 Staples & Staples, Inc., 10 S. 10th, Richmond, Va.
 Street & Finney, Inc., 40 W. 40th, New York, N. Y.
 Stronghart Company, 2944 W. Lake, Chicago, Ill.
 Stuart Hooper Co., 5431 S. Wabash Ave., Chicago, Ill.
 Thompson Co., J. Walter, 420 Lexington Ave., New York, N. Y.
 Uncle Philander Publishing Co., Inc., 16 Westchester, New Rochelle, N. Y.
 Union Savings Systems Co., 131 N. Duke St., Lancaster, Pa.
 Weldon & Baldwin, Inc., 185 N. Wabash, Chicago, Ill.
 Wessell Co., 458 E. 30th, Chicago, Ill.
 Wessling Services, Lytton, Iowa.
 Wilson, Inc., Edwin Bird, 9 Hanover, New York, N. Y.; 208 S. La Salle St., Chicago, Ill.; Citiz. & Sou. Bk. Bldg., Atlanta, Ga.

ADVERTISING SPECIALTIES

(See Novelties, Advertising and Specific Headings)

11 ADVERTISING, STREET CAR

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

12 ADVERTISING, TRUST DEPARTMENT

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

Call's Bankers Service Corp., 321-327 Pear, Scranton, Pa.
 Hawk, C. Franklin, 33 Public Square, Cleveland, O.
 Inland Co., 608 S. Dearborn, Chicago, Ill.
 Koss Co., Inc., O. A., 531 W. Larned, Detroit, Mich.
 Purse Co., 435 Chestnut, Chattanooga, Tenn.
 Smith Co., K. L., 1486 Union Tr. Bldg., Cleveland, Ohio.
 Staples & Staples, Inc., 10 S. 10th, Richmond, Va.

13 ADVERTISING, WINDOW DISPLAY

Advertising Displays, Inc., 1129 Banklick, Covington, Ky.
 American Signs Corporation, 436 W. Willard, Kalamazoo, Mich.
 The Bankers Display Company, 305-307 Hydraulic Ave., South Bend, Ind.

Bankers Thrift Corp., 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.
 Financial Displays, Inc., 360 E. Grand, Chicago, Ill.
 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.
 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.
 Parlette-Padget Co., 75 E. Wacker Drive, Chicago, Ill.
 Scene in Action Corp., 1809 Indiana Ave., Chicago, Ill.
 Schaefer Ross Co., Inc., 86 North St., Rochester, N. Y.
 Smith Co., K. L., 1486 Union Tr. Bldg., Cleveland, Ohio.
 Spangler Mfg. Co., 160 N. Wells, Chicago, Ill.
 Spiegel Display Co., Inc., 4741 Ravenswood Ave., Chicago, Ill.
 Stronghart Company, 2944 W. Lake, Chicago, Ill.
 Thrift Service Co., 2128 Richland Ave., Cleveland, Ohio.
 Thrift Syndicate Co., 664 N. Michigan Ave., Chicago, Ill.
 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)

14 AGENCIES, BANK ADVERTISING

(See also Advertising Service)

Aitkin-Kynett Co., 1420 Walnut, Philadelphia, Pa.
 Armstrong Advertising Company, 332 S. Michigan, Chicago, Ill.
 Arndt & Co., John Falkner, 1401 Lewis Bldg., Philadelphia, Pa.
 Aubrey & Moore, Inc., 410 N. Michigan Ave., Chicago, Ill.
 Auspice-Lee-Harvey, 360 N. Michigan Ave., Chicago, Ill.
 Ayer & Son, Inc., N. W., W. Washington Sq., Philadelphia, Pa.
 Bates Advertising Agency, J. D., 1653 Main, Springfield, Mass.
 Batten, Barton, Durstine & Osborn, Inc., 383 Madison Ave., New York City.
 Bauerlein, Inc., 1027 Hibernia Bank Bldg., New Orleans, La.
 Baxter-Davis Advertising Co., 1004 Baltimore Ave., Kansas City, Mo.
 Beecher-Cale-Maxwell, Inc., 722 Chestnut, St. Louis, Mo.
 Bernstein & Livingston, Inc., 55 Sutter, San Francisco, Calif.
 Blackett-Sample-Humbert, Inc., 58 E. Washington, Chicago, Ill.
 Blackman Co., The, 122 E. 42nd, New York City.
 Blum Advertising Corp., Chas., 1120 Spruce, Philadelphia, Pa.
 Bozell & Jacobs, Inc., 510 Electric Bldg., Omaha, Nebr.
 Brandt Advertising Co., 435 N. Michigan Ave., Chicago, Ill.
 Brearly Service Organization, 1440 Broadway, New York City.
 Brisacher & Staff, Emil, Crocker Bldg., San Francisco, Calif.
 Brook, Smith & French, Inc., 82 Hancock Ave., E., Detroit, Mich.
 Buchanan-Thomas Advertising Co., 412 South 19th St., Omaha, Nebr.
 Buchen Company, The, 28 East Jackson Blvd., Chicago, Ill.
 Burnett-Kuhn Advertising Co., 520 N. Michigan Ave., Chicago, Ill.
 Campbell-Ewald Co., General Motors Bldg., Detroit, Mich.
 Caples Co., 2002 Grand Central Terminal, New York, N. Y.
 Chambers & Wiswell, Inc., 260 Tremont, Boston, Mass.
 Chandler Co., Inc., C. A., 35 Congress, Boston, Mass.
 Chappelow Advertising Co., 1709 Washington Ave., St. Louis, Mo.
 Cowan & Denger, Inc., 25 W. 45th, New York City.
 Critchfield & Co., 14 E. Jackson Blvd., Chicago, Ill.
 Doremus & Co., 44 Broad, New York City.
 Dorland Agency, Inc., 101 Park Ave., New York City.
 Dorrance Sullivan & Co., Inc., 130 W. 42d, New York City.

Dyer, Enzinger Co., 8 S. Michigan Ave., Chicago, Ill.
 Erwin, Wasey & Co., Ltd., 230 N. Michigan Ave., Chicago, Ill.
 Fecheimer, Frank & Spedden, Inc., 1224 Macca-bees Bldg., Detroit, Mich.
 Federal Advertising Agency, Inc., 6 East 39th, New York City.
 Fisher-Wilson Advertising Agency, 1627 Locust, St. Louis, Mo.
 Frank & Co., Inc., Albert, 165 Broadway, New York City.
 Freeze-Vogel-Crawford, Inc., 441 Broadway, Milwaukee, Wis.
 Fuller & Smith, Inc., 1501 Euclid Ave., Cleveland, Ohio.
 Gamble & Co., Ltd., 20 N. Wacker Drive, Chicago, Ill.
 Geare, Marston & Pilling, Inc., 1600 Arch, Philadelphia, Pa.
 Green & Van Sant Co., The, 207-218 Court Square Bldg., Baltimore, Md.
 Gundlach Advertising Co., 400 N. Michigan Ave., Chicago, Ill.
 Hanson Co., Inc., Jos. E., 85 Lincoln Park, Newark, N. J.
 Harrison-Guthrie Agency, 420 First Natl. Soo Line Bldg., Minneapolis, Minn.
 Hawley Advertising Co., Inc., 95 Madison Ave., New York City.
 Hill Co., Inc., Albert P., 233 Oliver Ave., Pittsburgh, Pa.
 Holden, McKinney & Clark, Inc., 2457 Woodward Ave., Detroit, Mich.
 Hoyt Company, Inc., Charles W., 11 E. 36th, New York City.
 Humphrey Co., H. B., 581 Boylston, Boston, Mass.
 Hutchins Advertising Co., Inc., 42 East Ave., Rochester, N. Y.
 Johnson, Read & Co., 222 W. Adams St., Chicago, Ill.
 Ketchum, MacLeod & Grove, Inc., 2020 Koppers Bldg., Pittsburgh, Pa.
 Kiernan & Co., Frank, 41 Maiden Lane, New York City.
 Kirkpatrick Advertising Service, W. S., 1115-20 American Bank Bldg., Portland, Ore.
 Landsheft Adv. Agency, 810 Liberty Bank Bldg., Buffalo, N. Y.
 Larcher-Horton Co., 44 Franklin, Providence, R. I.
 Lee Advertising Agency, Wilson H., 6 Church, New Haven, Conn.
 Livermore & Knight Co., 42 Pine, Providence, R. I.
 Lord & Thomas and Logan, Inc., 919 N. Michigan Ave., Chicago, Ill.
 McCann Co., The H. K., 285 Madison Ave., New York City.
 McJunkin Advertising Co., 228 N. La Salle, Chicago, Ill.
 McLain-Simpers Organization, 1411 Walnut, Philadelphia, Pa.
 Metropolitan Advertising Co. Inc., 111 Broadway, New York City.
 George Moll—Advertising, Ninth Bank Bldg., Kensington and Allegheny Aves., Philadelphia, Pa.
 Moore Co., The Kenneth W., 437-439 Broad Street Bank Bldg., Trenton, N. J.
 Moreland Co., The Chester C., 1029 Providence Bank Bldg., Cincinnati, Ohio.
 Murphy, Inc., Carroll Dean, 35 East Wacker Drive, Chicago, Ill.
 Nichols Co., Charles F. W., 14 E. Jackson Blvd., Chicago, Ill.
 O'Malley Adv. & Selling Co. Inc., 244 Washington, Boston, Mass.
 Oswald Advertising Agency, Inc., 1221 Integrity Bldg., Philadelphia, Pa.
 Penman & Parry, 2100 Fifth Ave., Seattle, Wash.
 Presbrey Co., Inc., Frank, 247 Park Ave., New York City.
 Queen Advertising-Merchandising, John W., 5 Park Square, Boston, Mass.
 Ring, Jr. Advertising Co., John, 211 N. 7th, St. Louis, Mo.
 Rose, Inc., Wm. Ganson, 3030 Euclid Ave., Cleveland, Ohio.
 Rudolph Guenther-Russell Law, Inc., 131 Cedar, New York, N. Y.
 Scovill Bros. & Co., 75 West, New York City.
 Smith Co., K. L., 1486 Union Tr. Bldg., Cleveland, Ohio.
 Staples & Staples, Inc., 10 So. 10th St., Richmond, Va.
 Stevens & Wallis, Inc., 45 West on So. Temple, Salt Lake City, Utah.
 Street & Finney, Inc., 40 West 40th, New York City.
 Stuart, C. R., 1403 Detwiler Bldg., Los Angeles, Calif.
 Thompson Co., J. Walter, 420 Lexington Ave., New York City.
 Vanderhoof & Company, 167 E. Ontario, Chicago, Ill.
 Vars, Inc., Addison, Graybar Bldg., New York City.
 Welton Advertising Agency, A. D., 844 Rush, Chicago, Ill.
 Wetherald, S. T., 80 Federal, Boston, Mass.
 Wilson, Inc., Edwin Bird, 9 Hanover, New York City, N. Y.; 208 S. La Salle, Chicago, Ill.; Citizens & Southern Bank Bldg., Atlanta, Ga.

15 AGENTS, NATIONAL BANK

The Kiplinger Washington Agency, National Press Bldg., Washington, D. C.
 Pratt & Sons, Inc., A. S., Wilkins Bldg., Washington, D. C.

16 AIR PURIFIERS

Gerdes, Theo. R. N., 105 Bank, New York, N. Y.

ALARMS

(See specific headings: Burglar Alarms; Fire Alarms)

ANNUNCIATORS

(See Supplies, Electrical)

17 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.

18 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., 327 S. La Salle, 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 & Co., Harry L., 225 N. Michigan Ave., Chicago, Ill.
 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., 180 W. Washington, 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.

19 ARCHITECTS AND BUILDERS

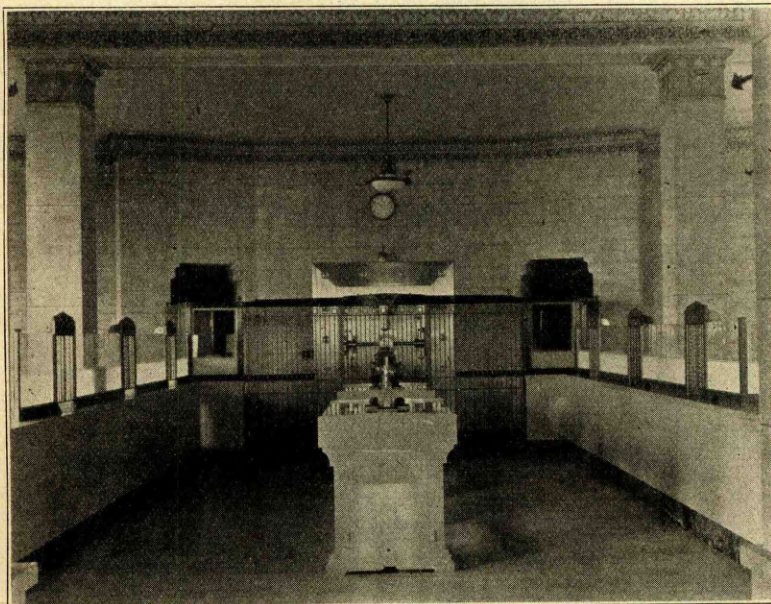
AMERICAN BANKBUILDING CONSTRUCTION CO.,
 1201 E. Georgia St., Indianapolis, Ind.

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.
 Ferguson Co., The H. K., Hanna Bldg., Cleveland, O.
 Hoggson Bros., 485 Fifth Ave., New York, N. Y.
 James Co., Thomas M., 3 Park, Boston, Mass.
 Lane & Co., Harry L., 225 N. Michigan Ave., Chicago, Ill.
 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.

20 ATLASES, COMMERCIAL

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



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.

B**21 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, Coshoc-ton, 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., 265 N. California, Chicago, Ill. (See our adv. on page 44.)

Shedd-Brown Mfg. Co., 319 5th Ave., So. Minne-apolis, Minn.

Spurgin Mfg. Co., 7011 Vincennes Ave., Chicago, Ill.
 Strayer Coin Bag Co., 1028 4th Ave., New Bright-on, 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.

22 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 Bright-on, 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)

23 BILL FOLDS

American Beauty Cover Co., 1900 Orange St., Dallas, Tex.
 Amity Leather Products Co., West Bend, Wis.
 Beach Leather Co., 1301 E. Walnut, Coshoc-ton, O.
 Buckeye Leather Co., 946 Chestnut, Coshoc-ton, O.
 Carrithers & 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., Coshoc-ton, 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, Hills-boro, Tex.
 Weinman Bros., 421 S. Wells, Chicago, Ill.
 Western Bank Supply Co., 382 Fifth St., Oakland, Calif.
 Young & Gardner Co., 655 S. Wells, Chicago, Ill.

BILLING MACHINES

(See Machines, Billing)

24 BINDERS, CHECK

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

Bankers Supply Co., 5950 S. State, Chicago, Ill.
 Burke Printing Co., Fredonia, Kan.
 DeLuxe Check Printers, Inc., 835 Orleans, Chicago, Ill.; 2531 University Ave., St. Paul, Minn.; 810 Baltimore Ave., Kansas City, Mo., and 205 E. St. Clair Ave., 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.

25 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.
 Buchan-White Loose Leaf Co., 1906 Pine, St. Louis, Mo.
 Burke Printing Co., Fredonia, Kans.
 Curtis 1000 Inc., 1000 University, St. Paul, Minn.
 Feldeo 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 & Sanson, Philadelphia, Pa.
 Le Febure Corporation, Cedar Rapids, Iowa.
 Lloyd Co., W. G., 626 S. Clark, Chicago, Ill.
 McDonald Ledger & Loose Leaf Co., 1809 Summer-dale, 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.

McBee 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, Mil-waukee, 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.

26 BINDERS, LOOSE LEAF, GRAVITY LOCK

McDonald Ledger & Loose Leaf Co., 1809 Summer-dale, Chicago, Ill.

Remington Rand Business Service, 465 Washing-ton, Buffalo, N. Y.

27 BINDERS, TICKET

Blaine Systems Co., 140 Glenridge Ave., Montclair, N. J.

The Globe-Wernicke Co., Carthage Ave., Cincin-nati, Ohio.

Hunt Co., C. E., 1805 Holden Court, Chicago, Ill.

28 BINDERS, TRANSFER

Adams Mfg. Co., Henry T., 8561 So. Chicago Ave., Chicago, Ill.

The Exline Co., 113 St. Clair Ave. N. E., Cleve-land, O.

The Globe-Wernicke Co., Carthage Ave., Cincin-nati, Ohio.

Joyce Filing Co., Edw. J., 56 W. Washington, Chicago, Ill.

Remington Rand Business Service, 465 Washing-ton, Buffalo, N. Y.

BINDING MACHINES

(See Machines, Binding)

BINDING STRAPS

(See Straps, Binding)

29 BLACKBOARDS

Davenport-Taylor Mfg. Co., 412 Orleans, Chicago, Ill.

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

30 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.
 Mackin Venetian Blind Co., 999 N. Greenwood Ave., Kankakee, Ill.

Watson Mfg. Co., Jamestown, N. Y.

Western Venetian Blind Co., General Office, 2700 Long Beach Ave., Los Angeles, Calif., New York, Atlanta, Memphis, Chicago, Birmingham, Bos-ton, Kansas City, Portland, Cleveland, Detroit, San Francisco, Seattle, Charlotte, N. C., New Orleans, Jacksonville, Fla., and Fresno.
 Wilson Corp., J. G., 11 E. 38th, New York, N. Y.

31 BLOTTERS, ADVERTISING

Bankers Thrift Corp., 2944 W. Lake, Chicago, Ill.
 Brown & Bigelow, Quality Park, St. Paul, Minn.
 Call's Bankers Service Corporation, 321-327 Pear, Scranton, Pa.

Cruver Manufacturing Co., 2456 W. Jackson Blvd., Chicago, Ill.

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.

Kemper-Thomas Co., Park Ave., Norwood, Ohio.
 Martin Co., The Frank, Marshall Bldg., Cleveland, Ohio.

Merchants Publishing Co., 412 W. Michigan Ave., Kalamazoo, Mich.

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., 636 S. Clark St., Chicago, Ill.

Simons, Harry C., Curren Arcade, Norristown, Pa.
 Strayer Coin Bag Co., 1028 4th Ave., New Bright-on, 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)

32 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, 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.)

33 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.

Cradleok Service, Inc., 716 Fourth Ave., S. Minne-apolis, Minn.

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

Dorland Agency, Inc., 101 Park Ave., New York.
 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, Indian-apolis, Ind.

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

Parlette-Padget Co., 75 E. Wacker Drive, 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.

34 BOOKS, BABY

American Beauty Cover Co., 1900 Orange, Dallas, Tex.

Baby Mine Co., 23 Division Ave., S., Grand Rapids, Mich.

35 BOOKS, BANKING AND BUSINESS

The Fritz-Cross Co., Guardian Life Bldg., 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.

36 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.

37 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.

38 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.
 Dow Co., Louis F., 2242 University Ave., St. Paul, Minn.
 Hall Co., J. C., 68 W. Exchange, Providence, R. I.
 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.
 Young & Selden Co., 224 N. Calvert, Baltimore, Md.

BOOKS, COMBINATION CHECK AND PASS

(See Books, Check)

BOOKS, EXPENSE

(See Stationers)

39 BOOKS, LOOSE LEAF

Curtis 1000 Inc., 1000 University, St. Paul, Minn.
 Horder's, Inc., 236 W. Lake, 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.

40 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, 421 S. Wells, Chicago, Ill.
 Wilson Memindex Co., 163 St. Paul, Rochester, N. Y.
 Young & Gardner Co., 655 S. Wells, Chicago, Ill.

BOOKS, PASS

(See Pass Books)

41 BOOTHS, TELEPHONE

Watson Mfg. Co., Jamestown, N. Y.

BOSTON LEDGERS

(See Ledgers, Boston)

42 BOXES, BOND

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

43 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.
 Formed Steel Cabinet & Equipment Co., 508 S. Dearborn, Chicago, Ill.
 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.

44 BOXES, CURRENCY

Formed Steel Cabinet & Equipment Co., 508 S. Dearborn, Chicago, Ill.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, Ohio.
 Lonson Mfg. Co., 180 E. 3d, St. Paul, Minn.
 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.

45 BOXES, DEPOSIT, SAFETY

Bank Vault Inspection Co., 5 S. 18th St., Philadelphia, Pa.
 Cary Safe Co., 1200 Niagara, Buffalo, N. Y.
 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.
 Meilink Steel Safe Co., Toledo, O.
 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.
 Stuart-Hooper Co., 5431 S. Wabash Ave., Chicago, Ill.
 Watson Mfg. Co., Jamestown, N. Y.
 York Safe & Lock Co., York, Pa.

46 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.

47 BOXES, FILING

Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Bankers Box Co., 536 S. Clark, Chicago, Ill.
 Beek 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.
 Macey Co., The., 1520 Division Ave. S., Detroit, Mich.
 Merriam Mfg. Co., Durham, Conn.
 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.

48 BOXES, FOLDING

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

49 BOXES, MESSENGER

Merriam Mfg. Co., Durham, Conn.

50 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.

51 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)

52 BROKERS, BANK

Walters Co., Chas. E., 1424 First Nat'l Bk. Bldg., Omaha, Neb.

53 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., 4740 N. Clark, Chicago, Ill.
 Coleman, Adelbert E., 336 W. 37th, Chicago, Ill.
 Flour City Ornamental Iron Co., 27th Ave. & 27th St., Minneapolis, Minn.
 Georgia Show Case Co., Montgomery, Ala.
 Illinois Bronze & Iron Works, 917 S. Kildare, Chicago, Ill.
 Imperial Brass Mfg. Co., 1200 Harrison, Chicago, Ill.

BRONZE, ARCHITECTURAL AND ORNAMENTAL
 —CONTINUED

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.
 Nachtgall 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., 2640-2648 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.

54 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., 4740 N. Clark, 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., 2640-2648 N. Maplewood Ave., Chicago, Ill.
 Safford Stamp Works, 205 W. Madison, Chicago, Ill.
 Stronghart Company, 2944 W. Lake, 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)

55 BULLETIN BOARDS

Brakmeier Bros., 112 S. 4th Ave., Louisville, Ky.
 Clark Mfg. Co., R. W., 4311 Ravenswood Ave., Chicago, Ill.
 Davenport-Taylor Mfg. Co., 412 Orleans, Chicago, Ill.
 General Outdoor Advertising Co., Inc., 1 Park Ave., New York, N. Y.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 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.
 Peoples Mfg. Co., 108 N. Jefferson, Chicago, Ill.
 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.

56 BURGLAR ALARMS

American District Telephone & Telegraph Co., 183 Varick, New York, N. Y.
 American Lock Works, First Nat'l Bk. Bldg., Ft. Dodge, Iowa.
 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.

57 BURGLAR ALARMS (GAS)

American Lock Works, First Nat'l Bk. Bldg., Ft. Dodge, Iowa.
 Diebold Safe & Lock Co., Canton, O.
 Federal Laboratories, Inc., 185 41st Street, Pittsburgh, Pa.

58 BURGLAR ALARM INSPECTION

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

BURGLAR-PROOF SAFES

(See Safes, Fire & Burglar-Proof)

BURGLARY INSURANCE

(See Insurance, Burglary)

59 BUTTONS, ADVERTISING

Aircraft 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.
 Follis Advertising Service, W. E., 159 N. State, Chicago, Ill.

C

60 CABINETS, COIN

Formed Steel Cabinet & Equipment Co., 508 S. Dearborn, Chicago, Ill.

61 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.

62 CABINETS, FILING

All-Steel-Equip Company, Aurora, Ill.
 Amberg File & Index Co., 1400 Fulton, Chicago, Ill.
 Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Automatic File & Index Co., 28 E. Jackson Blvd., Chicago, Ill.
 Edwards Co., Inc., O. M., Solar & Plum, Syracuse, N. Y.
 General Fireproofing Co., Youngstown, O.
 Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Grant & Co., H. R., 2322 Madison, Chicago, Ill.
 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 Washington, Buffalo, N. Y.
 Schwabacher-Frey Stationery Co., 735 Market, San Francisco, Cal.
 Shaw-Walker Co., Muskegon, Mich.
 Steel Equipment Corp., Avenel, N. J.
 Terrell 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.

63 CABINETS, LEDGER POSTING MACHINE

Automatic File & Index Co., 28 E. Jackson Blvd., 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 Summerdale, Chicago, Ill.
 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.

CABINETS, MAP
 (See Cabinets, Steel)

64 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., Cincinnati, O.
 Imperial Steel Cabinet Co., 2152 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 Washington, 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 St., Rochester, N. Y.

65 CABINETS, STORAGE

Automatic File & Index Co., 28 E. Jackson Blvd., 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., Cincinnati, O.
 Hart & Hutchison 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 Washington, 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 St., Rochester, N. Y.

66 CABINETS, TRAY

Automatic File & Index Co., 28 E. Jackson Blvd., 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 Washington, Buffalo, N. Y.
 Wagemaker Co., Grand Rapids, Mich.
 Watson Mfg. Co., Jamestown, N. Y.
YAWMAN & ERBE MFG. CO., 1099 Jay St., Rochester, N. Y.

67 CABINETS, TYPEWRITER

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

CABINETWORK

(See Woodwork)

CAGES, BANK

(See Grillwork)

CALCULATING MACHINES

(See Machines, Calculating)

68 CALCULATORS, TIME & INTEREST

Hughes Co., P. R., 1106 Adams, Toledo, O.
Meilicke Systems, Inc., 3466 N. Clark, Chicago, Ill.
Pre-calculated Business System Co., 406 S. Main, Los Angeles, Calif.
Robinsonian Interest Book Co., 545 Federal St., Chicago, Ill.
Twentieth Century Co., 542 S. Dearborn, Chicago, Ill.

CALENDAR DESK PADS

(See Pads, Desk, Calendar)

69 CALENDARS

The Adams-Lessack Co., 1507 Arch St., Philadelphia, Pa.
Advertising Specialty Co., 609 Ryan Bldg., St. Paul, Minn.
American Art Works, Inc., Coshocton, O.
American Calendar Co., Inc., Greenville, Tenn.
American-Canadian Maturity Guide, 1039-41 Gibson, Pittsburgh, Pa.
American Embossing Co., 196 Seneca, Buffalo, N.Y.
Bankers Printing Co., 836 Montgomery St., San Francisco, Calif.
Baumgarth Co., John, 1219 W. Washington Blvd., 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.)
Colson Co., U. O., Paris, Ill.
Columbian Art Works, Inc., 1024 Juneau, Milwaukee, Wis.
Coshocton Specialty Co., Coshocton, O.
Courier Journal Job Printing Co., 6-328 W 31. 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.
Lawrence & Co., B. E., 400 E. Ohio, 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 Publishing Co., 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 Prtg. Co., Fort Branch, Ind.
Terre Haute Adv. Co., 1317 Poplar, Terre Haute, Ind.
Texas Novelty Advertising Co., 117-119 S. Waco, Hillsboro, Texas.
Thrifty 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.

70 CALENDARS, DAILY DATE

(See also Calendars)

Joliet Calendar Co., Gardner, Joliet, Ill.
Messenger Publishing Co., 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.

71 CALENDARS, DESK

Bar-Trex Mfg. Co., 1813 Ave. D, Birmingham, Ala.
Brown & Bigelow, Quality Park, St. Paul, Minn.
Davenport-Taylor Mfg. Co., 412 Orleans, Chicago, Ill.
Follis Advertising Service, W. E., 159 N. State, Chicago, Ill.
Lawrence & Co., B. E., 400 E. Ohio, Chicago, Ill.
Messenger Publishing Co., 5932 Wentworth Ave., Chicago, Ill.
Metropolitan Calendar Press, 120 N. Jefferson, Chicago, Ill.
National Art Works, Inc., 710 Greer Ave., Covington, Ky.
Perfect Peerless Calendar Co., 203 S. Dearborn, Chicago, Ill.
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.
Watson Mfg. Co., 1000 Taylor, Jamestown, N. Y.

72 CALENDARS, MATURITY

American-Canadian Maturity Guide, 1039-41 Gibson, Pittsburgh, Pa.
Twentieth Century Co., 542 S. Dearborn, Chicago, Ill.

73 CAMERAS

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

CANCELLING MACHINES

(See Machines, Cancelling Check)

74 CAPS, ADVERTISING

(See also Novelities, Advertising)

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

CARD LEDGERS

(See Ledgers, Card)

CARD RECORDS, VISIBLE

(See Visible Records)

75 CARDS, GREETING

American Embossing Co., 196 Seneca, Buffalo, N. Y.
Bankers Printing Co., 836 Montgomery, San Francisco, Cal.
Baumgarth Co., John, 1219 W. Washington Blvd., 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. 2nd, 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)

76 CASES, CATALOGUE

Automatic File & Index Co., 28 E. Jackson Blvd., Chicago, Ill.
Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
Yawman & Erbe Mfg. Co., Rochester, N. Y.

77 CASES, NOTE, STEEL

All-Steel-Equip. Company, Aurora, Ill.
Art Steel Co., Inc., 401 W. 23d, New York, N. Y.
Formed Steel Cabinet & Eqt. Co., 508 S. Dearborn, Chicago, Ill.
General Fireproofing Co., Youngstown, Ohio.
The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
Kohlhaas Co., 183 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.

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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 With the perfect
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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.

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Skips are impossible.

No extra labor to endorse checks.

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 For check canceling
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 perforator.



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 “Self-repairing” Perforator

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THE AMERICAN PERFORATOR CO.
 Incorporated 1910
 Main Office & Works Eastern Sales & Service
 612 W. Jackson Blvd., 24 Thames Street
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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)

78 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.
 Swinney Prtg. Co., Fort Branch, Ind.
 Young & Selden Co., 224 N. Calvert, Baltimore, Md.

79 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.
 Safford Stamp Wks., 205 W. Madison, Chicago, Ill.

CHAIR PADS

(See Supplies, Bank & Office)

80 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.
 Do/More Chair Co., Elkhart, Ind.
 Johnson Chair Co., 4400 W. North, 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., 624 S. Michigan, 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.

81 CHAIRS, POSTURE

Do/More Chair Co., Elkhart, Ind.
 Sturgis Posture Chair Co., Sturgis, Mich.

82 CHAIRS, STEEL

Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Do/More Chair Co., Elkhart, Ind.
 Sturgis Posture Chair Co., Sturgis, Mich.
 Toledo Metal Furniture Co., 1100 Hastings, Toledo, O.
 Vitek Mfg. Co., 2606 St. Marys Ave., Omaha, Neb.

83 CHAIRS, STENOGRAPHERS' (STEEL)

Do/More Chair Co., Elkhart, Ind.
 Fritz-Cross Co., Guardian Life Bldg., St. Paul, Minn.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Sturgis Posture Chair Co., Sturgis, Mich.
 Toledo Metal Furniture Co., 1100 Hastings, Toledo, O.

CHANGEABLE SIGNS
 (See Signs, Changeable)

CHANGE MAKERS
 (See Coin Changers)

84 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)

85 CHECK DISPENSERS

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

86 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.
 Safford Stamp Works, 205 W. Madison, Chicago, Ill.

CHECK IMPRINTING

(See Checks)

87 CHECK LISTS, STOP-PAYMENT

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

88 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)

89 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.

CHECKWRITER
 (See Protectors, Check)

90 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., 835 Orleans, Chicago, Ill.; 2531 University Ave., St. Paul, Minn.; 810 Baltimore Ave., Kansas City, Mo.; 205 E. St. Clair Ave., 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.
Forman-Bassett Co., 9205 Detroit Ave., Cleveland, Ohio.
Ft. Wayne Ptg. Co., 119 Holman, Ft. Wayne, Ind.
HALL CO., J. C., 68 W. Exchange, Providence, R. I.
Hanson Co., C. H., 178 N. Clark, Chicago, Ill.
Hutson & Co., C. S., 555-561 S. San Pedro, Los Angeles, Calif.
Isler-Tompsett Litho. Co., 2940 Benton, St. Louis, Mo.
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 W. Shubert Ave., Chicago, Ill.
Pugh & Co., H. G., 1000 Center St., Little Rock, Ark.
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.
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.

CHECKS, DOOR
(See Door Closers)

91 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.
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.

92 CHEQUES, TRAVELERS'

American Express Co., 65 Broadway, New York, N. Y.
Bankers Trust Co., New York, N. Y.

93 CHESTS, STEEL

Bank Vault Inspection Co., 5 So. Eighteenth, Philadelphia, Pa.
Cary Safe Co., 1200 Niagara, Buffalo, N. Y.
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.
Nachteggall Mfg. Co., 237 S. Front, Grand Rapids, Mich.
National Safe & Lock Co., 2345 E. 69th, Cleveland, O.
St. Louis Bank Bldg. & Eqt. Co., 906 Sidney, St. Louis, Mo.
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)

94 CHRISTMAS MONEY CONTAINERS

American Embossing Co., 196 Seneca, Buffalo, N. Y.
HANDFORD BROWN CO., Coytesville-on-the-Hudson, N. J. (See our adv. on this page.)
Hockswender Co., B. H., 711 Penn Ave., Pittsburgh, Pa.
Inland Company, 608 S. Dearborn, Chicago, Ill.
Woodbury & Co., Inc., Chadwick Sq., Worcester, Mass.

95 CHRISTMAS SAVINGS

Andreasen Mfg. Co., 6647-6649 Oliphant Ave., Chicago, Ill.
Bankers Printing Co., 836 Montgomery, San Francisco, Cal.
Bankers Service Corp., 19 Warren, New York, N. Y.
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.
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, 222 Superior, Chicago, Ill.
Staples & Staples, Inc., 10 S. 10th, Richmond, Va.
The Tablet & Ticket Co., 1021 W. Adams, Chicago, Ill.
Thrift Press, The, 225 S. Church, Rockford, Ill.
Thrift Service Co., 2123 Richland Ave., Cleveland, Ohio.
Von Senden Co., Arthur, 316 Fourth Ave., Pittsburgh, Pa.

CLEANERS, MARBLE
(See Supplies, Janitors')

96 CLEANERS, POLISHED STEEL
Braeco-Oyle Co., 3363 Pleasant Ave., Hamilton, O.

97 CLEANERS, TYPEWRITER

Carter's Ink Co., 239 First, Cambridge, Mass.
Clartotype Company, Inc., 16 Hudson, New York, N. Y.
Sanford Ink Co., 846 W. Congress, Chicago, Ill.

98 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.

99 CLOCKS, COIN

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

100 CLOCKS, DESK

Acraft Manufacturing Co., 2448-56 W. 22d, Chicago, Ill.
Kastens, Henry, 418 W. 27th, New York, N. Y.
Thrift Systems Co., Inc., 31 Nassau, New York, N. Y.

101 CLOCKS, ELECTRIC
(See also, Clock Systems)

Duplex Electric Co., 71-73 Grand, New York, N. Y.
Howard Clock Co., E., 206 Eustis, Boston, Mass.

102 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.

103 CLOCKS, TIME

Thompson Time Stamp Co., Inc., The, 240 W. 23d, New York, N. Y.

104 CLOCKS, WATCHMAN'S

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

105 CLOTH, GUMMED

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

106 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)

COIN CABINETS
(See Cabinets, Coin)

107 COIN CHANGERS

Brandt Automatic Cashier Co., Watertown, Wis.
Coinometer Distributors, 810 Equitable Bldg., St. Louis, Mo.
Hedman Mfg. Co., 1158 Center, Chicago, Ill.
Hoefler Change-Maker Co., 3700 E. 12th, Kansas City, Mo.
Stuart-Hooper Co., 5431 S. Wabash Ave., Chicago, Ill.
Universal Stamping & Mfg. Co., 2839 N. Western Ave., Chicago, Ill.

HANDFORD BROWN CO., Inc.
Coytesville-on-the-Hudson
New Jersey



Manufacturers of
CHRISTMAS MONEY CONTAINERS EXCLUSIVELY

108 COIN COUNTING MACHINES

Abbott Coin Counter Co., 143d St. & Wales Ave., New York, N. Y.
 C. L. Downey Co., 941 Clark St., Cincinnati, Ohio.
 Jorgeson Mfg. Co., 3681 Gratiot Ave., Detroit, Mich.

STANDARD-JOHNSON CO., INC., 371 Pacific St., Brooklyn, N. Y. (See our adv. on this page.)

109 COIN FOLDERS

Hookswender Co., B. H., 711 Penn Ave., Pittsburgh, Pa.
 National Art Works, Inc., 710 Greer Ave., Covington, Ky.
 Smith-Brooks Ptg. Co., 1733-47 California, Denver, Colo.

110 COIN HOLDERS, METAL

Andreasen Mfg. Co., 6647-6649 Oliphant Ave., Chicago, Ill.

COIN TRAYS

(See Trays, Coin)

COIN WRAPPER CABINETS

(See Cabinets, Coin Wrapper)

COLLECTION SYSTEMS

(See Systems, Collection)

COMBINATION CHECK & PASS BOOK

(See Books, Check)

111 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)

112 COVERS, CHECK BOOK

American Beauty Cover Co., 1900 Orange, Dallas, Tex.

Beach Leather Co., 1301 E. Walnut, Coshocoon, O.
 Buckeye Leather Co., 946 Chestnut, Coshocoon, O.
 Buth & Co., Inc., W. F., 1005 University Ave., St. Paul, Minn.

Carrithers & Co., 128 N. Wells, Chicago, Ill.
 Coshocoon Specialty Co., Coshocoon, 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.

Feldeo 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.

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

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., Coshocoon, O.
 Northern Bank Note Co., 2340 N. Racine Ave., Chicago, Ill.

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.

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.

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

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.

Weinman Bros., 421 S. Wells, Chicago, Ill.

Young & Gardner Co., 655 S. Wells, 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.

113 COVERS, RADIATOR (STEEL)

Art Metal Products Co., 514 S. Green, Chicago, Ill.

CREDIT FILES

(See Files, Credit)

114 CUPS, DRINKING

Advertising Specialty Co., 609 Ryan Bldg., St. Paul, Minn.

Marshall-Jackson Company, 26 S. Clark, Chicago, Ill.

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

CURRENCY BOXES

(See Boxes Currency)

CUT FILES

(See Files, Cut)

115 CUTTERS, COUPON

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

D**DATING MACHINES**

(See Stamps, Dating)

116 DECORATORS, INTERIOR

Mount & Robertson, Inc., 62 Broad, New York, N. Y.

DEPOSIT BOXES, SAFETY

(See Boxes, Deposit, Safety)

DEPOSIT RECEIVING MACHINES

(See Machines, Deposit Receiving)

117 DESIGNERS, INTERIOR

(See also Architects & Builders)

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.

Nachtegall 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.

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

Watson Mfg. Co., Jamestown, N. Y.

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.

118 DESIGNERS, VAULT

(See also Vaults)

Bank Vault Inspection Co., 5 So. 18th, Philadelphia, Pa.

Consolidated Expanded Metals Companies, Steelcrete Bldg., Wheeling, W. Va.

Hollar Company, 111 S. 15th, Philadelphia, 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.

119 DESKS

(See also Furniture, Bank and Office)

Allen-Marshall Co., Ivan, 40 Marietta, Atlanta, Ga.

Automatic File & Index Co., 28 E. Jackson Blvd., 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.

Horne Desk & Fixture Co., Inc., 89 N. Pryor, Atlanta, Ga.

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.

Newman Mfg. Co., Cleneay Ave. & N. & W. R.R., Cincinnati, O.

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

The "Falls" Bookkeeping Desks

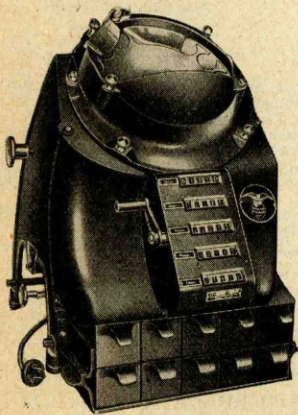
Desks That Make

Bookkeepers More Efficient

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2045 W. 103rd St.

CHICAGO



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

DESKS—CONTINUED

Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Stieck, Johnson Co., 1737 N. Paulina, Chicago, Ill.
 Steel Fixture Mfg. Co., E. 7th & Adams, Topeka, Kan.
 Stuart-Hooper Co., 5431 S. Wabash Ave., Chicago, Ill.
 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.

120 DESKS, BOOKKEEPERS'

Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Automatic File & Index Co., 28 E. Jackson Blvd., 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.
 Horder's, Inc., 236 W. Lake, Chicago, Ill.
 Jamestown Metal Equipment Co., Inc., 1088 Allen, Jamestown, N. Y.
 Le Februre 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 St., Rochester, N. Y.

121 DESKS, CARD RECORD

Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Automatic File & Index Co., 28 E. Jackson Blvd., 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 Februre 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.

122 DESKS, CHECK SORTING

Automatic File & Index Co., 28 E. Jackson Blvd., 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 Februre Corporation, Cedar Rapids, Ia.
 Mitchell Manufacturing Co., Robert, 2d & John, Cincinnati, O.
 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.

123 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.
 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.
 Le Februre Corporation, Cedar Rapids, Ia.
 Newman Mfg. Co., Cleoneay 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.
 Zimmerman Bros. & Co., 4020 Michigan Ave., Chicago, Ill.

124 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 Februre 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 St., Rochester, N. Y.

125 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 Februre Corporation, Cedar Rapids, Ia.

Marshall-Jackson Co., 26 S. Clark, Chicago, Ill.
 Newman Mfg. Co., Cleoneay 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.

126 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., 28 E. Jackson Blvd., 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 Februre 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.

127 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.

128 DEVICES, LOOSE LEAF

(See also Supplies, Loose Leaf and specific headings)
 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 Februre Corporation, Cedar Rapids, Ia.
 Lloyd Co., W. G., 626 S. Clark, Chicago, Ill.
 McDonald Ledger & Loose Leaf Co., 1809 Sumnerdale, 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.

129 DIARIES

National Blank Book Co., Riverside, Holyoke, Mass.
 The Shaw-Walker Co., Muskegon, Mich.
 Voss Company, The Herman, 603 E. Water, Milwaukee, Wis.

130 DICTAPHONE CYLINDERS

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

131 DICTAPHONES

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

DICTATING MACHINES

(See Machines, Dictating)

132 DIME SAVERS

HANDFORD BROWN CO., Coytesville-on-the-Hudson, N. J.

DIRECT MAIL ADVERTISING

(See Advertising, Direct Mail Material)

133 DIRECTORIES, BANKERS'

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

DIRECTORIES, BUILDING

(See Bulletin Boards)

134 DIRECTORIES, COMMERCIAL

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

135 DISPENSERS, CHECK & DEPOSIT

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

DISPENSERS, DRINKING CUP

(See Equipment, Bank & Office)

136 DISPENSERS, SOAP

Gerson-Stewart Corp., 3528 E. 76th, Cleveland, O.

137 DOOR CLOSERS

Corbin, P. & F., Park St., New Britain, Conn.
 Varnum Door Engine Co., 949 Venice Blvd., Los Angeles, Calif.
 Yale & Towne Mfg. Co., Stamford, Conn.

138 DOOR OPENERS, ELECTRIC

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

139 DOORS, FIRE

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

140 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., Cleoneay Ave. & N. & W. R. R., Cincinnati, O.

141 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., Cleoneay 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.

142 DOORS, REVOLVING

General Fireproofing Co., Youngstown, O.
 Newman Mfg. Co., Cleoneay 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.

143 DOORS, VAULT

(See also Vaults)
 Cary Safe Co., 1200 Niagara, Buffalo, N. Y.
 Cramer Brothers Safe Co., 1417 McGee, Kansas City, Mo.
 Diebold Safe & Lock Co., Canton, O.
 Dow Co., Louis F., 2242 University Ave., St. Paul, Minn.
 Gross-Feibel Co., Hillsboro, O.
 Herring-Hall-Marvin Safe Co., Grand Boulevard, Hamilton, O.
 Meilink Steel Safe Co., Toledo, Ohio.
 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.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 St. Louis Bank Bldg. & Eqt. Co., 906 Sidney, St. Louis, Mo.
 York Safe & Lock Co., York, Pa.

DRAFT AND NOTE RACKS

(See Racks, Draft & Note)

DRAFTS, BANK

(See Forms, Bank and Checks)

144 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)

DRINKING CUPS

(See Cups, Drinking)

145 DUPLICATORS

Addressograph-Multigraph Co., E. 40th & Kelley Ave., Cleveland, O.
 Beck Duplicator Co., 476 Broadway, New York, N. Y.
 Daus Duplicator Co., Inc., Felix F., 401 Broadway, New York, N. Y.
 Ditto, Inc., 2243 W. Harrison, Chicago, Ill.
 Gestetner Duplicator Corp., 125 Bloomfield Ave., Bloomfield, N. J.
 Hoyer Duplicator Co., Inc., 911 W. Jackson Blvd., Chicago, Ill.
 Multistamp Co., Norfolk, Va.
 Pittsburgh Typewriter & Supply Co., 339 Fifth Ave., Pittsburgh, Pa.
 Rotospeed Co., 5th & Wilkinsen, Dayton, O.

E

- 146 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.
 Stuart-Hooper Co., 5431 S. Wabash Ave., Chic, Ill.
 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.

- 147 EMPLOYMENT SERVICE, BANK**
 Walters Co., Chas. E., 1424 1st Nat'l Bk. Bldg., Omaha, Neb.

ENDORSERS, CHECK
 (See Check Endorsers)

- 148 ENGINEERS, EQUIPMENT**
 (See also Architects and Builders)
 Bond-Hubbard Co., 38 S. Dearborn, Chicago, Ill.
 Bruner & Simmons, Inc., 327 S. La Salle, 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.
 Lane & Co., H. L., 225 N. Michigan Ave., Chicago, Ill.
 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.
 St. Louis Bank Bldg. & Equipment Co., 906 Sidney, St. Louis, Mo.
 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 St., Rochester, N. Y.

- 149 ENGINEERS, INDUSTRIAL**
 Columbia Engineering & Management Corp., 61 Broadway, New York, N. Y.
 Dana, Harold A., 41 Park Row, New York, N. Y.
 Estes, Inc., L. V., 4753 Broadway, 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.

- 150 ENGINEERS, SAFE AND VAULT**
 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)

- 151 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 Clief 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.

- 152 ENGROSSERS**
 American Embossing Co., 196 Seneca, Buffalo, N. Y.

ENVELOPE SEALERS
 (See Machines, Sealing, Envelope)

- 153 ENVELOPES**
 American Fiber-Envelope 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., 309 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., 3026 Franklin Blvd., Chicago, Ill.
 Gulf Envelope Co., Brooks at Freeman, Houston, Tex.
 Hammerrill Paper Co., Erie, Pa.
HECO ENVELOPE CO., 4500 Cortland, Chicago, Ill. (See our adv. on page 29.)
 Hesse Envelope & Litho Co., 4175 N. Kings Highway, 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.
 Northern States Envelope Co., 180 E. 3d, St. Paul, Minn.
 Outlook Envelope Co., 1001 W. Washington Blvd., Chicago, Ill.
 Pavey Envelope & Tag Co., 36 Green, Newark, N. J.
 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.
 Swinney Prtg. Co., Fort Branch, Ind.
 The Todd Company, 1185 University Ave., Rochester, N. Y.
 Transo Envelope Co., 3542 N. Kimball, Chicago, Ill.
 United States Check Book Co., 1309 Howard, Omaha, Neb.
 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.

- 154 ENVELOPES, BANKING BY MAIL**
 Inland Company, 608 S. Dearborn, Chicago, Ill.
 Two-Way Envelope Co., 923 Leanington, Minneapolis, Minn.

- 155 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., 3026 Franklin Blvd., Chicago, Ill.
 Heco Envelope Co., 4500 Cortland, Chicago, Ill.
 Hesse Envelope & Litho. Co., 4175 N. Kings Highway, 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.

- 156 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., 309 E. Water, Milwaukee, Wis.
 Courier Journal Job Printing Co., 316-328 W. Liberty, Louisville, Ky.
 Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.

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 Gaw-O'Hara Envelope Co., 3026 Franklin Blvd., 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.

167 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.
 Chicago Envelope Co., 412 Cass, Chicago, Ill.
 Commercial Envelope Corporation, 3024 Lemp Ave., St. Louis, Mo.
 Corporation Coupon Envelope Co., 309 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.
 Northern States Envelope Co., 180 E. 3d, St. Paul, Minn.
 Security Envelope Co., 2900 Fifth Ave., Minneapolis, Minn.
 United States Check Book Co., 1309-1315 Howard, Omaha, Neb.

168 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.
 Northern States Envelope Co., 180 E. 3d, St. Paul, 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.

169 ENVELOPES, EXPANDING

American Fiber-Velope 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., 3026 Franklin Blvd., 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.
 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.

160 ENVELOPES, FILING

American Fibre-Velope Mfg. Co., 229 N. 63d, Philadelphia, Pa.
 Ames Safety Envelope Co., 55 Sudbury, Boston, Mass.
 Automatic File & Index Co., 28 E. Jackson Blvd., 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., 3026 Franklin Blvd., 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.
 Stuart-Hooper Co., 5431 S. Wabash Ave., Chicago, Ill.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

161 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.

162 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, Ill.
 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., 3026 Franklin Blvd., Chicago, Ill.
 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.
 Keystone Envelope Co., 427 Moyer, Philadelphia, Pa.
McGILL PAPER PRODUCTS, Inc., 501 Seventh Ave., So., Minneapolis, Minn.
 Northern States Envelope Co., 180 E. 3d, St. Paul, 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.

163 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, Ill.
 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., 3026 Franklin Blvd., 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.

NEED ENVELOPES?

Write

HECO

HECO ENVELOPE COMPANY-4500 CORTLAND ST., CHICAGO

164 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.

165 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, Pa.
 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., 3026 Franklin Blvd., Chicago, Ill.
 Heco Envelope Co., 4500 Cortland, Chicago, Ill.
 Hesse Envelope & Litho. Co., 4175 N. Kings Highway, St. Louis, Mo.
 Keystones Envelope Co., 427 Moyer, Philadelphia, Pa.
McGILL PAPER PRODUCTS, Inc., 501 Seventh Ave., So., Minneapolis, Minn.
 Northern States Envelope Co., 180 E. 3d, St. Paul, 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.

166 ENVELOPES, WINDOW

Berkowitz Envelope Co., 19th & Campbell, Kansas City, Mo.
 Outlook Envelope Co., 1001 W. Washington Blvd., Chicago, Ill.
 Stuart-Hooper Co., 5431 S. Wabash Ave., Chicago, Ill.
 Transo Envelope Co., 3542 N. Kimball, Chicago, Ill.

167 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 Bank Supply Co., 628 N. Illinois, 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.
 Buffalo Wire Works Co., Inc., 577 Terrace, Buffalo, N. Y.
 Canton Art Metal Co., 2820 Winfield Way, N. E., Canton, O.
 Chicago Architectural Bronze Co., 4740 N. Clark, 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.
 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.
 Farber, Inc., S. W., 141-151 S. 5th, Brooklyn, N. Y.
 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., 844 Rush, Chicago, Ill.
 Invincible Metal Furniture Co., Manitowoc, Wis.
 Jamestown Metal Equipment Co., Inc., 1088 Allen, Jamestown, N. Y.
 Joplin Printing Co., Inc., The, 509 Joplin, Joplin, Mo.
 Le Febure Corporation, Cedar Rapids, Ia.
 Lloyd Co., W. G., 626 S. Clark, Chicago, Ill.
 Macey Co., The, 1520 Division Ave., S., Grand Rapids, Mich.
 Mailander & Co., 601 Jackson, Waco, Tex.
 McBee Binder Co., Smith St., Athens, Ohio.
 Metal Office Furniture Co., Grand Rapids, Mich.
 Monroe Calculating Machine Co., Inc., 555 Mitchell, Orange, N. J.
 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.
 National Blank Book Co., Riverside, Holyoke, Mass.
NEWMAN MFG. CO., Cleneay Ave. & N. & W. R. R., Cincinnati, O.
 Office Systems Co., 548 Main, Cincinnati, O.
 Ohmer, Inc., A. A. & R. F., 113 N. Jefferson St., Dayton, O.
 Orthwine, R., 344 W. 34th, New York, N. Y.
 Polar Mfg. Co., 119-25 N. 4th, Philadelphia, Pa.
REMINGTON RAND BUSINESS SERVICE, Buffalo, N. Y.
 Schenck & Williams, 1406 Third N. Bldg., Dayton, Ohio.
 The Shaw-Walker Co., Muskegon, Mich.
 St. Louis Bank Bldg. & Eqt. Co., 906 Sidney, St. Louis, Mo.
 Standard Printing Co., 201-205 N. 3d, Hannibal, Mo.
 Stationers Loose Leaf, 350 Broadway, Milwaukee, Wis.
 Steel Fixture Mfg. Co., E. 7th & Adams, Topeka, Kan.
 Stiles Co., Geo. W., 664 N. Michigan Ave., Chicago, Ill.
 Uffinger, Foster & Bookwalter, Inc., 221 W. 57th, New York, N. Y.
 United States Check Book Co., 1309 Howard, Omaha, Neb.
 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 St., Rochester, N. Y.

EQUIPMENT ENGINEERS

(See Engineers, Equipment)

168 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.
 Automatic File & Index Co., 28 E. Jackson Blvd., 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.
 Commercial Lithographing Co., 825 W. Market, Louisville, Ky.
 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.
 Findex Co., 1560 W. Pierce, Milwaukee, Wis.
 General Fireproofing Co., Youngstown, Ohio.
 Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Interior Metal Equipment Co., 844 Rush St., Chicago, Ill.
 Invincible Metal Furniture Co., Manitowoc, Wis.
 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.
 Melink 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.
 Preslett Engineering Corp., 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.
 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 St., Rochester, N. Y.

169 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 Washington, Buffalo, N. Y.
 Richmond & Backus Co., Woodward and Congress, Detroit, Mich.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

EQUIPMENT, METAL, FILING

(See Equipment, Filing)

170 EQUIPMENT, STORAGE

All-Steel-Equip. Company, Aurora, Ill.
 Art Steel Co., Inc., 401 E. 23d, New York, N. Y.
 Automatic File & Index Co., 28 E. Jackson Blvd., 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., Cincinnati, O.
 Hart & Hutchinson Co., New Britain, Conn.
 Kay-Dee Co., 3644 S. 36th, Lincoln, Neb.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Terrells Equipment Co., Grand Rapids, Mich.
 Weis Mfg. Co., Union, Monroe, Mich.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

171 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.
 Cary Safe Co., 1200 Niagara, Buffalo, N. Y.
 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.
 Dow Co., Louis F., 2242 University Ave., St. Paul, Minn.
 Edwards Co., Inc., O. M., Solar & Plum, Syracuse, N. Y.
 Formed Steel Cabinet & Equipment Co., 508 S. Dearborn, Chicago, Ill.
 General Fireproofing Co., Youngstown, Ohio.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Herring-Hall-Marvin Safe Co., Grand Blvd., Hamilton, Ohio.
 Interior Metal Equipment Co., 844 Rush, 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.
 Nachtgall 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 Washington, Buffalo, N. Y.
 St. Louis Bank Bldg. & Eqt. Co., 906 Sidney, St. Louis, Mo.
 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)

172 EYELET MACHINES AND EYELETS

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

F**173 FASTENERS, PAPER**

American Clip Co., Beebe Ave. & William, Long Island City, N. Y.
 Bates Mfg. Co., Orange, N. J.
 Clark, Jr., Horace F., Investment Bldg., Washington, D. C.
 Eveready Mfg. Co. of Boston, 50 Church, New York, N. Y.
 Hotchkiss Sales Co., 10 Hoyt, Norwalk, Conn.
 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 Washington, Buffalo, N. Y.
 Sibley Mfg. Co., Edw. L., Bennington, Vt.

FILES

(See Specific Headings)

174 FILES, CARD INDEX

Acme Card System Co., 8 S. Michigan, Chicago, Ill.
 Amberg File & Index Co., 1400 Fulton, Chicago, Ill.
 Automatic File & Index Co., 28 E. Jackson Blvd., Chicago, Ill.
 Berger Mfg. Co., 1038 Belden Ave., Canton, O.
 Buchan-White Loose 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 Washington, 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.
 Weis Mfg. Co., Union, Monroe, Mich.
 Wilson Memindex Co., 163 St. Paul, Rochester, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

175 FILES, CENTRAL

Acme Card System Co., 8 S. Michigan, Chicago, Ill.
 Amberg File & Index Co., 1400 Fulton, Chicago, Ill.
 Automatic File & Index Co., 28 E. Jackson Blvd., 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, Ohio.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Le Febure Corporation, Cedar Rapids, Ia.
 Metal Office Furniture Co., Grand Rapids, Mich.
 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.
 Shaw-Walker Co., Muskegon, Mich.
 Watson Mfg. Co., Jamestown, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

176 FILES, CHECK

Amberg File & Index Co., 1400 Fulton, Chicago, Ill.
 Automatic File & Index Co., 28 E. Jackson Blvd., 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.
 Formed Steel Cabinet & Equipment Co., 508 S. Dearborn, Chicago, Ill.
 General Fireproofing Co., Youngstown, Ohio.
 Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Horder's, Inc., 236 W. Lake, 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 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 St., Rochester, N. Y.

177 FILES, CORRESPONDENCE

Allen-Marshall Co., Ivan, 40 Marietta, Atlanta, Ga.
 Amberg File & Index Co., 1400 Fulton, Chicago, Ill.
 Automatic File & Index Co., 28 E. Jackson Blvd., 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, Robbinsdale, 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 Washington, 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., Rochester, N. Y.

178 FILES, CREDIT

Acme Card System Co., 8 S. Michigan, Chicago, Ill.
 Amberg File & Index Co., 1400 Fulton, Chicago, Ill.
 Automatic File & Index Co., 28 E. Jackson Blvd., 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 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.

179 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.

180 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.

181 FILES, DESK DRAWER

American Clip Co., Beebe Ave. & William, Long Island City, N. Y.
 Automatic File & Index Co., 28 E. Jackson Blvd., 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.

182 FILES, DOCUMENT

(See also Files, Steel)

Art Steel Co., Inc., 401 E. 23d, New York, N. Y.
 Automatic File & Index Co., 28 E. Jackson Blvd., 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.
 Stuart-Hooper Co., 5431 S. Wabash Ave., Chicago, Ill.
 Watson Mfg. Co., Jamestown, N. Y.
 Weis Mfg. Co., Union, Monroe, Mich.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

183 FILES, SIGNATURE

Acme Card System Co., 8 S. Michigan, Chicago, Ill.
 Automatic File & Index Co., 28 E. Jackson Blvd., 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.

184 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.
 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 St., Rochester, N. Y.

185 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.

186 FILES, WOOD

Automatic File & Index Co., 28 E. Jackson Blvd., 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.
 Wagemaker Co., Grand Rapids, Mich.
 Weis Mfg. Co., Union, Monroe, Mich.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

FILMS, MOTION PICTURE

(See Advertising, Motion Picture)

187 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 Jay St., Rochester, N. Y.

188 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.

189 FIREARMS

(See also Revolvers)

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.
 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.

190 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)

191 FIXTURES, BANDIT RESISTANT

National Bank Construction Co., 320 N. 4th, St. Louis, Mo.
 Wise Co., Inc., The J. H., 911 Syndicate Trust Bldg., St. Louis, Mo.

192 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.
 Angle Steel Stool Co., Inc., Plainwell, Mich.
 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.
 Carthage Marble Corporation, P. O. Drawer 612, Carthage, Mo.
 Chicago Architectural Bronze Co., 4740 N. Clark, Chicago, Ill.
 Circle A. Products Corp., 613 S. 25th, New Castle, Ind.
 Claus Mfg. Co., A., 5250 Brookpark Rd., Cleveland, Ohio.
 Coleman, Adelbert E., 336 W. 37th, Chicago, Ill.
 Collins Safe & Fixture Co., 513 W. Main, W. D., Denison, Tex.
 Davidson & Co., J. L., 632-48 Mateo, Los Angeles, Calif.
 Doubleday Bros. & Co., 241 E. Michigan Ave., Kalamazoo, Mich.
 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.
 Fisher Co., Charles City, Iowa.
 Flour City Ornamental Iron Co., 27th Ave. & 27th St., Minneapolis, Minn.
 General Fireproofing Co., Youngstown, O.
 Georgia Marble Co., Tate, Ga.
 Georgia Show Case Co., Montgomery, Ala.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Grammes & Sons, L. F., Allentown, Pa.
 Guth Co., Edwin F., 2615 Washington Ave., St. Louis, Mo.
 Houston Show Case & Mfg. Co., Center & Harvard, Houston, Tex.
 Interior Metal Equipment Co., 844 Rush St., Chicago, Ill.
 Inter Ocean Cabinet Co., 326 S. Paulina, Chicago, Ill.
 Jamestown Metal Equipment Co., Inc., 1088 Allen, Jamestown, N. Y.
 Kawneer Co., Front St., Niles, Mich.
 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-Davis Co., 219 S. 4th, Minneapolis, Minn.
 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. E., Cincinnati, O.
 Ohmer, Inc., Alfred A. & Robert F., 113 N. Jefferson St., Dayton, O.
 Oregon Brass Works, 2d & Everett, Portland, Ore.
 Poole, John, Care Federal American Natl. Bank, 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.
 Stiles & Co., 664 N. Michigan Ave., Chicago, Ill.
 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.

193 FIXTURES, LIGHTING

Biddle-Gaumer Company, 3846 Lancaster Ave., Philadelphia, Pa.
 Cassidy Co., Inc., 101 Park Ave., New York, N. Y.
 Curtis Lighting, Inc., 1119 W. Jackson, Chicago, Ill.
 Danne, Harold A., 41 Park Row, New York, N. Y.
 Faries Mfg. Co., 1036 E. Grand Ave., Decatur, Ill.
 Frink Co., Inc., 239 Tenth Ave., New York, 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.
 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.
 Newman Mfg. Co., Cleneay Ave. & N. & W. R. R., Cincinnati, O.
 Ohmer, Inc., A. A. & R. F., 113 N. Jefferson St., Dayton, O.
 Pearlman & Co., S. Victor, 533 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.

194 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.
 Mead Equipment Co., Huntington, W. Va.
 National Assn. of Marble Dealers, Rockefeller Bldg., Cleveland, O.
THE NEWMAN MFG. CO., Cleneay Ave. & N. & W. R. E., Cincinnati, O.
 Ohmer, Inc., Alfred A. & Robt. F., 113 N. Jefferson, Dayton, O.
 Phenix Marble Co., 609 Scarritt Bldg., Kansas City, Mo.
 Williams, Inc., Jno., 542 W. 27th, New York, N. Y.

FIXTURES, WOOD

(See Woodwork; also Fixtures, Bank & Office)

FOLDERS, COIN

(See Coin Folders)

195 FOLDERS, FILING

(See also Envelopes and Supplies, Filing)
 Ames Safety Envelope Co., 55 Sudbury, Boston, Mass.
 Bushnell Co., Alvah, 13th & Wood, Philadelphia, Pa.
 General Fireproofing Co., Youngstown, O.
 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.
 Stuart-Hooper Co., 5431 S. Wabash Ave., Chicago, Ill.
 Wagemaker Co., Grand Rapids, Mich.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

FOLDING MACHINES

(See Machines, Folding)

196 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., 236 W. Lake, Chicago, Ill.
 Le Febure Corp., Cedar Rapids, Iowa.
 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.

197 FORMS, BANK

(See also Stationers and specific headings)
 American Banking Machine Corporation, 207 Eddy Bldg., Saginaw, Mich.
 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 Bldgett 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-Bldgett 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.
 Foote & Davies Co., Edgewood & Pryor, Atlanta, Ga.
 Forman-Bassett Co., 9205 Detroit Ave., Cleveland, Ohio.
 Ft. Wayne Printing Co., 119-130 Holman, Ft. Wayne, Ind.
 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., 236 W. Lake, Chicago, Ill.
 Hutson & Co., C. S., 555-561 San Pedro, Los Angeles, Cal.
 Irwin-Hodson Co., 115 N. 15th, Portland, Ore.
 Isler-Tompsett Lithographing Co., 2940 Benton, St. Louis, Mo.
 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.
 Long Island Printing & Lithographing Co., Inc., 137 Jackson, Hempstead, N. Y.
 Mann Co., Wm., 529 Market, Philadelphia, Pa.
 Martell Co., A. E., Congress St., Keene, N. H.
 Master-Craft Corp., 825 Cobb, Kalamazoo, Mich.
 McCaskey Register Co., Rush St., Alliance, O.
 Moore Corp., John C., 65 Stone, Rochester, N. Y.
 National Blank Book Co., Riverside, Holyoke, Mass.
 Northern Bank Note Co., 2340 N. Racine, 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.
 Safford Stamp Works, 205 W. Madison, Chicago, Ill.
 Schwabacher-Frey Sta. Co., 735 Market, San Francisco, Cal.
 Sebastian & Co., 224 N. Desplaines, Chicago, Ill.
 Shelby Salesbook Co., The, Shelby, O.
 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
 Zimmerman Bros. & Co., 4020 Michigan Ave., Chicago, Ill.

198 FORMS, BANKING-BY-MAIL

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

199 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.

200 FORMS, CARD

(See also Systems, Filing, Card)

Acme Card System Co., 8 S. Michigan, Chicago, Ill.
 Automatic File & Index Co., 28 E. Jackson Blvd., Chicago, Ill.
 Buchan-White Loose Leaf Co., 1906 Pine, St. Louis, Mo.
 General Fireproofing Co., Youngstown, O.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Le Febure Corporation, Cedar Rapids, Ia.
 Macey Co., The, 1520 Division Ave., S., Grand Rapids, Mich.
 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 St., Rochester, N. Y.

201 FORMS, CONTINUOUS

American Sales Book Ltd., Elmira, N. Y.
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 Summerville, Chicago, Ill.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 The Shaw-Walker Co., Muskegon, Mich.
 The Shelby Salesbook Co., Shelby, Ohio.
 Vawter Manifold Co., Benton Harbor, Mich.

202 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., 236 W. Lake, 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 Summerville, 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.
 Shelby-Salesbook Co., The, Shelby, O.
 Tallman Robbins & Co., 314 W. Superior, Chicago, Ill.
YAWMAN & ERBE MFG. CO., 1099 Jay St., Rochester, N. Y.

203 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 Prtg. Co., Fort Branch, Ind.
YAWMAN & ERBE MFG. CO., 1099 Jay St., Rochester, N. Y.

204 FORMS, LOOSE LEAF

American Sales Book Co., Ltd., Elmira, N. Y.
 Cokrum 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., 236 W. Lake, Chicago, Ill.
 Kennedy Printing Co., 609-611 Monroe, Fredonia, Kan.
 Leaf (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 Summerville, 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 St., Rochester, N. Y.

205 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., 236 W. Lake, 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 Summerville, 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 St., Rochester, N. Y.

206 FORMS, RUBBER STAMP

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

FORMS, SAVINGS DEPARTMENT

(See Forms, Bank)

207 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)

208 FRAMES, POSTER

Blodgett Co., Harvey, 551 5th Ave., New York, N. Y.
 Davenport-Taylor Mfg Co., 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.

209 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, 628 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., 28 E. Jackson Blvd., 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.
 The Joplin Printing Co., Inc., 509 Joplin, Joplin, Mo.
 Karpen & Bros., S., 801 Wabash Ave., Chicago, Ill.
 Krueger Mfg. Co., 1316 Lakewood Ave., Atlanta, Ga.
 Le Febure Corporation, Cedar Rapids, Ia.
 Lyon Metal Products, Inc., Aurora, Ill.
 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, 624 S. Michigan Ave., Chicago, Ill.
NEWMAN MFG. COMPANY, Cleaneay 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.
 Southern States Ptg. Co., Inc., 117 So. Hill St., Griffin, Ga.
 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 St., Rochester, N. Y.

FURNITURE, MARBLE

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

210 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., 844 Rush, Chicago, Ill.
 Invincible Metal Furniture Co., Manitowoc, Wis.
 Jamestown Metal Equipment Co., Inc., 1088 Allen, Jamestown, N. Y.
 Le Febure Corporation, Cedar Rapids, Ia.
 Lyon Metal Products, Inc., Aurora, Ill.
 Macey Co., The, 1520 Division Ave., S., Grand Rapids, Mich.
 Metal Office Furniture Co., Grand Rapids, Mich.
 Newman Mfg. Co., Cleaneay 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)

UNIT ACCOUNTING
 GILMAN FANFOLD CORPORATION, LTD.


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GILMAN FANFOLD CORPORATION, Ltd.
 NIAGARA FALLS, N. Y.

G

211 GLASS, BULLET-PROOF
 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)

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

213 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)

214 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., 4740 N. Clark, Chicago, Ill.
 The A. Claus Mfg. Co., 5250 Brookpark Rd., Cleveland, O.
 Coleman, Adelbert E., 336 W. 37th, Chicago, Ill.
 Davidson Co., J. L., 632-648 Mateo, Los Angeles, Cal.
 Flour City Ornamental Iron Co., 27th Ave. and 27th, Minneapolis, Minn.
 General Fireproofing Co., Youngstown, Ohio.
 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.
 Nachteggall Mfg. Co., 237-45 S. Front, Grand Rapids, Mich.
NEWMAN MFG. CO., Cleaneay 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.
 St. Louis Bank Bldg. & Eqt. Co., 906 Sidney, St. Louis, Mo.
 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.
 Van Dorn Iron Works Co., 2685 E. 79th, Cleveland, Ohio.
 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.

215 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.
 Mohler, A., 416 S. Dearborn, 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

216 HEKTOGRAPHS
 (See also Duplicators)
 Heyer Duplicator Co., Inc., 911 W. Jackson Blvd., Chicago, Ill.

HOLDERS, COIN, PASTEBOARD
 (See Coin Folders)

HOLDERS, LOOSE LEAF
 (See Binders, Loose Leaf and Supplies, Loose Leaf)

217 HOLDERS, RUBBER STAMP
 Safford Stamp Works, 205 W. Madison, Chicago, Ill.

218 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)

219 HOUSE ORGANS
 (See also Booklets, Advertising)
 Bauder-Baker, 225 N. Michigan Ave., Chicago, Ill.
 Craddock Service, Inc., 716 4th Ave., Minneapolis, Minn.
 Investment Advertising Co., 208 S. La Salle, Chicago, Ill.
 Levey Printing Co., State House Square, Indianapolis, Ind.
 Selling Aid, 6 N. Michigan Ave., Chicago, Ill.

HUSH-A-PHONES
 (See Telephone Attachments)

I

IDENTIFICATION APPARATUS
 (See Finger Print Outfits)

INCOME TAX SERVICE
 (See Service, Tax)

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

INDEXES, CARD
 (See Files, Card Index)

221 INDEXES, TELEPHONE
 Bates Mfg. Co., Orange, N. J.
 Kohl & Co., P. J., 224-230 Huron, Chicago, Ill.
 Pressteel 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.

222 INDEXING SERVICE
 Aluminum Index Co., Edgewater, N. J.
 Conway Co., H. H., 725 S. Wells, Chicago, Ill.
 Le Febure Corp., Cedar Rapids, Iowa.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

INDUSTRIAL ENGINEERS
 (See Engineers, Industrial)

223 INDUSTRIAL SAVINGS
 American Banking Machine Corp., 207 Eddy Bldg., Saginaw, Mich.
 American Beauty Cover Co., 1900 Orange, Dallas, Tex.
 Chicago Service Corp., 6725 Stony Island Ave., Chicago, Ill.

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

225 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.
 Scripex 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.

226 INKS, DUPLICATING
 Arlac 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.
 Duplico 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.

227 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.

228 INKSTANDS
 Keller Ink Co., Robert, 1441 Brooklyn Ave., Detroit, Mich.
 Lewis Ball Bearing Inkwell Co., Paulding, O.
 Rehberger Mfg. Co., 1217 Webster Ave., Chicago, Ill.
 Sengbush 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)

229 INSURANCE, BURGLARY
 American Surety Co., 100 Broadway, New York, N. Y.

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

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

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

233 INSURANCE, PLATE GLASS
 American Surety Co., 100 Broadway, New York, N. Y.

234 INTER-COMMUNICATING TELAUTOGRAPHS
 Telautograph Corp., 16 W. 61st, New York, N. Y.

INTER-COMMUNICATING TELEPHONES
 (See Telephones, Inter-Communicating)

235 INTEREST TABLES & INTEREST CALCULATORS

Meilicke Systems, Inc., 3464 N. Clark St., Chicago, Ill.
TWENTIETH CENTURY CO., 542 So. Dearborn St., Chicago, Ill. (See our adv. on this page.)

236 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., 4740 N. Clark, Chicago, Ill.
The A. Claus Mfg. Co., 5250 Brookpark Rd., Cleveland, O.
Coleman, Adelbert E., 336 W. 37th, Chicago, Ill.
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., Cleveay Ave., & N. & W. R. R., Cincinnati, Ohio.
Ohmer, Inc., A. A. & R. F., 113 N. Jefferson, Dayton, O.
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.

J

237 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.

JANITORS' SUPPLIES

(See Supplies, Janitors')

K

KODAKS

(See Cameras)

L

238 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.
Pavey 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.

239 LAMPS, DESK

Aladdin Mfg. Co., 18th & Hackley, Muncie, Ind.
Curtis Lighting, Inc., 1119 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 Co., Inc., 239 Tenth Ave., New York, 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.
Pearlman & Co., Victor S., 533 S. Wabash, Chicago, Ill.
Westinghouse Lamp Co., 150 Broadway, New York, N. Y.

240 LAWS, BANKING

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

241 LEATHER GOODS

Advertising Specialty Co., 609 Ryan Bldg., St. Paul, Minn.
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.
Murphy Co., The, Thos. D., 110 S. 2nd St., Red Oak, Iowa.
National Bank Supply Co., Inc., 60 Spring St., New York, N. Y.
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 Cleff Lithographing Co., 2708-2712 Wabash Ave., Chicago, Ill.
Weinman Bros., 421 S. Wells, Chicago, Ill.
Zell, Inc., D. H., 536 Broadway, New York, N. Y.

LEATHER NOVELTIES

(See Leather Goods, also Novelties, Advertising)

242 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.

243 LEDGERS, CARD

Amberg File & Index Co., 1400 Fulton, Chicago, Ill.
Automatic File & Index Co., 28 E. Jackson Blvd., 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.

244 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.

245 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.
Mohler, A., 416 S. Dearborn, 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.

246 LEGAL SERVICE

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

LETTERHEADS, EMBOSSED

(See Embossing)

247 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.

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 1/2, 3 1/2, 4, 4 1/2, 5, 5 1/2, 6, 6 1/2, 7, 7 1/2, 8, and 9%.
Universal Interest Tables 22 different rates, 1/8% to 12%.

We have every kind of Interest Table published. Will send on approval.
Also, we make up special Interest Tables as required, Charts on card board, or books. Write us.

THE TWENTIETH CENTURY COMPANY
542 S. Dearborn St. CHICAGO

ROBINSONIAN INTEREST TABLES

248 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.
PEERLESS LITHOGRAPHING CO., 4313 Diversey, Chicago, Ill. (See our adv. on this page)
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.
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)

249**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.

250**LETTER OPENERS**

Acraft 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.

251**LETTER OPENERS (AUTOMATIC)**

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

252**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.

253**LETTERS, GUMMED PAPER**

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

LIGHTING SYSTEMS

(See Fixtures, Lighting)

254**LININGS, VAULT**

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

255**LININGS, VAULT (ELECTRIC)**

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

256**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.

257**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., 628 N. Illinois, Indianapolis, Ind.
Barnard Stationery Co., Geo. D., Vandeventer & Laedle 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., 2531 University Ave., St. Paul, Minn.
Dodsworth Stationery Co., Sam'l, 412-414 W. 10th, Kansas City, Mo.
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., 529 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.
Peerless Lithographing Co., 4313 Diversey Ave., Chicago, Ill.

Pettibone & Co., P. F., 27 N. Desplains, Chicago, Ill.
Pioneer, Inc., 12th & A, Tacoma, Wash.
Protectu Bank Note Corp., 4048 W. Shubert Ave., Chicago, Ill.
Pugh & Co., H. G., 1000 Center St., Little Rock, Ark.
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.
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)

258**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.

259**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.
260 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, 953 W. 18th Place, Chicago, Ill.
Yale & Towne Mfg. Co., Stamford, Conn.

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261 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)

262 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.

263 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)

264 MACHINES, ACCOUNT FINDING
 Add-Index Corporation, 678 Front, Grand Rapids,
 Mich.
 Elliott-Fisher Co., 342 Madison Ave., New York,
 N. Y.
 United Accounting Machine Co., 716 Sidney,
 St. Louis, Mo.

265 MACHINES, ADDING
 Addac Co., 60 Cottage Grove, S. W., Grand
 Rapids, Mich.
 Add-Index Corporation, 678 Front, Grand Rapids,
 Mich.
 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 Mit-
 chell, Orange, N. J.
 Powers Accounting Machine Corp., 374 Broad-
 way, New York, N. Y.
 Reliable Typewriter & Adding Machine Corp.,
 303 W. Monroe, Chicago, Ill.
 Remington Rand Business Service, 465 Wash-
 ington, 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.), 173 W. Madison, Chicago, Ill.
 Victor Adding Machine Co., 3900 N. Rockwell,
 Chicago, Ill.

266 MACHINES, ADDRESSING
 Addressograph-Multigraph Co., E. 40th & Kelley
 Ave., Cleveland, O.
 Aluminum Index Co., Edgewater, N. J.
 Elliott Addressing Machine Co., 143 Albany,
 Cambridge, Mass.
 Pollard-Alling Mfg. Co., 224 W. 19th, New York,
 N. Y.

267 MACHINES, BALING, CURRENCY
 Economy Baler Co., Ann Arbor, Mich.

268 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.

269 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 Wash-
 ington, Buffalo, N. Y.
 Underwood Typewriter Co., New York, N. Y.

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

271 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.
 United States Check Book Co., 1309-1315 How-
 ard, Omaha, Neb.
 Watt & Gillogly, Inc., 7 S. Dearborn, Chicago, Ill.

272 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.
 Meilicke Systems, Inc., 3466 N. Clark, Chicago, Ill.
 Monroe Calculating Machine Co., Inc., 555 Mit-
 chell, Orange, N. J.
 Reliable Typewriter & Adding Machine Corp.,
 303 W. Monroe, Chicago, Ill.
 Remington Rand Business Service, 465 Wash-
 ington, Buffalo, N. Y.
 Swanson Calculating Co., 300 W. Adams, Chicago,
 Ill.
 Victor Adding Machine Co., 3900 N. Rockwell,
 Chicago, Ill.

273 MACHINES, CALCULATING (ELECTRIC)
 Add-Index Corporation, 678 Front, Grand Rapids,
 Mich.
 Monroe Calculating Machine Co., Inc., 555 Mit-
 chell, Orange, N. J.
 Remington Rand Business Service, 465 Wash-
 ington, Buffalo, N. Y.

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

MACHINES, CANCELLING, BOND & COUPON
 (See Machines, Cancelling, Check)

274 MACHINES, CANCELLING, CHECK
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)

275 MACHINES, COIN COUNTING
 (Also see Coin Counting Machines)
 Abbott Coin Counter Co., 143d & Wales, New
 York, N. Y.
 Coinometer Distributors, 810 Equitable Bldg.,
 St. Louis, Mo.
 Downey Co., C. L., 941 Clark, Cincinnati, Ohio.
 Jorgensen Mfg. Co., 3681 Gratiot Ave., Detroit,
 Mich.
 Pneumatic Scale Corp., Ltd., 56 New Port Ave.,
 Norfolk Downs, Mass.
 Sattley Co., 3246 E. Woodbridge, Detroit, Mich.
 Schwartz Sortograph Co., Elkhart Lake, Wis.
STANDARD-JOHNSON CO., INC., 371 Pacific,
Brooklyn, N. Y. (See our adv. on page 26.)

MACHINES, COIN SORTING
 (See Machines, Coin Counting)

MACHINES, DATING
 (See Stamps, Dating)

276 MACHINES, DEPOSIT RECEIVING
 American Banking Machine Corp., 207 Eddy Bldg.,
 Saginaw, Mich.

277 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)

278 MACHINES, FOLDING
 Addressograph-Multigraph Co., E. 40th & Kelley
 Ave., Cleveland, Ohio.

279 MACHINES, INTEREST COMPUTING
 Meilicke Systems, Inc., 3466 N. Clark, Chicago, Ill.
 Remington Rand Business Service, 465 Wash-
 ington, Buffalo, N. Y.

280 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.

281 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.

282 MACHINES, NUMBERING
 Acme Stamp Co., 1100 Prospect Ave., Cleveland, O.
 American Numbering Machine Co., 220 Shepherd,
 Brooklyn, N. Y.
 Bates Mfg. 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 Wash-
 ington, 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.

283 MACHINES, PERFORATING
 American Clip Co., Beebe Ave. & Williams, Long
 Island City, N. Y.
AMERICAN PERFORATOR CO., 612 W. Jackson,
Chicago, Ill. (See our adv. on page 24)
 Cummins Perforator Co., 4740 Ravenswood Ave.,
 Chicago, Ill.
 National Perforator Co., (The), 1017 N. Front,
 Philadelphia, Pa.

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

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

285 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.
 Postage Meter Co., 723 Pacific, Stamford, Conn.
 Pittsburgh Typewriter & Supply Co., 339 5th
 Ave., Pittsburgh, Pa.
 Standard Mailing Machines Co., 1935 Parkway,
 Everett, Mass.

286 MACHINES, SEALING, GUMMED TAPE
 Addac Company, 60 Cottage Grove, S. W., Grand
 Rapids, Mich.
 Package Binder Co., (The), Commonwealth Bldg.
 Annex, Pittsburgh, Pa.
 Union Paper & Twine Co., 116 St. Clair Ave., N.W.,
 Cleveland, Ohio.

287 MACHINES, SIGNATURE SIGNING
 The American Perforator Co., 612 W. Jackson
 Blvd., Chicago, Ill.
 Todd Co., 1185 University Ave., Rochester, N. Y.

MACHINES, STAMP AFFIXING
 (See Stamp Affixers)

288 MACHINES, STAPLING
 Acme Staple Company, 1640 Hadden Ave.,
 Camden, N. J.
 Adams-Lessack Co., The, 1507 Arch St., Phila-
 delphia, Pa.
 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 Wash-
 ington, Buffalo, N. Y.
 Sibley Mfg. Co., Inc., Edw. L., Bennington, Vt.

289 MACHINES, STENCIL
 Addressograph-Multigraph Co., E. 40th & Kelley
 Ave., Cleveland, O.
 Bankers Savings & Credit System Co., 10302
 Madison Ave., Cleveland, O.

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

MAGAZINE RACKS
 (See Racks, Magazine & Newspaper)

290 MAGAZINES, BANKING
BANKERS SERVICE BULLETIN, THE., 536 S.
Clark St., Chicago, Ill.
BANKERS MONTHLY, THE, 536 S. Clark St.,
Chicago, Ill.
 Coast Banker, San Francisco, Cal.
 The Fitch Publishing Co., 138 Pearl, New York,
 N. Y.

MAILING BAGS
 (See Bags, Mailing)

MANIFOLD FORMS
 (See Forms, Continuous)

291 MAPS, AUTO TRAILS
 Kenyon Company, Inc., 303-309 Grand Ave.,
 Des Moines, Iowa.
RAND McNALLY & CO., 536 S. Clark St., Chi-
cago, Ill. (See our adv. on this page.)

MARBLE FIXTURES
 (See Fixtures, Marble)

MEMO BOOKS
 (See Books, Memo.)

METERED MAIL
 (See Machines, Mailing, Permit)

292 MIMEOGRAPHS
 (See also Duplicators)
 Dick Co., A. B., 720 W. Jackson Blvd., Chicago, Ill.

293 MOISTENERS, ENVELOPE & STAMP
 Liberty Paper Co., Inc., 203 Lafayette, New York.
 Mohler, A., 416 S. Dearborn, Chicago, Ill.

294 MONEY CONTAINERS
HANDFORD BROWN CO., Coytesville-on-the-
Hudson, N. J.
 Remington Rand Business Service, 465 Wash-
 ington, Buffalo, N. Y.

MOTION PICTURE ADVERTISING
 (See Advertising, Motion Picture)

295 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, Phil-
 adelphia, Pa.
 Weis Mfg. Co., Union, Monroe, Mich.

296 MULTIGRAPHS
 (See also Duplicators)
 Addressograph-Multigraph Co., E. 40th & Kelley
 Ave., Cleveland, Ohio.

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

N

298 NAMEPLATES
 Acme Stamp Co., 1100 Prospect Ave., Cleveland,
 Ohio.
 American Iron & Wire Works, 1621 Carroll,
 Chicago, Ill.
 Andreasen Mfg. Co., 6647-6649 Oliphant Ave.,
 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.
 The Bankers Display Co., 305-307 Hydraulic Ave.,
 South Bend, Ind.

Bankers Savings & Credit System Co., 10302
 Madison Ave., Cleveland, O.
 Brakmeier Bros., 112 S. 4th Ave., Louisville, Ky.
 Chicago Architectural Bronze Co., 4740 N. Clark,
 Chicago, Ill.

Chicago Thrift Co., 1100 Washington Blvd.,
 Chicago, Ill.
 Clark Mfg. Co., R. W., 4311 Ravenswood Ave.,
 Chicago, Ill.

Davenport-Taylor Mfg. Co., 412 Orleans, Chicago,
 Ill.
 Dobie & Co., Arthur L., 523 N. Halsted, Chicago,
 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.

Meyerord Co. (The), 120 S. La Salle, Chicago, Ill.
 Michaels Art Bronze Co., Inc., 230-240 Scott,
 Covington, Ky.

Miller Bank Service, 5775 Ridge, Chicago, Ill.
 Newman Mfg. Co., Cleney 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., 2640-2648 N. Maplewood Ave.,
 Chicago, Ill.
 Rawson & Evans Co., 710 Washington Blvd.,
 Chicago, Ill.

Safford Stamp Works, 205 W. Madison, Chicago,
 Ill.
 Stronghart Co., 2944 W. Lake, Chicago, Ill.

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 Chauteau, 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, also Agencies, Bank
 Advertising)

299 NEWSPAPER CLIPPINGS
 Consolidated Press Clipping Bureau, 431 S. Dear-
 born, Chicago, Ill.
 United States Press Clipping Bureau, 538 S. Clark,
 Chicago, Ill.

300 NOVELTIES, ADVERTISING
 (See also Specific Headings)

Aircraft 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.
 Andreasen Mfg. Co., 6647-6649 Oliphant Ave.,
 Chicago, Ill.

Bastian Bros. Co., 1600 Clinton Ave., N., Rochester,
 N. Y.

John Baumgarth Co., 1219 W. Washington Blvd.,
 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.

Coin Clock Service Co., 4900 Euclid Ave., Cleve-
 land, Ohio.

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.

Duplex Mfg. Co., 306 S. Franklin, Chicago, Ill.

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., 1314 W. 74th, 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.

Grand Rapids Calendar Co., 906-912 Division,
 Grand Rapids, Mich.

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. Arling-
 ton Ave., E. Orange, N. J.



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RAND McNALLY & COMPANY

Auto Trails Dept.

NEW YORK

CHICAGO

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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.
 Kumlir Co., Inc., John M., 35 E. Wacker Drive, Chicago, Ill.
 Lakeside Mfg. Co., 440 W. Superior, Chicago, Ill.
 Leather Products Co., 201 South, Iola, Kans.
 Luxem Company, 3845 Ravenswood Ave., Chicago, Ill.
 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. Morgott 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., Coshooton, 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., 3656 Lincoln 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.
 Shipley Advertising Co., 8 E. Chestnut, Columbus, O.
 Spangler Mfg. Co., 160 N. Wells, Chicago, Ill.
 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.
 Tablet & Ticket Co., 1021 W. Adams, Chicago, Ill.
 Terre Haute Adv. Co., 1317 Poplar, Terre Haute, Ind.
 Texas Novelty Adv. Co., 117 S. Waco, Hillsboro, Tex.
 Twentieth Century Co., 542 S. Dearborn, Chicago, Ill.
 Upton 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.
 Walraven Book Cover Co., A. T., Dallas, Tex.
 Weinman Bros., 421 S. Wells, 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.

301 NOVELTIES, CELLULOID

Adercraft 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.

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

303 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, Coshooton, O.
 Dow Co., Louis F., 2242 University Ave., St. Paul, Minn.
 Ferrer 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., Coshooton, 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 Chief Lithographing Co., 2708 Wabash, Chicago, Ill.
 Weinman Bros., 421 S. Wells, Chicago, Ill.
 Young & Gardner Co., 655 S. Wells, Chicago, Ill.
 Zell, Inc., D. H., 536 Broadway, New York, N. Y.

304 NOVELTIES, METAL

Adercraft 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.

305 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)



OFFICE LAYOUTS

(See Engineers, Equipment)

306 OMNIBUSES, VAULT

Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Automatic File & Index Co., 28 E. Jackson Blvd., Chicago, Ill.
 Bender 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.
 Formed Steel Cabinet & Equipment Co., 508 S. Dearborn, Chicago, Ill.
 General Fireproofing Co., Youngstown, Ohio.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Herring-Hall-Martin 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.
 Metal Office Furniture Co., Grand Rapids, Mich.
 National Safe & Lock Co., 2345 E. 69th, Cleveland, Ohio.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Shaw-Walker Co., The, Muskegon, Mich.
 Steel Equipment Corp., Avenel, N. J.
 Steel Fixture Mfg. Co., E. 7th & Adams, Topeka, Kan.
 St. Louis Bank Bldg. & Eqt. Co., 906 Sidney, St. Louis, Mo.
 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)



307 PADS, BLOTTER

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

308 PADS, DESK

Mayer Mfg. Corp., 1436 Randolph, Chicago, Ill.
 Modern Mfg. Co., Inc., 307 W. Monroe, Chicago, Ill.
 Office Efficiency Distributors Co., 200 Davis, San Francisco, Cal.

309 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.
 Perfect Peerless Calendar Co., 203 S. Dearborn, Chicago, Ill.
 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.

310 PADS, DESK, GLASS

California Glass Co., 500 Commercial, Los Angeles, Calif.

311 PADS, MEMO.

(See also Stationers)
 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.

312 PADS, RUBBER STAMP

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

PAPER, ADDING MACHINE

(See Rolls, Adding Machine)

313 PAPER, CARBON

American Sales Book Co., Limited, Elmira, N. Y.
 Carter's Ink Co., 239 First, Cambridge, Mass.
 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.
 Miller-Bryant-Pierce Co., 189 S. River, Aurora, Ill.
 Phillips Ribbon & Carbon Co., 61 Halstead, Rochester, N. Y.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Stylograph Corp., The, Scottsville Rd., Coldwater, N. Y.
 United States Pencil Co., 487 Broadway, New York, N. Y.

314 PAPER, GUMMED

Chicago Gummed 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.

315 PAPER, RECORD

Brown Paper Co., L. L., Adams, Mass.

316 PAPER RULING

State Paper Ruling Co., 709 S. Dearborn, Chicago, Ill.

317 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.

318 PAPER, TYPEWRITER
 (See also Stationers or Supplies)
 Brown Paper Co., L. L., Adams, Mass.
 Esleek Mfg. Co., Turners Falls, Mass.
 Hampshire Paper Co., South Hadley Falls, Mass.
 Remington Rand Business Service, 465 Wash-
 ington, Buffalo, N. Y.
 Southworth Co., Mittineague, Mass.
 Union Paper & Twine Co., 116 St. Clair Ave., N. W.,
 Cleveland, Ohio.

319 PAPER WEIGHTS
 Adcraft 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.

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

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

PARCEL POST SCALES
 (See Scales, Parcel Post)

322 PARTITIONS
 Albatross 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.
 Croie A Products Corp., 613 S. 25th, New Castle,
 Ind.

Claus Mfg. Co., A., 5250 Brookpark Rd., Cleve-
 land, Ohio.
 Dahlstrom Metallic Door Co., Buffalo & East 2d,
 Jamestown, N. Y.
 Globe-Wernicke Co., The, Carthage Ave., Cincin-
 nati, O.
 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.
 Nachteggall Mfg. Co., 237-45 S. Front, Grand
 Rapids, Mich.
 St. Louis Bank Bldg. & Eqt. Co., 906 Sidney, St.
 Louis, Mo.
 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)

323 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.
 Carrithers & Co., 128 N. Wells, Chicago, Ill.
 Commercial Lithographing Co., 825 W. Market,
 Louisville, Ky.
 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.
 Forman-Bassett Co., 9205 Detroit Ave., Cleveland,
 Ohio.

**FT. WAYNE PTG. CO., 119-130 Holman, Ft.
 Wayne, Ind.**
 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, Indi-
 anapolis, 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., Cleve-
 land, 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 Fran-
 cisco, 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.
 Strayer Coin Bag Co., 1028 4th Ave., New Brigh-
 ton, 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 Clief 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., 421 S. Wells, 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, Chi-
 cago, Ill.

324 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, Phila-
 delphia, Pa.

325 PENCILS, ADVERTISING
 Advertising Specialty Co., 609 Ryan Bldg., St.
 Paul, Minn.
 Carrithers & Co., 128 N. Wells, Chicago, Ill.
 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.

326 PENCILS, AUTOMATIC
 American Lead Pencil Co., 500 Willow Ave.,
 Hoboken, N. J.
 Autopoint Co., 4619 Ravenswood, 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.

327 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., 487 Broadway,
 New York, N. Y.
 Wahl Co., The, 1800 Roscoe, Chicago, Ill.

328 PENHOLDERS
 American Lead Pencil Co., 500 Willow Ave., Ho-
 boken, 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.
 Folis 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.

329 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. Arling-
 ton 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 Cly-
 bourn, 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.

330 PENS, STEEL (MFRS.)
 American Lead Pencil Co., 500 Willow Ave., Ho-
 boken, N. J.
 Eagle Pencil Company, 703 E. 13th, New York,
 N. Y.
 Esterbrook Steel Pen Mfg. Co., 10 Cooper, Cam-
 den, N. J.
 Graff-Underwood Co., 54 Washburn Ave., Cam-
 bridge, 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, Philadel-
 phia, Pa.

PERFORATORS
 (See Machines, Perforating)

PERMIT MAILING MACHINES
 (See Machines, Mailing Permit)

**331 PERSONAL SOLICITATION
 (NEW ACCOUNTS)**
 Andreasen Mfg. Co., 6647-6649 Oliphant Ave.,
 Chicago, Ill.
 Bankers Development Corp., 31 Nassau, New
 York, N. Y.
 Bankers Service Corp., 19 Warren, New York, N. Y.
 Bankers Thrift Corp., 2944 W. Lake, Chicago, Ill.
 Haines Mfg. Co., 84 Exchange, Rochester, N. Y.
 Houe Corp., 3950 N. Lincoln Ave., Chicago, Ill.
 Jefferott & Co., 421 Chestnut, Philadelphia, Pa.
 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.
 Speer Calendar Bank Co., Inc., 110 E. Wisconsin
 Ave., Milwaukee, Wis.
 Statter Bros., A. J. G., 2514 Delaware Ave.,
 Buffalo, N. Y.

332 PHOTOSTATS
 Photostat Corporation, 10 Weybosset St., Provi-
 dence, R. I.
**RECORDAK CORPORATION, 350 Madison Ave.,
 New York, N. Y.**

333 PINS, MAP
**RAND McNALLY & CO., 536 S. Clark, Chicago
 Ill.**

334 PNEUMATIC TUBES
 Lamson Co., Syracuse, N. Y.

PORTFOLIOS
 (See Leather Goods)

POSTAL SCALES
 (See Scales)

335 POSTERS
 Bankers Service Corp., 19 Warren, New York,
 N. Y.
 Bankers Thrift Corp., 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.
 Meyerord 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.
 Runsyne Corp., 250 W. 54th, New York, N. Y.
 Schmidt Lithograph Co., 461 Second, San Francisco,
 Cal.
 Smith Co., K. L., 1486 Union Tr. Bldg., Cleve-
 land, Ohio.
 Sunset System, 2323 Broadway, San Antonio, Tex.
 Thrift Syndicate Co., 664 N. Michigan Ave.,
 Chicago, Ill.

PREMIUMS

(See Novelties, also specific headings)

PRESS CLIPPINGS

(See Newspaper Clippings)

336 PRESSES, SEAL

Downey Co., C. L., 941 Clark, Cincinnati, Ohio.
 Porter Safety Seal Co., 265 N. California Ave.,
 Chicago, Ill. (See our adv. on page 36G).
 Safford Stamp Works, 205 W. Madison, Chicago,
 Ill.

337 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., Vande-
venter & 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, Jack-
 sonville, Fla.
 Du Bois Press, 151 Broadway, Rochester, N. Y.
 Euline Co., 113 St. Clair Ave., N. E., Cleveland, O.
 Farnham Printing & Stationery Co., 417-419
 Hennepin, Minneapolis, Minn.
 Flammger & 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.
 Hutson & 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.
 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, Indian-
 apolis, 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.
 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.
 Pavey 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 Wash-
 ington, Buffalo, N. Y.
 Reserve Litho. & Ptg. Co., Caxton Bldg., Cleve-
 land, 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.
 Shelby Salesbook Co., The, Shelby, O.
 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, Charles-
 ton, 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.

338 PRINTING PRESSES (SMALL)

Addressograph-Multigraph Co., E. 40th & Kelley
 Ave., Cleveland, O.

PROTECTIVE DEVICES

(See Burglar Alarms, and Locks)

339 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.

340 PROTECTORS, CHECK

Arnold Check Writer Co., Inc., Flint, Mich.
 Defiance Mfg. Corporation, Mitchell & Jefferson,
 Orange, N. J.
 Fields, Harry R., 624 Boardman Ave., Orlando, Fla.
 Hall-Welter Co., Inc., 183 St. Paul, Rochester,
 N. Y.
 Hedman Mfg. Co., 1158 Center, Chicago, Ill.
 The Humphrey Co., 177 Broadway, New York,
 N. Y.
 Remington Rand Business Service, 465 Wash-
 ington, 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.

341 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.
 Bankers Thrift Corp., 2944 W. Lake, Chicago, Ill.
 Financial Publishing Co., 129 S. La Salle, Chicago,
 Ill.
 The Fitch Publishing Co., Inc., 138 Pearl, New
 York, N. Y.

342 PUNCHES, BOND & TICKET

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

343 PUNCHES, PAPER

The Globe-Wernicke Co., Carthage Ave., Cin-
 cinnati, O.
 Remington Rand Business Service, 465 Wash-
 ington, Buffalo, N. Y.

R

344 RACKS, CALENDAR (METAL)

Bar-Trex Mfg. Co., 1813 Ave. D., Birmingham, Ala.
 Davenport-Taylor Mfg. Co., 412 Orleans, Chicago,
 Ill.
 Flour City Ornamental Iron Co., 27th Ave. &
 27th St., Minneapolis, Minn.
 Mount & Robertson, Inc., 62 Broad, New York,
 N. Y.
 Nachtgall Mfg. Co., 237 S. Front, Grand Rapids,
 Mich.
 Newman Mfg. Co., Cleveay 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, Mil-
 waukee, Wis.

345 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., Cleveay 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.

346 RACKS, DRAFT & NOTE

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

347 RACKS, FILING

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

348 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., Cin-
 cinnati, O.
 Watson Mfg. Co., Jamestown, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Roch-
 ester, N. Y.

349 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 Sum-
 merdale, Chicago, Ill.
 Watson Mfg. Co., Jamestown, N. Y.
 Wilson-Jones Co., 3300 Franklin, Chicago, Ill.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Roch-
 ester, N. Y.

350 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.

351 RADIATOR COVERS, STEEL

Art Metal Products Co., 514 S. Green, Chicago, Ill.
 Le Febure Corporation, Cedar Rapids, Ia.
 Watson Mfg. Co., Jamestown, N. Y.

RAILINGS

(See Fixtures, Bank and Office)

352 RAIN GAUGES

The A. Claus Mfg. Co., 5250 Brookpark Rd., Cleve-
 land, O.

353 RECEPTACLES, WASTE

Economy Baler Co., Ann Arbor, Mich.
 Remington Rand Business Service, 465 Wash-
 ington, Buffalo, N. Y.

354 RECORDERS, TIME

(See also Stamps, Time)

Calculagrap 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.

RECORDS, VISIBLE

(See Visible Records)

355 REFLECTORS

Curtis Lighting, Inc., 1119 W. Jackson, Chicago,
 Ill.
 Faries Mfg. Co., 1036 E. Grand Ave., Decatur, Ill.
 Frink Co., Inc., 239 Tenth Ave., New York, N. Y.
 Guth Co., Edwin F., 2615 Washington, St. Louis,
 Mo.
 Price Brothers, Inc., 2640-2648 N. Maplewood,
 Chicago, Ill.
 Remington Rand Business Service, 465 Wash-
 ington, Buffalo, N. Y.
 Viking Products Corp., 422 W. 42d, New York,
 N. Y.

356 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., 2316 W. 43d,
 Chicago, Ill.

357 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 Wash-
 ington, 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., Roch-
 ester, N. Y.

358 REGISTERS, CASH

Flammger & Grahl Blank Book Co., 318 N. Third,
 St. Louis, Mo.
 National Blank Book Co., Riverside, Holyoke,
 Mass.
 National Cash Register Co., Dayton, O.
 Remington Cash Register Co., 29 Warren, New
 York, N. Y.
 Remington Rand Business Service, 465 Wash-
 ington, Buffalo, N. Y.

359 REGISTERS, DISCOUNT

(See also Registers, Bank)
 Le Febure Corporation, Cedar Rapids, Ia.
 National Blank Book Co., Riverside, Holyoka
 Mass.
 Remington Rand Business Service, 465 Wash-
 ington, Buffalo, N. Y.
 Richmond & Backus Co., Woodward at Congress,
 Detroit, Mich.

360 REGISTERS, MORTGAGE

(See also Registers, Bank)
 Le Febure Corporation, Cedar Rapids, Ia.
 Remington Rand Business Service, 465 Wash-
 ington, Buffalo, N. Y.
 Richmond & Backus Co., Woodward at Congress,
 Detroit, Mich.

361 REGISTERS, NOTE & LOAN

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

362 REINFORCING, VAULT

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

363 REVOLVERS

(See also Fire Arms)
 Bannerman Sons, Francis, 501 Broadway, New
 York, N. Y.
 Colt's Patent Fire Arms Mfg. Co., 17 Van Dyke
 Ave., Hartford, Conn.
 Johnson Arms & Cycle Works, Iver, 109 River,
 Fitchburg, Mass.
 Smith & Wesson, Stockbridge, Springfield, Mass.

364 RIBBONS, TYPEWRITER

Carter's Ink Co., 239 First, Cambridge, Mass.
 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.
 Miller-Bryant-Pierce Co., 189 S. River, Aurora, Ill.
 Remington Rand Business Service, 465 Wash-
 ington, Buffalo, N. Y.

365 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 Wash-
 ington, Buffalo, N. Y.
 Young & Seiden Co., 224 N. Calvert, Baltimore,
 Md., Philadelphia and Pittsburgh.
 Zimmerman Bros. & Co., 4020 Michigan Ave., Chi-
 cago, Ill.

RUBBER BANDS
(See Supplies, Bank & Office)**RUBBER STAMPS**
(See Stamps, Rubber)**RULED FORMS**
(See Forms, Bank)**366 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**367 SAFE DEPOSIT RECORDS**

Acme Card System Co., 8 S. Michigan Ave.,
 Chicago, Ill.
 Hamilton Autographic Register Co., 802 Symmes
 Ave., Hamilton, O.
 Inland Company, 608 S. Dearborn, Chicago, Ill.
 Le Febure Corporation, Cedar Rapids, Ia.
 Martell Co., A. E., Congress St., Keene, N. H.
 Pressteel Engineering Corp., 52 Vanderbilt Ave.,
 New York, N. Y.
 Remington Rand Business Service, 465 Wash-
 ington, Buffalo, N. Y.
YALE & TOWNE MFG. CO., Stamford, Conn.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Roch-
 ester, N. Y.

368 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, Cleve-
 land, Ohio.
 Norris Safe & Lock Co., 114 Third Ave., S., Seattle,
 Wash.
 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 St., Roch-
 ester, N. Y.

369 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, Cleve-
 land, Ohio.
 Norris Safe & Lock Co., 114 Third Ave., S., Seattle,
 Wash.
REMINGTON RAND BUSINESS SERVICE,
Buffalo, N. Y.
 Remington & Sherman Co., 1545 N. Delaware Ave.,
 Philadelphia, Pa.
 Shaw-Walker Co., The, Muskegon, Mich.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Roch-
 ester, N. Y.
 York Safe & Lock Co., York, Pa.

370 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.

371 SAFES, NIGHT DEPOSITORY

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

372 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)**373 SAVINGS BANKS, HOME & POCKET**

Andreasen Mfg. Co., 6647-6649 Oliphant Ave.,
 Chicago, Ill.
 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, Minne-
 apolis, Minn.
 Bankers Thrift Corp., 2944 W. Lake, Chicago, Ill.
 Bankers Utilities Co., Inc., 268 First, San Fran-
 cisco, Calif.
**THE BANKETTE COMPANY, INC., 88 Broad
 St., Boston, Mass.** (See our adv. on this page.)
 Call's Bankers Service Corp., 321-327 Pear,
 Scranton, Pa.

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 Chicago Thrift Co., 1100 Washington Blvd., Chicago, Ill.
 Coin Covenant Corp., 35 E. Wacker Drive, Chicago, Ill.
 Commercial Envelope Corp., 3024-30 Lemp Ave., St. Louis, Mo.
 Dudley Lock Corporation, 26 N. Franklin, Chicago, Ill.
 Durable Toy & Novelty Corp., 220 4th Ave., New York, N. Y.
 Felsenthal & Sons, G., 4110 W. Grand Ave., Chicago, Ill.
 Hockwender Co., B. H., 711 Penn. Ave., Pittsburgh, Pa.
 Inland Co., 608 S. Dearborn, Chicago, Ill.
 L'Enfant-Oley-Martine Mfg. Corp., 99-101 Fifth Ave., New York, N. Y.
 Martin Co. (The Frank), Marshall Bldg., Cleveland, O.
 Miller Bank Service, 5775 Ridge, 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.
 Rehberger Co., A. C., 3656 Lincoln 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.
 Steel Products Corp. of Cal., 268 First, San Francisco, Cal.
 Strayer Coin Bag Co., 1028 4th Ave., New Brighton, Pa.
 Stronghart Co., 2944 W. Lake, Chicago, Ill.
 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.)
 Williams & Co., A. W., 1790 E. 174th, New York, N. Y.

374 SAVINGS BANKS, (REGISTER)

DURABLE TOY & NOVELTY CO., 220 4th Ave., New York, N. Y.

375 SAVINGS BANKS (SPECIAL DESIGN)

Andreasen Mfg. Co., 6647-6649 Oliphant Ave., Chicago, Ill.
 Bankers Utilities Co., Inc., 268 First, San Francisco, Calif.
 Call's Bankers Service Corp., 321-327 Pear, Scranton, Pa.
 Chicago Thrift Co., 1100 Washington Blvd., Chicago, Ill.
 Jamestown Metalsmiths Inc., 217 Hopkins Ave., Jamestown, N. Y.
 Kumlir Co., Inc., John M., 35 E. Wacker Drive, Chicago, Ill.
 Martin Co., The Frank, Marshall Bldg., Cleveland, O.
 Metal Crafters Studios, Inc., 812 Fidelity Trust Bldg., Detroit, Mich.
 The Miller Bank Service, 5775 Ridge Ave., Chicago, Ill.
 Moreland Business Builders, Inc., 107 N. Wacker Drive, Chicago, Ill.

Rehberger Co., A. C., 3656 Lincoln 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)

376 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 Pear, 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.
 Houte Corp. 3950 N. Lincoln Ave., Chicago, Ill.
 L'Enfant-Oley-Martine Mfg. Corp., 99-101 Fifth Ave., New York, N. Y.
 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.

377 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., 53 W. Jackson Blvd., Chicago, Ill.

378 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., 296 Broadway, 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.

379 SCHOOLS, CORRESPONDENCE

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

SCREENS, COUNTER
(See Grillwork)

380 SCREENS, DOOR & WINDOW

Circle A Products Corp., 613 S. 25th, New Castle, Ind.
 Watson Mfg. Co., Jamestown, N. Y.
 Western Venetian Blind Co., General Office, 2700 Long Beach Ave., Los Angeles, Calif. Offices at 101 Park Ave., New York, Chicago, Kansas City, San Francisco, New Orleans, Atlanta, Birmingham, Portland, Ore., Seattle, Jacksonville, Fla., Memphis, Boston, Cleveland, Detroit, Charlotte, N. C., and Fresno.

381 SCREENS, SAFETY DEPOSIT

American Fixture Co., 16th & Bellefontaine, Kansas City, Mo.
 American Iron & Wire Works, 1621 Carroll, Chicago, Ill.
 Chicago Architectural Bronze Co., 4740 N. Clark, Chicago, Ill.
 Coleman, Adelbert E., 336 W. 37th, Chicago, Ill.
 Flour City Ornamental Iron Co., 27th Ave. & 27th St., Minneapolis, Minn.
 Michaels Art Bronze Co., Inc., 230-240 Scott, Covington, Ky.
 Nachteggall Mfg. Co., 237-45 S. Front, Grand Rapids, Mich.
 Newman Mfg. Co., Cleveay 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)

382 SEALING DEVICES, ENVELOPE

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

SEALING WAX
(See Wax, Sealing)

383 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.
 Case Seal Co., 118 N. La Salle, Chicago, Ill.
 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., 178 N. Clark, 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., 265 N. California, Chicago, Ill. (See our adv. on following page)
 Sachs-Lawlor Co., 1543 Larimer, Denver, Colo.
 Safford Stamp Works, 205 W. Madison, Chicago, Ill.
 St. Louis Sticker Co., 1627 Washington, St. Louis, Mo.
 Shuman Co., Frank G., 771 W. Jackson Blvd., Chicago, Ill.
 Southern Stamp & Stencil Co., 48 N. Forsyth, Atlanta, Ga.
 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.

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384 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 & Wenthe, 30 S. Jefferson, Chicago, Ill.
PORTER SAFETY SEAL CO., 265 N. California, Chicago, Ill. (See our adv. on this page.)
 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.

385 SEALS, REGISTERED MAIL

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

386 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.

387 SERVICE, BOND ISSUE

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

388 SERVICE, CONSULTING ECONOMISTS

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

389 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.

390 SERVICE, TAX

Arnold, Himmelblau & Co., 140 S. Dearborn, 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.
 Larentz & Co., F. W., 100 Broadway, New York, N. Y.
 Snow & Co., M.P., 400 N. Michigan Ave., Chicago, Ill.

391 SHADES, DOOR

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

392 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.
 Watson Mfg. Co., Jamestown, N. Y.
 Wilson Corp., J. G., 11 E. 38th, New York, N. Y.

393 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.
 Marshall-Jackson Co., 26 S. Clark, Chicago, Ill.
 Medart 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 St., Rochester, N. Y.

SIGNALING SYSTEMS

(See Systems, Signaling)

SIGNATURE SIGNING MACHINES

(See Machines, Signature Signing)

394 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.
 Bankers Thrift Corp., 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.
 Kemper-Thomas Co., Park Ave., Norwood, Ohio.
 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., Cleaneay 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., 2640-2648 N. Maplewood Ave., Chicago, Ill.
 Rehberger & Co., A. C., 3656 Lincoln 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.

395 SIGNS, BRASS AND BRONZE

American Bronze Co., 1316 W. 63d, Chicago, Ill.
 American Seal & Stamp Co., 120 S. Clark, Chicago, Ill.

American Iron & Wire Works, 1621 Carroll, 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.

Bankers Thrift Corp., 2944 W. Lake, Chicago, Ill.

Brakmeier Bros., 112 S. 4th Ave., Louisville, Ky.

Chicago Architectural Bronze Co., 4740 N. Clark, Chicago, Ill.

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

Clark Mfg. Co., R. W., 4311 Ravenswood Ave., Chicago, Ill.

Coleman, Adelbert E., 336 W. 37th, Chicago, Ill.

Davenport-Taylor Mfg. Co., 412 Orleans, Chicago, Ill.

Dobie & Co., Arthur L., 523 N. Halsted, Chicago, Ill.

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

Flour City Ornamental Iron Co., 27th Ave. & 27th St., Minneapolis, Minn.

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

Force & Co., Inc., Wm. A., 105 Worth, New York, N. Y.

Georgia Show Case Co., Montgomery, Ala.

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.

Mathews & 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.

Miller Bank Service, 5775 Ridge Ave., Chicago, Ill.

National Art Works, Inc., 710 Greer Ave., Covington, Ky.

Nelke, L. D., 45 E. 17th, New York, N. Y.

NEWMAN MFG. CO., Cleaneay Ave. & N. & W. R. R., Cincinnati, O.

Novelty Adv. Co., Coshocton, 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., 2640-2648 N. Maplewood Ave., Chicago, Ill.

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

Rehberger Co., A. C., 3656 Lincoln Ave., Chicago, Ill.

Sachs-Lawlor Co., 1543 Larimer, Denver, Colo.

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

Shaw Advertising Co., 520 Produce Exch. Bldg., Kansas City, Mo.

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.

Stronghart Co., 2944 W. Lake St., 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.

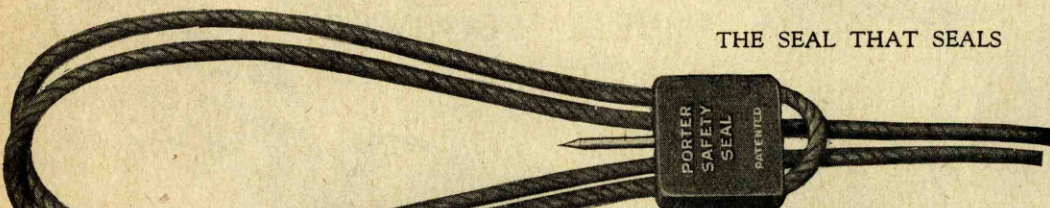
Zimmerman Bros. & Co., 4020 Michigan Ave., Chicago, Ill.

THE PORTER SAFETY SEAL

COIN AND
CURRENCY
BAGS

BAG AND
PACKAGE
SEALS

THE SEAL THAT SEALS



Cloth Tags for Registered Mail and Express shipments, see page 49.

PORTER SAFETY SEAL CO., 265 N. California Ave., CHICAGO

396 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.

397 SIGNS, CHANGEABLE

American Signs Corp., 436 W. Willard, Kalamazoo, Mich.
 Atlas Bronze Mfg. Co., 2640-2648 N. Maplewood Ave., Chicago, Ill.
 Chicago Thrift Co., 1100 Washington Blvd., Chicago, Ill.
 Clark Mfg. Co., R. W., 4311 Ravenswood Ave., Chicago, Ill.
 Davenport-Taylor Mfg. Co., 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.
 Peoples Mfg. Co., 108 N. Jefferson, Chicago, Ill.
 Philadelphia Enameling Works, 254 N. 13th, Philadelphia, Pa.
 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.

398 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., 4740 N. Clark, Chicago, Ill.
 Davenport-Taylor Mfg. Co., 412 Orleans, Chicago, Ill.
 Dobie & Co., Arthur L., 523 N. Halsted, Chicago, Ill.
 Flour City Ornamental Iron Co., 27th Ave. & 27th St., Minneapolis, Minn.
 Follis Adv. Service, W. E., 159 N. State, Chicago, Ill.
 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., 2640-2648 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.
 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.

399 SIGNS, ELECTRIC

Al Fresco Advertising Co., 900 S. Grand Blvd., St. Louis, Mo.
 American Signs Corp., 436 W. Willard, Kalamazoo, Mich.
 Atlas Bronze Mfg. Co., 2640-2648 N. Maplewood Ave., Chicago, Ill.
 Davenport-Taylor Mfg. Co., 412 Orleans, Chicago, Ill.
 Dobie & Co., A. L., 523 N. Halsted, 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.
 The Frink Co., Inc., 239 Tenth Ave., New York, N. Y.
 General Outdoor Advertising Co., Inc., 1 Park Ave., New York, N. Y.
 Horn Posting Sign Systems, W. J., 426 N. 5th, Springfield, Ill.
 Matthews & Co., Jas. H., 3942 Forbes, Pittsburgh, Pa.
 Meyerord Co. (The), 120 S. La Salle, Chicago, Ill.
 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.
 Plowman Gates Co., The, 1722 W. Adams, Chicago, Ill.
 Rawson & Evans Co., 710-12 W. Washington Blvd., Chicago, Ill.
 Runsyne Corp., 250 W. 54th, New York, N. Y.
 Steere & Sons, Geo., 434 S. Dearborn, Chicago, Ill.
 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.

400 SIGNS, GLASS

Horn Posting Sign Systems, W. J., 426 N. 5th, Springfield, Ill.
 Newman Mfg. Co., Cleneay Ave. & N. & W. R. R., Cincinnati, O.
 Price Brothers, Inc., 2640-2648 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.

401 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.

402 SIGNS, PORCELAIN ENAMELED

American Signs Corp., 436 W. Willard, Kalamazoo, Mich.
 Atlanta Rubber Stamp & Stencil Wks., 76 Foreyth, 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.

403 SIGNS, ROAD

Al Fresco Advertising Co., 900 S. Grand Blvd., St. Louis, Mo.
 American Signs Corp., 436 W. Willard, Kalamazoo, Mich.
 Carrithers & Co., 128 N. Wells, Chicago, Ill.
 Coshocton Specialty Co., Coshocton, 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.
 Meecker 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.

404 SIGNS, WIRE

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

405 SLIDES, LANTERN (MOTION PICTURE, ETC.)

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

SOAP DISPENSERS (See Dispensers, Soap)

406 SOAPS, LIQUID

Antiseptol Liquid Soap Co., 572 W. Randolph, Chicago, Ill.
 Gerson-Stewart Corp., 3528 E. 76th, Cleveland, O.

407 SOLICITATION, NEW ACCOUNT

(See Personal Solicitation, New Accounts)

Haines Mfg. Co., 84 Exchange, Rochester, N. Y.
 Houte Corp., 3950 N. Lincoln Ave., Chicago, Ill.
 Smith Associates, Inc., T. Harris, 231 S. La Salle, Chicago, Ill.

SOUVENIRS, ADVERTISING

(See Novelties, Advertising)

SPECIALTIES, CELLULOID

(See Novelties, Celluloid)

SPECIALTIES, LEATHER

(See Novelties, Leather)

SPECIALTIES, METAL

(See Novelties, Metal)

408 SPONGES

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

409 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.

410 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., 178 N. Clark, 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.

411 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., 411-413 S. Clinton, Chicago, Ill.

412 STAMPS, INDEXED

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

413 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.

414 STAMPS, STENCIL

Hanson Co., C. H., 178 N. Clark, Chicago, Ill.
Meyer & Wenthe, 30 S. Jefferson, Chicago, Ill.
Multistamp Co., Norfolk, Va.

415 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.
Joslin Mfg. Co., A. D., 123 Arthur, Manistee, Mich.
Kastens, Henry, 418 W. 27th, New York, N. Y.
Thompson Time Stamp Co., Inc., 240 W. 23d, New York, N. Y.

416 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.
Tubular Specialty Mfg. Co., 1940 Stanley Ave., Detroit, Mich.
Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

417 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.

418 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.
Sturgis Posture Chair Co., Magnolia, 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.

419 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)

420 STATEMENTS, DAILY EARNING

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

421 STATIONERS

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., Vandeventer & 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 Mechanic, 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.
Esleeck 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.
Hall Lithographing Co., 623 Kansas Ave., Topeka, Kan.
Hampshire Paper Co., So. Hadley Falls, Mass.
Horder's, Inc., 236 W. Lake, Chicago, Ill.
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 Sumnerdale, 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.

Pressteel Engineering Corp., 342 Madison Ave., New York, N. Y.
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.
Todd Co., 1185 University Ave., Rochester, N. Y.
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.
Wroe & Co., W. E., 22 W. Monroe, Chicago, Ill.
Young & Selden Co., 224 N. Calvert, Baltimore, Md., Philadelphia and Pittsburgh.

422 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)

423 STENCIL PAPER—DUPLICATING

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

424 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.
Martin & Co., 227 W. Madison, Chicago, Ill.
Melind Co., Louis, 362 W. Chicago, Chicago, Ill.
Moise-Klinkner 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)

Fort Wayne Printing Co.

FORT WAYNE, INDIANA

BANK STATIONERS

Printers :: Lithographers

OFFICE SUPPLIES BLANK BOOKS

425 STEREOPTICONS

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

426 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)

427 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.

428 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.
 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)

429 SUPPLIES, ADDING MACHINE

(See also specific headings)

Add-Index Corporation, 678 Front, Grand Rapids, Mich.
 Crown Ribbon & Carbon Mfg. Co., 782 St. Paul, Rochester, N. Y.
 Remington Rand Business Service, 465 Washington, Buffalo, N. Y.
 Union Paper & Twine Co., 116 St. Clair Ave. N. W., Cleveland, Ohio.

SUPPLIES, ADDRESSING MACHINE

(See Machines, Addressing and specific headings)

430 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.

Atlanta Rubber Stamp & Stencils Wks., 76 Forsyth, N. W., Atlanta, Ga.
 Automatic Pencil Sharpener Co., 58 E. Washington, Chicago, Ill.
 Bankers Printing Co., 836 Montgomery, San Francisco, Cal.

Bankers Safety Envelope Co., 118 St. Clair Ave., Cleveland, O.

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-Bodgett 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.

Carrithers & Co., 128 N. Wells, Chicago, Ill.

Central Office Equipmt. Co., 120 W. Washington, Fort Wayne, Ind.

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.

Defiance 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.

Drake & Co., Geo. A., 625 Woodward Ave., Detroit, Mich.

Eberhard Faber Pencil Co., 39 Greenpoint Ave., Brooklyn, N. Y.

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.

Foot & Davies Co., Edgewood & Pryor, Atlanta, Ga.

FT. WAYNE PRINTING CO., 119-130 Holman, Ft. Wayne, Ind.

General Pencil Co., 67 Fleet, Jersey City, N. J.

Gibson Co., Inc., A. C., 70 Oak, Buffalo, N. Y.

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

Gordon Pen Co., 450 Palisades Ave., West New York, N. J.

Graft-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.

Horner's, Inc., 236 W. Lake, 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.

Kamrass & Sons, H., 110 W. 17th, New York, N. Y.

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

Klipto Loose Leaf Co., 15-17 So. Delaware, Mason, Iowa.

Le Febure Corporation, Cedar Rapids, Ia.

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

Lexington Desk Co., Inc., 157 E. 44th, New York, N. Y.

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.

Mysell-Rollins Bank Note Co., 500 Sansome, San Francisco, Cal.

New Martinsville Glass Mfg. Co., New Martinsville, W. Va.

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.

Package Binder Co., The, Commonwealth Bldg., Annex, Pittsburgh, Pa.

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., 119-125 N. 4th, Philadelphia, Pa.

Pugh & Co., H. G., 100 Center, Little Rock Ark.

REMINGTON RAND BUSINESS SERVICE, 465 Washington, Buffalo, N. Y.

Republic Envelope Co., 3617 S. Ashland Ave., Chicago, Ill.

Richmond & Backus Co., The, Woodward at Congress, Detroit, Mich.

Robinson Mfg. Co., 171 Elm, Westfield, Mass.

Rockwell Barnes Co., 1511 W. 38th, Chicago, Ill.

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.

Sneath Glass Co., Hartford City, Ind.

Southern States Prtg. 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.

Watson Mfg. Co., Jamestown, N. Y.

Weis Mfg. Co., Union, Monroe, Mich.

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

The Wrenn Paper Co., Middletown, Ohio.

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)

431 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.

432 SUPPLIES, ELECTRICAL

General Electric Co., Bridgeport, Conn.
 Westinghouse Electric & Mfg. Co., East Pittsburgh, Pa.

433 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., 28 E. Jackson Blvd., 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., 500 Driggs Ave., Brooklyn, N. Y.
 Pressteel 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 St., Rochester, N. Y.

SUPPLIES, FILING, CARD

(See Supplies, Filing)

434 SUPPLIES, JANITORS'

Fulton Bag & Cotton Mills, 170 Blvd., Atlanta, Ga.

435 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.

Foot & Davies Co., Edgewood & Pryor, Atlanta, Ga.

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

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

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

Holder's, Inc., 236 W. Lake, 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.

436 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.

Holder's, Inc., 236 W. Lake, Chicago, Ill.

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.

437 SUPPLIES, PHOTO COPYING MACHINE

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

438 SUPPLIES, TYPEWRITER

Clartype Company, Inc., 16 Hudson, New York, N. Y.

Crown Ribbon & Carbon Mfg. Co., 782 St. Paul, Rochester, N. Y.

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

Ros Rol, Typewriter Roller Cleaner Co., 123 E. Main, Norristown, Pa.

United States Pencil Co., Inc., 487 Broadway, New York, N. Y.

Webster Co., Inc., F. S., 340 Congress, Boston, Mass.

439 SYSTEMS, ACCOUNTING

Arnold Himmellblau & Co., 140 S. Dearborn, Chicago, Ill.

Foot & 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.

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

Shaw-Walker Co., The, Muskegon, Mich.

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

440 SYSTEMS, BUDGET, HOME

Mills-Broderick Prtg. Co., 337 Monroe, Grand Rapids, Mich.

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

Selling Aid, 6 N. Michigan Ave., Chicago, Ill.

Smith-Brooks Printing Co., 1733 California, Denver, Colo.

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

SYSTEMS, CHRISTMAS SAVINGS

(See Christmas Savings)

441 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.

442 SYSTEMS, FILING

Aluminum Index Co., Edgewater, N. J.

Amberg File & Index Co., 1400 Fulton, Chicago, Ill.

Automatic File & Index Co., 28 E. Jackson Blvd., 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., 500 Driggs, 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.

Wagmaker Co., Grand Rapids, Mich.

Weis Mfg. Co., Union, Monroe, Mich.

YAWMAN & ERBE MFG. CO., 1099 Jay St., Rochester, N. Y.

443 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.

Wagmaker Co., Grand Rapids, Mich.

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

SYSTEMS, INTER-COMMUNICATING

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

444 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 Summerdale, 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.

445 SYSTEMS, LEDGER, CARD

Acme Card System Co., 8 S. Michigan, Chicago, Ill.

Automatic File & Index Co., 28 E. Jackson, 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 Summerdale, 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 St., Rochester, N. Y.

446 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 Summerdale, 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.

447 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 St., Rochester, N. Y.

448 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.)

449 SYSTEMS, SIGNALING

Danne, Harold A., 41 Park Row, New York, N. Y.

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450 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.
 Watson Mfg. Co., Jamestown, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

451 TABLES, INTEREST

Financial Publishing Co., 9 Newbury, Boston, Mass.
 Lefax (Inc.), 9th & Sansom, Philadelphia, Pa.
 Mellicke Systems, Inc., 3466 N. Clark, Chicago, Ill.
 Robinsonian Interest Book Co., 545 Federal St., Chicago, Ill.
TWENTIETH CENTURY CO., 542 S. Dearborn, Chicago, Ill.

452 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.

453 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.

454 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., 4740 N. Clark, Chicago, Ill.
 Chicago Thrift Co., 1100 Washington, Chicago, Ill.
 Coleman, Adelbert E., 336 W. 37th, Chicago, Ill.
 Corbin, P. & F., Park St., New Britain, Conn.
 Davenport-Taylor Mfg. Co., 412 Orleans, Chicago, Ill.
 Dobie & Co., Arthur L., 523 N. Halsted, Chicago, Ill.
 Flour City Ornamental Iron Co., 27th Ave. & 27th St., Minneapolis, Minn.
 Georgia Show Case Co., Montgomery, Ala.
 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.
 Mayer Co., Geo. J., 36 S. Meridian, Indianapolis, Ind.
 Michaels Art Bronze Co., Inc., 230 Scott, Covington, Ky.
 National Art Works, Inc., 710 Greer Ave., Covington, Ky.
 Newman Mfg. Co., Cleney 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.
 Stronghart Co., 2944 W. Lake, Chicago, Ill.
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.

455 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.

456 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., 265 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.

457 TAGS, REGISTERED MAIL

PORTER SAFETY SEAL CO., 265 N. California, Chicago, Ill. (See our adv. on this page.)

458 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)

459 TEAR GAS PROTECTIVE EQUIPMENT

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

460 TELAUTOGRAPHS

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

461 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.

TELEPHONE BOOTHS

(See Booths, Telephone)

462 TELEPHONE EAR CUSHIONS (RUBBER)

American Electric Co., Inc., 6401 S. State, Chicago, Ill.

463 TELEPHONE MOUTHPIECES (GLASS)

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

464 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.

465 TELLERS-BOOKKEEPERS INTER-COMMUNICATING SYSTEMS

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

466 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.

467 TEXTBOOKS, BANKING

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

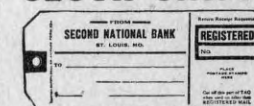
468 THERMOMETERS, ADVERTISING

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, Coshooton, 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.)

CLOTH SHIPPING TAGS



Samples mailed on request

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

TICKET BINDERS

(See Binders Ticket)

469 TIME FINDERS

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

TIME STAMPS

(See Stamps, Time)

470 TOWELS, PAPER

Liberty Paper Co., Inc., 203 Lafayette, New York, N. Y.

471 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)

472 TRAYS, CARD LEDGER

Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Automatic File & Index Co., 28 E. Jackson Blvd., 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., 183 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.

473 TRAYS, CHECK

Aluminum Index Co., Edgewater, N. J.
 Automatic File & Index Co., 28 E. Jackson Blvd., 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., 183 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.

474 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.
 Formed Steel Cabinet & Equipment Co., 508 S. Dearborn, Chicago, Ill.
 Hoefer 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.

Tauk & Co., Arthur C., 20 Clinton St., Newark, N. J.

Tucker & Dorsey Mfg. Co., 302 S. State, Indianapolis, Ind.

Watson Mfg. Co., Jamestown, N. Y.

475 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.

Formed Steel Cabinet & Equipment Co., 508 S. Dearborn, Chicago, Ill.

Standard-Johnson Co., Inc., 371 Pacific, Brooklyn, N. Y.

Strayer Coin Bag Co., 1028-4th Ave., New Brighton, Pa.

Tauk & Co., Arthur C., 20 Clinton St., Newark, N. J. (See our adv. on this page.)

476 TRAYS, DISPLAY

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

477 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)

TRUST DEPT. ADVERTISING

(See Advertising, Trust Department)

478 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)

479 TYPEWRITER ATTACHMENTS

Office Efficiency Distributors Co., 200 Davis, San Francisco, Cal.

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

TYPEWRITER RIBBONS

(See Ribbons, Typewriter)

480 TYPEWRITERS

Demountable Typewriter Co., Inc., 110 S. Brook, Fond du Lac, Wis.

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.**REMINGTON RAND BUSINESS SERVICE, Buffalo, N. Y.**

Royal Typewriter Co., Inc., 316 Broadway, New York, N. Y.

Underwood Typewriter Co., New York, N. Y.

Woodstock Typewriter Co., 35 East Wacker Drive, Chicago, Ill.

TYPEWRITERS, ACCOUNTING

(See Machines, Bookkeeping)

481 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.

482 TYPEWRITERS, REBUILT

Shipman-Ward Mfg. Co., 4401 Ravenswood, Chicago, Ill.

483 TYPEWRITERS, TELEGRAPHICMorkrum Co., 1400 Wrightwood, Chicago, Ill.
 Teletype Corporation, 1400 Wrightwood Ave., Chicago, Ill.**V****VAULT ENGINEERS**

(See Vault Inspection)

VAULT EQUIPMENT

(See Equipment, Vault)

484 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.**485 VAULT REINFORCING**

(See also Reinforcing, Vault)

Consolidated Expanded Metals Companies, Steel-crete Bldg., Wheeling, W. Va.

Rivet-Grip Steel Company, The, 2404 Prospect Ave., Cleveland, Ohio.

486 VAULT STEPS

(See also Equipment Vault)

Diebold Safe & Lock Co., Canton, O.

Interior Metal Equipment Co., 844 Rush, Chicago, Ill.

487 VAULTS

Cary Safe Co., 1200 Niagara, Buffalo, N. Y.

Consolidated Expanded Metals Companies, Steel-crete Bldg., Wheeling, W. Va.

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.

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)

488 VENTILATORS, VAULT

(See also Air Purifiers)

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.

WHY RENT TOWELS?**THE ELECTRIC TOWEL**

Continuous Towel Service at Low Cost

GENERAL UTILITIES MFG. CO.

4058 Beaufait Street - Detroit, Mich.

489 VISIBLE RECORDS

Acme Card System Co., 8 S. Michigan, Chicago, Ill.
 Aluminum Index Co., Edgewater, N. J.
 Automatic File & Index Co., 28 E. Jackson Blvd., 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.
 See-All Company, Elkhart, Ind.
 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.
 Weis Mfg. Co., Union, Monroe, Mich.

W

WALL SAFES

(See Safes, Wall)

490 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.

491 WALLETS, LEATHER

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.
 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., 421 S. Wells, Chicago, Ill.

WASTE PAPER BALING MACHINES

(See Machines, Baling, Waste Paper)

WATCHMEN'S CLOCKS

(See Clocks, Watchmen's)

492 WATER COOLERS

General Electric Co., Hanna Bldg., Cleveland, O.

493 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)

WIRE SIGNS

(See Signs, Wire)

494 WIREWORK

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.

495 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.
 Inter Ocean Cabinet Co., 326 S. Paulina, Chicago, Ill.
 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 Eqt. & Bldg. Co., 906 Sidney, St. Louis, Mo.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

496 WRAPPERS, COIN

Abbott Coin Counter Co., 143d & Wales, New York, N. Y.
 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.
 Jorgensen Mfg. Co., 3681 Gratiot Ave., Detroit, Mich.
 Package Binder Co., The, Commonwealth Bldg., Annex, Pittsburg, Pa.
 Sattley Co., 3246 E. Woodbridge, 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)

Y

YEAR BOOKS

(See Stationers)

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.
1	Postal Cards-----	1 cent each-----	May be Registered.
2	Newspapers and Magazines (transient)-----	1 cent each 2 oz. or fraction—No wt. limit-----	May be Registered or Insured or Sent C. O. D.
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	Except that-----	1 cent for each 2 ounces or fraction to 8 ounces inclusive-----	May be Registered or Insured or Sent C. O. D.
4	Books, Catalogues (24 pages or more), Seeds, Scions, Bulbs, Roots and Plants are-----	Zone or pound rates and conditions apply-----	May be Insured, sent C. O. D. and "Special Handling" + same as first class.
4	Merchandise, Printed Matter, Books, Catalogues, Seeds, Etc., weighing more than 8 ounces to 50 or 70 pounds-----		
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	Not exceeding \$ 2.50-----	5c	Indemnity not exceeding \$ 50.00-----	\$0.15
	Over 2, not over 10 pounds-----	20c	Not exceeding 5.00-----	7c	Indemnity not exceeding 100.00-----	.20
	Over 10 pounds-----	25c	Not exceeding 10.00-----	10c	Indemnity not exceeding 200.00-----	.30
OTHER CLASSES	2 pounds or less-----	15c	Not exceeding 20.00-----	12c	Indemnity not exceeding 300.00-----	.40
	Over 2, not over 10 pounds-----	25c	Not exceeding 40.00-----	15c	Indemnity not exceeding 400.00-----	.50
	Over 10 pounds-----	35c	Not exceeding 60.00-----	18c	Indemnity not exceeding 500.00-----	.60
"Special Delivery" must be so endorsed. Special Delivery includes Special Handling.			Not exceeding 80.00-----	20c	Indemnity not exceeding 600.00-----	.70
			Not exceeding 100.00-----	22c	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.	
					C. O. D.	
FOURTH CLASS	2 pounds or less-----	10c	Indemnity not exceeding \$ 5.00-----	5c	Not exceeding \$ 10.00-----	12c
	Over 2, not over 10 pounds-----	15c	Indemnity not exceeding 25.00-----	8c	Not exceeding 50.00-----	15c
	Over 10 pounds-----	20c	Indemnity not exceeding 50.00-----	10c	Not exceeding 100.00-----	25c
			Indemnity not exceeding 100.00-----	25c	Not exceeding 100.00-----	35c
			Indemnity not exceeding 150.00-----	30c	Not exceeding 150.00-----	35c
			Indemnity not exceeding 200.00-----	35c	Not exceeding 200.00-----	45c
			Fee for return receipt 3 cents extra.			

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 Bahamas Balearic Islands Bermudas Bolivia Barbados Brazil British Guiana British Honduras	Canada Cuba Curaçao Dominican Republic Canary Islands Dutch West Indies Ecuador England Guatemala Costa Rica Haiti	Honduras Ireland Jamaica Labrador Leeward Islands Mexico Newfoundland New Zealand	Nicaragua Paraguay Peru Republic of Panama Salvador Samoa W. Scotland Spain and Colonies	Trinidad (including Tobago) Turks Island Uruguay Venezuela Wales Windward Islands (including Grenada, St. Vincent, Grenadines, and St. Lucia)
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The rates on other than letters to all foreign countries are: Single postal cards 1 cent; double postal cards 2 cents to Argentine, Bolivia, Brazil, Canada, Chile, Colombia, Costa Rica, Cuba, Dominican Republic, Ecuador, Guatemala, Haiti, Republic Honduras, Mexico, Newfoundland, 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 additional, 1 cent. Merchandise sent on order or as a gift must be sent by Parcel Post (note below) or is subject to letter postage, which must be fully 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, 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, Argentine, 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, Winnipeg Canada.

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, Argentine, 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, Salvador, 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, and Chili must be accompanied by an invoice vised at the nearest consulate of the respective countries. No Parcel Post to Cuba.

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, Argentine, 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.

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		

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 Assistant Secretary, Rose W. Aebi, Huntington Bank Bldg., Columbus.
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 Treasurer, Russell Bard, cashier Hand County State Bank, Miller.

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Office of the Association, 33 South Clark Street, Chicago

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1931

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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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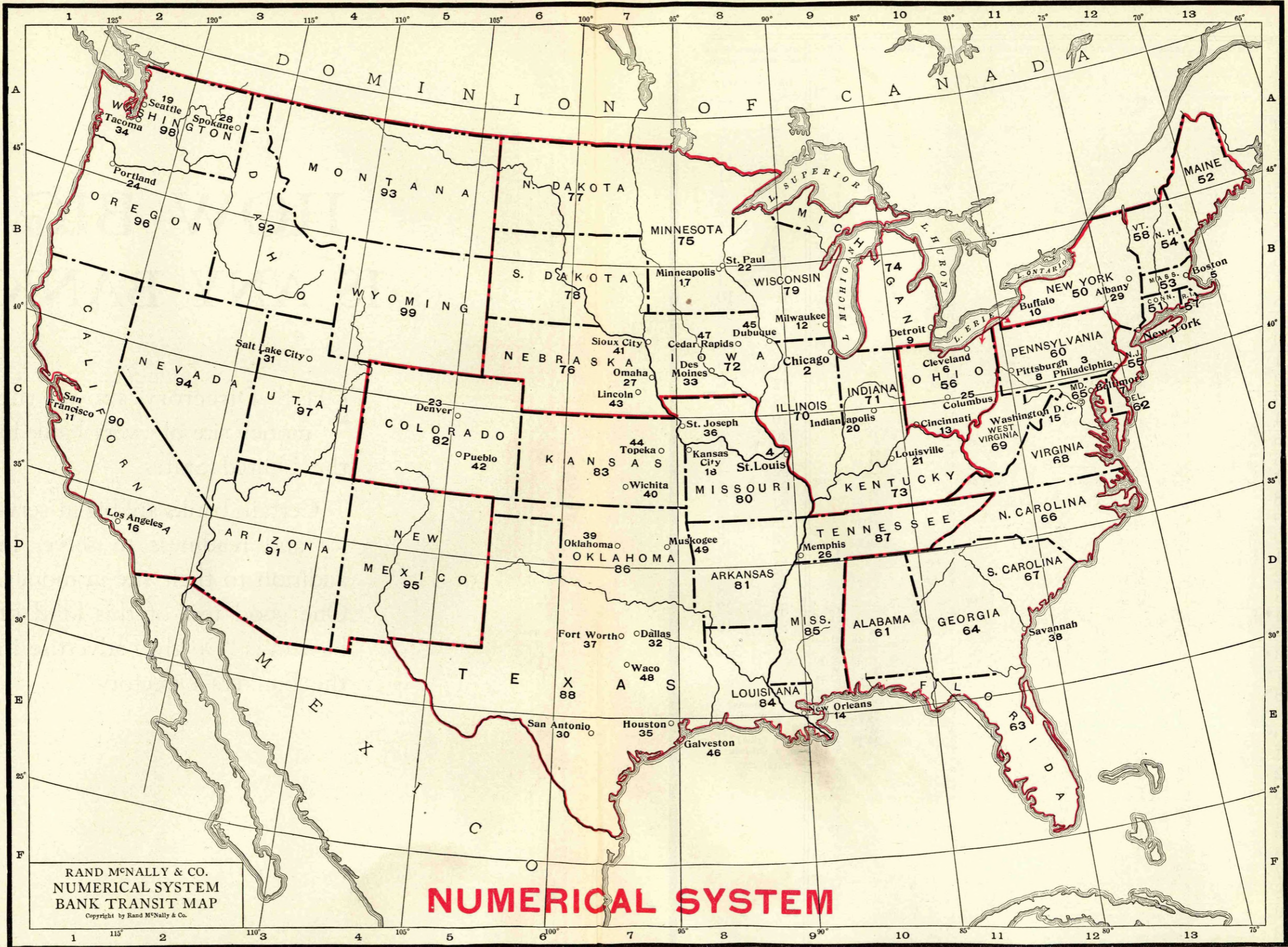
Prefix Numbers

CITIES

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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	
													DATES	CALLS
1886										Th 7		T 28 82		
1887			F 4 66		F 13 70			M 1 80		W 5 65		W 7 63		
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 18 73			T 4 78		M 12 69		19	3
1907	S 26 75		F 22 55		M 20 59			Th 22 94				T 3 103	20	5
1908		F 14 73			Th 14 90		W 15 62		W 23 70		F 27 65		21	2
1909		F 5 70		W 28 82		W 23 56			W 1 70		T 16 76		22	5
1910	M 31 76		T 29 57		Th 30 93				Th 1 62		Th 10 70		23	5
1911	S 7 58		T 7 59		W 7 92				F 1 86			T 5 95	24	2
1912		T 20 77		Th 18 58		F 14 57			W 4 82		T 26 83		25	5
1913		T 4 70		F 4 59		W 4 61		S 9 66		T 21 73			26	4
1914*	T 13 84		W 4 50		T 30 118				S 12 74		S 31 49		27	11
1915*			Th 4 63		S 1 58	W 23 53			Th 2 71		W 10 69	F 31 51	28	8
1916*			T 7 67		M 1 55	F 30 60			T 12 74		F 17 66	W 27 40	29	22
1917*			M 5 68		T 1 57	W 20 50			T 11 83		T 20 70	M 31 41	30	18
1918*			M 4 63		F 10 67	S 29 50		S 31 63			F 1 62	T 31 60	31	
1919*			T 4 63		M 12 69	M 30 49			F 12 74		M 17 66	W 31 44	32	
1920*		S 28 59			T 4 66	W 30 57			W 8 70		M 15 68	W 29 44	33	
1921		M 21 54		Th 28 66		Th 30 63			T 6 68			S 31 116	34	
1922			F 10 69		F 5 56	F 30 56			F 15 77			F 29 105	35	
1923				T 3 95		S 30 88			F 14 76			M 31 108	36	
1924			M 31 91			M 30 91				F 10 102		W 31 82	37	
1925				M 6 96		T 30 85			M 28 90			Th 31 94	38	
1926				M 12 102		W 30 79						F 31 184	39	
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1928		T 28 59				S 30 123				W 3 95		M 31 89	41	
1929			W 27 86			S 29 94				F 4 97		T 31 88	42	
1930			T 27 86			M 30 95			W 24 86			W 31 98	43	
1931			W 25 84			T 30 97							44	
													31	222

35 on Monday
 52 " Tuesday
 42 " Wednesday
 31 " Thursday
 43 " Friday
 19 " Saturday
Total, 222

*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.

STATE BANK OFFICIALS AND EXAMINERS, 1931

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"	B. S. Gay, Bank Examiner.	Montgomery.
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"	G. H. Foote, Bank Examiner.	Birmingham.
"	Addie Lee Farish, Office assistant.	Montgomery.
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"	A. G. King, Deputy Bank Examiner.	Phoenix.
"	L. V. Bailey, Bank Examiner.	Phoenix.
"	J. E. McCullough, Deputy Bank Examiner.	Phoenix.
"	A. T. Hammons, Inspector.	Phoenix.
"	Minnie Seaman, Acct.-Stenographer.	Phoenix.
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"	R. G. Dickinson, Asst. Bk. Commissioner.	Little Rock.
"	Oliver Phillips, Asst. Commissioner in charge of Building & Loan Associations.	Little Rock.
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"	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.
"	A. E. Cates, Bank Examiner.	Little Rock.
"	Fay C. Rayburn, Asst. 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. W. Ackerman, Bank Examiner.	San Francisco.
"	H. W. Albert, Bank Examiner.	San Francisco.
"	F. B. Bailey, Bank Examiner.	San Francisco.
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"	Chas. J. Ledwith, Bank Examiner.	San Francisco.
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"	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.
"	R. C. Barth, Bank Examiner.	Los Angeles.
"	Maurice H. Davis, Bank Examiner.	Los Angeles.
"	S. M. Matthews, Bank Examiner.	Los Angeles.
"	E. E. Hauptert, Bank Examiner.	Los Angeles.
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Colo.	Grant McPerson, Bank Commissioner.	125 State Office Bldg., Denver.
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"	John Jepson, Deputy Bank Com.	Denver.
"	Geo. T. Atchison, Deputy Bank Com.	Denver.
"	Walter J. Nelson, Deputy Bank Com.	Denver.
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"	Thomas J. Convery, Bank Examiner.	Hartford.
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"	John F. Di Nonno, Bank Examiner.	New Britain.
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"	Arthur O. Lamb, Bank Examiner.	Rocky Hill.
"	Herbert F. Seward, Bank Examiner.	Hartford.
"	Ernest E. Savard, Bank Examiner.	Bristol.
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"	Ira Lewis, Deputy Bank Com.	Bridgeville.
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"	W. M. McIntosh, Jr., General Chief Clerk.	Tallahassee.
"	F. E. Steinmeyer, Jr., Banking Clerk.	Tallahassee.
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"	H. C. Bennett, Building and Loan Exam.	Evinston.

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"	W. J. Davis, Asst. Supt. of Banks.	Atlanta.
"	E. B. Douglass, Bank Examiner.	Talbotton.
"	W. D. Lloyd, Bank Examiner.	Tallahassee.
"	M. E. Sisk, Bank Examiner.	Greensboro.
"	R. Forrester, Bank Examiner.	Montezuma.
"	C. L. Gruver, Bank Examiner.	Statesboro.
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"	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.	
"	Geneva Office: 119 Unity Bldg.	
"	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.
"	Ralph Fairbairn, Bank Examiner.	Chicago.
"	Harrison Mathewson, Bank Examiner.	Chicago.
"	John W. Cruden, Bank Examiner.	Chicago.
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"	Glen C. Hodges, Bank Examiner.	Chicago.
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"	W. C. Shy, Bank Examiner.	Springfield.
"	R. J. Silver, Bank Examiner.	Springfield.
"	W. R. 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.
"	C. M. Lawrence, Bank Examiner.	Princeton.
"	S. P. Good, Bank Examiner.	Warren.
"	W. F. Fawcett, Bank Examiner.	Indianapolis.
"	Joe E. McCord, Bank Examiner.	Logansport.
"	T. G. Inwood, Bank Examiner.	Thorntown.
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"	O. Butler, Bank Examiner.	Greensburg.
Iowa.	L. A. Andrew, Supt. of Banking.	State House, Des Moines.
"	W. O. Reed, Deputy Supt.	Des Moines.
"	Charles R. Parker, Chief Clerk.	Indianapolis.
"	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.
"	B. H. Wood, Examiner.	Perry.
"	V. O. Figue, Examiner.	Ossian.
"	J. D. Beckett, Examiner.	Northwood.
"	Walter Light, Examiner.	West Liberty.
"	H. R. Jackson, Examiner.	Spencer.
"	C. Ed. Beman, Jr., Examiner.	Oskaloosa.
"	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. Koenke, Bank Commissioner.	Topeka.
"	T. J. Rhodes, Asst. Bank Com.	Topeka.
"	Dale R. Ainsworth, First Special Asst. Bank Com.	Topeka.
"	R. J. Arbuthnot, Deputy Bank Com.	Hutchinson.
"	L. C. Christenson, Deputy Bank Com.	Topeka.
"	H. B. Eagle, Chief Examiner.	Topeka.
"	John R. Emery, Deputy Bank Com.	Wichita.
"	C. F. Gilpin, 2d Special Assistant Bank Commissioner.	Topeka.
"	E. Keesling, Deputy Bank Com.	Wichita.
"	L. E. Mucke, Deputy Bank Com.	Lyons.
"	H. F. Nelson, Deputy Bank Com.	Topeka.
"	I. L. Perkins, 3d Special Asst. Bank Com.	Hutchinson.
"	T. Clarke Key, Deputy Bank Com.	Russell.
"	E. D. Land, Deputy Bank Com.	Iola.
"	R. B. Schwartz, Deputy Bank Com.	Topeka.
"	C. W. Starr, Deputy Bank Com.	Long Island.
"	A. E. Von Trebra, Deputy Bank Com.	Manhattan.
"	S. H. Padgett, Deputy Bank Com.	Salina.
"	Geo. K. Meier, Deputy Bank Com.	Topeka.
"	C. W. Johnson, General Receiver.	Topeka.
"	Carl Newcomer, Special Asst. Blue Sky Dept.	Topeka.
Ky.	C. S. Wilson, Banking Com.	Frankfort.
"	J. C. Pikerill, Deputy Bank Com.	Frankfort.
"	W. S. Kyle, Bank Examiner.	Barbourville.
"	A. G. Mainous, Bank Examiner.	Georgetown.
"	J. C. Pikerill, Bank Examiner.	Leitchfield.
"	E. H. Short, Bank Examiner.	Thompsonville.
"	S. E. Hubble, Bank Examiner.	Lexington.
"	N. M. Smock, Bank Examiner.	Woodburn.
"	Claude Davis, Building & Loan Examiner.	Albany.

STATE BANK OFFICIALS AND EXAMINERS—Continued

STATE	NAME	ADDRESS	STATE	NAME	ADDRESS
La.	J. S. Brock, State Bank Com.	807 American Bank Bldg.	Mass.	W. S. Savery, Junior Bank Examiner	Plymouth.
"	O. H. Pittman, Chief Bank Examiner	New Orleans.	(Cont.)	H. L. Sawyer, Junior Bank Examiner	Newtonville.
"	S. M. Richard, Bank Examiner	New Orleans.	"	Burton T. Spencer, Junior Bank Examiner	Worcester.
"	M. Finnegan, Bank Examiner	New Orleans.	"	Eugene F. Storrs, Junior Bank Examiner	Needham.
"	Louis Buckner, Bank Examiner	Shreveport.	"	B. P. Stroop, Jr., Junior Bank Examiner	Brookline.
"	W. E. Wood, Asst. Supervisor	New Orleans.	"	Kenneth W. Tatro, Junior Bank Examiner	East Lynn.
"	E. L. Chaney, Bank Examiner	New Orleans.	"	W. A. Warren, Junior Bank Examiner	Newton.
"	A. F. Babin, Bank Examiner	New Orleans.	"	Edward S. Whitmarsh, Junior Bk. Exam.	Medford.
"	P. C. Mosely, Bank Examiner	New Orleans.	"	Donald M. Williams, Junior Bk. Exam.	Newton Highlands.
"	P. R. Breaux, Bank Examiner	New Orleans.	"	B. F. Wood, Junior Bank Examiner	Brighton.
"	J. B. Hill, Examiner	New Orleans.	"	Leslie M. Woodward, Junior Bank Exam.	Arlington Heights.
"	W. C. Evans, Examiner	New Orleans.	"	John W. Slye, Senior Credit Exam.	Malden.
"	C. Girard, Bank Examiner	New Orleans.	"	Donald K. Taylor, Asst. Credit Exam.	Everett.
"	J. Q. Wright, Office Examiner	New Orleans.	"	Harry N. Thomas, Asst. Credit Exam.	Walleston.
"	J. S. Brock, Jr., Gen. Asst.	New Orleans.	"	A. Welwood, Asst. Credit Examiner	Allston.
			"	Felix A. Kulik, Junior Clerk	Beverly.
			"	Eric D. Rice, Junior Clerk	Lynn.
Maine	Sanger N. Annis, Bank Commissioner	Augusta.	Mich.	R. E. Reichert, Commissioner	Lansing.
"	J. Frank D. Anderson, Deputy Bank Com.	Gardiner.	"	M. C. Taylor, Deputy Commissioner	Lansing.
"	T. Frank Parker, Senior Examiner	Belfast.	"	Fred Marlin, Deputy Examiner	Lansing.
"	Ernest C. Stinson, Examiner	Bangor.	"	Donald Bicknell, Bank Examiner	Clare.
"	Harold W. Lord, Examiner	Brewer.	"	R. A. Carroll, Bank Examiner	Battle Creek.
"	Edgar M. Goodrich, Examiner	Hampden.	"	R. M. Daane, Bank Examiner	Grand Rapids.
"	George H. Young, Assistant Examiner	Portland.	"	C. A. Fors, Bank Examiner	Lansing.
"	Walter E. Frank, Asst. Examiner	Portland.	"	V. M. Geiger, Bank Examiner	Bay City.
"	David B. Moody, Asst. Examiner	Belfast.	"	W. F. Henry, Bank Examiner	Mecosta.
"	Albert S. Noyes, Asst. Examiner	Bath.	"	C. H. Hewitt, Bank Examiner	Ann Arbor.
"	J. Malcolm Stanley, Asst. Examiner	Kezar Falls.	"	H. G. Hudson, Bank Examiner	Decatur.
"	Harold F. Holmes, Asst. Examiner	Bangor.	"	R. I. Hudson, Bank Examiner	Decatur.
"	Kenneth B. Foss, Loan Agcy. Examiner	Augusta.	"	E. G. McGugan, Bank Examiner	Quincy.
"	Annie R. Norman, Clerk	Augusta.	"	G. D. Monroe, Bank Examiner	Ludington.
"	Agnes M. Hickey, Assistant Clerk	Gardiner.	"	F. B. Nelson, Bank Examiner	Ludington.
"	Hal G. Hoyt, Securities Examiner	Augusta.	"	P. B. Post, Bank Examiner	St. Johns.
"	F. Bernice Sowden, Registration Clerk	Gardiner.	"	B. W. Preston, Bank Examiner	Charlotte.
			"	Leo Spencer, Bank Examiner	Lansing.
			"	Peter Talantino, Bank Examiner	Laurium.
Md.	Geo. W. Page, Bank Com., Sixth Floor Union Trust Bldg., cor. Charles and Fayette Sts.	Baltimore.	"	H. G. Taylor, Bank Examiner	Lansing.
"	John D. Hospelhorn, Deputy Bank Com., Union Trust Bldg.	Baltimore.	"	R. P. Teeters, Bank Examiner	Henderson.
"	Wm. J. Gerbig, Senior Examiner, Union Trust Bldg.	Baltimore.	"	M. E. Williams, Bank Examiner	Ann Arbor.
"	H. E. Meeks, Senior Examiner, Union Trust Bldg.	Baltimore.	"	R. C. Wixson, Bank Examiner	Port Huron.
"	O. P. Comegys, Senior Examiner, Union Trust Bldg.	Baltimore.	"	A. W. Woolsey, Bank Examiner	Lansing.
"	A. C. Merriam, Jr., Senior Examiner, Union Trust Bldg.	Baltimore.	"	K. C. Aldrich, Asst. Bank Examiner	Jackson.
"	V. C. Harrison, Senior Examiner, Union Trust Bldg.	Baltimore.	"	R. A. Aldrich, Assistant Bank Examiner	Battle Creek.
"	C. E. Baden, Jr., Junior Examiner, Union Trust Bldg.	Baltimore.	"	F. B. Campbell, Assistant Bank Examiner	Caro.
"	C. Raymond Frey, Junior Examiner, Union Trust Bldg.	Baltimore.	"	J. D. Cook, Assistant Bank Examiner	Union City.
"	Jesse C. Gawthrop, Junior Examiner, Union Trust Bldg.	Baltimore.	"	R. E. Crimmins, Asst. Bank Examiner	Manistee.
			"	L. M. Fenton, Assistant Bank Examiner	Port Huron.
			"	R. H. Garfield, Asst. Bank Examiner	Albion.
			"	G. A. Hodson, Assistant Bank Examiner	Grand Rapids.
			"	O. L. Jalving, Asst. Bank Examiner	Holland.
			"	F. M. Kropschot, Asst. Bank Examiner	Lansing.
			"	H. G. MacEachron, Asst. Bank Examiner	Hudsonville.
			"	E. J. Maetz, Assistant Bank Examiner	Allegan.
			"	R. C. McClellan, Assistant Bank Exam.	Grand Rapids.
			"	W. L. Roy, Assistant Bank Examiner	Pontiac.
			"	W. C. Schrader, Assistant Bank Examiner	Detroit.
			"	T. D. Sherk, Assistant Bank Examiner	Jackson.
			"	H. L. Switzer, Assistant Bank Examiner	Mt. Clemens.
			"	C. C. Tyson, Assistant Bank Examiner	Grand Rapids.
			"	R. B. Van Wert, Asst. Bank Examiner	Jackson.
			"	C. E. Williams, Assistant Bank Examiner	Ypsilanti.
			"	O. S. Wood, Jr., Asst. Bank Examiner	Barryton.
Mass.	Arthur Guy, Com. of Banks	Framingham.	Minn.	J. N. Peyton, Commissioner of Banks	St. Paul.
"	(Office of the Commissioner of Banks)	State House, Boston.	"	E. W. Swanson, Deputy Commissioner	Minneapolis.
"	L. R. W. Leland, Deputy Commissioner of Banks	Newtonville.	"	H. G. McConnell, Second Deputy Com.	Minneapolis.
"	Elwood A. Wyman, Director	Cambridge.	"	F. A. Amundson, Chief Clerk	St. Paul.
"	Chas. H. Answorth, Director	North Beverly.	"	W. A. Smith, Examiner in Charge of Liquidation	St. Paul.
"	O. M. Tucker, Director	West Somerville.	"	J. L. Haas, Examiner for Cities of First Class	St. Paul.
"	George F. Powers, Director	Arlington.	"	O. J. Brandvogel, Bank Examiner	Fergus Falls.
"	Charles J. Bateman, Jr., Asst. Director	Newtonville.	"	M. E. Walsh, Bank Examiner	St. Paul.
"	Eugene Brimmer, Asst. Director	Malden.	"	W. J. Stutzman, Bank Examiner	Mankato.
"	R. J. Tubbs, Asst. Director	Greenwood.	"	Jacob Rigg, Bank Examiner	Ada.
"	Nelson B. Davis, Chief Clerk	Newton Highlands.	"	D. R. Spieker, Bank Examiner	Minneapolis.
"	Forrest F. Bursley, Senior Bank Examiner	Somerville.	"	N. D. Dixon, Bank Examiner	Minneapolis.
"	Howard A. Clark, Senior Bank Examiner	Wakefield.	"	Henry Lende, Bank Examiner	Appleton.
"	Charles A. Crowell, Senior Bank Exam.	Salem.	"	C. M. Wenzel, Bank Examiner	St. Paul.
"	William E. Day, Senior Bank Examiner	Chelsea.	"	E. A. Highum, Bank Examiner	Preston.
"	Ralph E. Ellis, Senior Bank Examiner	Braintree.	"	F. J. Ludtke, Bank Examiner	Minneapolis.
"	Paul H. Heywood, Senior Bank Examiner	Wakefield.	"	H. R. Kneeland, Bank Examiner	St. Peter.
"	Harold P. Jenks, Senior Bank Examiner	Newton Centre.	"	H. V. Montgomery, Bank Examiner	Minneapolis.
"	William B. Jensen, Senior Bank Examiner	Framingham.	"	G. V. Markey, Assistant Examiner	Worthington.
"	John L. Keyes, Senior Bank Examiner	Lowell.	"	R. S. Picha, Assistant Examiner	St. Paul.
"	George C. Mansfield, Senior Bank Exam.	Rockland.	"	C. E. Melbye, Assistant Examiner	Fergus Falls.
"	Burt O. McKinley, Senior Bank Examiner	Lowell.	"	D. S. Struble, Assistant Examiner	Minneapolis.
"	Arthur S. Morey, Senior Bank Examiner	Belmont.	"	A. A. Wilcken, Assistant Examiner	Minneapolis.
"	John E. Turner, Senior Bank Examiner	Greenwood.	"	J. B. Johnson, Assistant Bank Examiner	St. Paul.
"	Horace W. Whynot, Senior Bank Examiner	Roslindeale.	"	G. W. Aakvik, Assistant Examiner	Mankato.
"	George W. Barron, Asst. Bank Examiner	Beverly.	"	J. F. Angell, Assistant Examiner	Crookston.
"	George F. Dayce, Asst. Bank Examiner	Plymouth.	"	J. N. Nelson, Assistant Examiner	St. Paul.
"	Joseph R. Beeble, Asst. Bank Examiner	South Braintree.	Miss.	J. S. Love, Supt. of Banks	Jackson.
"	Samuel W. Eldridge, Asst. Bank Exam.	Arlington Heights.	"	E. B. Fulgham, Secretary	Jackson.
"	Arthur W. Flint, Asst. Bank Examiner	Wakefield.	"	L. E. Brown, Special agent	Jackson.
"	Chester A. Gray, Asst. Bank Examiner	Medford.	"	R. G. Duke, Liquidating Agent	Jackson.
"	Charles W. Herzig, Asst. Bank Examiner	Roxbury.	"	C. T. Johnson, Bank Examiner	Jackson.
"	Francis J. Hillberg, Asst. Bank Examiner	Wellesley Hills.	"	B. H. Caldwell, Bank Examiner	Jackson.
"	Harrison S. King, Asst. Bank Exam.	Melrose.	"	E. M. Summer, Bank Examiner	Jackson.
"	George H. Magurn, Asst. Bank Examiner	Roslindeale.	"	H. O. Walker, Bank Examiner	Jackson.
"	John F. Rich, Asst. Bank Examiner	Dorchester.	"	W. B. Pollard, Bank Examiner	Jackson.
"	Stephen M. Torrey, Asst. Bank Exam.	Marblehead.	"	E. L. Brien, Jr., Bank Examiner	Jackson.
"	Geo. V. Wallace, Jr., Asst. Bank Examiner	Wakefield.	Mo.	S. L. Cantley, Commissioner of Finance	Jefferson City.
"	Nathan L. Whitten, Asst. Bank Exam.	Campello.	"	D. R. Harrison, Deputy Com. of Finance	Jefferson City.
"	Albert M. Whitworth, Asst. Bank Exam.	Lowell.	"	Truman Richards, Bank Examiner	Lamar.
"	Alexander H. Allan, Jr., Junior Bank Exam.	Newton.	"	W. A. Chapman, Bank Examiner	Hannibal.
"	Harold E. Almy, Junior Bank Examiner	Braintree.	"	C. M. Duncan, Bank Examiner	Poplar Bluff.
"	Carl H. Baker, Junior Bank Examiner	Wollaston.	"	W. A. Hombs, Bank Examiner	Glenwood.
"	Charles R. Bell, Junior Bank Examiner	Wollaston.	"	F. W. Heyde, Jr., Bank Examiner	St. Joseph.
"	Charles E. Boles, Junior Bank Examiner	Brookline.	"	Geo. U. Freund, Bank Examiner	Warrensburg.
"	Joseph L. Brighton, Junior Bank Exam.	Somerville.	"	E. T. Messenbaugh, Bank Examiner	Braymer.
"	Frederick J. Bye, Junior Bank Examiner	Worcester.	"	U. P. Moody, Bank Examiner	Mt. Vernon.
"	N. S. Chadwick, Junior Bank Examiner	Reading.	"	L. J. Mulligan, Bank Examiner	Kansas City.
"	Frederick A. Connell, Junior Bank Exam.	Brookline.	"	J. B. Norris, Bank Examiner	St. Louis.
"	Joseph F. Connellan, Junior Bank Exam.	Boston.	"	Roy D. Miller, Bank Examiner	St. Louis.
"	James H. Crowell, Junior Bank Examiner	Malden.	"	W. A. Shaw, Bank Examiner	Columbia.
"	Sidney L. Drown, Junior Bank Examiner	Malden.	"	R. B. Shelby, Bank Examiner	Maryville.
"	Michael J. Dunnigan, Junior Bank Exam.	Boston.	"	Joseph Zick, Bank Examiner	Kansas City.
"	Samuel T. Foster, Junior Bank Examiner	Waverley.	"	Fern E. Willard, Bank Examiner	Lebanon.
"	Henry Haerberle, Junior Bank Examiner	Jamaica Plain.	"	R. A. Miller, Bank Examiner	Columbia.
"	Frederick E. Haigis, Junior Bank Exam.	Roxbury.	"	L. F. Mills, Bank Examiner	St. Joseph.
"	Roland E. Hamel, Junior Bank Exam.	Watertown.	"	C. V. Estes, Bank Examiner	Greenville.
"	Frank A. Hannan, Junior Bank Examiner	Cambridge.	"	Eugene Wirth, Bank Examiner	Farmington.
"	Russell A. Hersee, Junior Bank Examiner	Roslindeale.	"	E. J. Geiselman, Asst. Bank Examiner	St. Louis.
"	Elmer Holmberg, Junior Bank Examiner	Worcester.			
"	G. W. Hoyt, Junior Bank Examiner	Malden.			
"	Herbert L. Keeble, Junior Bank Examiner	Roslindeale.			
"	Arthur A. LeMay, Junior Bank Examiner	Beverly.			
"	Arthur B. Malone, Junior Bank Exam.	Chelsea.			
"	Glen H. Martin, Junior Bank Examiner	Waltham.			
"	Frank W. McCabe, Junior Bank Examiner	Malden.			
"	Harold A. McKay, Junior Bank Exam.	Somerville.			
"	Willard A. Moulton, Junior Bank Exam.	Milton.			
"	James L. Patterson, Junior Bank Exam.	Brookline.			
"	Harry B. Quinn, Junior Bank Examiner	East Weymouth.			
"	Wm. F. Ritchie, Junior Bank Examiner	Belmont.			

STATE BANK OFFICIALS AND EXAMINERS—Continued

STATE	NAME	ADDRESS	STATE	NAME	ADDRESS
Mont.	G. M. Robertson, Supt. of Banks, State Capitol Bldg.	Helena.	N. Y.	Lawrence H. Geser, Bank Examiner	80 Centre St., N. Y.
"	S. L. Kleve, Bank Examiner	Helena.	(Cont.)	Geo. A. Strack, Bank Examiner	80 Centre St., N. Y.
"	S. B. Wallander, Bank Examiner	Helena.	"	Herbert C. Rogers, Bank Examiner	80 Centre St., N. Y.
"	R. W. Bailey, Bank Examiner	Helena.	"	E. J. Bangert, Bank Examiner	Holland.
Neb.	E. H. Luikart, Deputy Secretary, Department of Trade and Commerce	State Capitol Bldg., Lincoln.	"	Fred T. Bolan, Bank Examiner	80 Centre St., N. Y.
"	Geo. W. Woods, Bank Commissioner, Department of Trade and Commerce, State Capitol Bldg.	Lincoln.	"	Charles Clarke, Bank Examiner	Delmar.
"	Merle N. Foster, Chief Examiner, Dept. of Trade and Commerce	State Capitol Bldg., Lincoln.	"	Mortimer S. Cole, Bank Examiner	80 Centre St., N. Y.
"	Fred E. Allen, Bank Examiner	Lincoln.	"	Alfred L. Taylor, Bank Examiner	80 Centre St., N. Y.
"	Wm. Barkley, Bank Examiner	1418 L. St., Lincoln.	"	Wm. D. Navin, Bank Examiner	Buffalo.
"	Fred W. Carter, Bank Examiner	Hildreth.	"	John M. Egan, Bank Examiner	80 Centre St., N. Y.
"	J. Y. Castle, Bank Examiner	Grand Island.	"	Ambrose J. Delaney, Bank Examiner	Rochester.
"	Merl H. Garrison, Bank Examiner	Hastings.	"	Guy F. Baker, Bank Examiner	Syracuse.
"	Richard Hadley, Bank Examiner	Holstein.	"	Frank C. Maher, Bank Examiner	Albany.
"	C. R. Haines, Bank Examiner	Merna.	"	Arthur P. McQuade, Bank Examiner	80 Centre St., N. Y.
"	L. L. Hallstead, Bank Examiner	Albion.	"	Thomas M. Little, Bank Examiner	Syracuse.
"	Earle Horner, Bank Examiner	Beaver Crossing.	"	James A. Schaumburg, Bank Examiner	80 Centre St., N. Y.
"	R. H. Larson, Bank Examiner	3322 S. 20th St., Omaha.	"	Wm. P. Mitchell, Bank Examiner	80 Centre St., N. Y.
"	A. F. Jorgenson, Bank Examiner	309 Melick Annex, Lincoln.	"	Andrew Eisen, Bank Examiner	80 Centre St., N. Y.
"	C. A. Lau, Bank Examiner	Sutherland.	"	George R. Dise, Bank Examiner	Buffalo.
"	Virgil S. Lee, Bank Examiner	Olysses.	"	Marcus Koster, Bank Examiner	80 Centre St., N. Y.
"	J. F. McLain, Bank Examiner	3160 Dodge St., Omaha.	"	Edward H. Leete, Bank Examiner	80 Centre St., N. Y.
"	F. W. Robb, Bank Examiner	610 S. 17, Apt. C, Lincoln.	"	John J. Sullivan, Bank Examiner	Albany.
"	Norbert Steinauer, Bank Examiner	1332 S. 11 St., Lincoln.	"	Guy E. Thompson, Bank Examiner	Kenmore.
"	Geo. B. Wilson, Chief, Building and Loan Examiner-Trust Co. Examiner	Lincoln.	"	Chas. H. Schoch, Bank Examiner	80 Centre St., N. Y.
"	John J. Aron, Building and Loan Examiner-Trust Co. Examiner	Lincoln.	"	John A. Tripp, Bank Examiner	Rochester.
"	H. V. Davis, Building and Loan Examiner-Trust Co. Examiner	Lincoln.	"	William J. McAuliffe, Bank Examiner	80 Centre St., N. Y.
"	Tewes Rohlf, Building and Loan Examiner-Trust Co. Examiner	Omaha.	"	Clarence A. Masker, Bank Examiner	80 Centre St., N. Y.
Nev.	E. J. Seaborn, Bank Examiner	Carson City.	"	Earl Harkness, Bank Examiner	80 Centre St., N. Y.
N. H.	J. E. Sullivan, Commissioner	State House, Concord.	"	Geo. J. Riedel, Bank Examiner	80 Centre St., N. Y.
"	Leon O. Gerry, Deputy Com.	Concord.	"	Geo. A. Porter, Bank Examiner	80 Centre St., N. Y.
N. J.	G. Hayes Markley, Deputy Com.	State House Annex, Trenton.	"	Edward Zimmerman, Jr., Bank Examiner	Buffalo.
"	Robert B. Allardice, Special Asst. Deputy Com.	Trenton.	"	Walter H. Wiesner, Bank Examiner	80 Centre St., N. Y.
"	A. S. Amerman, Special Asst. Deputy Com.	Trenton.	"	Bernard J. Hirschfeld, Bank Examiner	80 Centre St., N. Y.
"	George Compton, Special Asst. Deputy Com.	Trenton.	"	A. O. Johnson, Bank Examiner	80 Centre St., N. Y.
"	Frank J. Fitzpatrick, Special Asst. Deputy Com.	Trenton.	"	Galard R. Dorman, Bank Examiner	80 Centre St., N. Y.
"	Verner D. Peer, Special Asst. Deputy Com.	Trenton.	"	Robert A. Barnett, Jr., Bank Examiner	80 Centre St., N. Y.
"	Winfield S. Shann, Special Asst. Deputy Com.	Trenton.	"	Thomas Martinus, Bank Examiner	80 Centre St., N. Y.
"	Frank H. Betz, Senior Bank Examiner	Trenton.	"	Joseph B. Zweifel, Bank Examiner	80 Centre St., N. Y.
"	John T. Connolly, Senior Bank Examiner	Trenton.	"	John C. Dieckert, Bank Examiner	Rochester.
"	Walter B. Firman, Senior Bank Examiner	Trenton.	"	John D. Hamilton, Bank Examiner	Syracuse.
"	Theodore B. Furman, Senior Bank Ex.	East Orange.	"	H. R. MacEwen, Bank Examiner	80 Centre St., N. Y.
"	Oscar B. Garthwaite, Jr., Senior Bk. Exam.	Rahway.	"	John R. McCloskey, Bank Examiner	80 Centre St., N. Y.
"	Benjamin P. Gregg, Senior Bk. Exam.	Bloomfield.	"	Arthur J. Ruhl, Bank Examiner	80 Centre St., N. Y.
"	George A. McLaughlin, Senior Bk. Examiner	Bordentown.	"	Robert E. Pratt, Bank Examiner	80 Centre St., N. Y.
"	Harry Prosser, Senior Bank Examiner	Atlantic City.	"	Wm. De C. White, Bank Examiner	80 Centre St., N. Y.
"	Edw. B. Snook, Senior Bank Examiner	Belleville.	"	Roger F. Molloy, Bank Examiner	80 Centre St., N. Y.
"	William M. Struble, Senior Bank Examiner	Trenton.	"	Edward F. X. Wolfe, Bank Examiner	80 Centre St., N. Y.
"	John M. Baker, Bank Examiner	Rutherford.	"	Paul V. Liehr, Bank Examiner	Syracuse.
"	Franklin W. Bright, Bank Examiner	Jersey City.	"	John J. Cavanaugh, Bank Examiner	80 Centre St., N. Y.
"	John B. Cunningham, Bank Examiner	Elizabeth.	"	Robert E. Chellis, Bank Examiner	Syracuse.
"	Edward M. Field, Bank Examiner	Clifton.	"	D. Cushman, Bank Examiner	80 Centre St., N. Y.
"	John M. Jones, Bank Examiner	Grantwood.	"	Edmond W. Browne, Bank Examiner	80 Centre St., N. Y.
"	Charles A. Kraus, Bank Examiner	Collingwood.	"	Joseph V. Mullaly, Bank Examiner	80 Centre St., N. Y.
"	Harry Z. Levick, Bank Examiner	Emerson.	"	H. Le Roy Miller, Bank Examiner	Rochester.
"	Walter L. Lyons, Bank Examiner	North Plainfield.	"	Margaret E. Kennedy, Bank Examiner	80 Centre St., N. Y.
"	Herbert L. Morris, Bank Examiner	Atlantic City.	"	James A. Sheeran, Bank Examiner	80 Centre St., N. Y.
"	Morris L. Parsels, Bank Examiner	Ridgefield Park.	"	Henry J. Nauer, Bank Examiner	80 Centre St., N. Y.
"	Frank M. Power, Bank Examiner	Trenton.	"	A. Charles Ruocco, Bank Examiner	80 Centre St., N. Y.
"	Alfred Sasser, Bank Examiner	Belleville.	"	John Lacke, Bank Examiner	Buffalo.
"	Ralph G. Smith, Bank Examiner	Summit.	"	Francis J. Devantoy, Bank Examiner	80 Centre St., N. Y.
"	D. O. Stably, Bank Examiner	Hightstown.	"	Michael A. Kearns, Bank Examiner	80 Centre St., N. Y.
"	John W. West, Bank Examiner	Elizabeth.	"	Charles R. Johnson, Bank Examiner	80 Centre St., N. Y.
"	David W. Andrews, Junior Bank Examiner	Trenton.	"	William Toner, Bank Examiner	80 Centre St., N. Y.
"	Jos. E. Connelly, Junior Bank Examiner	Orange.	"	Francis A. Florin, Bank Examiner	80 Centre St., N. Y.
"	J. Clifford Feaster, Junior Bank Examiner	Newark.	"	Arthur W. Dahl, Bank Examiner	80 Centre St., N. Y.
"	Charles Laventhal, Junior Bank Examiner	Trenton.	"	Raymond F. Garraty, Bank Examiner	Buffalo.
"	James J. Malan, Junior Bank Examiner	Trenton.	"	Scudder D. Gildersleeve, Bank Examiner	80 Centre St., N. Y.
"	A. F. Vitoritto, Junior Bank Examiner	Trenton.	"	James McWilliams, Bank Examiner	80 Centre St., N. Y.
N. M.	John Bingham, State Bk. Ex.	Capitol Bldg., Santa Fe.	"	Clarence F. Hartig, Bank Examiner	80 Centre St., N. Y.
"	R. H. Carter, Deputy State Bk. Exam.	Santa Fe.	"	Charles R. Murray, Bank Examiner	Syracuse.
"	W. W. Hollifield, Deputy State Bk. Ex.	Santa Fe.	"	Alister W. D. Steele, Bank Examiner	80 Centre St., N. Y.
"	R. W. Heflin, Special Asst. Blue-sky Dept.	Santa Fe.	"	Leslie W. Wintch, Bank Examiner	80 Centre St., N. Y.
N. Y.	Joseph A. Broderick, Supt., State of New York	Capitol Bldg., Albany.	"	Patrick J. McConnell, Bank Examiner	80 Centre St., N. Y.
"	G. W. Egbert, Deputy	80 Centre St., N. Y.	"	Salvino C. Marola, Bank Examiner	80 Centre St., N. Y.
"	August Ihlefeld, Jr., Deputy	80 Centre St., N. Y.	"	Arthur R. Seaton, Bank Examiner	80 Centre St., N. Y.
"	R. W. Pawling, Deputy	80 Centre St., N. Y.	"	Arthur D. Rooney, Bank Examiner	80 Centre St., N. Y.
"	George A. Coleman, Deputy	80 Centre St., N. Y.	"	William Breslau, Bank Examiner	80 Centre St., N. Y.
"	James J. Heenehan, Deputy	80 Centre St., N. Y.	"	Walter E. Riddle, Bank Examiner	80 Centre St., N. Y.
"	H. S. Andrews, Bank Examiner	80 Centre St., N. Y.	"	Albert Wenzel, Bank Examiner	80 Centre St., N. Y.
"	R. W. Humphrey, Bank Examiner	80 Centre St., N. Y.	"	E. R. McAuliffe, Bank Examiner	Jackson Heights, L.I.
"	J. S. Love, Bank Examiner	80 Centre St., N. Y.	"	Stuart C. Dew, Bank Examiner	Rochester.
"	Fletcher G. Crane, Bank Examiner	80 Centre St., N. Y.	"	James A. Murray, Bank Examiner	Albany.
"	H. B. Kennedy, Bank Examiner	Auburn.	"	Wm. I. J. Conway, Bank Examiner	Buffalo.
"	Joseph H. Zweeres, Bank Examiner	Rochester.	"	Wm. G. Alfonsin, Bank Examiner	80 Centre St., N. Y.
"	John I. Mesick, Bank Examiner	80 Centre St., N. Y.	"	John O. Beau, Bank Examiner	80 Centre St., N. Y.
"	F. W. Piderit, Bank Examiner	80 Centre St., N. Y.	"	Raymond G. Butler, Bank Examiner	80 Centre St., N. Y.
"	Peter N. Shippee, Bank Examiner	Albany.	"	Wm. H. Carroll, Bank Examiner	80 Centre St., N. Y.
"	Arthur B. Vogel, Bank Examiner	80 Centre St., N. Y.	"	Sydney I. Chittenden, Bank Examiner	80 Centre St., N. Y.
"	E. W. Irving, Bank Examiner	80 Centre St., N. Y.	"	Frank Flaherty, Bank Examiner	80 Centre St., N. Y.
"	C. E. Nathaway, Bank Examiner	80 Centre St., N. Y.	"	Claude C. Foulk, Bank Examiner	80 Centre St., N. Y.
"	Rho. L. Bush, Bank Examiner	80 Centre St., N. Y.	"	Henry W. Gredel, Bank Examiner	80 Centre St., N. Y.
"	Louis N. Roe, Bank Examiner	80 Centre St., N. Y.	"	John J. Hicks, Bank Examiner	80 Centre St., N. Y.
"	Ralph T. Simmons, Bank Examiner	80 Centre St., N. Y.	"	P. Raymond Krause, Bank Examiner	Albany.
"	G. M. Aldrich, Bank Examiner	80 Centre St., N. Y.	"	Joseph W. Kusterko, Bank Examiner	80 Centre St., N. Y.
			"	Matthew W. McAvooy, Bank Examiner	80 Centre St., N. Y.
			"	L. B. Millsbaugh, Bank Examiner	80 Centre St., N. Y.
			"	Chas. M. Morat, Bank Examiner	80 Centre St., N. Y.
			"	Edward J. Morehaus, Bank Examiner	80 Centre St., N. Y.
			"	George S. Notarpole, Bank Examiner	80 Centre St., N. Y.
			"	Edward P. Pedlowe, Bank Examiner	80 Centre St., N. Y.
			"	Edward J. Pierce, Bank Examiner	80 Centre St., N. Y.
			"	Arthur J. McQuade, Bank Examiner	80 Centre St., N. Y.
			"	James F. Moran, Bank Examiner	80 Centre St., N. Y.
			"	Vincent C. Reuther, Bank Examiner	80 Centre St., N. Y.
			"	M. L. Masson, Bank Examiner	Buffalo.
			"	John L. Seigars, Bank Examiner	Albany.
			"	Ralph W. Taylor, Bank Examiner	80 Centre St., N. Y.
			"	Henry C. Bartsch, Bank Examiner	80 Centre St., N. Y.
			"	Paul McClintock, Bank Examiner	Albany.
			"	W. Elmore Slack, Bank Examiner	Albany.
			"	Gerard A. Buckley, Bank Examiner	80 Centre St., N. Y.
			"	Garret E. Fitzgerald, Bank Examiner	80 Centre St., N. Y.
			"	Samuel T. Knapp, Bank Examiner	Buffalo.
			"	Jesse J. Finn, Bank Examiner	Schenectady.
			"	David Rinaldi, Bank Examiner	Schenectady.
			"	John D. Dever, Bank Examiner	80 Centre St., N. Y.
			"	Berthel Esperson, Bank Examiner	Silver Creek, N. Y.
			"	Clinton D. Ganse, Bank Examiner	80 Centre St., N. Y.
			"	Albert F. Kendall, Bank Examiner	Rochester.
			"	Albert De Lisser, Bank Examiner	80 Centre St., N. Y.
			"	Joseph J. Kennedy, Bank Examiner	Rochester.
			"	William J. Kennedy, Bank Examiner	Rochester.
			"	Frank S. Ross, Bank Examiner	80 Centre St., N. Y.
			"	John M. Six, Bank Examiner	Rochester.
			"	Henry A. Jud, Bank Examiner	80 Centre St., N. Y.
			"	August Langhauser, Bank Examiner	80 Centre St., N. Y.
			"	Paul V. Martin, Bank Examiner	80 Centre St., N. Y.
			"	Frank J. Mitchell, Bank Examiner	80 Centre St., N. Y.
			"	Vincent J. Nolan, Bank Examiner	80 Centre St., N. Y.
			"	John C. Hasbrouck, Bank Examiner	80 Centre St., N. Y.

STATE BANK OFFICIALS AND EXAMINERS—Continued

STATE	NAME	ADDRESS	STATE	NAME	ADDRESS
N. Y.	Arthur W. Mischanko, Bank Examiner	80 Centre St., N. Y.	Pa.	J. W. Barrett, Bank Examiner	Bethlehem.
(Cont.)	John C. O'Byrne, Bank Examiner	Binghamton.	(Cont.)	Chas. K. Booda, Bank Examiner	Upper Darby.
	Allen L. Gillett, Bank Examiner	80 Centre St., N. Y.		A. Rise Bowman, Bank Examiner	Lebanon.
	Albert P. Fallon, Bank Examiner	80 Centre St., N. Y.		Christian H. Brandt, Bank Examiner	Mechanicsburg.
N. C.	Gurney P. Hood, Commissioner of Banks	Raleigh.		Walter C. Bronnels, Bank Examiner	Conneautville.
	C. I. Taylor, Liquidating Agent	Raleigh.		Chas. W. Brown, Bank Examiner	Drexel Hill.
	W. L. Williams, Bank Examiner	Raleigh.		Earl D. Buck, Bank Examiner	Muncy.
	D. M. Darden, Bank Examiner	Raleigh.		R. B. Carmany, Bank Examiner	Myerstown.
	L. H. Harrison, Asst. Bank Examiner	Raleigh.		Wm. V. Davies, Bank Examiner	Harrisburg.
	W. M. Wiggins, Asst. Bank Examiner	Raleigh.		Fred K. Denison, Bank Examiner	Bywood.
	B. R. Roberts, Asst. Bank Examiner	Raleigh.		Thomas Dixon, Bank Examiner	Philadelphia.
	J. B. Carson, Asst. Bank Examiner	Raleigh.		Robert C. Enders, Bank Examiner	Harrisburg.
	J. A. Reagan, Asst. Bank Examiner	Raleigh.		Robert G. Felix, Bank Examiner	Philadelphia.
	J. E. Bobbitt, Clerk-Examiner	Raleigh.		Robert P. Ferguson, Chief Bank Examiner	Philadelphia.
	Jno. F. Sullivan, Asst. Bank Examiner	Raleigh.		Wayne V. Frye, Bank Examiner	Monessen.
	S. B. Kittrell, Asst. Bank Examiner	Raleigh.		J. Allen Gebhard, Bank Examiner	Allentown.
	Dorsey W. Lynch, Clerk-Examiner	Raleigh.		Frank Glatfelter, Bank Examiner	Philadelphia.
N. D.	Gilbert Semington, State Examiner	Bismarck.		Raymond H. Gorsuch, Bank Examiner	Yellow Creek.
	J. M. Shirek, Office Deputy	Bismarck.		Frederick C. Hallowell, Bank Examiner	Wayne.
	R. S. See, Deputy Examiner	Minot.		U. Shuman Hart, Bank Examiner	Carlisle.
	J. W. Goodman, Deputy Examiner	Bismarck.		John R. Hostetter, Bank Examiner	St. Thomas.
	P. L. Larsen, Deputy Examiner	Valley City.		R. K. Houck, Bank Examiner	Indiana.
	J. K. Nesvik, Deputy Examiner	Grand Forks.		Harold T. Houston, Bank Examiner	Beaver Falls.
	Andrew Sathe, Deputy Examiner (City and Co.)	Valley City.		T. Earl Hutchinson, Bank Examiner	Upper Darby.
	J. R. Snyder, Deputy Exam. (City and Co.)	Bismarck.		John Isaac, Bank Examiner	Scranton.
	J. A. Brown, Deputy Exam. (City and Co.)	Rolla.		Elbot D. Jones, Bank Examiner	Kingston.
Ohio	I. J. Fulton, Superintendent of Banks	Columbus.		Elwood H. Keitnan, Chief Bank Examiner	Wilkes-Barre.
	A. C. Krug, Deputy Superintendent	Columbus.		Ralph W. Knowles, Bank Examiner	Philadelphia.
	D. A. Piller, Chief Examiner	Columbus.		C. F. T. Lancaster, Bank Examiner	Bellevue.
	F. R. Ambrose, Examiner	Columbus.		R. F. Landis, Bank Examiner	Halifax.
	E. R. Schurr, Examiner	London.		R. S. Landis, Bank Examiner	Lancaster.
	Chas. G. Saffin, Jr., Attorney Examiner	Columbus.		M. J. Lavin, Bank Examiner	Wilkes-Barre.
	George T. Blake (foreign Ex. & Tr. Officer)	Columbus.		A. V. Lees, Bank Examiner	Swarthmore.
	C. W. Miller, Liquidating Agent	Newark.		W. Dittrich Levy, Bank Examiner	Philadelphia.
	D. J. Schurr, Liquidating Agent	Columbus.		Wilson D. Lewis, Bank Examiner	Harrisburg.
	F. H. Downing, Liquidating Agent	Lima.		Ralph Lischy, Bank Examiner	Roslyn.
	H. F. Ashley, Bank Examiner	Oberlin.		Wm. J. McCuen, Bank Examiner	Philadelphia.
	Charles G. Bell, Bank Examiner	Norwalk.		Howard A. McCullough, Bank Examiner	Philadelphia.
	Irene Berger, Bank Examiner	Mt. Vernon.		Thos. P. McGarrity, Bank Examiner	Philadelphia.
	John A. Head, Bank Examiner	Greenfield.		Jos. F. Malott, Bank Examiner	Philadelphia.
	A. J. Romer, Bank Examiner	Floral Ave., Norwood.		Leonard Markofski, Bank Examiner	Kingston.
	G. W. Burr, Bank Examiner	Lakewood.		Ondree H. Marsh, Bank Examiner	Tumkshannock.
	C. L. Ault, Bank Examiner	644 Oxford Ave., Dayton.		Chas. B. Matsinger, Bank Examiner	Clarks Summit.
	Wm. S. Fronizer, Bank Examiner	Sandusky.		Raymond A. Mayer, Bank Examiner	Valley View.
	E. B. Gray, Bank Examiner	Columbus.		John J. Meighen, Bank Examiner	Waynesburg.
	F. L. Harrison, Bank Examiner	Columbus.		James M. Miller, Bank Examiner	Pittsburgh.
	C. D. Houser, Bank Examiner	Upper Sandusky.		J. Stanley Miller, Bank Examiner	Harrisburg.
	A. E. Johnson, Bank Examiner	Marion.		Paul H. Miller, Bank Examiner	Baileville.
	Isaac Jones, Bank Examiner	Cincinnati.		Wm. F. Mitchell, Bank Examiner	Philadelphia.
	Eugene E. King, Bank Examiner	Deshler.		Howard A. Neidig, Bank Examiner	Lemoyne.
	Wm. M. Konzen, Bank Examiner	Napoleon.		John L. O'Harrow, Bank Examiner	Philadelphia.
	John F. Kramer, Jr., Bank Examiner	Mansfield.		E. Paul Oliphant, Bank Examiner	Mt. Carmel.
	Leroy Kuhlman, Bank Examiner	Dover.		W. E. Palmer, Jr., Bank Examiner	Pittsburgh.
	C. A. Ladrach, Bank Examiner	New Knoxville.		C. Edwin Payne, Bank Examiner	Pleasant Mount.
	C. R. Lawrence, Bank Examiner	Columbus.		Guy P. Porter, Bank Examiner	West Newton.
	R. F. Lind, Bank Examiner	Canton.		Elmer D. Reinert, Bank Examiner	Philadelphia.
	H. L. Lockwood, Bank Examiner	Frankfort.		Ralph W. Reitzel, Bank Examiner	Williamsport.
	Gustave H. Lonsway, Bank Examiner	Tiffin.		Ralph S. Roth, Bank Examiner	Pittsburgh.
	Wm. Taafel, Bank Examiner	136 Jefferson Rd., Newark.		Charles K. Schaeffer, Bank Examiner	Philadelphia.
	Thomas McEldowny, Bank Examiner	Upper Sandusky.		H. L. Scott, Bank Examiner	Ben Avon.
	Paul Mitchell, Bank Examiner	Columbus.		Wm. C. Selsor, Bank Examiner	Philadelphia.
	W. J. Monahan, Bank Examiner	Columbus.		R. H. Shick, Bank Examiner	Duquesne.
	R. W. Mytholar, Bank Examiner	Akron.		Geo. T. Sloan, Bank Examiner	Carnegie.
	N. E. Reichelderfer, Bank Examiner	Circleville.		Charles W. Snyder, Bank Examiner	Sunbury.
	Chas. C. Roberts, Jr., Bank Examiner	Hamden.		Scott A. Soles, Bank Examiner	McKeesport.
	Clyde Sharp, Bank Examiner	Ada.		Wm. M. Steele, Bank Examiner	Harrisburg.
	W. J. Skehan, Bank Examiner	Toledo.		Chas. A. Steele, Bank Examiner	Franklin.
	L. E. Smart, Bank Examiner	Findlay.		Raymond R. Stoner, Bank Examiner	Harrisburg.
	Edgar L. Traxler, Bank Examiner	Lakewood.		Chas. G. Strang, Bank Examiner	Punxsutawney.
	John C. Van Pelt, Bank Examiner	Columbus.		Frank S. Strite, Bank Examiner	Greencastle.
	Frank Wagner, Bank Examiner	E. Cleveland.		Donald H. Strong, Bank Examiner	Philadelphia.
	Paul Warner, Bank Examiner	Utica.		George M. Stroud, Jr., Bank Examiner	Chester.
	Clarence B. Welsby, Bank Examiner	Akron.		George S. Summers, Chief Bank Exam.	Harrisburg.
	Joseph E. Welsh, Bank Examiner	London.		J. D. Swigart, Chief Bank Examiner	Pittsburgh.
	R. H. Willett, Bank Examiner	Greenwich.		J. W. Taylor, Bank Examiner	Clairton.
	B. L. Williams, Bank Examiner	Blanchester.		Wm. R. Turner, Bank Examiner	Chester.
	C. Edwin Lovell, Bank Examiner	McConnelsville.		Cyril G. Vogel, Bank Examiner	Pittsburgh.
	H. C. Lucas, Bank Examiner	Cincinnati.		Ed. W. Wentworth, Bank Examiner	Dormont.
	L. C. Bucher, Bank Examiner	Dayton.		J. F. Whelihan, Jr., Bank Examiner	Philadelphia.
Okla.	C. G. Shull, Bank Commissioner	Capitol Bldg., Oklahoma City.		Horace C. Whiteman, Bank Examiner	Sharon Hill.
	C. J. Alexander, Asst. Bank Com.	Capitol Bldg., Oklahoma City.		Fred Wigfield, Jr., Bank Examiner	Steelton.
	J. D. Pennington, Bank Examiner	Capitol Bldg., Oklahoma City.		W. R. Wirth, Bank Examiner	Pittsburgh.
	W. C. Ernest, Bank Examiner	Capitol Bldg., Oklahoma City.		Chas. S. Worthington, Bank Examiner	Doylestown.
	A. F. Manning, Bank Examiner	Capitol Bldg., Oklahoma City.		Paul A. Yeager, Bank Examiner	Du Bois.
	H. H. Hinkle, Bank Examiner	Hugo.		Chas. H. Zimmerman, Bank Examiner	Huntingdon.
	E. E. Wilson, Bank Examiner	Oklahoma City.		Arthur G. Graham, Bank Examiner	Philadelphia.
	M. C. Trimble, Bank Examiner	Shawnee.		Frederic L. Zellner, Bank Examiner	McKees Rocks.
	Tom G. Taylor, Bank Examiner	Oklahoma City.		D. Boulton Musser, Bank Examiner	Camp Hill.
	R. A. Patton, Bank Examiner	Claremore.		Luther A. Harr, Bank Examiner	Philadelphia.
Ore.	A. A. Schramm, Supt. of Banks	Salem.	R. I.	Latimer W. Ballou, Bank Commissioner	Room 110 State House, Providence.
	Tinkham Gilbert, Asst. Supt. of Banks	Salem.		E. J. Littlefield, Deputy Commissioner	Providence.
	H. O. Voegt, Examiner	Portland.		W. L. Offer, Bank Examiner	Providence.
	Herbert F. Clarke, Examiner	Portland.		John T. Pollard, Bank Examiner	East Providence.
	M. W. Starbuck, Examiner	Portland.		R. L. Sayles, Bank Examiner	Cranston.
	George E. Cusick, Examiner	Portland.		Andrew Winsor, Bank Examiner	Providence.
	E. T. Way, Examiner	Portland.		Wm. B. Fraser, Bank Examiner	Warwick.
	O. J. Smith, Secretary	Salem.		John T. Marshall, Jr., Bank Examiner	Barrington.
	Sydney Kromer, Statistician	Salem.		Irma G. Henrikson, Clerk	Providence.
Pa.	William D. Gordon, Secretary of Banking	State Capitol Bldg., Harrisburg.		Madeline M. Lamb, Clerk	Providence.
	Robert W. Doty, First Deputy Secretary	Harrisburg.	S. C.	Albert S. Fant, State Bank Examiner	Columbia.
	Wm. H. Soule, Chief Bank Examiner	Newport.		W. R. Watkins, Associate Bank Exam.	Greenville.
	H. E. Eshbach, Chief, Bureau of Bldg. & Loan Associations	Harrisburg.		D. J. Winn, Associate Bank Examiner	Darlington.
	Laurence C. Glass, Chief Clerk	Harrisburg.		C. M. Fuller, Associate Bank Examiner	Spartanburg.
	O. B. Lippman, Chief, Bureau of Private Banks	Harrisburg.		W. R. Scarborough, Asst. Bank Examiner	Columbia.
	Albert J. Allison, Jr., Bank Examiner	Washington.		W. N. Query, Asst. Bank Examiner	Columbia.
	R. Harold Auen, Bank Examiner	Pittsburgh.		C. L. Walker, Asst. Bank Examiner	Greenville.
				Leroy Wilson, Asst. Bank Examiner	Columbia.
				W. T. Bailey, Assistant Bank Examiner	Greenwood.
				J. M. Smith, Auditor State Institutions	Columbia.
				F. B. Ruff, Auditor State Institutions	Columbia.
				Roof Shealy, Auditor State Institutions	Columbia.
				H. C. Smith, Asst. Bank Examiner	Columbia.
			S. D.	E. A. Ruden, Supt. of Banks	Pierre.
				A. E. Fossom, Deputy Supt. of Banks	Pierre.
				A. L. Wilholm, Asst. to Supt. of Banks	Pierre.
				T. B. Thorson, Counsel	Pierre.
				U. G. Stevenson, Bank Examiner	Stoux Falls.
				E. J. Morris, Bank Examiner	Aberdeen.
				Chris Hirning, Bank Examiner	Mitchell.
				S. E. Anderson, Bank Examiner	Stoux Falls.
				H. E. Boettcher, Bank Examiner	Yankton.
				F. S. Barber, Bank Examiner	Pierre.
				A. E. Dahl, Bank Examiner	Castlewood.

STATE BANK OFFICIALS AND EXAMINERS—Continued

STATE	NAME	ADDRESS	STATE	NAME	ADDRESS
Tenn.	D. D. Robertson, Supt. of Banks.	512-14 Bennie Dillon Bldg., Nashville.	Wash.	C. S. Moody, Supervisor of Banking	Olympia.
"	W. Roy Smith, Deputy & Chief Clerk	Nashville.	"	S. Zeno Varnes, Deputy Supervisor of Bkg.	Olympia.
"	J. F. Hunt, Bank Examiner	Memphis.	"	H. S. Wilson, Bank Examiner	Spokane.
"	H. G. Bratton, Bank Examiner	Nashville.	"	A. L. Cryor, Bank Examiner	Spokane.
"	J. M. Davis, Bank Examiner	Lawrenceburg	"	Geo. H. Jackson, Bank Examiner	Seattle.
"	H. B. Clarke, Bank Examiner	Troy.	"	A. J. Cotton, Bank Examiner	Longview.
"	J. D. Smith, Bank Examiner	Milan.	"	Geo. M. Lewis, Bank Examiner	Olympia.
"	W. A. Dance, Bank Examiner	Knoxville.	"	L. J. Esslinger, Bank Examiner	Seattle.
"	F. L. Gardner, Bank Examiner	Chattanooga.	"	A. R. Bergman, Bank Examiner	Yakima.
			"	Fred W. Moe, Bank Examiner	Spokane.
			"	Geo. F. Palmer, Bank Examiner	Vancouver.
Texas	James Shaw, Banking Commissioner	State Capitol, Austin	W. Va.	L. R. Charter, Com. of Banking	Charleston.
"	J. E. Roberts, Deputy Banking Com.	State Capitol, Austin	"	Helen S. Barringer, Deputy Commissioner	Charleston.
"	B. W. Wooten, Departmental Examiner	Austin.	"	Alta Wagner, Secretary	Charleston.
"	F. C. Branson, Bank Examiner	State Capitol, Austin	"	Nina B. Wills, Typist	Charleston.
"	L. J. Davis, Bank Examiner	State Capitol, Austin	"	W. R. Seal, Bank Examiner	Charleston.
"	W. W. Dees, Bank Examiner	State Capitol, Austin	"	O. S. Summers, Bank Examiner	Clendenin.
"	J. M. Falkner, Bank Examiner	State Capitol, Austin	"	M. Workman, Bank Examiner	Keyser.
"	W. N. Greer, Bank Examiner	State Capitol, Austin	"	C. F. Smith, Bank Examiner	West Union.
"	H. W. Barton, Bank Examiner	State Capitol, Austin	"	F. O. Lamb, Bank Examiner	Bluefield.
"	C. S. Holderness, Bank Examiner	State Capitol, Austin	"	D. Gay Flesherman, Asst. Bank Examiner	Waltton.
"	M. E. Hulsey, Bank Examiner	State Capitol, Austin	"	K. S. Coleman, Bank Exam., Bldg. & Loan	Charleston.
"	E. W. Jamison, Bank Examiner	State Capitol, Austin	"	C. E. Lawhead, Receiver	Clarksburg.
"	J. T. McMillin, Bank Examiner	State Capitol, Austin	"	L. D. Griffin, Receivership division	Clarksburg.
"	G. A. Swain, Bank Examiner	State Capitol, Austin	"	Earl Dixon, Receivership Division	Masonstown.
"	Walter B. Rider, Bank Examiner	State Capitol, Austin	"	S. L. Edler, Receivership Division	Kenova.
"	G. H. Heath, Bank Examiner	State Capitol, Austin	"	E. L. Morrison, Receiver	Charleston.
"	M. S. Wiginton, Asst. Bank Examiner	State Capitol, Austin			
"	A. G. Adams, Jr., Asst. Bank Examiner	State Capitol, Austin	Wis.	C. F. Schwenker, Commissioner	State Capitol Bldg., Madison.
"	John Kvinta, Asst. Bank Examiner	State Capitol, Austin	"	Thomas Herreid, Deputy Commissioner	Madison.
"	A. O. Nicholson, Asst. Bank Examiner	State Capitol, Austin	"	C. P. Diggles, Supervisor Bldg. & Loan	Madison.
			"	R. B. Ellis, Bank Examiner	Madison.
Utah	W. H. Hadlock, Bank Commissioner, Room 217, State Capitol Bldg.	Salt Lake City.	"	Chas. T. Shape, Bank Examiner	Milwaukee.
"	Chesley Barton, Chief Examiner	Salt Lake City.	"	W. C. Edwards, Bank Examiner	Madison.
"	Ernest C. Robbins, Bank Examiner	Salt Lake City.	"	G. W. Jamieson, Bank Examiner	Madison.
"	J. W. Jones, Bank Examiner	Salt Lake City	"	I. E. Backus, Bank Examiner	Madison.
			"	Geo. O. F. Poundstone, Bank Examiner	Appleton.
Vt.	R. C. Clark, Bank Commissioner, State St.	Montpelier.	"	S. N. Schafer, Bank Examiner	Madison.
"	Jessie A. Watkins, Chief Clerk	Montpelier	"	G. A. Shape, Bank Examiner	Madison.
"	L. H. Lavalley, Bank Examiner	Rutland.	"	Harry W. Barney, Bank Examiner	Sparta.
"	R. D. Watkins, Bank Examiner	Barre.	"	Thos. M. Purtell, Bank Examiner	Madison.
"	R. L. Kelleher, Bank Examiner	Montpelier.	"	Stanley N. Caldwell, Bank Examiner	Madison.
			"	E. L. Richardson, Bank Examiner	Fond du Lac.
			"	C. L. Pitman, Bank Examiner	Milwaukee.
			"	Harry Haslett, Junior Examiner	Fond du Lac.
			"	Arthur C. Moors, Junior Examiner	Wauwatosa.
			"	Herbert E. Platz, Junior Examiner	Milwaukee.
			"	Karl V. Schoenecker, Junior Examiner	Milwaukee.
			"	Clarence C. Steele, Junior Examiner	Sparta.
			"	H. F. Ibach, Junior Examiner	Eau Claire.
			"	F. C. Teske, Junior Examiner	Princeton.
			"	C. V. Waller, Asst. Examiner	South Milwaukee.
			"	R. E. Kileen, Asst. Examiner	Wautoma.
			"	Nelson C. Ploetz, Asst. Examiner	Prairie du Sac.
			Wyo.	John A. Reed, State Examiner	State Capitol Bldg., Cheyenne.
			"	A. L. Putnam, Deputy State Examiner	Cheyenne.
			"	W. E. Banks, Examiner	Cheyenne.
			"	O. Bertagnolli, Jr., Bank Examiner	Cheyenne.
			"	J. E. Foreman, Examiner	Cheyenne.
			"	O. Low, Jr., Examiner	Cheyenne.

LIST OF NATIONAL BANK EXAMINERS AND DISTRICTS

July 1, 1931

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
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 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.
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(By Federal Reserve Districts)

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

VALUES OF FOREIGN COINS

TREASURY DEPARTMENT, OFFICE OF THE SECRETARY,
Washington, D. C., July 1, 1931

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 July 1, 1931, 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.

Ogden L. Mills, Acting 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 .....	.3650	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	Tael.....	Haikwan.....	.3399	A unit of account, used only for customs purposes. China's import specific duties are being levied since March 16, 1930, as the gold equivalent of Haikwan taels on the basis of 1 Haikwan tael=1¼ gold units worth 40 U. S. cents each (or \$0.70). Import and valorem duties, being stated as percentages of value, likewise are levied on a gold basis. China's export duties remain on a silver basis. The duties are being collected in silver dollars, taels, gold, and other currencies. Customs statistics continue to be stated in Haikwan taels (silver). January, 1930, news reports indicate import duties will be collected on a gold basis, the gold unit (unnamed) being equal to \$0.40; and the haikwan tael being initially converted at 1.5 of the new unit which is being tentatively called "sun." 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.....	.3341	
			Canton.....	.3331	
			Chefoo.....	.3195	
			Chin Kiang.....	.3264	
			Foochow.....	.3090	
			Hankow.....	.3126	
			Kiaochow.....	.3233	
			Nanking.....	.3306	
			Newchwang.....	.3133	
			Ningpo.....	.3212	
			Peiping.....	.3257	
			Shanghai.....	.3052	
			Swatow.....	.3086	
Takow.....	.3362				
Tientsin.....	.3238				
China	Silver	Dollar.....	Yuan.....	.2165	
			Hongkong.....	.2197	
			British Mexican.....	.2214	
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.....	.2630		
Finland.....	Gold	Markka.....	.0252		
France.....	Gold	Franc.....	.0392		
Germany.....	Gold	Reichsmark.....	.2382		
Great Britain.....	Gold	Pound sterling.....	4.8665		
Greece.....	Gold	Drachma.....	.0130		
Gautemala.....	Gold	Quetzal.....	1.0000		
Haiti.....	Gold	Gourde.....	.2000	Currency: National bank notes redeemable on demand in American dollars. Legally established but not yet actually operative.	
Honduras.....	Gold	Lempira.....	.5000		
Hungary.....	Gold	Pengo.....	.1749		
India (British).....	Gold	Rupee.....	.3650		
Indo-China.....	Silver	Piaster.....	.3918	By decree of May 1, 1930.	
Italy.....	Gold	Lira.....	.0526		
Japan.....	Gold	Yen.....	.4885		
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		
Netherlands.....	Gold	Guilder (florin).....	.4020		
Newfoundland.....	Gold	Dollar.....	1.0000		
Nicaragua.....	Gold	Cordoba.....	1.0000		
Norway.....	Gold	Krone.....	1.2680		
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 5.4 U. S. cents. Established by law of Feb. 11, 1930.	
Peru.....	Gold	Sol.....	.4000		
Philippine 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.	

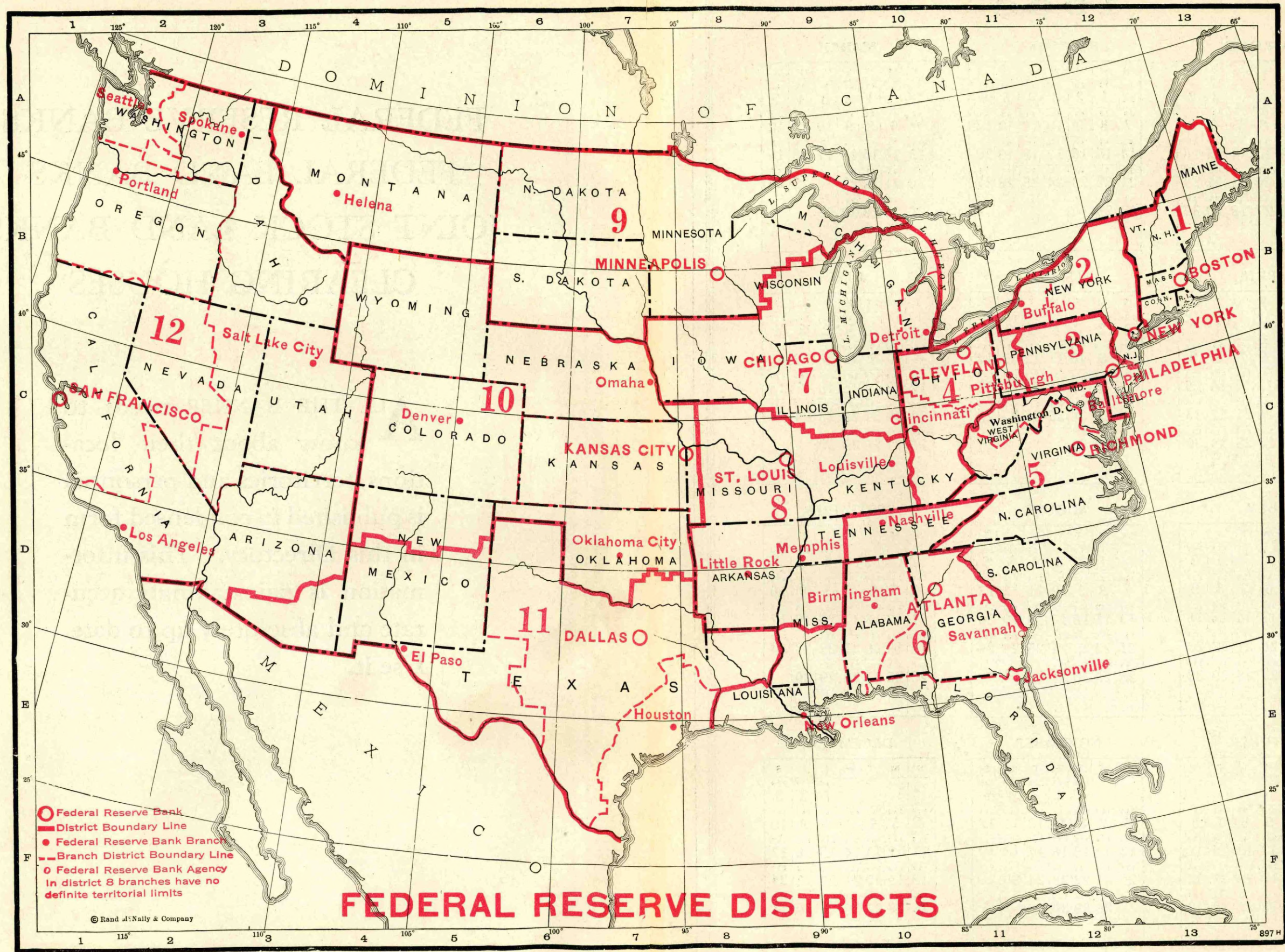
TABLE OF CARDINAL NUMBERS AND COMMERCIAL TERMS IN TEN LANGUAGES

	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	Twee	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	Åtta
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	Syften	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	Vinte	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	Halvtredsindstyve	Femtio
60	Sixty	Soixante	Sechzig	Sesenta	Sessanta	Sessenta	Zestig	Shestdesyat	Tredsindstyve	Sextio
70	Seventy	Soixante-dix	Siebenzig	Setenta	Settanta	Setenta	Zeventig	Semdesyat	Halvfjerdsindstyve	Sjuttio
80	Eighty	Quatre-vingt	Achtzig	Ochenta	Ottanta	Oitenta	Tachtig	Vosemdesyat	Firsindstyve	Åttio
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	Dage	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 trebvaniyu	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 zicht	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 förpligtar mig att betala
	With interest	Avec interets	Mit Zinsen	Con interés	Con interesse	Com interesse	Met interest	S protsentami	Med rente	Med ränta

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FEDERAL RESERVE BANKS
FEDERAL LAND BANKS
JOINT STOCK LAND BANKS
CLEARING HOUSES

ALL THE BANKER needs to know about their locations, territories and personnel is published in condensed form in this Directory. This information is painstakingly accurate and absolutely up to date. Use it.



- Federal Reserve Bank
- District Boundary Line
- Federal Reserve Bank Branch
- - - Branch District Boundary Line
- Federal Reserve Bank Agency
- In district 8 branches have no definite territorial limits

FEDERAL RESERVE DISTRICTS

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1982

JANUARY

S	M	T	W	T	F	S
					1	2
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
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
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29					

MARCH

S	M	T	W	T	F	S
		61	62	63	64	65
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

APRIL

S	M	T	W	T	F	S
					92	93
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
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
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

JUNE

S	M	T	W	T	F	S
			153	154	155	156
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

JULY

S	M	T	W	T	F	S
					183	184
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

AUGUST

S	M	T	W	T	F	S
	214	215	216	217	218	219
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

SEPTEMBER

S	M	T	W	T	F	S
				245	246	247
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

OCTOBER

S	M	T	W	T	F	S
						275
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

NOVEMBER

S	M	T	W	T	F	S
		306	307	308	309	310
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

DECEMBER

S	M	T	W	T	F	S
				336	337	338
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

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.

*(Banks located in Borough of Manhattan, or located in other boroughs and having branches in Manhattan, are subject to maximum reserve. Banks in Boroughs of Brooklyn and Bronx are subject to reserve city requirements, and banks in Boroughs of Richmond and Queens to requirements of banks not in reserve or central reserve cities.)

**Certain outlying banks have been authorized to carry the same reserves as reserve city banks.

***Certain outlying banks have been authorized to carry the same reserves as banks located outside reserve and central reserve cities.

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*

ADOLPH C. MILLER

CHARLES S. HAMLIN

GEORGE R. JAMES

WAYLAND W. MAGEE

E. M. McCLELLAND,
Assistant Secretary.

E. A. GOLDENWEISER, *Director, Division of Research and Statistics.*

J. C. NOELL, *Assistant Secretary.*

CARL E. PARRY, *Assistant Director, Division of Research and Statistics.*

W. M. IMLAY, *Fiscal Agent.*

E. L. SMEAD, *Chief, Division of Bank Operations.*

WALTER WYATT, *General Counsel.*

FEDERAL ADVISORY COUNCIL—(1931)

HERBERT K. HALLETT,
Boston, District No. 1

MELVIN A. TRAYLOR,
Chicago, District No. 7

ROBERT H. TREMAN,
New York, District No. 2

W. W. SMITH, *St. Louis, District No. 8*

HOWARD A. LOEB,
Philadelphia, District No. 3

GEO. H. PRINCE,
Minneapolis, District No. 9

J. A. HOUSE, *Cleveland, District No. 4*

W. S. McLUCAS, *Kansas City, District No. 10*

JOHN POOLE, *Richmond, District No. 5*

B. A. McKINNEY, *Dallas, District No. 11*

JOHN K. OTTLEY, *Atlanta, District No. 6*

HENRY M. ROBINSON,
San Francisco, District No. 12

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 355; State Banks 33. Total 388.

DIRECTORS

CLASS A:—ALFRED L. RIPLEY (1932), Boston; F. S. CHAMBERLAIN (1931), New Britain, Conn.; EDWARD S. KENNARD (1933), Rumford, Maine.

CLASS B:—PHILIP R. ALLEN (1932), East Walpole, Mass.; ALBERT C. BOWMAN (1931), 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 (1931) 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*. ARTHUR H. WEED, Boston, Mass., *General Counsel*.

(Statement of July 8, 1931)

LIABILITIES	RESOURCES
F. R. notes in actual circulation \$138,364,000	Gold with Federal Reserve Agent \$149,917,000
Deposits:	Gold redemption fund with U. S. Treasury 1,058,000
Member bank—reserve account 145,470,000	Gold held exclusively against F. R. notes . \$150,975,000
Government 1,261,000	Gold settlement fund with F. R. Board 42,873,000
Foreign bank 2,674,000	Gold and gold certificates held by bank 33,998,000
Other deposits 85,000	Total gold reserves \$227,846,000
Total deposits \$149,490,000	Reserves other than gold 12,015,000
Deferred availability items 57,275,000	Total reserves \$239,861,000
Capital paid in 11,836,000	Non-reserve cash 8,273,000
Surplus 21,299,000	Bills discounted:
All other liabilities 119,000	Sec. by U. S. Government obligations 3,246,000
Total miscellaneous liabilities \$ 90,529,000	Other bills discounted 5,113,000
TOTAL LIABILITIES \$378,383,000	Total bills discounted \$ 8,359,000
	Bills bought in open market \$6,632,000
	U. S. Government securities:
	Bonds 11,262,000
	Treasury notes 1,945,000
	Certificates and Bills 38,997,000
	Total U. S. Government securities \$52,204,000
	Other Securities 435,000
	Total bills and securities \$67,630,000
	Due from foreign banks 52,000
	Uncollected items 58,131,000
	F. R. notes of other F. R. banks 283,000
	Bank premises 3,458,000
	All other resources 695,000
	Total miscellaneous resources \$62,619,000
	TOTAL RESOURCES \$378,383,000

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 759; State Banks 40; Trust Companies 117. Total 916, as of July 13, 1931. Non-members 571, including Savings Banks. Total number of banks in District No. 2, 1,487.

DIRECTORS

Class	Group	Name	Term Expires	Class	Group	Name	Term Expires
A	1	CHARLES E. MITCHELL, New York City Chairman, The National City Bank of New York	1931	B	2	THEODORE F. WHITMARSH, New York City Chairman, Francis H. Leggett & Co.,	1932
A	2	THOMAS W. STEPHENS, Montclair, N. J. President, Bank of Montclair	1932	B	3	SAMUEL W. REYBURN, New York City President, Associated Dry Goods Co.	1933
A	3	DAVID C. WARNER, Endicott, N. Y. President, Endicott Trust Company, Endicott, N. Y.	1933	C	J. HERBERT CASE, New York City Chairman	1931	
B	1	WILLIAM H. WOODIN, New York City President, American Car & Foundry Co.	1931	C	OWEN D. YOUNG, New York City Deputy Chairman	1932	
				C	CLARENCE M. WOOLLEY, Greenwich, Conn. Chairman, American Radiator and Standard Sanitary Corporation	1933	

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. GILBART, <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>	WALTER B. MATTESON, <i>Assistant Deputy Governor</i>
RAY M. GIDNEY, <i>Assistant Deputy Governor</i>	JAMES M. RICE, <i>Assistant Deputy Governor</i>
J. WILSON JONES, <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>

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, <i>General Auditor</i>	
GEORGE W. FERGUSON, <i>Assistant General Auditor</i>	

BUFFALO BRANCH

DIRECTORS

GEORGE G. KLEINDINST, (1931) President, Liberty Bank of Buffalo.	LEWIS G. HARRIMAN, (1932) President, M & T Trust Co., Buffalo, N. Y.
JOHN T. SYMES, (1931) President, Niagara County National Bank & Trust Co., Lockport, N. Y.	GEORGE F. RAND, (1933) President, Marine Trust Company, Buffalo
FREDERICK B. COOLEY, (1932) President, New York Car Wheel Co., Buffalo	EDWARD G. MINER, (1933) President, Pfaunder 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 July 8, 1931)

LIABILITIES

F. R. Notes in actual circulation	\$ 294,881,000
Deposits:	
Member bank—reserve account	1,050,978,000
Government	2,436,000
Foreign bank	15,954,000
Other deposits	17,491,000
Total deposits	1,086,859,000
Deferred availability items	117,469,000
Capital paid in	65,456,000
Surplus	80,575,000
All other liabilities	3,635
TOTAL LIABILITIES	\$1,648,875,000

RESOURCES

Gold with Federal Reserve Agent	\$ 396,919,000
Gold redemption fund with U. S. Treasury	12,845,000
Gold held exclusively against F. R. notes	409,764,000
Gold settlement fund with F. R. Board	140,210,000
Gold and gold certificates held by bank	638,325,000
Total gold reserves	1,188,299,000
Reserves other than gold	54,747,000
Total reserves	\$1,243,046,000
Non-reserve cash	19,305,000
Bills discounted:	
Sec. by U. S. Government obligations	14,698,000
Other bills discounted	11,643,000
Total bills discounted	26,341,000
Bills bought in open market	25,387,000
United States Government securities:	
Bonds	51,453,000
Treasury notes	7,319,000
Certificates and bills	107,377,000
Total U. S. Government securities	166,149,000
Other securities	4,985,000
Total bills and securities	222,862,000
Due from foreign banks	3,257,000
Uncollected items	130,725,000
Federal Reserve notes of other banks	3,396,000
Bank premises	15,240,000
All other resources	11,044,000
TOTAL RESOURCES	\$1,648,875,000

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 662; State Banks 82. Non-Member Banks 427. Total number of banks in District No. 3, 1171.

DIRECTORS

CLASS A:—JOHN C. COSGROVE (1931), Johnstown, Pa.; JOSEPH WAYNE, JR. (1932), Philadelphia; GEORGE W. REILY (1933), Harrisburg, Pa.

CLASS B:—C. FREDERICK C. STOUT (1931), Philadelphia; ARTHUR W. SEWALL (1932), Philadelphia; ARTHUR C. DORRANCE (1933), Camden, N. J.

CLASS C:—RICHARD L. AUSTIN (1932), Philadelphia, *Chairman of Board*; HARRY L. CANNON (1931), 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 July 8, 1931)

LIABILITIES	RESOURCES
Federal Reserve notes in actual circulation	Gold with Federal Reserve Agent
\$145,541,435.00	\$160,000,000.00
Deposits:	Gold redemption fund with U. S. Treasury
Member bank—reserve account	847,372.00
148,013,002.28	Gold settlement fund
Government	61,405,327.71
823,695.37	Gold and gold certificates held by bank
Foreign bank	29,044,454.00
3,529,278.50	Total gold reserves
Other deposits	\$251,297,153.71
180,692.35	Reserves other than gold
Total Deposits	6,919,202.00
\$152,546,668.50	Total cash reserves
Deferred availability items	\$258,216,355.71
40,354,443.39	Non-Reserve cash
Capital paid in	\$ 3,612,540.41
16,733,550.00	Bills discounted:
Surplus	Secured by U. S. Gov't Obligations
27,064,988.72	4,853,108.00
All other liabilities	Other Bills discounted
78,517.78	10,348,349.65
TOTAL LIABILITIES	Total Bills discounted
\$382,319,603.39	\$ 15,201,457.65
	Bills bought in open market
	2,922,031.27
	U. S. Government Securities:
	Bonds
	12,686,750.00
	Treasury Notes
	4,999,500.00
	Certificates and Bills
	35,780,500.00
	Total U. S. Gov't Securities
	\$ 53,466,750.00
	Other Securities
	750,000.00
	Total Bills and Securities
	72,340,238.92
	F. R. Notes of other Federal Reserve Banks
	253,000.00
	Uncollected Items
	44,162,373.01
	Bank premises
	2,614,466.80
	Due from Foreign Banks
	69,173.76
	All other resources
	1,051,454.78
	TOTAL RESOURCES
	\$382,319,603.39

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 640; State Banks 90. Total member banks 730. Non-Members 894. Total number of banks in District 4, 1,624.

DIRECTORS

CLASS A:—ROBERT WARDROP (1932), Pittsburgh; CHESS LAMBERTON (1931), Franklin, Pa.; O. N. SAMS (1933), Hillsboro, Ohio.

CLASS B:—R. P. WRIGHT (1931), 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 (1931), 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)

(Liberty Avenue and Anderson Street)

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 July 15, 1931)

LIABILITIES	RESOURCES
Federal Reserve notes in actual circulation.....\$200,285,000	Gold with Federal Reserve Agent.....\$207,550,000
Deposits:	Gold redemption fund with U. S. Treasury..... 2,325,000
Member bank—reserve account..... 190,723,000	Gold held exclusively against F. R. notes... 209,875,000
Government..... 1,647,000	Gold settlement fund with F. R. Board..... 48,424,000
Foreign bank..... 5,203,000	Gold and gold certificates held by banks.... 65,763,000
Other deposits..... 2,000,000	Total gold reserves..... 324,062,000
Total deposits.....\$199,573,000	Reserves other than gold..... 15,846,000
Deferred availability items..... 57,086,000	Total reserves.....\$339,908,000
Capital paid in..... 15,672,000	Non-reserve cash..... 3,188,000
Surplus..... 28,972,000	Bills discounted:
All other liabilities..... 897,000	Secured by U. S. Government obligations..... 7,447,000
TOTAL LIABILITIES.....\$502,485,000	Other bills discounted..... 8,088,000
	Total bills discounted..... 15,535,000
	Bills bought in open market..... 7,686,000
	U. S. Government securities:
	Bonds..... 12,992,000
	Treasury notes..... 11,852,000
	Certificates and Bills..... 46,959,000
	Total U. S. Government securities..... 71,803,000
	Other securities..... 490,000
	Total Bills and securities.....\$ 95,514,000
	Federal Reserve notes of other banks..... 1,091,000
	Due from foreign banks..... 71,000
	Uncollected items..... 53,331,000
	Bank premises..... 7,489,000
	All other resources..... 1,893,000
	TOTAL RESOURCES.....\$502,485,000

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, Wetzel, and Hancock.
Membership: National Banks 447; State Banks 40.

DIRECTORS

CLASS A:—L. E. JOHNSON, (1932), Alderson, W. Va.; CHAS. E. RIEMAN (1933), Baltimore, Md.; JAMES C. BRASWELL (1931), Rocky Mount, N. C.

CLASS B:—D. R. COKER (1932), Hartsville, S. C.; JUNIUS P. FISHBURN (1933), Roanoke, Va.; EDWIN C. GRAHAM (1931), Washington, D. C.

CLASS C:—WM. W. HOXTON (1932), Richmond, *Chairman of Board*; FREDERIC A. DELANO (1933), *Deputy Chairman*, Washington, D. C.; ROBERT LASSITER (1931), 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*.

JOHN POOLE, (1931) Washington, D. C., *Member Federal Advisory Council*.

BALTIMORE BRANCH. (Transit Number 7-27)

(Lexington and Calvert)

A. H. DUDLEY, *Managing Director*; JOHN R. CUPIT, *Cashier*; J. A. JOHNSTON, *Assistant Cashier*; F. W. WRIGHTSON, *Assistant Cashier*.

DIRECTORS

A. H. DUDLEY (1931), Baltimore; MORTON PRENTIS (1933), Baltimore; NORMAN R. JAMES (1933), Baltimore, and W. H. MATTHAI (1931), Baltimore; EDMUND P. COHILL (1932), Hancock; LEVI B. PHILLIPS (1931), Cambridge; L. S. ZIMMERMAN (1932), Baltimore.

CHARLOTTE BRANCH. (Transit Number 66-20)

HUGH LEACH, *Managing Director*; W. T. CLEMENTS, *Cashier*.

DIRECTORS

HUGH LEACH (1931), Charlotte; W. H. WOOD (1931), Charlotte; C. L. COBB (1932), Rock Hill, S. C.; ROBT. GAGE (1933), Chester, S. C.; JOHN LINDSAY MOREHEAD (1931), Charlotte; C. A. CANNON (1932), Concord, N. C.; JOHN A. LAW (1933), Spartanburg, S. C.

(Statement of July 8, 1931)

LIABILITIES	RESOURCES
Federal Reserve Notes in Actual Circulation.....\$ 71,075,000.00	Gold with Federal Reserve Agent.....\$ 60,570,000.00
Deposits:	Gold Redemption Fund with U. S. Treasury..... 1,050,000.00
Member Banks—Reserve Accounts..... 62,097,000.00	Gold held exclusively against Federal Reserve Notes. 61,620,000.00
Government..... 1,627,000.00	Gold Settlement Fund with Federal Reserve Board... 13,275,000.00
Foreign Banks..... 1,426,000.00	Gold and Gold Certificates held by Bank..... 5,274,000.00
Other Deposits..... 113,000.00	Total Gold Reserves.....\$ 80,169,000.00
Total Deposits.....\$ 65,263,000.00	Reserves other than gold..... 11,223,000.00
Deferred availability items..... 35,233,000.00	Total Reserves.....\$ 91,392,000.00
Capital paid in..... 5,690,000.00	Non-reserve cash.....\$ 3,785,000.00
Surplus..... 12,114,000.00	Bills Discounted:
All Other Liabilities..... 726,000.00	Secured by U. S. Government Obligations..... \$ 1,463,000.00
TOTAL LIABILITIES.....\$190,101,000.00	Other bills discounted..... 15,283,000.00
	Total Bills Discounted..... \$ 16,746,000.00
	Bills Bought in Open Market..... 3,481,000.00
	United States Government Securities:
	Bonds..... 6,496,000.00
	Treasury Notes..... 683,000.00
	Certificates and Bills..... 23,853,000.00
	Total U. S. Government Securities.....\$ 31,032,000.00
	Other Securities..... 245,000.00
	Total Bills and Securities.....\$ 51,504,000.00
	Due from Foreign Banks..... 28,000.00
	Uncollected items..... 37,287,000.00
	Federal Reserve Notes of Other Banks..... 1,124,000.00
	Bank Premises..... 3,583,000.00
	All Other Resources..... 1,398,000.00
	TOTAL RESOURCES.....\$190,101,000.00

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 327; State Banks 44. Total 371.
Non-Member Banks, 1,005; Total number of banks in District 6, 1,376.

DIRECTORS

CLASS A:—H. L. YOUNG (1933), Atlanta, Ga.; E. C. MELVIN (1931), 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 (1931), Nashville, Tenn.

CLASS C:—OSCAR NEWTON (1932), Atlanta, Ga., *Chairman*; W. H. KETTIG (1931), 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

JNO. C. COOPER, *Chairman*; HUGH FOSTER, FULTON SAUSSEY, 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, *Chairman*; 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 July 1, 1931)

LIABILITIES	RESOURCES
F. R. notes in actual circulation.....	\$120,133,940.00
Deposits:	Gold with Federal Reserve Agent..... \$118,100,000.00
Member banks—reserve account.....	Gold redemption fund..... 1,172,134.55
Government.....	Gold held exclusively against F. R. notes..... \$119,272,134.55
Foreign banks.....	Gold settlement fund with F. R. Board..... 11,269,141.99
Other deposits.....	Gold and gold certificates held by bank..... 7,937,090.86
Total deposits.....	Total gold reserves..... \$138,478,367.40
Deferred availability items.....	Reserves other than gold..... 8,078,252.00
Capital paid in.....	Total reserves..... \$146,556,619.40
Surplus.....	Non-reserve cash..... 4,952,288.34
All other liabilities.....	Bills discounted:
TOTAL LIABILITIES.....	Sec. by U. S. Government obligations..... 407,935.17
	Other bills discounted..... 11,060,896.40
	Total bills discounted..... \$11,468,831.57
	Bills bought in open market..... 9,250,668.00
	U. S. Government securities:
	Bonds..... 2,826,850.00
	Treasury notes..... 4,332,000.00
	Certificates and Bills..... 13,583,000.00
	Total U. S. Government securities..... \$20,741,850.00
	Other Securities..... 230,000.00
	Total bills and securities..... \$41,691,349.57
	Due from foreign banks..... 25,125.88
	Uncollected items..... 12,379,552.75
	F. R. Notes of other F. R. Banks..... 1,135,750.00
	Bank premises..... 2,572,648.00
	All other resources..... 3,321,230.60
	TOTAL RESOURCES..... \$212,634,564.54

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 841; State Banks 213.

Total non-member banks in Federal Reserve District 7, 3,218.

DIRECTORS AND OFFICERS

Class A—Directors

EDWARD R. ESTBERG, Waukesha, Wis. (1931)
 GEORGE J. SCHALLER, Storm Lake, Iowa (1932)
 GEORGE M. REYNOLDS, Chicago, Ill. (1933)

JAMES B. McDUGAL, Governor
 JOHN H. BLAIR, Deputy Governor
 CHARLES R. McKAY, Deputy Governor
 JAMES H. DILLARD, Deputy Governor

Class B—Directors

STANFORD T. CRAPO, Detroit, Mich. (1931)
 ROBERT M. FEUSTEL, Fort Wayne, Ind. (1932)
 MAX W. BABB, Milwaukee, Wis. (1933)

WILLIAM C. BACHMAN, Assistant Deputy Governor
 EUGENE A. DELANEY, Assistant Deputy Governor
 DON A. JONES, Assistant Deputy Governor
 OTTO J. NETTERSTROM, Assistant Deputy Governor

Class C—Directors

FRANK C. BALL, Muncie, Ind. (1931)
 JAMES SIMPSON, Chicago, Ill. (1932)
 EUGENE M. STEVENS, Evanston, Ill. (1933)
 MELVIN A. TRAYLOR, Chicago, Ill., Member Federal Advisory Council

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

Officers

EUGENE M. STEVENS, Chairman
 JAMES SIMPSON, Deputy Chairman
 CLIFFORD S. YOUNG, Assistant Federal Reserve Agent
 GEORGE A. PRUGH, Assistant Federal Reserve Agent
 HARRIS G. PETT, Manager, Division of Research and Statistics
 FRANCIS R. BURGESS, Auditor
 WALTER A. HOPKINS, Assistant Auditor

FRANK A. LINDSTEN, Manager, Disbursing Department
 LOUIS G. MEYER, Manager, Service Department
 ARTHUR L. OLSON, Manager, Loan Division
 LOUIS G. PAVEY, Manager, Collection Department
 FRANKLIN L. PURRINGTON, Manager, Discount Department
 JESSE G. ROBERTS, Manager, Cash Department
 WILLIAM W. TURNER, Manager, Loan Division
 CARL MEYER, Counsel

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.

Officers

WILLIAM R. CATION, Managing Director
 HARLAN J. CHALFONT, Cashier
 GEORGE T. JARVIS, Assistant Cashier
 JOHN G. BASKIN, Assistant Cashier
 FLOYD L. BOWEN, Assistant Auditor
 ISADORE LEVIN, Assistant Counsel

(Statement as of July 1, 1931)

LIABILITIES	RESOURCES		
F. R. notes in actual circulation.....	\$364,345,520.00	Gold with Federal Reserve Agent.....	\$436,900,000.00
Deposits:		Gold redemption fund with U. S. Treasury..	3,935,660.15
Member bank—reserve account.....	324,823,513.55	Gold held exclusively against F. R. notes...	\$440,835,660.15
Government.....	4,005,172.28	Gold settlement fund with F. R. Board.....	73,756,802.63
Foreign bank.....	4,366,750.88	Gold and gold certificates held by bank.....	91,753,650.09
Other deposits.....	1,030,602.68	Total gold reserves.....	\$606,346,112.87
Total deposits.....	\$334,226,039.39	Reserves other than gold.....	21,210,506.00
Deferred availability items.....	59,557,656.14	Total reserves.....	\$627,556,618.87
Capital paid in.....	19,848,200.00	Non-reserve cash.....	8,559,667.47
Surplus.....	39,936,492.42	Bills discounted:	
All other liabilities.....	1,812,947.31	Sec. by U. S. government obligations.....	2,883,226.00
TOTAL LIABILITIES.....	\$819,726,855.26	Other bills discounted.....	7,339,047.37
		Total bills discounted.....	\$10,222,273.37
		Bills bought in open market.....	\$ 8,491,240.43
		U. S. Government securities.....	
		Bonds.....	34,356,600.00
		Treasury notes.....	3,887,000.00
		Certificates and bills.....	51,027,500.00
		Total U. S. Government securities.....	89,271,100.00
		Other securities.....	835,000.00
		Total bills and securities.....	\$108,819,613.80
		Due from foreign banks.....	94,305.88
		Uncollected items.....	62,588,290.42
		Federal Reserve notes of other banks.....	1,723,500.00
		Bank premises.....	8,061,159.36
		All other resources.....	2,323,699.46
		TOTAL RESOURCES.....	\$819,726,855.26

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 (1931), Salem, Ill.; MAX B. NAHM (1933), Bowling Green, Ky.

CLASS B:—WILLIAM B. PLUNKETT (1931), 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 (1931), 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, C. A. SCHACHT 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, HAMP WILLIAMS, STUART WILSON, MOORHEAD WRIGHT, and JO. NICHOL.

LOUISVILLE BRANCH. (Transit Number 21-59)

W. P. KINCHELOE, *Managing Director*; JOHN T. MOORE, *Cashier*; EARL R. MUIR, *Assistant Cashier*.

DIRECTORS

WHITEFOORD R. COLE, Louisville, Ky.; EUGENE E. HOGE, Frankfort, Ky.; W. P. KINCHELOE, Louisville, Ky.; JOHN T. REYNOLDS, Greenville, Ky.; EMBRY L. SWEARINGEN, 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 July 8, 1931)

LIABILITIES	RESOURCES
F. R. notes in actual circulation	Gold with Federal Reserve Agent
\$ 73,113,000	Gold redemption fund with U. S. Treasury
Deposits:	Gold held exclusively against F. R. notes
Member banks—reserve account	Gold settlement fund with F. R. Board
70,363,000	Gold and gold certificates held
Government	10,721,000
936,000	Total gold reserves
Foreign bank	102,529,000
1,248,000	Reserves other than gold
Other deposits	8,988,000
273,000	Total reserves
Total deposits	111,517,000
\$78,820,000	Non-reserve cash
Deferred availability items	4,896,000
23,670,000	Bills discounted:
Capital paid in	Secured by U. S. Government obligations
4,816,000	2,213,000
Surplus	Other bills discounted
10,562,000	5,031,000
All other liabilities	Total bills discounted
1,249,000	7,244,000
TOTAL LIABILITIES	Bills bought in open market
\$186,230,000	4,917,000
	U. S. Government securities:
	Bonds
	6,174,000
	Treasury notes
	4,220,000
	Certificates and Bills
	19,409,000
	Total U. S. Government securities
	29,803,000
	Other Securities
	225,000
	Total bills and securities
	42,189,000
	Due from foreign banks
	24,000
	Uncollected items
	21,527,000
	F. R. Notes of other banks
	1,304,000
	Bank premises
	3,635,000
	All other resources
	1,138,000
	TOTAL RESOURCES
	\$186,230,000

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 576; State Banks 40.

Non-member Banks 1427.

Total number of banks in District No. 9, 2043.

DIRECTORS

CLASS A:—P. J. LEEMAN (1931), Minneapolis; H. R. KIBBEE (1932), Mitchell, S. D.; H. C. HANSEN, (1933), Church Ferry, N. Dak.

CLASS B:—W. O. WASHBURN (1931), 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 (1931), 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

GEO. H. PRINCE, St. Paul, 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 July 8, 1931)

LIABILITIES	RESOURCES
F. R. notes in actual circulation.....\$ 50,974,100.00	Gold with Federal Reserve Agent.....\$ 49,465,000.00
Deposits:	Gold redemption fund with U. S. Treasury..... 652,360.23
Member bank—reserve account..... 48,738,797.42	Gold held exclusively against F. R. notes..... 50,117,360.23
Government..... 1,148,081.59	Gold settlement fund with F. R. Board... 13,712,357.82
Foreign bank..... 819,933.39	Gold and gold certificates held by bank... 4,549,425.83
Other deposits..... 248,234.88	Total gold reserves..... 68,379,143.88
Total deposits.....\$ 50,955,047.28	Reserve other than gold..... 3,180,808.00
Deferred availability items..... 9,611,449.63	Total reserves..... 71,559,951.88
Capital paid in..... 2,997,450.00	Non-reserve cash..... 2,089,237.09
Surplus..... 7,143,900.69	Bills discounted:
All other liabilities..... 722,208.52	Sec. by U. S. obligations..... 419,799.79
TOTAL LIABILITIES.....\$122,404,156.12	Other bills discounted..... 3,759,353.43
	Total bills discounted..... 4,179,153.22
	Bills bought in open market..... 2,877,704.42
	U. S. Government securities:
	Bonds..... 11,419,147.65
	Treasury notes..... 785,000.00
	Certificates and Bills..... 15,564,500.00
	Total U. S. Government securities..... 27,768,647.65
	Other Securities..... 300,500.00
	Total bills and securities..... 35,126,005.29
	Due from foreign banks..... 16,070.67
	Uncollected items..... 10,298,960.22
	F. R. notes of other Federal Reserve Banks..... 533,800.00
	Bank premises..... 1,925,767.64
	All other resources..... 854,363.33
	TOTAL RESOURCES.....\$122,404,156.12

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 833; State Banks 22.
 Non-member Banks 2015.
 Total number of banks in District No. 10, 2870.

DIRECTORS

CLASS A:—E. E. MULLANEY (1932), Hill City, Kan.; FRANK W. SPONABLE (1931), 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 (1931), Kansas City, Mo.
 CLASS C:—M. L. McCLURE (1932), Kansas City, *Chairman of Board*; WM. L. PETRIKIN, (1931), Denver, Colo., *Deputy Chairman of Board*; E. P. BROWN (1933), Davey, Neb.
 WALTER S. McLUCAS Kansas City, Mo., *Member Federal Advisory Council*.

OFFICERS

W. J. BAILEY, *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. McCLURE, *Chairman Board of Directors and Federal Reserve Agent*; WM. L. PETRIKIN, *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; W. F. NICHOLS, Tulsa, Okla.; C. E. DANIEL Oklahoma City; NED HOLMAN, Oklahoma City; AUSTIN MILLER, Oklahoma City; J. B. DOOLIN, Alva, Okla.

(Statement of July 1, 1931)

LIABILITIES		RESOURCES	
F. R. notes in actual circulation.....	\$ 62,348,090	Gold with Federal Reserve agent.....	\$ 61,000,000
Deposits:		Gold redemption fund with U. S. Treasury.....	1,325,572
Member bank—reserve account.....	84,687,780	Gold held exclusively against F. R. notes.....	62,325,572
Government.....	2,126,899	Gold settlement fund with F. R. Board.....	23,006,517
Foreign bank deposits.....	938,043	Gold and gold certificates held by bank.....	10,080,716
Other deposits.....	58,346	Total gold reserves.....	\$ 95,412,805
Total deposits.....	87,811,068	Reserves other than gold.....	7,945,860
Capital paid in.....	4,222,900	Total reserves.....	\$103,358,665
Surplus.....	8,701,659	Non-reserve cash.....	1,632,495
Deferred availability items.....	22,894,051	Bills discounted:	
All other liabilities.....	386,791	Sec. by U. S. Government obligations.....	853,055
		Other bills discounted.....	7,888,190
		Total bills discounted.....	\$ 8,741,245
		Bills bought in open market.....	5,874,046
		U. S. Government securities:	
		Bonds.....	6,599,500
		Treasury notes.....	1,117,000
		Certificates and bills.....	27,801,500
		Total U. S. Government securities.....	\$ 36,518,000
		Other securities.....	255,000
		Foreign loans on gold.....	-----
		Total bills and securities.....	51,388,291
		Due from foreign banks.....	20,258
		F. R. notes of other banks.....	920,200
		Uncollected items.....	24,628,494
		Bank premises.....	3,803,395
		All other resources.....	612,761
TOTAL LIABILITIES.....	\$186,364,559	TOTAL RESOURCES.....	\$186,364,559

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 580; State Banks 78. Total 658.

DIRECTORS

CLASS A:—R. E. HARDING (1933), Ft. Worth, Tex.; J. P. WILLIAMS (1932), Mineral Wells, Tex.; W. H. PATRICK (1931), Clarendon, Tex.

CLASS B:—A. S. CLEVELAND (1931), Houston, Texas; J. R. MILAM (1933), Waco; Texas; J. J. CULBERTSON (1932), Paris, Texas.

CLASS C:—C. C. WALSH (1931), *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*; LYNN P. TALLEY, *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*.

B. A. MCKINNEY, *Member Federal Advisory Council*, Dallas, 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, REAGAN HOUSTON, J. M. BENNETT, WALTER P. NAPIER, San Antonio; R. T. HUNNICUTT, Del Rio and FRANK CROW, McAllen.

(Statement of June 30, 1931)

LIABILITIES	RESOURCES
F. R. Notes in actual circulation.....\$ 27,379,000	Gold with Federal Reserve Agent.....\$ 21,350,000
Deposits:	Gold redemption fund with U. S. Treasury..... 1,054,000
Member banks—reserve account..... 55,912,000	Gold held exclusively against F. R. notes..... 22,404,000
Government..... 1,477,000	Gold settlement fund with F. R. Board... 15,587,000
Foreign banks..... 970,000	Gold and gold certificates held by bank.. 3,423,000
Other deposits..... 65,000	Total gold reserves..... 41,414,000
Total deposits.....\$ 58,424,000	Reserves other than gold..... 8,229,000
Deferred availability items..... 14,750,000	Total reserve.....\$ 49,643,000
Capital paid in..... 4,242,000	Non-reserve cash..... 3,063,000
Surplus..... 8,936,000	Bills discounted:
All other liabilities..... 754,000	Sec. by U. S. Government obligations.... 481,000
TOTAL LIABILITIES.....\$114,485,000	Other bills discounted..... 9,199,000
	Total bills discounted..... 9,680,000
	Bills bought in open market..... 3,818,000
	U. S. Government securities:
	Bonds..... 13,891,000
	Treasury Notes..... 1,220
	Certificates and bills..... 15,919,000
	Total U. S. Government securities..... 44,708,000
	Other Securities..... 180,000
	Total bills and securities..... 44,708,000
	Due from Foreign Banks..... 21,000
	Uncollected items..... 14,097,000
	F. R. notes of other banks..... 234,000
	Bank premises..... 1,831,000
	All other resources..... 888,000
	TOTAL RESOURCES.....\$114,485,000

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 453; State Banks 106.

Non-member Banks 654; Total number of banks in District 12, 1213.

DIRECTORS

CLASS A:—C. K. McINTOSH (1931), San Francisco, Calif., T. H. RAMSAY (1932), Red Bluff, Calif., KEITH POWELL (1933), Woodburn, Ore.

CLASS B:—E. H. COX (1931), Madera, Calif.; A. B. C. DOHRMANN (1932), San Francisco, Calif.; MALCOLM McNAGHTEN (1933), Los Angeles, Calif.

CLASS C:—WILLIAM SPROULF (1931), San Francisco, Calif.; ISAAC B. NEWTON (1932), Los Angeles, Calif. (1930), *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, *Chairman*, J. B. ALEXANDER.

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, *Chairman*; EDWARD E. PEASE.

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, *Chairman*; G. G. WRIGHT.

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, *Chairman*, HENRY A. RHODES.

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, *Chairman*, PETER MCGREGOR.

(Statement of July 8, 1931)

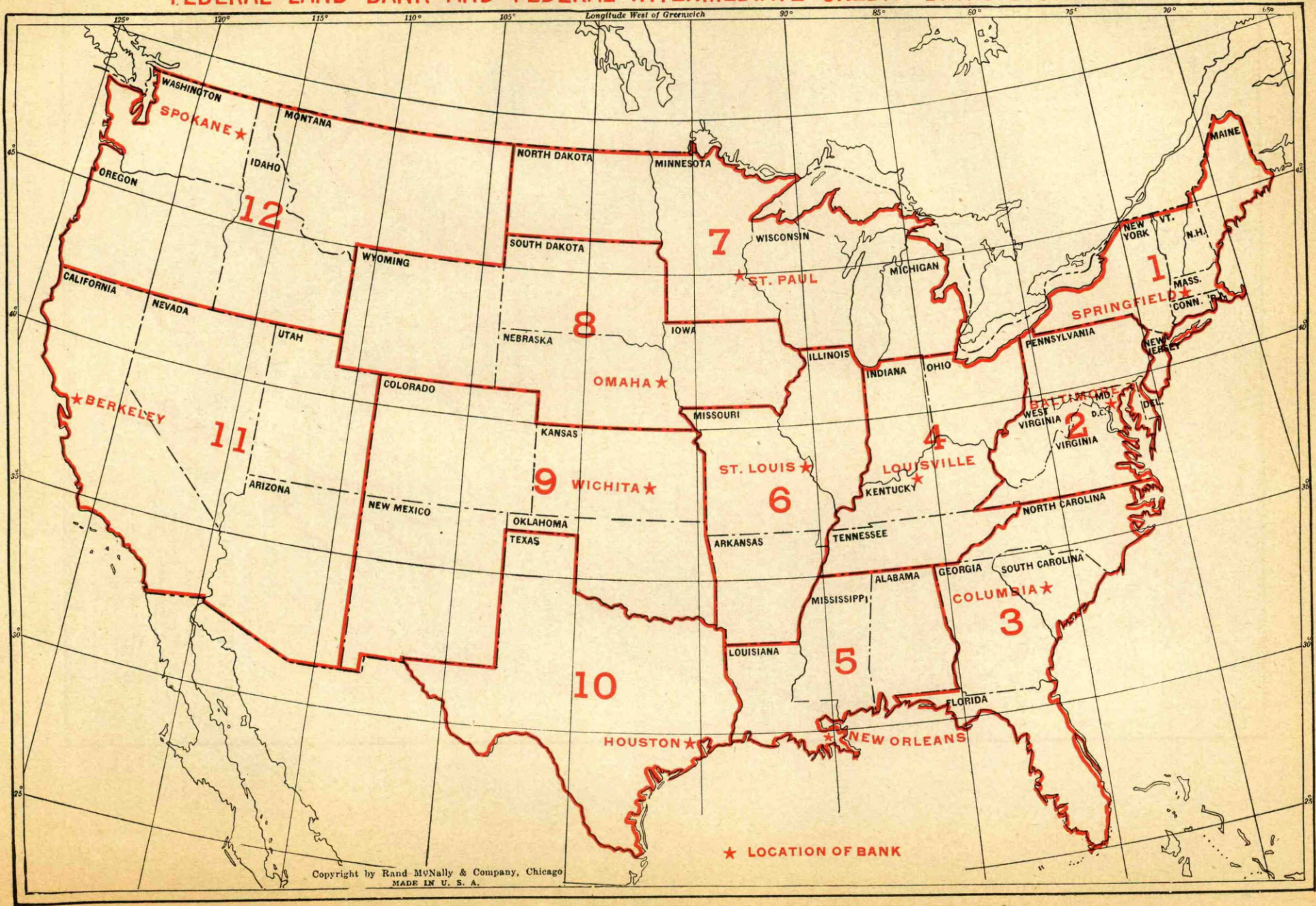
LIABILITIES

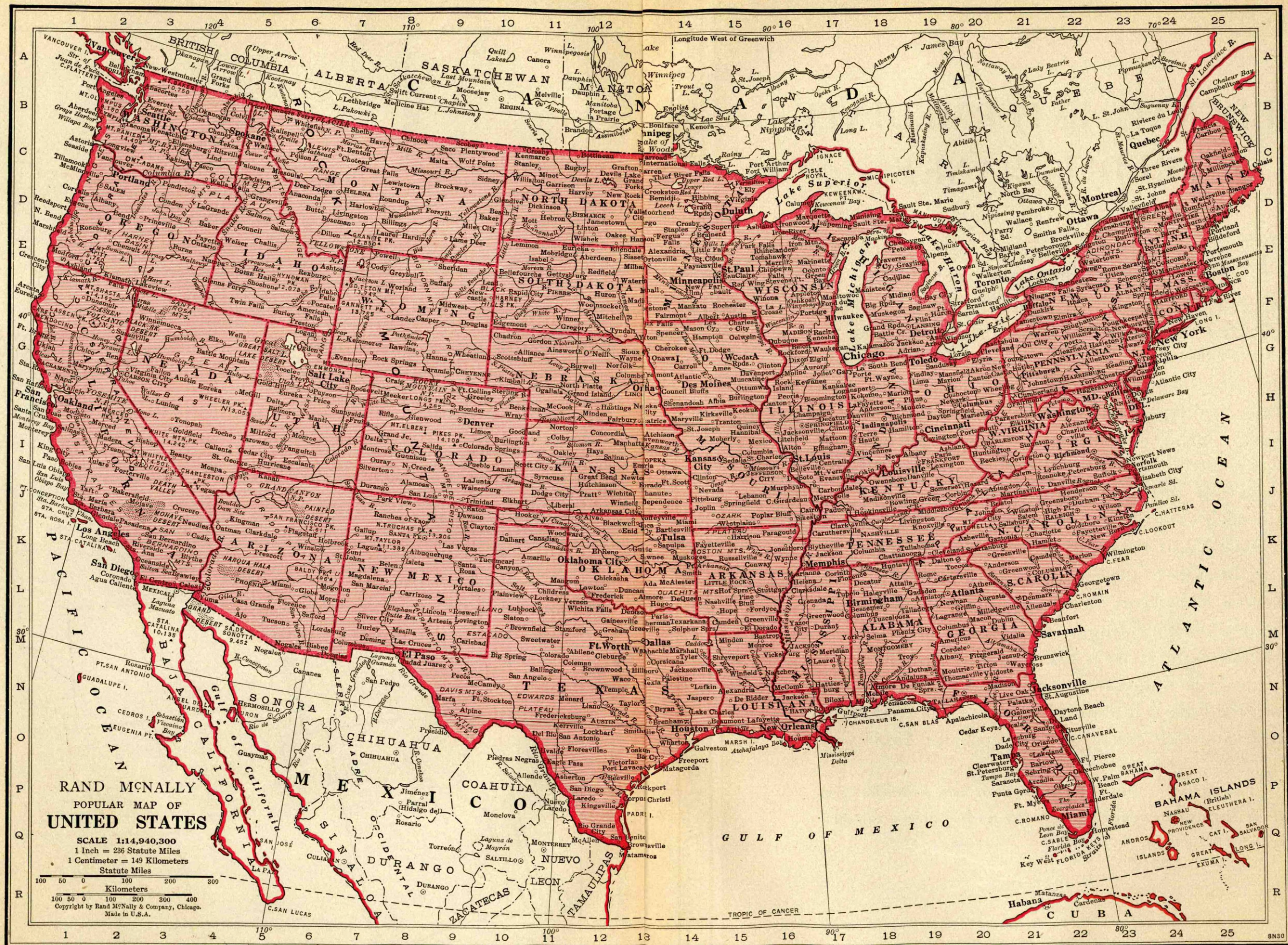
F. R. notes in actual circulation	\$180,843,000
Deposits:	
Member bank—reserve account	182,699,000
Government	819,000
Foreign banks	2,424,000
Other Deposits	7,253,000
Total deposits	193,195,000
Deferred availability items	28,941,000
Capital paid in	11,418,000
Surplus	18,475,000
All other liabilities	576,000
TOTAL LIABILITIES	\$433,448,000

RESOURCES

Gold with Federal Reserve Agent	\$215,763,000
Gold redemption fund with U. S. Treasury	1,915,000
Gold held exclusively against F. R. notes	217,678,000
Gold settlement fund with F. R. Board	39,725,000
Gold and gold certificates held by bank	41,487,000
Reserves other than gold	7,154,000
Total Reserves	\$ 306,044,000
Non-reserve cash	4,643,000
Bills discounted:	
Secured by U. S. Government obligations	21,323,000
Other bills discounted	6,116,000
Total bills discounted	27,439,000
Bills bought in open market	7,946,000
U. S. Government securities	
Bonds	7,675,000
Treasury notes	10,808,000
Certificates and bills	32,380,000
Total U. S. Government securities	50,863,000
Other securities	500,000
Total bills and securities	86,748,000
Due from Foreign Banks	48,000
Uncollected items	28,781,000
Federal Reserve Notes on other banks	1,667,000
Bank premises	4,621,000
All other resources	896,000
TOTAL RESOURCES	\$ 433,448,000

FEDERAL LAND BANK AND FEDERAL INTERMEDIATE CREDIT BANK DISTRICTS.





RAND McNALLY
POPULAR MAP OF
UNITED STATES

SCALE 1:14,940,300
1 Inch = 236 Statute Miles
1 Centimeter = 149 Kilometers
Statute Miles
Kilometers
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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.	Ore. & Cal.
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.....	Chicago, Ill.	Iowa & Ill.
33.	2-24-22.	The First Trust Joint Stock Land Bank of Chicago.....	Chicago, Ill.	Iowa & Ill.
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.	Iowa & Ill.
10.	12-20-18.	The First Joint Stock Land Bank of Ft. Wayne.....	Ft. Wayne, Ind	Ohio & Ind.
3.	6-28-17.	The Fletcher Joint Stock Land Bank of Indianapolis.....	Indianapolis, Ind.	Ill. & Ind.
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.	Ill. & Ind.
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.	Minn. & Iowa
1.	4-24-17.	The Iowa Joint Stock Land Bank of Sioux City.....	Sioux City, Ia.	S. D. & Ia.
35.	4- 4-22.	The Kentucky Joint Stock Land Bank of Lexington.....	Lexington, Ky.	Ohio & Ky.
43.	5- 1-22.	The Louisville Joint Stock Land Bank of Louisville.....	Louisville, Ky.	Ind. & Ky.
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.	Miss. & La.
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.	N. D. & Minn.
21.	6-25-19.	The Southern Minnesota Joint Stock Land Bank of Minneapolis .	Minneapolis, Minn.	S. D. & Minn.
34.	3-29-22.	The St. Louis Joint Stock Land Bank of St. Louis.....	St. Louis, Mo.	Ark. & Mo.
14.	4-17-19.	The Fremont Joint Stock Land Bank of Fremont.....	Lincoln, Nebr.	Iowa & Nebr.
8.	7-12-18.	The Lincoln Joint Stock Land Bank of Lincoln.....	Lincoln, Nebr.	Iowa & Nebr.
40.	5- 2-22.	The New York Joint Stock Land Bank of Rochester.....	Rochester	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.	Wash. & Ore.
47.	5-29-22.	The Pacific Coast Joint Stock Land Bank of Portland.....	Portland, Ore.	Wash. & Ore.
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.	Mo. & Kan.
39.	4-24-22.	The First Carolinas Joint Stock Land Bank of Columbia.....	Columbia, S. C.	N. C. & S. C.
6.	6-22-18.	The Mississippi Joint Stock Land Bank of Memphis.....	Memphis, Tenn.	Miss. & Tenn.
7.	6-22-18.	The Tennessee Joint Stock Land Bank of Memphis.....	Memphis, Tenn.	Ark. & Tenn.
22.	7- 3-19.	The Dallas Joint Stock Land Bank of Dallas.....	Dallas, Texas	Okla. & Texas
16.	4-23-19.	The First Texas Joint Stock Land Bank of Houston.....	Houston, Texas	Okla. & Texas
25.	9-15-19.	The San Antonio Joint Stock Land Bank of San Antonio.....	San Antonio, Texas	Okla. & Texas
48.	5-29-22.	The Pacific Coast Joint Stock Land Bank of Salt Lake City.....	Salt Lake City, Utah	Idaho & Utah
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 Lewisburg	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	July, 1930 Deposits	January, 1931 Deposits	July, 1931 Deposits	CITY	July, 1930 Deposits	January, 1931 Deposits	July, 1931 Deposits
Aberdeen, S. D.	\$ 7,470,470	\$ 6,521,320	\$ 6,519,770	Elmhurst, Ill.		\$ 3,749,990	\$ 3,730,120
Abilene, Texas	7,312,470	6,611,590	6,811,520	•El Paso, Texas	\$ 28,855,150	27,668,720	25,502,720
Adrian, Mich.	6,874,690	7,147,570	7,339,310	Elwood City, Pa.	3,791,640	4,120,840	3,617,110
Akron, Ohio	99,947,230	89,825,650	88,834,480	Elyria, Ohio	18,770,490	17,874,020	17,374,710
Alameda, Calif.	538,390	440,700	436,820	Emporia, Kan.	4,850,280	4,550,250	4,195,130
Albany, Ga.	2,858,840	2,946,620	2,654,120	Enid, Okla.	10,301,580	9,219,240	7,758,060
Albany, N. Y.	330,385,090	311,857,450	348,353,720	Erie, Pa.	58,737,410	64,183,160	62,252,880
Albert Lea, Minn.	3,670,540	3,632,220	3,469,400	Eugene, Ore.	7,262,170	7,537,030	7,046,550
Albion, Mich.	1,864,700	1,864,700	1,539,970	Evansville, Ind.	24,508,150	23,867,890	20,157,610
Alhambra, Calif.	3,242,140	3,178,910	3,010,470	Evansville, Ind.	53,140,100	56,578,970	56,780,170
Allentown, Pa.	42,140,180	41,625,890	40,490,690	Fairfield, Iowa	4,377,760	4,299,230	4,348,690
Altoona, Pa.	17,980,330	17,502,560	10,944,120	Fall River, Mass.	78,945,280	76,262,210	76,388,440
Amarillo, Texas	19,730,690	18,089,950	17,975,560	Fargo, N. D.	16,524,030	16,904,810	17,273,540
Ames, Iowa	3,760,130	3,342,010	3,104,730	Faribault, Minn.	4,703,810	4,677,770	4,444,040
Anaheim, Calif.	2,324,070	2,410,110	2,126,880	Fergus Falls, Minn.	5,150,120	5,248,060	5,520,960
Anderson, Ind.	7,651,240	7,337,810	6,781,040	Flint, Mich.	52,321,270	51,038,400	50,431,190
Ann Arbor, Mich.	17,736,230	17,425,030	17,306,880	Florence, S. C.	1,160,360	1,246,360	935,720
Anniestown, Ala.	5,812,470	6,197,090	5,736,010	Fort Dodge, Iowa	8,377,190	6,053,630	6,178,710
Ardmore, Okla.	6,824,200	5,685,300	5,267,230	Fort Wayne, Ind.	62,729,020	62,166,130	56,994,570
Arkansas City, Kas.		3,559,460	3,251,030	•Fort Worth, Texas	75,901,130	75,620,120	74,243,430
Asbury Park, N. J.	18,272,320	20,356,150	16,346,930	Franklin, Pa.	11,487,830	11,349,500	10,946,510
Asheville, N. C.	22,381,300	2,990,350	3,417,350	Frederick, Md.	28,865,270	33,437,390	32,921,250
Atchison, Kan.	5,073,690	4,856,910	4,359,060	Fremont, Neb.	4,428,180	4,184,210	3,889,480
Athens, Ga.		1,282,830	1,284,730	Fullerton, Calif.	1,223,260	1,223,260	1,172,880
•Atlanta, Ga.	111,260,000	110,005,530	118,124,920	•Galveston, Texas	31,832,910	34,025,030	32,415,130
Atlantic City, N. J.	52,446,930	58,485,600	49,982,040	Gary, Ind.	19,514,630	12,649,450	11,783,810
Augusta, Ga.	13,251,000	12,250,120	12,122,780	Gastonia, N. C.	6,383,340	2,706,400	4,037,600
Aurora, Ill.	14,416,220	14,075,850	13,882,090	Glendale, Calif.	2,700,310	2,320,110	2,072,060
Austin, Texas	24,072,610	24,991,540	24,606,100	Grand Forks, N. D.	7,249,920	6,923,880	7,001,090
Bakersfield, Calif.	1,876,110	1,906,750	2,022,570	Grand Island, Neb.	7,088,260	6,873,800	6,786,390
•Baltimore, Md.	562,000,620	574,839,280	599,199,050	•Grand Rapids, Mich.	82,677,020	82,355,050	80,206,560
Bangor, Me.	47,525,300	46,952,430	49,566,360	Great Falls, Mont.	16,672,080	16,411,490	14,975,880
Bartlesville, Okla.	9,735,420	9,627,110	9,368,420	Green Bay, Wis.	15,591,780	15,767,160	11,920,060
Battle Creek, Mich.	30,210,570	32,263,210	32,073,360	Greensboro, N. C.	49,302,900	47,229,160	41,785,240
Bay City, Mich.	28,175,260	27,782,740	27,665,630	Greensburg, Pa.	21,139,330	19,875,940	18,870,590
Beaumont, Texas	24,994,590	23,837,210	23,188,080	Greenville, Miss.	4,158,540	3,980,850	3,613,820
Bellingham, Wash.	10,290,440	10,337,120	9,756,520	Greenville, S. C.	7,112,360	6,522,140	6,794,560
Beloit, Wis.		12,356,690	12,307,550	Greenwood, Miss.	7,524,140	1,543,060	2,882,470
Bemidje, Minn.	2,099,980	2,004,540	2,005,280	Gulfport, Miss.	5,684,170	3,949,210	3,615,760
Berkeley, Calif.	2,779,070			Guthrie, Okla.	4,632,230	3,999,110	3,898,040
Bethlehem, Pa.	25,583,120	24,994,010	24,329,270	Hagerstown, Md.	18,925,760	19,663,200	18,784,130
Beverly Hills, Calif.			9,133,740	Hamilton, Ohio	13,757,950	13,155,660	13,031,670
Billings, Mont.	8,104,030	8,442,140	8,217,170	Hammond, Ind.	14,219,890	3,673,200	3,773,660
Binghamton, N. Y.	51,575,090	49,902,300	50,775,690	Hannibal, Mo.	4,965,920	3,710,100	3,990,220
•Birmingham, Ala.	81,575,920	80,198,330	74,807,000	Harrisburg, Pa.	43,717,040	43,053,080	41,961,790
Bloomington, Ill.	14,880,470	14,905,960	15,116,860	Hartford, Conn.	264,451,010	267,878,250	272,974,800
Bogalusa, La.			1,922,750	Hastings, Neb.	5,427,280	5,196,010	5,135,130
Boise, Idaho	16,781,300	16,585,520	15,711,360	Hattiesburg, Miss.	7,786,230	7,605,800	6,335,090
Boone, Iowa	5,951,440	5,410,270	5,361,910	Hazleton, Pa.	29,185,780	28,698,430	29,860,810
•Boston, Mass.	1,855,791,080	1,890,772,230	1,826,618,730	•Helena, Mont.	12,523,840	13,747,530	13,144,160
Bowling Green, Ky.	3,364,890	3,033,640	3,082,670	Henderson, Ky.	4,798,420	4,655,090	4,500,970
Bristol, Tenn., Va.	7,704,200	7,327,050	7,354,920	Henderson, N. C.	3,135,740	3,682,060	3,022,140
Brookfield, Mo.	1,231,360	1,070,510	1,008,810	Hibbing, Minn.	4,964,280	4,968,080	4,489,840
Brunswick, Ga.	3,331,760	3,112,880	2,851,210	Hollywood, Calif.	6,434,090	2,808,420	2,051,460
•Buffalo, N. Y.	618,811,290	607,965,340	621,685,530	Holyoke, Mass.	59,756,290	59,738,490	60,876,670
Butler, Pa.	16,805,770	15,186,490	14,601,660	Homestead, Pa.	12,714,210	12,777,410	12,594,940
Cambridge, Mass.	129,282,490	129,985,560	134,323,090	Hot Sp. N. Park, Ark.	7,654,510	6,475,960	6,338,560
Camden, N. J.	79,810,850	78,968,250	75,096,920	•Houston, Texas	156,747,300	167,495,350	158,843,940
Canton, Ohio	61,653,320	57,039,250	57,567,520	Huntington, W. Va.	19,134,040	18,187,240	15,506,820
Cape Girardeau, Mo.	3,968,670	3,646,680	3,988,090	Huntington Park, Calif.	1,380,490	1,352,160	1,352,160
Carthage, Mo.	2,641,990	2,381,540	2,285,310	•Hutchinson, Kan.	8,730,490	7,487,750	7,893,940
Casper, Wyo.	8,764,110	8,667,910	7,898,080	Independence, Mo.	3,654,140	3,741,310	3,633,020
•Cedar Rapids, Iowa	40,140,310	39,357,620	41,746,210	•Indianapolis, Ind.	167,552,910	157,655,270	156,993,560
Champaign, Ill.	9,424,560	9,220,170	8,864,060	Jackson, Mich.	21,430,430	19,682,190	18,820,110
Charles City, Iowa	5,023,080	4,792,610	4,570,980	Jackson, Miss.	22,863,700	21,057,230	18,504,150
Charleston, S. C.	72,547,820	77,474,750	68,397,370	•Jacksonville, Fla.	72,840,720	67,443,330	72,827,020
Charleston, W. Va.	40,779,560	38,062,750	37,944,360	Jacksonville, Ill.	9,682,840	9,411,180	9,882,100
•Charlotte, N. C.	39,442,620	37,266,180	39,297,690	Jamestown, N. Y.	36,216,080	36,738,700	36,098,570
Chattanooga, Tenn.	52,340,050	49,609,840	47,849,110	Jamestown, N. D.	3,207,680	3,043,190	3,122,100
Chester, Pa.	28,956,910	28,364,990	27,609,900	Johnstown, Pa.	44,583,100	43,214,480	40,573,280
Chester, S. C.	2,639,030	2,638,260	2,163,760	Joplin, Mo.	9,587,220	9,636,200	8,674,320
•Cheyenne, Wyo.	7,228,250	7,606,750	7,455,590	Kalamazoo, Mich.	21,838,740	21,348,550	19,799,390
•Chicago, Ill.	2,874,557,680	2,920,882,720	2,244,402,370	•Kansas City, Kan.	26,660,720	25,891,820	27,032,290
Chico, Calif.	6,176,210	5,839,490	5,841,010	•Kansas City, Mo.	302,892,490	301,096,310	302,985,990
Chillicothe, Mo.	2,510,570	2,307,330	1,363,800	Knoxville, Tenn.	44,366,650	26,436,960	31,514,350
Chino, Calif.				Kokomo, Ind.	7,990,710	6,111,680	5,718,740
•Cincinnati, Ohio	291,211,240	312,143,860	307,388,440	Kosciusko, Miss.	2,033,740	1,942,130	1,571,290
•Cleveland, Ohio	1,077,043,200	1,057,832,320	1,044,731,150	•LaCrosse, Wis.	15,243,680	14,723,010	14,999,610
Colorado Springs, Colo.	18,336,310	18,560,010	17,640,450	La Fayette, Ind.	19,587,380	19,825,810	19,091,830
Columbia, S. C.	14,089,160	13,215,110	12,657,500	Lancaster, Pa.	52,354,420	52,105,710	52,433,930
Columbus, Ga.	14,060,830	14,121,300	13,188,100	Lansing, Mich.	33,474,840	33,409,920	32,266,520
•Columbus, Ohio	123,902,790	112,893,980	119,849,520	Larned, Kan.	1,852,160	1,440,980	1,436,010
Cordele, Ga.	559,450	550,550	540,550	LaSalle, Ill.	7,044,910	7,263,450	6,525,200
Corsicana, Texas	8,596,580	8,092,500	7,392,570	Lawrence, Kan.	5,244,770	4,977,620	4,494,890
Council Bluffs, Iowa	14,144,220	13,742,470	12,839,240	Leavenworth, Kan.	8,849,910	8,646,370	7,340,610
•Dallas, Texas	166,285,730	162,305,320	167,933,270	Lebanon, Pa.	13,277,220	13,678,130	13,454,090
Danville, Ill.	9,300,490	8,265,530	8,591,750	Lewistown, Mont.	1,876,880	1,965,810	2,007,050
Davenport, Iowa	64,285,870	64,301,450	62,002,290	Lexington, Ky.	25,103,940	24,042,100	22,471,100
Dayton, Ohio	58,548,490	55,716,040	54,570,050	Liberal, Kan.	1,909,690	1,618,230	1,492,560
Decatur, Ala.		6,675,740	5,822,720	Lima, Ohio	10,763,720	11,455,820	7,599,350
Decatur, Ill.	14,838,450	14,393,880	14,743,680	Lincoln, Ill.	3,423,200	3,293,470	2,981,440
Deer Lodge, Mont.	3,779,840	3,477,110	3,525,850	•Lincoln, Neb.	28,514,990	27,340,150	29,182,950
•Denver, Colo.	156,650,410	167,623,360	158,318,420	Little Falls, Minn.	2,985,580	2,947,710	2,892,180
Derby, Conn.	13,709,260	13,643,510	13,309,860	•Little Rock, Ark.	49,108,700	33,894,200	35,176,690
•Des Moines, Iowa	64,135,660	64,877,050	66,625,690	Logan, Utah	5,099,240	5,147,170	5,013,190
•Detroit, Mich.	880,234,400	853,440,680	863,214,530	Long Beach, Calif.	58,601,270	56,053,943	53,673,217
Dickinson, N. D.	2,783,060	2,738,910	2,462,540	Lorain, Ohio	11,480,730	11,298,500	10,816,480
Dodge City, Kan.	2,659,620	2,400,560	2,092,680	•Los Angeles, Calif.	1,170,423,690	1,208,416,620	1,178,821,110
Dothan, Ala.	3,647,530	3,704,600	2,937,040	•Louisville, Ky.	147,254,090	110,350,570	115,548,970
Du Bois, Pa.	7,052,700	7,077,690	7,068,440	Lowell, Mass.	91,428,860	89,505,670	89,437,550
•Dubuque, Iowa	20						

CLEARING HOUSES IN THE UNITED STATES—Continued

CITY	July, 1930 Deposits	January, 1931 Deposits	July, 1931 Deposits	CITY	July, 1930 Deposits	January, 1931 Deposits	July, 1931 Deposits
Mansfield, Ohio	\$ 12,781,010	\$ 12,469,290	\$ 12,631,450	Rockford, Ill.	\$ 33,913,950	\$ 31,254,440	\$ 22,873,550
Marion, Ohio	6,056,360	5,671,750	4,794,000	Rock Island, Ill.	20,826,400	19,789,360	18,516,950
Martinsburg, W. Va.	7,242,020	7,300,960	6,861,600	Rocky Mount, N. C.	2,377,740	1,893,560	2,782,810
McAlester, Okla.	3,651,120	3,427,680	3,431,870	Rome, Ga.	5,897,660	5,090,820	4,922,750
Medford, Ore.	5,524,500	5,418,510	4,901,710	Sacramento, Calif.	58,831,800	61,994,880	64,993,520
•Memphis, Tenn.	96,540,030	83,663,660	90,890,730	Saginaw, Mich.	38,701,350	36,606,580	35,807,230
Meridian, Miss.	11,085,520	4,672,230	7,833,740	•St. Joseph, Mo.	35,738,100	35,369,210	35,960,880
Mexico, Mo.	1,895,710	2,045,380	1,994,730	•St. Louis, Mo.	604,497,780	601,780,260	575,457,740
Miami, Fla.	36,195,330	20,233,230	26,232,700	•St. Paul, Minn.	149,867,710	159,814,170	166,970,320
Michigan City, Ind.	8,635,960	8,358,700	7,800,880	St. Petersburg, Fla.	3,417,630	6,335,240	4,900,400
Milledgeville, Ga.	2,124,930	2,135,460	2,105,150	Salisbury, N. C.	1,199,010	1,137,160	1,026,160
•Milwaukee, Wis.	280,076,610	283,825,350	302,946,220	•Salt Lake City, Utah	84,987,230	88,850,330	82,007,030
•Minneapolis, Minn.	348,457,340	347,327,680	357,329,910	•San Antonio, Texas	66,935,210	65,464,490	64,440,940
Minot, N. D.	6,640,400	6,303,660	5,616,540	San Bernardino, Calif.	9,102,110	8,581,490	8,699,990
Mobile, Ala.	31,980,750	32,098,600	30,290,123	San Diego, Calif.	44,314,690	43,512,960	44,067,140
Modesto, Calif.	4,127,060	4,168,860	4,145,030	•San Francisco, Calif.	1,821,151,790	1,835,025,960	2,026,271,950
Moline, Ill.	26,941,070	27,269,440	24,622,960	San Jose, Calif.	10,171,190	10,572,130	9,162,870
Montclair, N. J.	38,719,470	37,925,740	38,303,080	San Pedro, Calif.	5,158,380	5,119,160	4,539,390
•Montgomery, Ala.	19,081,340	17,370,850	16,078,700	Santa Barbara, Calif.	9,119,090	9,571,940	9,806,730
Morgantown, W. Va.	8,045,370	4,382,360	4,607,710	Santa Cruz, Calif.	6,061,120	5,675,420	5,675,420
Mt. Carmel, Pa.	8,625,240	8,625,240	8,104,050	Santa Monica, Calif.	2,090,290	2,120,280	1,692,350
Muncie, Ind.	9,725,760	11,196,670	11,158,940	Santa Rosa, Calif.	3,400,000	3,262,340	3,528,140
Muskegon, Mich.	19,578,910	17,592,180	17,139,660	Sarasota, Fla.	2,499,700	2,516,930	2,330,610
•Muskogee, Okla.	11,501,410	11,160,980	11,081,180	•Savannah, Ga.	88,481,940	91,012,160	87,957,290
•Nashville, Tenn.	102,535,010	78,251,490	80,556,890	Scranton, Pa.	107,099,030	112,524,320	115,351,740
Nebraska City, Neb.	2,839,910	2,804,890	2,589,940	•Seattle, Wash.	211,278,430	223,906,280	223,779,640
New Albany, Ind.	11,479,700	11,035,540	10,800,870	Sedalia, Mo.	5,019,460	4,916,800	5,035,000
New Albany, Miss.	1,893,900	1,455,000	1,140,530	Shamokin, Pa.	12,935,430	13,272,380	13,101,950
•Newark, N. J.	430,076,520	433,486,310	435,111,320	Sheboygan, Wis.	19,736,550	19,482,190	19,320,570
Newark, Ohio	17,821,120	17,510,920	16,464,910	Sherman, Texas	5,557,890	5,135,610	5,443,980
New Bedford, Mass.	86,224,510	86,994,800	86,530,550	•Sioux City, Iowa	36,206,460	24,849,280	30,639,330
New Brighton, Pa.	3,136,480	2,904,870	2,745,570	Sioux Falls, S. D.	14,095,130	12,723,670	13,308,070
New Castle, Pa.	17,244,340	16,872,200	15,985,850	South Bend, Ind.	36,335,380	33,437,170	19,870,220
•New Haven, Conn.	166,998,040	168,207,550	174,023,500	South St. Paul, Minn.	6,361,290	6,314,450	6,291,420
New Kensington, Pa.	10,593,760	10,852,460	10,582,800	Spartanburg, S. C.	9,897,680	9,523,690	9,092,190
Newnan, Ga.	1,692,290	1,949,490	1,383,630	•Spokane, Wash.	66,904,170	64,940,390	65,636,130
•New Orleans, La.	240,609,690	246,972,120	243,254,500	Springfield, Ill.	31,144,400	29,666,530	29,987,300
Newport News, Va.	13,284,710	13,168,080	13,523,820	Springfield, Mass.	164,616,250	172,944,280	172,492,750
New Rochelle, N. Y.	37,942,280	38,851,940	37,871,560	Springfield, Mo.	16,102,140	16,895,560	16,509,000
•New York, N. Y.	15,143,131,142	14,606,183,888	14,491,520,840	Springfield, Ohio	18,870,480	18,534,380	17,947,040
Niagara Falls, N. Y.	42,177,270	42,464,450	38,797,680	Stamford, Conn.	44,862,250	46,489,280	45,596,080
Norfolk, Va.	58,868,500	55,435,640	55,920,060	Sterling, Ill.	5,745,720	5,414,480	5,767,460
Norristown, Pa.	21,325,630	21,347,930	20,199,690	Steubenville, Ohio	19,575,180	19,418,970	18,033,500
*Northern New Jersey City, N. Y.)				Stockton, Calif.	13,529,880	13,471,270	13,158,030
•Oakland, Calif.	73,343,590	75,184,700	78,184,560	Sumter, S. C.	3,302,240	3,021,630	2,669,500
Oelwein, Iowa	2,670,600	2,544,500	2,515,380	Superior, Wis.	11,327,160	11,061,500	11,079,940
•Ogden, Utah	22,256,270	23,766,970	22,242,670	Syracuse, N. Y.	213,879,130	213,057,750	219,118,200
Oil City, Pa.	19,395,020	19,833,330	18,306,390	Tacoma, Wash.	24,162,980	22,207,970	23,310,150
•Oklahoma City, Okla.	99,677,980	90,877,080	88,913,410	Tallahassee, Fla.	5,874,160	5,182,700	5,162,610
Okmulgee, Okla.	6,801,080	5,962,790	5,629,740	Tampa, Fla.	33,978,080	29,038,850	30,256,060
Olympia, Wash.	5,455,550	4,484,260	5,654,080	Terre Haute, Ind.	30,074,210	31,539,490	30,057,740
•Omaha, Neb.	116,136,150	111,988,670	115,216,480	Texasarkana, Ark.-Tex.	16,479,010	15,018,190	14,683,970
Orange, N. J.	26,688,070	26,995,240	27,182,910	Thomasville, Ga.	3,143,010	2,577,270	2,532,140
Orangeburg, S. C.	4,363,980	4,473,140	4,353,420	•Toledo, Ohio	187,365,340	181,926,140	148,755,010
Oshkosh, Wis.	17,703,380	17,119,890	17,590,160	•Topeka, Kan.	31,604,710	34,077,540	35,289,950
Owensboro, Ky.	10,955,360	10,342,090	9,749,540	Trenton, N. J.	104,150,600	112,646,510	112,837,680
Palestine, Texas	3,180,740	2,789,750	2,819,420	Tucson, Ariz.	17,726,890	15,209,340	12,954,880
Parsons, Kan.	2,634,810	2,657,560	2,470,170	•Tulsa, Okla.	103,136,980	102,330,880	90,276,980
•Pasadena, Calif.	27,994,280	28,793,290	27,949,630	Tupelo, Miss.	5,618,300	2,214,620	2,692,580
Passaic, N. J.	47,044,370	51,437,370	50,779,120	Twin Falls, Idaho	4,148,910	4,235,650	3,345,550
Paterson, N. J.	130,890,700	134,412,720	134,075,100	Uniontown, Pa.	20,251,550	18,136,660	16,265,100
•Peoria, Ill.	43,313,170	44,139,750	44,119,700	Utica, N. Y.	92,066,410	92,010,280	88,554,520
Petersburg, Va.	9,159,250	8,709,330	8,201,620	Valdosta, Ga.	3,320,540	3,143,710	2,615,150
•Philadelphia, Pa.	1,944,348,690	1,931,295,060	2,057,220,360	Vernon, Texas	3,939,910	3,183,650	3,108,200
Phillipsburg, N. J.	6,704,000	7,125,940	6,467,740	Vicksburg, Miss.	10,665,210	9,585,000	9,783,490
Phoenix, Ariz.	34,368,150	29,924,360	34,294,350	Vincennes, Ind.	5,215,130	5,162,070	4,661,640
Pine Bluff, Ark.	11,831,480	7,036,980	9,814,450	•Waco, Texas	20,618,530	21,167,860	19,905,110
Pittsburg, Kan.	6,006,360	5,604,800	5,387,450	Warren, Pa.	24,695,330	25,160,130	23,075,770
•Pittsburgh, Pa.	1,014,832,080	1,053,193,000	1,102,216,930	•Washington, D. C.	261,930,390	266,725,920	278,334,599
Pittston, Pa.	18,313,230	18,504,840	18,250,640	Waterbury, Conn.	76,513,680	76,423,760	73,132,670
Pocatello, Idaho	4,519,430	4,350,980	4,272,730	Waterloo, Iowa	13,664,060	12,121,910	12,215,510
Pontiac, Mich.	29,701,640	28,750,510	9,535,710	Watertown, S. D.	4,327,140	4,285,170	4,008,940
Portland, Me.	108,229,010	112,009,980	117,475,620	Watertown, Wis.	5,226,740	4,965,090	4,969,430
•Portland, Ore.	146,641,490	145,052,870	147,538,140	Watsonville, Calif.	4,266,820	4,617,940	4,462,560
Portsmouth, Va. (See Norfolk)				Wheeling, W. Va.	51,549,220	48,455,470	50,091,000
Pottsville, Pa.	21,695,120	23,605,910	22,349,440	•Wichita, Kan.	44,251,883	42,556,963	42,293,870
Providence, R. I.	418,748,250	424,866,610	430,921,520	Wichita Falls, Texas	19,607,930	17,497,980	14,950,800
•Pueblo, Colo.	25,942,410	26,112,190	24,187,100	Wilkes-Barre, Pa.	66,263,440	65,654,020	71,024,570
Quincy, Ill.	22,108,660	10,471,040	13,948,220	Williamsport, Pa.	24,295,230	23,009,950	21,602,660
Racine, Wis.	19,329,070	17,940,050	17,471,570	Wilmington, Calif.	88,058,580	89,645,380	89,789,980
Raleigh, N. C.	12,121,130	7,379,770	12,207,490	Wilmington, N. C.	8,603,850	8,478,840	7,368,230
Reading, Pa.	62,127,430	58,213,080	56,169,130	Winchester, Va.	7,165,900	6,859,840	6,474,290
Redondo Beach, Calif.	2,160,440	1,945,830	1,728,710	Winona, Minn.	15,099,860	15,681,470	15,548,100
Red Wing, Minn.	4,770,270	4,750,340	4,633,900	Winter Haven, Fla.	3,239,300	2,289,850	2,814,030
Reno, Nev.	18,033,210	18,381,480	17,370,030	Worcester, Mass.	231,910,940	234,237,070	233,370,650
•Richmond, Va.	139,319,180	132,361,230	137,860,000	Yakima, Wash.	11,332,040	11,440,730	10,362,170
Riverside, Calif.	11,060,970	9,996,360	10,147,860	Yankton, S. D.	2,963,610	2,940,400	2,476,710
Roanoke, Va.	30,518,650	30,086,320	30,178,960	Yonkers, N. Y.	36,165,080	35,303,930	34,904,310
Rochester, Minn.	7,556,570	7,492,760	7,213,220	Youngstown, Ohio	77,203,680	75,214,100	74,368,600
Rochester, N. Y.	378,732,740	381,787,150	386,552,080				

• 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.

CONSOLIDATED CAPITULATION FOR JULY 1931 STATEMENTS

IMPORTANT: This tabulation covers only institutions performing the functions of a bank. Some publishers, for reasons of their own, include in their tabulation all those concerns whose names they publish but whose business is confined to the selling of investments. Such information is naturally misleading. We carry the names of thousands of such institutions but they are not included in this tabulation.

STATE	Total Nat'l Banks	Total State Banks and Trust Cos.	Total Private Bankst	Total All Banks▲	LIABILITIES					RESOURCES				
					Capital	Surplus and Profits	Deposits	Accepts. L. of C., etc.	Total Liabilities	Loans and Discounts	Bonds and Securities	Miscellaneous	Cash and Exchange Due from Banks	Total Resources
Alabama.....	90	196	*1	287	\$ 27,679,485	\$ 26,141,740	\$ 227,697,353	\$ 22,585,690	\$ 304,104,268	\$ 171,623,670	\$ 55,109,540	\$ 17,877,520	\$ 59,051,510	\$ 303,662,240
Alaska.....	4	9	1	14	915,000	875,690	11,946,480	212,260	13,949,430	5,527,230	4,230,480	1,093,020	3,098,370	13,949,100
Arizona.....	12	29	-----	41	5,525,400	5,722,710	75,225,640	1,901,640	88,375,390	36,828,280	26,929,500	4,098,800	20,518,610	88,375,190
Arkansas.....	57	262	1	320	15,395,300	11,737,950	159,612,450	7,157,810	193,903,510	101,433,480	33,580,740	8,151,190	50,795,290	193,960,700
California.....	190	208	-----	398	204,286,520	208,079,061	3,471,521,050	150,468,010	4,034,354,641	2,131,641,650	1,071,714,730	231,350,140	600,082,520	4,034,789,040
Colorado.....	112	138	-----	250	17,155,500	17,802,310	291,939,120	7,375,010	334,271,940	132,385,200	109,613,395	9,328,170	82,931,430	334,258,195
Connecticut.....	63	177	6	246	48,896,000	152,451,850	1,275,557,540	34,835,860	1,511,741,250	876,256,834	467,954,640	51,142,750	116,155,020	1,511,509,244
Delaware.....	16	38	-----	54	12,989,055	31,029,350	145,958,610	5,011,330	194,988,345	103,945,210	62,539,780	5,959,850	22,493,700	194,924,330
Dist. of Col.....	13	27	-----	40	23,327,870	26,970,000	278,334,599	11,841,000	340,473,469	159,145,210	89,754,870	28,041,590	63,541,830	340,473,500
Florida.....	54	144	1	199	22,893,338	15,158,140	239,899,750	8,277,720	286,228,948	81,562,000	111,326,070	14,110,850	79,224,280	286,223,200
Georgia.....	69	279	36	384	37,351,312	34,377,170	332,551,740	17,168,110	421,448,332	223,619,390	76,074,350	24,960,620	96,333,880	420,988,240
Hawaii.....	1	18	-----	19	5,850,000	5,974,310	82,734,060	10,182,490	104,741,760	52,435,970	27,252,510	7,782,880	17,270,360	104,741,720
Idaho.....	39	92	-----	131	5,967,500	5,140,260	79,613,070	3,651,860	94,372,690	41,911,440	27,238,190	5,309,630	19,893,620	94,352,880
Illinois.....	420	1,022	1,442	2,659,515	252,138,449	3,205,874,530	227,731,110	3,951,695,589	1,904,483,790	1,038,508,190	323,370,902	685,334,150	3,951,697,032	
Indiana.....	188	522	*98	808	65,545,193	59,331,130	745,258,250	145,633,090	1,015,767,663	489,699,770	202,553,810	151,908,980	1,015,385,790	
Iowa.....	211	881	79	1,171	57,827,500	42,993,730	779,778,980	16,750,900	897,351,110	513,403,507	194,192,530	46,698,259	141,322,730	895,617,026
Kansas.....	235	729	4	968	35,687,500	27,147,470	372,587,380	15,299,850	451,022,150	224,594,080	96,710,220	20,503,070	109,052,900	450,799,870
Kentucky.....	123	394	-----	517	36,585,100	40,590,230	399,922,250	56,947,087	534,044,667	313,012,230	98,939,930	38,377,450	83,364,560	533,694,170
Louisiana.....	29	177	-----	206	32,100,690	27,961,010	430,402,450	22,827,060	513,291,210	279,860,908	98,437,140	37,025,840	97,953,300	513,277,188
Maine.....	45	74	-----	119	13,125,800	35,701,150	411,113,300	15,693,490	475,633,740	228,609,180	197,947,780	13,468,530	35,877,190	475,902,680
Maryland.....	72	146	4	222	38,970,200	33,183,240	827,773,860	23,945,780	4,910,100,811	448,321,875	368,545,050	37,196,910	119,743,830	973,807,663
Massachusetts.....	158	292	*3	453	164,667,260	373,881,890	4,186,397,721	185,153,940	9,130,000,811	2,735,076,340	1,473,424,390	275,246,810	426,819,265	4,908,566,805
Michigan.....	117	545	76	738	98,844,240	130,303,130	1,733,668,740	92,445,670	2,055,261,780	574,735,090	403,221,370	259,022,080	2,054,326,470	4,908,566,805
Minnesota.....	247	684	-----	931	57,939,200	46,786,420	970,335,770	22,405,470	1,097,466,860	496,471,830	353,633,820	36,202,000	210,925,810	1,097,233,460
Mississippi.....	27	216	-----	243	13,665,450	12,378,229	168,519,380	9,079,450	203,642,509	108,084,220	43,505,050	10,161,720	41,429,964	203,180,954
Missouri.....	117	951	3	1,071	99,363,000	74,850,620	1,213,659,870	38,171,510	1,426,045,008	687,421,440	398,864,710	49,246,480	290,354,100	1,425,886,730
Montana.....	57	105	*1	163	9,745,000	8,390,270	137,477,070	5,330,300	160,942,640	64,741,920	55,945,130	6,780,740	33,386,330	160,804,120
Nebraska.....	166	570	-----	736	29,182,500	18,446,528	365,705,720	13,621,395	426,956,143	216,056,450	92,298,878	17,688,380	100,464,520	426,508,228
Nevada.....	10	23	-----	33	3,296,600	1,817,140	37,765,430	1,502,450	44,381,620	25,615,410	8,274,210	2,165,260	8,268,370	44,323,250
New Hampshire.....	54	67	-----	121	9,322,740	29,489,970	274,149,000	9,506,900	322,468,610	146,129,330	151,898,650	7,380,570	17,518,000	322,962,550
New Jersey.....	291	243	*4	538	139,782,105	230,922,820	2,276,227,710	107,039,890	2,753,972,525	1,303,456,156	1,023,032,450	145,720,140	281,655,420	2,753,864,166
New Mexico.....	26	25	-----	51	2,920,000	1,919,330	39,448,360	2,088,880	46,376,570	21,319,750	13,711,980	1,945,490	9,440,330	46,417,550
New York.....	538	506	17	1,061	939,832,050	2,266,894,170	18,256,676,710	1,766,792,320	23,230,195,250	11,420,130,650	6,444,704,960	1,722,172,050	3,641,501,735	23,228,509,395
North Carolina.....	56	301	-----	357	32,609,125	29,561,640	307,032,709	23,828,570	393,032,044	237,603,680	55,580,180	26,465,400	392,721,670	392,721,670
North Dakota.....	96	205	-----	301	10,725,500	6,779,990	126,552,080	41,808,740	185,866,310	102,730,960	47,502,780	7,557,690	28,042,230	185,833,660
Ohio.....	291	559	*49	899	185,809,900	202,803,170	2,575,293,040	126,130,920	3,090,037,030	1,786,498,480	685,189,535	192,202,540	426,047,460	3,089,938,015
Oklahoma.....	262	295	-----	557	33,207,150	18,951,650	391,034,490	12,502,620	455,695,910	205,358,560	129,853,410	17,115,650	103,091,500	455,419,120
Oregon.....	88	125	1	214	20,196,000	14,877,650	8,804,890	8,804,890	303,467,560	113,352,190	111,042,380	11,710,480	66,893,850	303,118,900
Pennsylvania.....	808	583	*28	1,419	348,902,520	856,348,040	5,372,688,140	310,161,110	6,888,099,810	3,298,102,310	2,368,048,950	378,289,870	845,056,575	6,889,497,705
Rhode Island.....	10	21	-----	31	16,365,000	52,077,070	52,320,394,430	5,326,460	603,372,960	281,361,630	259,038,290	11,860,310	51,038,080	603,298,310
South Carolina.....	31	117	-----	148	14,077,450	11,110,450	153,795,330	6,396,750	185,379,980	96,704,420	45,026,740	11,811,700	31,908,390	185,451,250
South Dakota.....	91	216	*2	309	10,312,500	7,248,950	121,104,840	4,388,250	143,054,540	70,846,760	37,061,830	27,153,220	143,008,560	143,008,560
Tennessee.....	190	347	1	438	38,719,245	33,922,670	387,032,740	30,615,690	490,290,345	287,646,940	66,293,430	33,479,110	102,504,480	489,923,960
Texas.....	537	647	69	1,253	109,688,180	82,645,310	1,050,577,550	70,928,770	1,313,839,810	644,848,672	250,171,630	79,322,192	339,193,260	1,313,535,754
Utah.....	19	74	-----	93	10,821,000	8,569,590	139,821,590	21,177,190	180,389,370	99,936,750	44,372,210	6,698,810	29,157,450	180,165,220
Vermont.....	44	56	-----	100	7,986,000	21,724,970	266,124,900	13,603,640	269,439,510	153,029,730	86,815,100	13,053,810	16,102,290	269,000,930
Virginia.....	150	270	8	428	56,606,175	48,172,420	476,911,020	42,752,100	624,441,715	393,889,830	96,900,400	28,341,670	105,032,020	624,163,920
Washington.....	99	213	-----	312	37,822,000	21,086,080	479,497,330	56,020,770	560,020,770	256,954,480	177,965,660	20,941,580	103,873,780	559,735,500
West Virginia.....	104	159	-----	263	29,128,600	33,625,000	296,845,760	19,975,370	379,574,730	235,934,232	67,903,320	23,640,870	52,150,740	379,629,162
Wisconsin.....	146	763	-----	909	70,950,000	62,027,460	353,973,660	35,362,300	1,104,313,420	584,685,280	295,720,920	46,313,380	177,303,050	1,104,022,630
Wyoming.....	23	60	-----	83	4,235,000	4,396,330	58,014,620	2,531,879	69,177,829	37,038,130	15,551,950	2,452,159	14,125,770	69,168,009
Grand Total U.S.	6,796	14,800	493	22,089	\$ 3,580,747,253	\$ 5,822,515,907	\$ 57,383,918,050	\$ 3,865,755,941	\$ 70,652,937,151	\$ 35,448,601,152	\$ 19,933,221,478	\$ 4,673,011,932	\$ 10,587,734,389	\$ 70,642,568,951

*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.

CANADA

Alberta.....	292
British Columbia.....	229
Manitoba.....	220
New Brunswick.....	97
Newfoundland.....	29
Nova Scotia.....	44
Ontario.....	1,426
Prince Edward Island.....	27
Quebec.....	684
Saskatchewan.....	445
St. Pierre et Miquelon.....	2
Yukon.....	4

Total, Canadian Banks and Bankers..... 3,499