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RAND McNALLY
BANKERS DIRECTORY

JANUARY 1930

PUBLISHED IN MARCH

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Bonds—to fit your bank's needs

A SERIES of advertisements recently appeared in a number of bank publications, showing how the requirements growing out of typical bank situations should be governing factors in the construction of sound bond reserves. These advertisements are reproduced here in miniature.

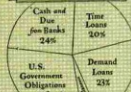
The variations upon these situations are almost endless. The problems of each bank call for individual treatment. The solution is to analyze your situation, to determine your needs and to design your bond reserve accordingly. You are invited to avail yourself of our long experience in the field of bank investment.

BONDS—for bank income

COMPARE these charts. The one on the right is based upon investment of a national bank located in a thriving industrial and commercial city of the Middle West. Its conservative policy has been the policy of its investors in the past that all generally accepted legal and conservative investments have been made by large margins.



ASSETS AT PRESENT



The Problem of your bank

To what extent should your bank hold bonds? ... What type of bonds should you favor—public utility, industrial, corporate real estate, railroad, foreign, or municipal? ... Are long term or short term issues logical for you? ... Should yield be emphasized instead of liquidity, or the contrary? ... What percentage should be made up of revolving funds?

THERE is no yardstick—no formula—for all banks alike. It all depends upon your individual needs. These can be determined by capable analysis. Once your requirements have been determined by this

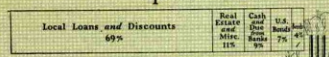
AUGGESTED redistribution of this bank's assets is indicated in the above chart. U.S. Government Bonds having an initial term of 10 to 15 years, Cash and Due from Banks, has been reduced from 39% to 15%. This money has been available for well-designed and highly conservative foreign bonds, real estate, and other investments. The bank's assets are now more diversified and its income is more secure.

Every bank has its own special situation. The position of each bank is different.

HA

CHICAGO, 201 South La Salle Street NEW YORK, 35 Wall Street AND OTHER PRINCIPAL CITIES

BONDS—to Reduce Dependence upon Local Conditions



Existing Situation: The bank whose position is probably not such as the above chart is located in a conservative city. Its income and its assets are not dependent upon one industry. Nevertheless, this bank and the rest of the banks in the city are directly and indirectly dependent upon the prosperity of the city.



Improved Situation: This chart shows a redistribution of the bank's assets from the above chart. The bank's assets are now more diversified and its income is more secure.

What special factor should be considered in the structure of the bond reserve by the bank serving a predominantly industrial community? ... Should long-term or short-term bonds be favored, and how should maturities be distributed? ... How should local real estate bonds be regarded by such an institution? ... Other local obligations? ... To what extent should a bank's non-revolving paper be considered in the selection of its bonds?

There is no bond reserve plan that will apply to all bank situations. The only solution is to analyze and study your own situation, determine the needs which must be served, and to make the selection of a bond reserve that is logical and sound. The knowledge resulting from our long experience in this regard is the basis of our "Sound Investment Practice for the Commercial Bank," discussed in the problem of bank investment at greater length. A copy will gladly be sent you on request.

HALSEY, STUART & CO.

CHICAGO, 201 South La Salle Street NEW YORK, 35 Wall Street AND OTHER PRINCIPAL CITIES

Our recently published folder, *Sound Investment Practice for the Commercial Bank*, discusses this subject at a greater length. It sets forth the four essentials of successful banking and then points out the ways a bond reserve helps to attain these objectives, following with a detailed analysis of points to consider in building such a reserve. A copy will be sent upon request.

Bonds for MARKETABILITY and STABILITY

THE upper chart at the right represents the condition of a bank located in Illinois as reflected in a recent statement. The distribution of assets indicates that this institution has a well diversified and—consequently—making a reliable investment policy. There is one particular, however, in which the bond reserve of this bank falls short of its maximum possibilities. Despite the liquidity which the bond reserve affords, it is not designed to provide adequate protection against the possibility of a period of declining prices levels. A change in policy with reference to a portion of the bond reserve will provide this bank with all the protection it is reasonably likely to need against a less favorable market for long-term bonds. This change will go a long way toward eliminating the elements of risk involved in changing interest levels—a risk which even many experienced investors have been accustomed to look upon as unavoidable.

This instance emphasizes the importance of consistent action. Even the bank which knows it has a sufficiently large and liquid reserve of sound bonds.

PRESENT SITUATION

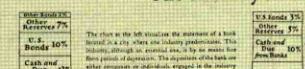


IMPROVED SITUATION

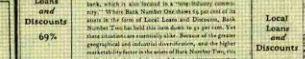
In your situation, what guidelines do you require to make your bank's position more secure? ... How can you protect yourself with precision against the possibility that you may lose a liquid reserve of your bond holdings from a security—and in a worst case, a loss of your bank's reputation and credit position?

RESTOR

BONDS—to Protect the One-Industry Bank



The chart on the left indicates the statement of a bank located in a city where one industry predominates. This industry, although in control, is by no means the only source of income. The bank's assets are not dependent upon one industry. Nevertheless, this bank and the rest of the banks in the city are directly and indirectly dependent upon the prosperity of the city.



Improved Situation: This chart shows a redistribution of the bank's assets from the above chart. The bank's assets are now more diversified and its income is more secure.

Even though the bank's position is secure, it is not immune to the possibility of a period of declining prices levels. A change in policy with reference to a portion of the bond reserve will provide this bank with all the protection it is reasonably likely to need against a less favorable market for long-term bonds. This change will go a long way toward eliminating the elements of risk involved in changing interest levels—a risk which even many experienced investors have been accustomed to look upon as unavoidable.

HALSEY, STUART & CO.

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BONDS—to insure liquidity

THE chart above on the left shows the condition of a bank located in a city where one industry predominates. This industry, although in control, is by no means the only source of income. The bank's assets are not dependent upon one industry. Nevertheless, this bank and the rest of the banks in the city are directly and indirectly dependent upon the prosperity of the city.



Improved Situation: This chart shows a redistribution of the bank's assets from the above chart. The bank's assets are now more diversified and its income is more secure.

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SCRANTON
Mears Building

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DETROIT
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ATTORNEYS
DEALERS IN BANK EQUIPMENT
SERVICE AND SUPPLIES

JANUARY 1930

108th EDITION — FOUNDED 1872 — 58th YEAR



RAND McNALLY & COMPANY

Official Numbering Agent for American Bankers Association

NEW YORK

CHICAGO

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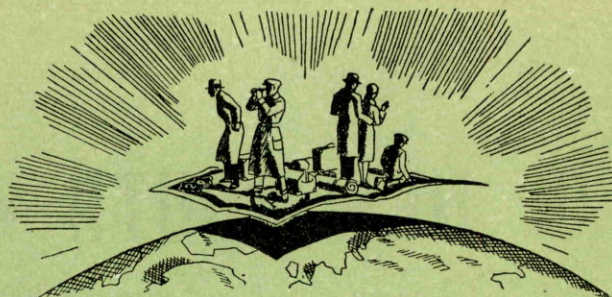
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Reserve Liability of Proprietors	- - -	- -	37,500,000.00
			<u>\$105,750,000.00</u>
Aggregate Assets			
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ISSUED AND PAID-UP CAPITAL	- - - -		79,291,085
RESERVE FUND	- - - -		51,250,000
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Deposits (Dec. 31st, 1928)	- - -	1,982,034,820

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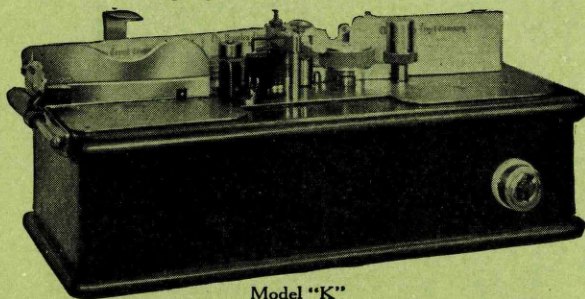
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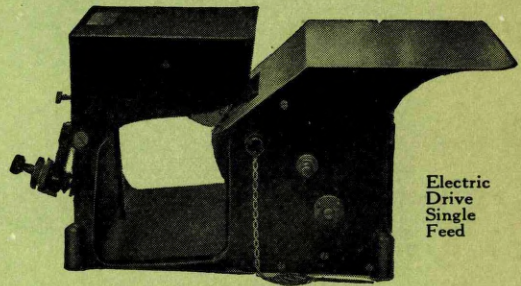
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JANUARY 1930 EDITION

PUBLISHED BY

RAND McNALLY & COMPANY

NEW YORK

CHICAGO

SAN FRANCISCO

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COMPLETE FINDING LIST

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

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

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

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

The various classifications under which firm names appear are designated by number, and the figures below refer to these and not to the pages on which the listings appear in the **Classified Section**.

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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.
GORE & CO., EDWARD, 111 W. Monroe, Chicago, Ill.
 Gregerson Bros., Omaha N. Bk. Bldg., Omaha, Neb.
LAFRENTZ & CO., F. W., 100 Broadway, New York, N. Y. (See our adv. on this page.)
 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.
 Pienning & Snyder, Inc., 515 Commerce Bldg., Columbus, Ohio.
 Remington Rand Business Service, Inc., 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 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

Brace & Co., H. G., 400 Seventh North, Seattle, Wash.
 C. Franklin Hawk, 33 Public Square, Cleveland, O.
 National Service Bureau of New York, Inc., 80 John, New York, N. Y.
 Western Lithograph Co., 600 E. 2nd, Los Angeles, Calif.

ADVERTISING DATA SERVICE

(See Service, Advertising Data)

F. W. LAFRENTZ & CO.

Certified Public Accountants

Executive Offices:

100 Broadway, New York, N. Y.

Branches

CLEVELAND CHICAGO BOSTON ATLANTA RICHMOND
 BALTIMORE LOS ANGELES SAN FRANCISCO
 PHILADELPHIA WASHINGTON, D. C. JACKSON
 NEW ORLEANS OAKLAND LONDON, ENG.

6 ADVERTISING, DIRECT MAIL MATERIAL

American Embossing Co., 196 Seneca, Buffalo, 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, 25 E. Bay, Savannah, Ga.
 Collins Mailvertising Co., 1775 Broadway, New York, N. Y.
 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.
 Graves, Inc., Wm. Elliott, 30 N. Michigan, Chicago, Ill.
 Griffith-Stillings Press, 368 Congress, Boston, Mass.
 Hamman Advertising, Inc., K. L., 316 13th, Oakland, Cal.
 Hawk, C. Franklin, 33 Public Square, Cleveland, O.
 Inland Co., 608 S. Dearborn, Chicago, Ill.
 Jeffcott & Co., 421 Chestnut, Philadelphia, Pa.
 Koss Co., Inc., O. A., 531 W. Larned, Detroit, Mich.
 National Service Bureau of New York, Inc., 80 John, New York, 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 Publishing Corp., 222 E. Superior, Chicago, Ill.
 Staples & Staples, Inc., 10 S. 10th, Richmond, Va.
 Tracey & Clark, Inc., 821 Cherry, Philadelphia, Pa.
 Weldon & Baldwin, Inc., 448 N. Wells, 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.

Coleman Co., David A., 110 Locust, St. Louis, Mo.
 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., 325 W. Adams, Chicago, Ill.
 Fogarty Manufacturing Co., 800 Monument Ave., Dayton, O.
 Follis Adv. Service, W. E., 159 N. State, Chicago, Ill.
 Franklin-Studios-Inc., 236 W. 55th, New York, N. Y.
 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., 80 John, New York, 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.
 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., 2240 N. Racine, 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, 25 E. Bay, Savannah, Ga.
 Chase & Young Advertising, Nicholas Bldg., Toledo, O.
 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., 731 Plymouth Ct., 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.
 Erwin, Wasey & Co., Ltd., 844 Rush, Chicago.
 First National Advertising Service, 537 S. Dearborn, Chicago, Ill.
 Frank & Company, Albert, 165 Broadway, New York, N. Y.
 Franklin-Studios, Inc., 236 W. 55th, New York, N. Y.
 Gallard & Associates, W. J., Industrial Bldg., Newark, N. J.
 Graves, Inc., Wm. Elliott, 30 N. Michigan, Chicago, Ill.
 Hamman Advertising, Inc., K. L., 316 13th, Oakland, Calif.
 Hawk, C. Franklin, 33 Public Square, Cleveland, O.
 Hill Co., Inc., The Albert P., 233 Oliver Ave., Pittsburgh, Pa.
HUDSON SERVICE FOR BANKS, 149 Broadway, New York, N. Y.
 Illustrated Current News, 511 Chapel, New Haven, Conn.
INLAND CO., 608 S. Dearborn, Chicago, Ill.
 Investment Advertising Co., 208 S. La Salle, Chicago, Ill.

ADVERTISING SERVICE—CONTINUED

Jeffcott & Co., 421 Chestnut, Philadelphia, 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.
 McMunkin Adv. Co., 228 N. LaSalle, Chicago, Ill.
 Millett, Roe & Co., 120 Broadway, New York, N. Y.
 Morison, Francis R., 518 Sloan Bldg., Cleveland, O.
 National Service Bureau of N. Y., Inc., 80 John, New York, 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.
 Scovil Bros. & Co., Inc., 75 West St., New York, N. Y.
 Selling Aid, 6 N. Michigan Ave., Chicago, Ill.
 Slogan Advertising Agency, 128 E. Main, Norristown, Penn.
SMITH CO., K. L., 1486 Union Tr. Bldg., Cleveland, O. (See our adv. on this page.)
 Speer Calendar Bank Co., 110 E. Wisconsin Ave., Milwaukee, Wis.
 Standard Publishing Corp., 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.
 Tenbrook Co., The, 180 N. Michigan, 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., 448 N. Wells, 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.
 Wyckoff, R. D. (Analytical Staff, Inc.), 42 Broadway, New York, New York.

ADVERTISING SPECIALTIES

(See Novelties, Advertising and Specific Headings)

11 ADVERTISING, STREET CAR

Collier, Inc., Barron G., New York, N. Y.

12 ADVERTISING, TRUST DEPARTMENT

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

Call's Bankers Service Corp., 25 E. Bay, Savannah, Ga.
 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

Ad-Moves Co., 86-34th, Brooklyn, N. Y.
 Advertising Displays, Inc., 1929 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., 2240 N. Racine, 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.
 Coleman Co., David A., 110 Locust St., St. Louis, Mo.
 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., 325 W. Adams, 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.
 Modern Art Service, 208 E. 47th, New York, N. Y.
 Motion Publicity, Inc., Ypsilanti, Mich.
 National Service Bureau of New York, Inc., 80 John, New York, 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.
 Schaeffer 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.
 Spigal Co., G. B., 767 Milwaukee Ave., Chicago, Ill.
 Standard Slide Corp., 209 W. 48th, New York, N. Y.
 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.
 Arndt & Co., John Falkner, 1401 Lewis Bldg., Philadelphia, Pa.
 Aubrey & Moore, Inc., 410 N. Michigan Ave., Chicago, Ill.
 Auspiz-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-Maxwell, Inc., 722 Chestnut, St. Louis, Mo.
 Benson, Gamble, Johnson & Read, 222 W. Adams, Chicago, Ill.
 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 & Dengler, 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., 844 Rush, 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, 163 Broadway, New York City.
 Freeze-Vogel-Crawford, Inc., 441 Broadway, Milwaukee, Wis.
 Fuller & Smith, Inc., 1501 Euclid Ave., Cleveland, Ohio.
 Geare, Marston & Pilling, Inc., 1600 Arch, Philadelphia, Pa.
 Green & Van Sant Co., The, 207-218 Court Square Bldg., Baltimore, Md.
 Guenther-Russell Law, Inc., Rudolph, 131 Cedar, New York City.
 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.
 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.
 Landsaft 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.
 McMunkin 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 & Trust Bldg., 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.
 Pace Company, The, 14 E. Jackson Blvd., Chicago, Ill.
 Penman & Parry, 2100 Fifth Ave., Seattle, Wash.
 Presbrey Co., Inc., Frank, 247 Park Ave., New York City.

K. L. SMITH COMPANY
UNION TRUST BUILDING **CLEVELAND, OHIO**
Financial Advertising
Campaigns for: Service Charge on Checking Accounts — Industrial Loan Depts. — New Building Openings
NEWSPAPER — DIRECT MAIL — WINDOW & LOBBY DISPLAY

AGENCIES, BANK ADVERTISING—CONTINUED

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., Cleve-
land, Ohio.
Scovil Bros. & Co., 75 West, New York City.
SMITH CO., K. L., 1486 Union Trust Bldg.,
Cleveland, Ohio.
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.; Cit-
izens & 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., 165 E. Michigan, Mil-
waukee, 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., Wash-
ington, D. C.
The Globe-Wernicke Co., Carthage Ave., Cin-
cinnati, 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., Brook-
lyn, N. Y.
Morgan French Co., 19 W. 44th, New York, N. Y.
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. (See our adv.
on this page.)



THE FIRST NATIONAL BANK
AMSTERDAM, N. Y.

UTILIZING space not immediately
required by banking depart-
ments, small shops with selected
tenants bring a substantial revenue
and can be designed to permit enlarg-
ing the banking quarters with but
minor changes.

UFFINGER, FOSTER & BOOKWALTER
ARCHITECTS

BANK EQUIPMENT & VAULT ENGINEERS
221 WEST 57th STREET
NEW YORK

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.
 Hoggson Bros., 485 Fifth Ave., New York, N. Y.
 James Co., Thomas M., 3 Park, Boston, Mass.
 Lacy Co., L. D., 1206 Syndicate Tr. Bldg., St. Louis, Mo.
 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.
 Nat. Bk. Construction & Equipment Co., 911 Syndicate Tr. Bldg., 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.

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, Coshocton, O.
 Chase Bag Co., 206 S. Water, Milwaukee, Wis.
 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 37G.)
 Shedd-Brown Mfg. Co., 319 5th Ave., So. Minneapolis, Minn.
 Spurgin Mfg. Co., 7011 Vincennes Ave., Chicago, Ill.
 Strayer Coin Bag Co., 1028 4th Ave., New Brighton, Pa.
 Troy Sunshade Co., 612 Grant, Troy, O.
 The Twentieth Century Co., 542 So. Dearborn, Chicago, Ill.

22 BAGS, MAILING

Bemis Bro. Bag Co., 601 S. 4th, St. Louis, Mo.
 Fulton Bag and Cotton Mills, 170 Blvd., Atlanta, Ga.
 Strayer Coin Bag Co., 1028 4th Ave., New Brighton, Pa.
 Troy Sunshade Co., The, 612 Grant, Troy, O.

BALING MACHINES

(See Machines, Baling, 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.
 Beach Leather Co., 1301 E. Walnut, Coshocton, O.
 Buckeye Leather Co., 946 Chestnut, Coshocton, 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., Coshocton, Ohio.
 Nutry, John, 85-87 Adams, Brooklyn, N. Y.
 Oliver Baker Mfg. Co., 420 S. 7th, Minneapolis, Minn.
 Texas Novelty Adv. Co., 117-119 S. Waco, Hillsboro, Tex.
 Weinman Bros., 421 S. Wells, Chicago, Ill.
 Young & Gardner Co., 655 S. Wells, Chicago, Ill.

BILLING MACHINES

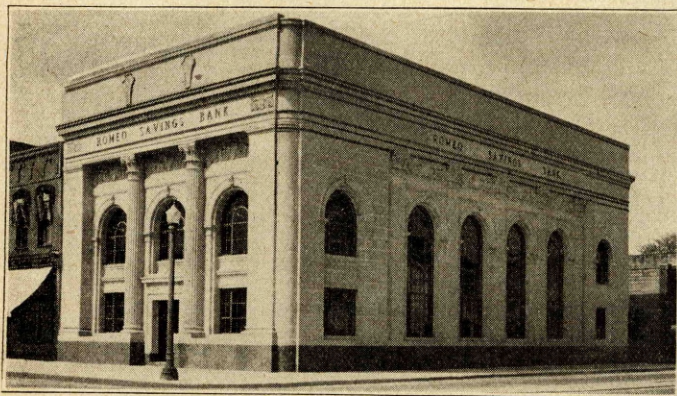
(See Machines, Billing)

24 BINDERS, CHECK

Bankers Printing Co., 836 Montgomery, San Francisco, Cal.
 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., 417 Main, 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.
 Feldeco Loose Leaf Corp., 357 N. La Salle, Chicago, Ill.



ROMEO SAVINGS BANK
 Romeo, Michigan

**CREATIVE
 CONSTRUCTION**
Coupled with
**ORGANIZED
 ABILITY**

has built GOOD WILL for our organization, as indicated by the fact this building was our second contract in Romeo.

WE HAVE earned the good will of a large number of bankers through our service, and we would like to earn yours by building or remodeling your bank for you.

An estimate based on a study of your particular requirements will in no way obligate you and our "guaranteed cost" form of contract will be interesting.

We invite your inquiries

BOND-HUBBARD COMPANY

BANK BUILDERS

1461 First National Bank Bldg.

CHICAGO

BINDERS, LOOSE LEAF—CONTINUED

Grand Rapids Loose Leaf Binder Co., 10-16 W. Logan, Grand Rapids, Mich.
 Joyce Filing Co., Edw. J., 56 W. Washington St., Chicago, Ill.
 Klipto Loose Leaf Co., 15-17 S. Delaware, Mason City, Ia.
 Lefax (Inc.), 9th & Sansom, Philadelphia, Pa.
 Le Febure Corporation, Cedar Rapids, Iowa.
McDONALD LEDGER & LOOSE LEAF CO., 1809 Summerdale, Chicago, Ill.
 Mann Co., William, 529 Market, Philadelphia, Pa.
 Martell Co., A. E., Congress St., Keene, N. H.
 Master-Craft Corp., 825 Cobb Ave., Kalamazoo, Mich.
 McBe Binder Co., Smith St., Athens, O.
 National Blank Book Co., Holyoke, Mass.
 Office Efficiency Distributors Co., 200 Davis, San Francisco, Calif.
 Remington Rand Business Service, Inc., 465 Washington, Buffalo, N. Y.
RICHMOND & BACKUS CO., Woodward at Congress, Detroit, Mich.
 Schwabacher-Frey Sta. Co., 735 Market, San Francisco, Cal.
 Sheppard Co., C. E., Van Alst & 14th, Long Island, City, N. Y.
 Smith Ptg. Co., Inc., 225 E. Third, Williamsport, Pa.
 Stationers Loose Leaf, 350 Broadway, Milwaukee, Wis.
 Tallman, Robbins & Co., 314 W. Superior, Chicago, Ill.
 Three B Products, Inc., 17 E. 42d, New York, N. Y.
 Wilson-Jones Co., 3300 Franklin Blvd., Chicago, Ill.
 Workman Mfg. Co., 1200 W. Monroe, Chicago, Ill.
 Young & Selden Company, 224 No. Calvert St., Baltimore, Md.

26 BINDERS, LOOSE LEAF, GRAVITY LOCK
McDONALD LEDGER & LOOSE LEAF CO., 1809 Summerdale, Chicago, Ill.
 Remington Rand Business Service, Inc., 465 Washington, Buffalo, N. Y.

27 BINDERS, TICKET
 Blaine Systems Co., 140 Glenridge Ave., Montclair, N. J.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, Ohio.

28 BINDERS, TRANSFER
 Adams Mfg. Co., Henry T., 8561 So. Chicago Ave., Chicago, Ill.
 The Exline Co., 113 St. Clair Ave. N. E., Cleveland, O.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, Ohio.
 Joyce Filing Co., Edw. J., 56 W. Washington, Chicago, Ill.
 Remington Rand Business Service, Inc., 465 Washington, 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.
 Western Venetian Blind Co., General Office, 2700 Long Beach Ave., Los Angeles, Calif., New York, Atlanta, Memphis, Chicago, Birmingham, Boston, Kansas City, Portland, Cleveland, Detroit, San Francisco, Seattle, Charlotte, N. C., New Orleans, Jacksonville, Fla., and Fresno.
 Wilson Corp., J. G., 11 E. 38th, New York, N. Y.

31 BLOTTERS, ADVERTISING

Bankers Thrift Corp., 2240 N. Racine, Chicago, Ill.
 Brown & Bigelow, Quality Park, St. Paul, Minn.
 Call's Bankers Service Corporation, 25 E. Bay, Savannah, Ga.
 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., 80 John, New York, N. Y.
 Osborne Co., 759 Summer Ave., Newark, N. J.
RAND McNALLY & CO., 536 S. Clark St., Chicago, Ill.
 Slogan Advertising Agency, 128 E. Main, Norristown, Pa.
 Strayer Coin Bag Co., 1028 4th Ave., New Brighton, Pa.
 Western Lithograph Co., 600 E. 2d, Los Angeles, Cal.
 Wrenn Paper Co., Middletown, Ohio.

BOND AND COUPON CANCELLING MACHINES

(See Machines, Cancelling, Check)

BONDS, ENGRAVED AND PRINTED
 (See Certificates, Stock and Bond)

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)

Bauder-Baker, 225 N. Michigan Ave., Chicago, Ill.
 Brown & Bigelow, Quality Park, St. Paul, Minn.
 Business Library, 130 W. 42d, New York, N. Y.
 Craddick Service, Inc., 716 Fourth Ave., S. Minneapolis, 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.
 Graves, Inc., Wm. Elliott, 30 N. Michigan, Chicago, Ill.
 Hamman Adv., Inc., K. L., 316 Thirteenth, Oakland, Cal.
 Hawk, C. F., 33 Public Square, Cleveland, O.
 Levey Printing Co., State House Square, Indianapolis, Ind.
 National Service Bureau of New York, Inc., 80 John, New York, N. Y.
 Parlette-Padget Co., 75 E. Wacker Drive, Chicago, Ill.
 Slogan Advertising Agency, 128 E. Main, Norristown, Pa.
 Staples & Staples, Inc., 10 S. 10th, Richmond, Va.
TEMPLE CO., J. C., 55 E. Main, Columbus, O.
 (See our adv. on this page.)

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.
 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.

BEST OLD SONGS

The old songs have a powerful grip on people and it is because of that fact that "Best Old Songs" has shown its popularity as an advertising medium.

This book of 48 pages and 94 old favorites is the outcome of many years of experience in publishing this type of book. The songs have been selected because of their proven and unending appeal. The size is convenient (5 7/8" x 8 3/4"); the book is carefully printed; the paper is excellent; the cover is attractive and cuts can be effectively printed on it. The bottom of the front page and the entire back page are for the bank's imprint and message to its particular community.

"Best Old Songs" gives the people something they can use. People are eager to get it, appreciate it, keep it for

years, all because they derive joy and benefit from it. People will come into the bank to get it.

It is an all-year favorite because it contains not only popular songs but also patriotic songs which come to the fore on all national holidays. It is successfully distributed to schools, homes, lodges, granges, societies, churches, conventions. Ask to see a sample.

The old songs have charm—and are immortal!

THE J. C. TEMPLE COMPANY
 55 East Main Street Columbus, Ohio



37 BOOKS, CASH, TELLERS

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. (See our adv. on page 23G.)

Young & Selden Co., 224 N. Calvert, Baltimore, Md.

38 BOOKS, CHECK

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

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.
 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.

Holder'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 Sumnerdale, Chicago, Ill.

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

Remington Rand Business Service, Inc., 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., 1000 Taylor, 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., 1000 Taylor, 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.

Tauk & 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.

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

Watson Mfg. Co., 1000 Taylor, Jamestown, N. Y.

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

45 BOXES, DEPOSIT, SAFETY

BANK VAULT INSPECTION CO., 5 So. 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., 818 Mulberry Rd., S. E., 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., E. 69th & Quincy, Cleveland, O.

Remington & Sherman Co., 1545 N. Delaware, Philadelphia, Pa.

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

Watson Mfg. Co., 1000 Taylor, 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.

The Kay-Dee Co., 3644 S. 36th, Lincoln, Neb.

47 BOXES, FILING

Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.

Bankers Box Co., 536 S. Clark, Chicago, Ill.

Beck Specialty Co., 621 Jefferson, Waterloo, Ia.

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

Danbury Box Company, Danbury, Conn.

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

Hinde & Dauch Paper Co., 407 Decatur, Sandusky, O.

Kay-Dee Co., 3644 S. 36th, Lincoln, Neb.

Lefax (Inc.), 9th & Sansom, Philadelphia, Pa.

Merriam Mfg. Co., Durham, Conn.

Perfection Box Co., 551 W. Monroe, Chicago, Ill.

Remington Rand Business Service, Inc., 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, Kans.

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., 1000 Taylor, 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

Diebold Safe & Lock Co., 818 Mulberry Rd., S. E., Canton, O.

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 Manufacturing Co., 1000 Taylor, 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, 1622 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, 411 S. Clinton, 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.

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.

Nachtegall Mfg. Co., 237-45 S. Front, Grand Rapids, Mich.

NEWMAN MFG. CO., 416-424 Elm, Cincinnati, O.

Ohmer, A. & R. F., Inc., 113 N. Jefferson St., Dayton, O.

Oregon Brass Works, 2d & Everett Sts., Portland, Ore.

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 Manufacturing Co., 1000 Taylor, 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.

54 BRONZE PLATES

American Bronze Co., 1316 W. 63d, Chicago, Ill.
ART IN BRONZE CO., INC., 1621 E. 41st, 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., 416-424 Elm, Cincinnati, O.
 Philadelphia Enameling Works, 254 N. 13th, Philadelphia, Pa.
 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.
 Hamilton & Cord Company, 4753 Broadway, Chicago, Ill.
 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., 416-424 Elm, 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.
 Duplex Electric Co., 71-73 Grand, New York, N. Y.
 Federal Electric Co., 8700 S. State, Chicago, Ill.
 Federal Laboratories, Inc., 1631 Liberty Ave., Pittsburgh, Pa.
 Holmes Electric Protective Co., 370 Seventh, New York, N. Y.
 Lake Erie Chemical Co., 1874 E. 59th, Cleveland, O.
 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.
 Underwriters' Laboratories, 207 E. Ohio, Chicago, Ill.

57 BURGLAR ALARMS (GAS)

American Lock Works, First Nat'l Bk. Bldg., Ft. Dodge, Iowa.
 Federal Laboratories, Inc., 1631 Liberty Ave., Pittsburgh, Pa.
 Lake Erie Chemical Co., 1874 E. 59th, Cleveland, Ohio.

58 BURGLAR ALARMS, LOCAL BANK VAULT

McCLINTOCK CO., O. B., 139 Lyndale Ave., N., Minneapolis, Minn.

59 BURGLAR ALARM INSPECTION

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

BURGLAR-PROOF SAFES

(See Safes, Fire & Burglar-Proof)

BURGLARY INSURANCE

(See Insurance, Burglary)

60 BUTTONS, ADVERTISING

Aderaft 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

61 CABINETS, COIN

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

62 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.

63 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.
 Lefax (Inc.), 9th & Sansom, Philadelphia, Pa.
 Le Febure Corp., Cedar Rapids, Iowa.
 Macey Co., 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, Inc., 465 Washington, Buffalo, N. Y.
 Schwabacher-Frey Stationery Co., 735 Market San Francisco, Cal.
 Shaw-Walker Co., Muskegon, Mich.
 Wagemaker Co., 566 Market, S. W., Grand Rapids, Mich.
 Watson Mfg. Co., 1000 Taylor, Jamestown, N. Y.
 Weis Mfg. Co. Union, Monroe, Mich.
YAWMAN & ERBE MFG. CO., 1099 Jay St., Rochester, N. Y.

64 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, Inc., 465 Washington, Buffalo, N. Y.
 Watson Manufacturing Co., 1000 Taylor, Jamestown, N. Y.
YAWMAN & ERBE MFG. CO., 1099 Jay St., Rochester, N. Y.

CABINETS, MAP

(See Cabinets, Steel)

65 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., 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, Inc., 465 Washington, Buffalo, N. Y.
 The Shaw-Walker Co., Muskegon, Mich.
 Terrell's Equipment Co., Grand Rapids, Mich.
 Watson Manufacturing Co., 1000 Taylor, Jamestown, N. Y.
YAWMAN & ERBE MFG. CO., 1099 Jay St., Rochester, N. Y.

66 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 & Hutchinson Co., New Britain, Conn.
 Invincible Metal Furniture Co., Manitowoc, Wis.
 Le Febure Corporation, Cedar Rapids, Iowa.
 Lyon Metal Products, Inc., Aurora, Ill.
 Medart Mfg. Co., Fred, 3535 De Kalb, St. Louis, Mo.
 Remington Rand Business Service, Inc., 465 Washington, Buffalo, N. Y.
 Shaw-Walker Co., The, Muskegon, Mich.
 Terrell's Equipment Co., Grand Rapids, Mich.
 Watson Manufacturing Co., 1000 Taylor, Jamestown, N. Y.
 Weis Mfg. Co., 1099 Union St., Monroe, Mich.
YAWMAN & ERBE MFG. CO., 1099 Jay St., Rochester, N. Y.

67 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, Inc., 465 Washington, Buffalo, N. Y.
 Watson Mfg. Co., 1000 Taylor, Jamestown, N. Y.
YAWMAN & ERBE MFG. CO., 1099 Jay St., Rochester, N. Y.

68 CABINETS, TYPEWRITER

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

CABINETWORK

(See Woodwork)

CAGES, BANK

(See Grillwork)

CALCULATING MACHINES

(See Machines, Calculating)

69 CALCULATORS, TIME & INTEREST

Hughes Co., P. R., 1106 Adams, Toledo, O.
 Meilicke Systems, Inc., 3466 N. Clark, Chicago, Ill.
 National Time Computer Co., 514 Prior Ave., No., St. Paul, Minn.
 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)

70**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., Greeneville, 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.)
 Coleman Co., David A., 110 Locust, St. Louis, Mo.
 Colson Co., U. O., Paris, Ill.
 Columbian Art Works, Inc., 1024 Juneau, Milwaukee, Wis.
 Coshocton Specialty Co., Coshocton, O.
 Courier Journal Job Printing Co., 316-328 W. Liberty, Louisville, Ky.
 Defiance Sales Corporation, 72-78 Spring, New York, N. Y.
 Dow Co., Louis F., 2242 University Ave., St. Paul, Minn.
 Economy Adv. Co., Linn & Market, Iowa City, Ia.
 Erickson Co., Inc., C. E., 506 W. Third, Des Moines, Ia.
 Fogarty Mfg. Co., 800 Monument Ave., Dayton, O.
 Follis Adv. Service, W. E., 159 N. State, Chicago, Ill.
 Forbes-Lithograph Mfg. Co., P. O. Box 5130, Boston, Mass.
 Gerlach-Barklow Co., Joliet, Ill.
 Grand Rapids Calendar Co., 906-912 S. Division, Grand Rapids, Mich.
 Joliet Calendar Co., Gardner, Joliet, Ill.
 Kemper-Thomas Co., Park Ave., Norwood, O.
 Kenyon Co., Inc., 303-309 Grand Ave., Des Moines, Ia.
 Kohl & Co., P. J., 224-230 W. Huron, Chicago, Ill.
 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 Syndicate 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.
 Shank Sign Co., E. A., 25 W. 43d, New York, N. Y.
 Shedd Brown Mfg. Co., 319 Fifth Ave. So., Minneapolis, Minn.
 Stuart-Hooper Co., 5431 S. Wabash Ave., Chicago, Ill.
 Sullivan Ptg. Works Co., 1067 Gilbert Ave., Cincinnati, O.
 Swinney Ptg. Co., Fort Branch, Ind.
 Terre Haute Adv. Co., 1317 Poplar, Terre Haute, Ind.
 Texas Novelty Advertising Co., 117-119 S. Waco, Hillsboro, Texas.
 Thrift Service Co., 212S Richland Ave., Cleveland, Ohio.
 Twentieth Century Co., 542 S. Dearborn, Chicago, Ill.
 Wilson-Hurd Co., Wausau, Wis.
 Woodbury & Co., Inc., Chadwick Square, Worcester, Mass.

71**CALENDARS, DAILY DATE**

(See also Calendars)

Joliet Calendar Co., Gardner, Joliet, Ill.
 Messenger Publishing Co., 5932 Wentworth Ave., 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.
72 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 Syndicate 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.

73**CALENDARS, MATURITY**

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

74**CAMERAS**

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

CANCELLING MACHINES

(See Machines, Cancelling, Check)

75**CAPS, ADVERTISING**

(See also Novelties, Advertising)

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

CARD LEDGERS

(See Ledgers, Card)

CARD RECORDS, VISIBLE

(See Visible Records)

76**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. 2d, Red Oak, Ia.
 National Art Works, Inc., 710 Greer Ave., Covington, Ky.
 Novelty Advertising Co., Coshocton, O.
 Osborne Co., 759 Summer Ave., Newark, N. J.
 Shaw Advertising Co., 520 Produce Exch. Bldg., Kansas City, Mo.
 Stafford-Lowdon Co., 610 W. Daget, Ft. Worth, Tex.
 Volland Co., P. F., Joliet, Ill.
 Woodbury & Co., Inc., Chadwick Sq., Worcester, Mass.
 Young & Selden Co., 224 N. Calvert, Baltimore, Md.; Philadelphia and Pittsburgh.

CARDS, STREET CAR

(See Advertising, Street Car)

77**CASES, CATALOGUE**

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

78**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, Inc., 465 Washington, Buffalo, N. Y.
 Victor Safe & Equipment Co., Marietta, O.
 Watson Mfg. Co., 1000 Taylor, Jamestown, N. Y.

CASH BOOKS, TELLERS'

(See Books, Cash, Tellers')

CASHIERS, AUTOMATIC

(See Coin Changers)

CELLULOID NOVELTIES

(See Novelties, Celluloid)

CENTRAL FILES

(See Files, Central)

CERTIFICATE OF DEPOSIT FORMS

(See Forms, Bank)

79 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 Ptg. Co., Fort Branch, Ind.
 Young & Selden Co., 224 N. Calvert, Baltimore, Md.

SPECIAL

**TWELVE SHEET
 HISTORICAL
 FEATURE CALENDAR**

14x18 in. Added Features Guarantee
 Full Twelve Months Advertising

Write us and receive
 complete samples and
 information.

**THE CLARK
 PRINTING & MFG. CO.**

Lock Haven, Pa.

CERTIFIERS, CHECK

(See Check, Endorsers)

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.
 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, Inc., 465 Washington, Buffalo, N. Y.
 Sikes Co., 23d & Passayunk Ave., Philadelphia, Pa.
 Sturgis Posture Chair Co., Magnolia, 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, STEEL

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

82 CHAIRS, STENOGRAPHERS' (STEEL)

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

CHANGEABLE SIGNS

(See Signs, Changeable)

CHANGE MAKERS

(See Coin Changers)

83 CHARTING EQUIPMENT & SERVICE

Business Charting Institute, 435 N. Michigan Ave., Chicago, Ill.
 Multiplex Display Fixture Co., 918 N. 10th, St. Louis, Mo.

CHECK BOOK COVERS

(See Covers, Check Book)

CHECK BOOKS

(See Books, Check)

84

CHECK DISPENSERS

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

85

CHECK ENDORSERS

Ajax Time Stamp Co., Inc., 354 Broadway, New York, N. Y.
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.
 Hedman Mfg. Co., 1158 Center, Chicago, Ill.
 Hercules Supply Co., 100 E. 42d, New York, N. Y.
 Ielfield Postal Supply Corp., 341 Central Ave., Silver Creek, N. Y.
 International Postal Supply Co., 634 Prospect Place, Brooklyn, N. Y.
 Joslin Mfg. Co., A. D., 123 Arthur, Manistee, Mich.
 Safe Guard Check Writer Co., Lansdale, Pa.
 Safford Stamp Works, 205 W. Madison, Chicago, Ill.

CHECK IMPRINTING

(See Checks)

86 CHECK LISTS, STOP-PAYMENT

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

87 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)

88 CHECK RECORDERS

THE NATIONAL PERFORATOR CO., 1017 No. Front, Philadelphia, Pa.
RECORDAK CORPORATION, 350 Madison Ave., New York, N. Y.

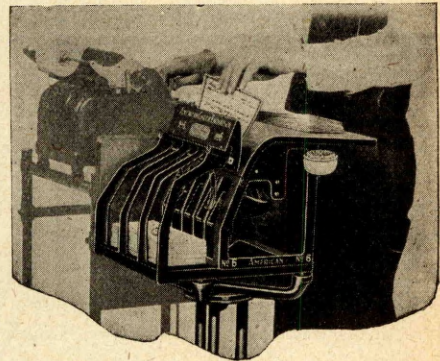
89 CHECKS

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.
 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.
 Dodswoth 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.
 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 & Sanson, Philadelphia, Pa.
 Long Island Printing & Lithographing Co., Inc., 137 Jackson, Hempstead, N. Y.
 Mann Co., Wm., 529 Market, Philadelphia, Pa.
 Monash 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., 417 Main, 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.
 Young & Selden Co., 224 N. Calvert, Baltimore, Md., Philadelphia and Pittsburgh.

CHECKS, DOOR

(See Door Closers)

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



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

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

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

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



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

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

THE AMERICAN PERFORATOR CO.

Incorporated 1910

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

90 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.

91 CHEQUES, TRAVELERS'

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

92 CHESTS, STEEL

BANK VAULT INSPECTION CO., 5 So. Eighth, Philadelphia, Pa.
 Cary Safe Co., 1200 Niagara, Buffalo, N. Y.
 Diebold Safe & Lock Co., 818 Mulberry Rd., 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., E. 69th & Quincy, Cleveland, O.
 St. Louis Bank Bldg. & Eqt. Co., 906 Sidney, St. Louis, Mo.
 Watson Manufacturing Co., 1000 Taylor, 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)

93 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.

94 CHRISTMAS SAVINGS

Andreasen Mfg. Co., 6647-6649 Oliphant Ave., Chicago, Ill.
 Bancservice, Inc., 45 W. 45th, New York, N. Y.
 Bankers Printing Co., 836 Montgomery, San Francisco, Cal.

Bankers Service Corp., 19 Warren, New York, N. Y.
 Calls Bankers Service Corporation, 25 E. Bay, Savannah, Ga.

CHRISTMAS CLUB. A division of National Bancservice Corp., 45 W. 45th, New York, N. Y.
 (See our adv. on this page.)

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 Thrift Assn., Telegraph Press Bldg., Harrisburg, Pa.
 Schmidt Lithograph Co., 461 Second, San Francisco, Calif.
 Smith Printing Co., 225 E. 3d, Williamsport, Pa.
 Standard Publishing Corp., 222 Superior, Chicago, Ill.
 Thrift Press, The, 225 S. Church, Rockford, Ill.
 Thrift Service Co., 2128 Richland Ave., Cleveland, Ohio.
 Union Savings Systems Co., The, 131 N. Duke, Lancaster, Pa.
 Von Senden Co., Arthur, 316 Fourth Ave., Pittsburgh, Pa.

CLEANERS, MARBLE

(See Supplies, Janitors')

95 CLEANERS, POLISHED STEEL

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

96 CLEANERS, TYPEWRITER

Carter's Ink Co., 239 First, Cambridge, Mass.
 Clarotype Company, Inc., 16 Hudson, New York, N. Y.
 Sanford Ink Co., 846 W. Congress, Chicago, Ill.
 Slogan Advertising Agency, 128 E. Main, Norristown, Pa.

97 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.

98 CLOCKS, COIN

Coin Clock Service Co., 4900 Euclid Ave., Cleveland, O.
D. E. WARD, 111 W. Monroe, Chicago, Ill.

99 CLOCKS, DESK

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

100 CLOCKS, ELECTRIC

(See also, Clock Systems)

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

101 CLOCKS, ELECTRIC CHIME, ADVERTISING

McCLINTOCK CO., O. B., 139 Lyndale Ave., N. Minneapolis, Minn.

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

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.

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**

A Greater Christmas Club Service

CHRISTMAS CLUB, a subsidiary of the National Bancservice Corporation, takes pleasure in announcing that the following organizations have been brought into its ranks for the purpose of providing a greater Christmas Club service:

BANKERS PUBLICITY COMPANY	- - -	ST. LOUIS
BANKERS PUBLICITY SERVICE, INC.	- - -	MILWAUKEE
CHRISTMAS CLUB, A CORP.	- - -	NEW YORK
GOODMAN CHRISTMAS SAVINGS CLUBS COMPANY	- - -	MEMPHIS
HART BANK SERVICE CORPORATION	- - -	BALTIMORE
LANDIS SAVINGS CLUB COMPANY	- - -	HARRISBURG
LEAVENWORTH BANK SERVICE COMPANY	- - -	CLEVELAND
NATIONAL ADVERTISING CORPORATION	- - -	ST. LOUIS
NATIONAL ECONOMIC PLANS, INC.	- - -	NEW YORK
OUTCAULT ADVERTISING COMPANY	- - -	CHICAGO
UNION SAVINGS SYSTEMS COMPANY	- - -	LANCASTER
WRIGHTSON CHRISTMAS CLUB COMPANY, INC.	- - -	PHILADELPHIA

CHRISTMAS CLUB a division of National Bancservice Corporation
 45 West 45th St. - New York City

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. (See our adv. on this page.)
Jorgeson Mfg. Co., 3681 Gratiot Ave.
STANDARD-JOHNSON CO., INC., 371 Pacific St., Brooklyn, N. Y. (See our adv. on this page.)

109 COIN FOLDERS

Hockswender 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, Coshooton, O.
Buckeye Leather Co., 946 Chestnut, Coshooton, O.
Buth & Co., Inc., W. F., 1005 University Ave., St. Paul, Minn.
Carrithers & Co., 128 N. Wells, Chicago, Ill.
Coshooton Specialty Co., Coshooton, 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., Coshooton, 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. (See our adv. on page 23G.)
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.

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)

117 DEPOSITORIES, AFTER HOUR

McCLINTOCK CO., O. B., 139 Lyndale Ave. N. Minneapolis, Minn.

DEPOSIT RECEIVING MACHINES

(See Machines, Deposit Receiving)

118 DESIGNERS, INTERIOR

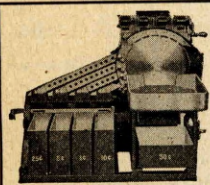
(See also Architects & Builders)

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.
NEWMAN MANUFACTURING CO., 416-424 Elm St., Cincinnati, Ohio.
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., 1000 Taylor, 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.

119 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.
Lacy Co., L. D., 1206 Syndicate Tr. Bldg., St. Louis, Mo.
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.



Downey Mechanical Coin Teller - Downey Coin Counting Machine

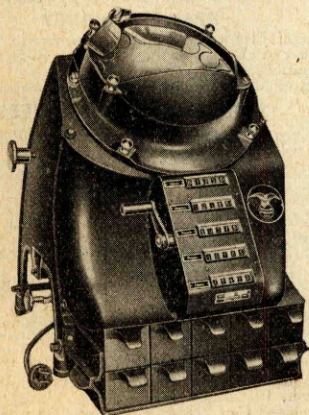
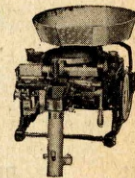
Separates and Counts Mixed Coins—Counts, Wraps and Bags Coins
 Forced Separation—Positive Count—Triple Check—Infallible Accuracy

**10 days'
Free Trial**

Used for checking Home Savings Banks
 Used for auditing Public School Savings
 Used for every coin handling problem

**Write for
catalogue**

THE C. L. DOWNEY CO., 941-947 Clark St., Cincinnati, Ohio



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

120**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.
 Newman Mfg. Co., 416-424 Elm, Cincinnati, O.
 Pembroke Co., 24 E. Broadway, Salt Lake City, Utah.
 Remington Rand Business Service, Inc., 465 Washington, Buffalo, N. Y.
 Schick, 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.
 Watson Mfg. Co., 1000 Taylor, Jamestown, N. Y.
 Williams, Inc., Jno., 542 W. 27th, New York, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

121**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 this page.)
 General Fireproofing Co., Youngstown, O.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Horder's, Inc. 236 W. Lake, Chicago, Ill.
 Le Feure Corporation, Cedar Rapids, Ia.
 Remington Rand Business Service, Inc., 465 Washington, Buffalo, N. Y.
 Shaw-Walker Co., Muskegon, Mich.
 Watson Manufacturing Co., 1000 Taylor, Jamestown, N. Y.
YAWMAN & ERBE MFG. CO., 1099 Jay, Rochester, N. Y.

122**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.
 Le Feure Corporation, Cedar Rapids, Ia.
 Remington Rand Business Service, Inc., 465 Washington, Buffalo, N. Y.
 Shaw-Walker Co., Muskegon, Mich.
 Watson Mfg. Co., 1000 Taylor, Jamestown, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

123**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 this page.)
 General Fireproofing Co., Youngstown, O.
 Le Feure Corporation, Cedar Rapids, Ia.
 Mitchell Manufacturing Co., Robert, 2d & John, Cincinnati, O.
 The Shaw-Walker Co., Muskegon, Mich.
 Remington Rand Business Service, Inc., 465 Washington, Buffalo, N. Y.
 Watson Mfg. Co., 1000 Taylor, Jamestown, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

124**DESKS, LOBBY**

(See also Fixtures, Bank and Office)

American Fixture Co., 16th & Bellefontaine, Kansas City, Mo.
 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 Feure Corporation, Cedar Rapids, Ia.
 Newman Mfg. Co., 416-424 Elm, Cincinnati, O.
 The Shaw-Walker Co., Muskegon, Mich.
 Watson Manufacturing Co., 1000 Taylor, Jamestown, N. Y.
 Williams, Inc., Jno., 542 W. 27th, New York, N. Y.
 Wisconsin Iron & Wire Works, 1660 Booth, Milwaukee, Wis.

**The "Falls" Bookkeeping Desks
 AND
 Tables for Elliott-Fisher Machines**

THE FALLS BANK DESK CO.
 2045 W. 103rd St. CHICAGO

125**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 this page.)
 Flour City Ornamental Iron Co., 27th Ave. & 27th St., Minneapolis, Minn.
 General Fireproofing Co., Youngstown, O.
 Le Feure Corporation Cedar Rapids, Ia.
 Remington Rand Business Service, Inc., 465 Washington, Buffalo, N. Y.
 The Shaw-Walker Co., Muskegon, Mich.
 Watson Mfg. Co., 1000 Taylor, Jamestown, N. Y.
YAWMAN & ERBE MFG. CO., 1099 Jay, Rochester, N. Y.

126**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 Feure Corporation, Cedar Rapids, Ia.
 Marshall-Jackson Co., 26 S. Clark, Chicago, Ill.
 Newman Mfg. Co., 416-424 Elm, Cincinnati, O.
 Remington Rand Business Service, Inc., 465 Washington, Buffalo, N. Y.
 Shaw, Walker Co., The, Muskegon, Mich.
 Watson Mfg. Co., 1000 Taylor, Jamestown, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

127**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.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Hoosier Desk Co., 202 Mill, Jasper, Ind.
 Le Feure Corporation, Cedar Rapids, Ia.
 Remington Rand Business Service, Inc., 465 Washington, Buffalo, N. Y.
 The Shaw-Walker Co., Muskegon, Mich.
 Tucker & Dorsey Mfg. Co., 302 S. State, Indianapolis, Ind.
 Watson Mfg. Co., 1000 Taylor, Jamestown, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

128**DESKS, WOOD**

(See also Furniture, Bank & 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.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

129**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 Feure 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, Inc., 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.

130**DIARIES**

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

131**DICTAPHONE CYLINDERS**

Dictaphone Corporation, Graybar Bldg., New York, N. Y.

132**DICTAPHONES**

(See also Machines, Dictating)

Dictaphone Corporation, Graybar Bldg., New York, N. Y.

DICTATING MACHINES

(See Machines, Dictating)

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., 416-424 Elm, 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**

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., 416-424 Elm St., 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., 416-424 Elm, Cincinnati, O.
 Watson Mfg. Co., 1000 Taylor, Jamestown, N. Y.
 Williams, Inc., Jno., 542 W. 27th, New York, N. Y.

142**DOORS, REVOLVING**

General Fireproofing Co., Youngstown, O.
 Newman Mfg. Co., 416-424 Elm, Cincinnati, O.
 Revolving Doors, Inc., 542 W. 27th St., New York, N. Y.
 Van Kannel Revolving Door Co., 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., 818 Mulberry Rd., S. E., 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., E. 69th & Quincy, Cleveland, O.
 Norris Safe & Lock Co., 114 Third Ave., Seattle, Wash.
 Remington & Sherman Co., 1545 N. Delaware, Philadelphia, Pa.
 Remington Rand Business Service, Inc., 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 Dispensers, Drinking Cups)

DRINKING CUPS

(See Equipment, Bank and Office)

145**DUPLICATORS**

American Multigraph Sales 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.
 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.
 Safe-Guard Check Writer Corporation, Lansdale Pa.

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., Chicago, 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. (See our adv. on page 12G.)
 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.
 Lacy Co., L. D., 1206 Syndicate Tr. Bldg., St. Louis, Mo.
 Lane & Co., H. L., 225 N. Michigan Ave., Chicago, Ill.
 Metzger & Acock, 101 Park Ave., New York, N. Y.
 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. (See our adv. on page 11G.)
 Watson Mfg. Co., 1000 Taylor, Jamestown, N. Y.
 Weary & Alford Co., 1923 Calumet, Chicago, Ill.
 Wise Co., Inc., J. H., 911 Syndicate Tr. Bldg., St. Louis, Mo.
YAWMAN & ERBE MFG. CO., 1099 Jay, Rochester, N. Y.

149 ENGINEERS, INDUSTRIAL

Columbia Engineering & Management Corp., 61 Broadway, New York, N. Y.
 Danne, Harold A., 41 Park Row, New York, N. Y.
 Estes, Inc., L. V., 4753 Broadway, Chicago, Ill.
 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., 3558 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.
 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.
 Lowman & Hanford Co., 1514 Third Ave., Seattle, Wash.
 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-Velope Mfg. Co., 229 N. 63d, Philadelphia, Pa.
 Ames Safety Envelope Co., 55 Sudbury, Boston, Mass.
BANKERS ENVELOPE CO., Midway Quality Park, St. Paul, Minn.
 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.
 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.
 Hammermill Paper Co., Erie, Pa.
HECO ENVELOPE CO., 4500 Cortland, Chicago, Ill. (See our adv. on this page.)
 Hesse Envelope & Litho Co., 4175 N. Kings Highway, St. Louis, Mo.
 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., 700 S. 6th, Minneapolis, Minn.
 Northern States Envelope Co., 180 E. 3d, St. Paul, Minn.

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4500 CORTLAND STREET
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ENVELOPES—CONTINUED

Outlook Envelope Co., 1001 W. Washington Blvd., Chicago, Ill.
 Pavay 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., 2625 Wells, Milwaukee, Wis.
 Security Envelope Co., 2900 Fifth Ave., Minneapolis, Minn.
 Standard Envelope Mfg. Co., 127 Ninth Ave., So., Nashville, Tenn.
 Swinney Ptg. Co., Fort Branch, Ind.
 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 Leamington, 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. Kingshighway, St. Louis, Mo.
 Pittsburgh Envelope Co., 2701 Koppers Bldg., Pittsburgh, Pa.
 Security Envelope Co., 2900 Fifth Ave., Minneapolis, Minn.
 Standard Envelope Mfg. Co., 127 Ninth Ave., So., Nashville, Tenn.
 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

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.
 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.
 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. Kingshighway, St. Louis, Mo.
 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.

157 ENVELOPES, COUPON WINDOW

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

Security Envelope Co., 2900 Fifth Ave., Minneapolis, Minn.
 Standard Envelope Co., 127 Ninth Ave., Nashville, Tenn.
 United States Check Book Co., 1309-1315 Howard, Omaha, Neb.

158 ENVELOPES, CURRENCY

Ames Safety Envelope Co., 55 Sudbury, Boston, Mass.
BANKERS ENVELOPE CO., Midway Quality Park, St. Paul, Minn.
 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.
 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.

159 ENVELOPES, EXPANDING

American Fiber-Velove Mfg. Co., 229 N. 63d, Philadelphia, Pa.
 Ames Safety Envelope Co., 55 Sudbury, Boston, Mass.
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.
 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.
 Safety Envelope Co., 2625 Wells, 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-Velove 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.
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.
 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.
 Remington Rand Business Service, Inc., 465 Washington, Buffalo, N. Y.
 Safety Envelope Co., 2625 Wells, 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.
BANKERS ENVELOPE CO., Midway Quality Park, St. Paul, Minn.
 Security Envelope Co., 2900 Fifth Ave., Minneapolis, Minn.
 The Self-Clasp Envelope Co., 234 Schofield Bldg., Cleveland, Ohio.

162 ENVELOPES, MAILING

American Fiber-Velove Mfg. Co., 229 N. 63d, Philadelphia, Pa.
 Ames Safety Envelope Co., 55 Sudbury, Boston, Mass.
BANKERS ENVELOPE CO., Midway Quality Park, St. Paul, Minn.
 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.
 Northern States Envelope Co., 180 E. 3d, St. Paul, Minn.
 Pittsburgh Envelope Co., 2701 Koppers Bldg., Pittsburgh, Pa.
 Safety Envelope Co., 2625 Wells, Milwaukee, Wis.
 Security Envelope Co., 2900 Fifth Ave., Minneapolis, Minn.
 Smead Mfg. Co., The, Hastings, Minn.
 Standard Envelope Mfg. Co., 127 Ninth Ave., So., Nashville, Tenn.
 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.
BANKERS ENVELOPE CO., Midway Quality Park, St. Paul, Minn.
 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.
 Pittsburgh Envelope Co., 2701 Koppers Bldg., Pittsburgh, Pa.
 Safety Envelope Co., 2625 Wells, Milwaukee, Wis.
 Security Envelope Co., 2900 Fifth Ave., Minneapolis, Minn.
 Standard Envelope Mfg. Co., 127 Ninth Ave., So., Nashville, Tenn.
 Union Paper & Twine Co., 116 St. Clair Ave., N. W., Cleveland, Ohio.

164 ENVELOPES, PAY ROLL

American Paper Goods Co., Kensington, Conn.
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.
HECO ENVELOPE CO., 4500 Cortland, Chicago, Ill.
 Hesse Envelope & Litho. Co., 4175 N. Kingshighway, St. Louis, Mo.
 Security Envelope Co., 2900 Fifth Ave., Minneapolis, Minn.
 Standard Envelope Mfg. Co., 127 Ninth Ave., So., Nashville, Tenn.
 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., Midway Quality Park, St. Paul, Minn.
 Bankers Envelope Co., 25 Cliff, New York, N. Y.
 Belpap 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.
 Courier Journal Job Printing Co., 316-328 W. Liberty, Louisville, Ky.
 Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 Field-Ernest 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.
 Keystone Envelope Co., 427 Moyer, Philadelphia, Pa.
 Northern States Envelope Co., 180 E. 3d, St. Paul, Minn.
 Pittsburgh Envelope Co., 2701 Koppers Bldg., Pittsburgh, Pa.
 Safety Envelope Co., 2625 Wells, Milwaukee, Wis.
 Security Envelope Co., 2900 Fifth Ave., Minneapolis, Minn.
 Twentieth Century Co., 542 S. Dearborn, Chicago.

166 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.
 Dotten 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.
 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., 1520 Division Ave., 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.
 Nachteggall Mfg. Co., 237-45 S. Front, Grand Rapids, Mich.
 National Bank Book Co., Riverside, Holyoke, Mass.
NEWMAN MFG. CO., 416-424 Elm, 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. & Egt. 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 Manufacturing Co., 1000 Taylor, 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)

167 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., 720 S. 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., 1520 Division Ave., S., Grand Rapids, Mich.
 Meilink Steel Safe Co., Toledo, Ohio.
 Metal Office Furniture Co., Grand Rapids, Mich.
 National Safe & Lock Co., E. 69th & Quincy, Cleveland, Ohio.
 Orthwine, R., 344 W. 34th, New York, N. Y.
 Presteel Engineering Corp., 52 Vanderbilt Ave., New York, N. Y.
 Remington Rand Business Service, Inc., 465 Washington, Buffalo, N. Y.

Rod Compressor, Chicago Co., 417 S. Dearborn, Chicago, Ill.
 Shaw-Walker Co., Muskegon, Mich.
 Steel Fixture Mfg. Co., E. 7th & Adams, Topeka, Kan.
 Terrells Equipment Co., Grand Rapids, Mich.
 Watson Mfg. Co., 1000 Taylor, Jamestown, N. Y.
 Weis Mfg. Co., Union, Monroe, Mich.
YAWMAN & ERBE MFG. CO., 1099 Jay, Rochester, N. Y.

168 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, Inc., 465 Washington, Buffalo, N. Y.
RICHMOND & BACKUS CO., Woodward and Congress, Detroit, Mich. (See our adv. on this page.)
YAWMAN & ERBE MFG. CO., 1099 Jay, Rochester, N. Y.

EQUIPMENT, METAL, FILING
 (See Equipment, Filing)

169 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, Inc., 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.

170 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, Calif.
 Diebold Safe & Lock Co., 818 Mulberry Rd., S. E., 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.
 Le Febure Corporation, Cedar Rapids, Ia.
 Mount & Robertson, Inc., 62 Broad, New York, N. Y.
 Mullen Mfg. Co., 60 Rausch, San Francisco, Cal.
 Nachteggall Mfg. Co., 237-245 S. Front, Grand Rapids, Mich.
 National Safe & Lock Co., E. 69th & Quincy, Cleveland, Ohio.
 Newman Mfg. Co., 416-424 Elm, Cincinnati, O.
 Norris Safe & Lock Co., 114 Third Ave. So., Seattle, Wash.

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EQUIPMENT, VAULT—CONTINUED

Remington Rand Business Service, Inc., 465 Washington, Buffalo, N. Y.
 St. Louis Bank Bldg. & Eqt. Co., 906 Sidney, St. Louis, Mo.
 Watson Mfg. Co., 1000 Taylor, 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)

171 EYELET MACHINES & EYELETS

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

F

172 FASTENERS, PAPER

American Clip Co., Beebe Ave. & William, Long Island City, N. Y.
 Bates Mfg. Co., Orange, N. J.
 Clark, Jr., Horace F., Potomac Beach, Va.
 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, Inc., 465 Washington, Buffalo, N. Y.
 Sibley Mfg. Co., Edw. L., Bennington, Vt.

FILES

(See Specific Headings)

173 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, 720 S. 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.
 Metal Office Furniture Co., Grand Rapids, Mich.
 Postindex Co., Inc., Jamestown, N. Y.
 Pressteel Engineering Corporation, 52 Vanderbilt Ave., New York, N. Y.
 Remington Rand Business Service, Inc., 465 Washington, Buffalo, N. Y.
 Shaw-Walker Co., Muskegon, Mich.
 Terrells Equipment Co., Grand Rapids, Mich.
 Watson Mfg. Co., 1000 Taylor, 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.

174 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., 720 S. Pierce, Milwaukee, Wis.
 General Fireproofing Co., Youngstown, O.
 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, Inc., 465 Washington, Buffalo, N. Y.
 Shaw-Walker Co., Muskegon, Mich.
 Watson Mfg. Co., 1000 Taylor, Jamestown, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

175 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.
 Pressteel Engineering Corporation, 52 Vanderbilt Ave., New York, N. Y.
 Remington Rand Business Service, Inc., 465 Washington, Buffalo, N. Y.
 Shaw-Walker Co., Muskegon, Mich.
 Watson Mfg. Co., 1000 Taylor, Jamestown, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

176 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.
 Dobb 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., 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, Inc., 465 Washington, Buffalo, N. Y.
 Shaw-Walker Co., Muskegon, Mich.
 Terrells Equipment Co., Grand Rapids, Mich.
 Watson Mfg. Co., 1000 Taylor, Jamestown, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

177 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.
 Pressteel Engineering Corporation, 52 Vanderbilt Ave., New York, N. Y.
 Remington Rand Business Service, Inc., 465 Washington, Buffalo, N. Y.
 The Shaw-Walker Co., Muskegon, Mich.
 Watson Mfg. Co., 1000 Taylor, Jamestown, N. Y.
YAWMAN & ERBE MFG. CO., 1099 Jay St., Rochester, N. Y.

178 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, Inc., 465 Washington, Buffalo, N. Y.
 The Shaw-Walker Co., Muskegon, Mich.
 Watson Mfg. Co., 1000 Taylor, Jamestown, N. Y.

179 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, Inc., 465 Washington, Buffalo, N. Y.
 The Shaw-Walker Co., Muskegon, Mich.
 Watson Mfg. Co., 1000 Taylor, Jamestown, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

180 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, Inc., 465 Washington, Buffalo, N. Y.
 The Shaw-Walker Co., Muskegon, Mich.
 Watson Mfg. Co., 1000 Taylor, Jamestown, N. Y.
 Wilson Memindex Co., 163 St. Paul, Rochester, N. Y.

181 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.
 Dobb 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.
 Remington Rand Business Service, Inc., 465 Washington, Buffalo, N. Y.
 The Shaw-Walker Co., Muskegon, Mich.
 Stuart-Hooper Co., 5431 S. Wabash Ave., Chicago, Ill.
 Watson Mfg. Co., 1000 Taylor, Jamestown, N. Y.
 Weis Mfg. Co., Union, Monroe, Mich.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

182 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, Inc., 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., 1000 Taylor, Jamestown, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.
 Young & Selden Co., 224 N. Calvert, Baltimore, Md., Philadelphia, and Pittsburgh.

183 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., 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, Inc., 465 Washington, Buffalo, N. Y.
 Shaw-Walker Co., Muskegon, Mich.
 Terrells Equipment Co., Grand Rapids, Mich.
 Watson Mfg. Co., 1000 Taylor, Jamestown, N. Y.
YAWMAN & ERBE MFG. CO., 1099 Jay St., Rochester, N. Y.

184 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.

185 FILES, WOOD

Automatic File & Index Co., 28 E. Jackson Blvd., Chicago, Ill.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Remington Rand Business Service, Inc., 465 Washington, Buffalo, N. Y.
 Republic Box Co., The, 1693 Merwin, Cleveland, O.
 The Shaw-Walker Co., Muskegon, Mich.
 Standard Filing Box Co., 1115-19 N., Franklin, Chicago, Ill.
 Weis Mfg. Co., Union, Monroe, Mich.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

FILMS, MOTION PICTURE

(See Advertising, Motion Picture)

186 FINGER PRINT OUTFITS

Crossley Protection System, San Quentin, Calif.
 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.

187 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.

188 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., New York, N. Y.
 Smith & Wesson, Inc., Stockbridge, Springfield, Mass.
 Winchester Repeating Arms Co., 275 Winchester Ave., New Haven, Conn.

189 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)

190 FIXTURES, BANDIT RESISTANT

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

191 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, 1622 Carroll, Chicago, Ill.
 Angle Steel Stool Co., Inc., Plainwell, Mich.
 Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Baldwin Brass Works, 411 S. Clinton, 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.

CLAUDE 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.
 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., 82 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.
NEWMAN MFG. CO., 416-424 Elm, 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, Inc., 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., 1000 Taylor, 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.

192 FIXTURES, LIGHTING

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., 416-424 Elm, 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.

193 FIXTURES, MARBLE

(See also Fixtures, Bank & Office)

Appalachian Marble Co., Knoxville, Tenn.
 Brabury 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., 416-424 Elm, Cincinnati, Ohio.
 Ohmer, Inc., Alfred A. & Robt. F., 113 N. Jefferson, Dayton, O.
 Phenix Marble Co., 609 Searritt Bldg., Kansas City, Kan.
 Williams, Inc., Jno., 542 W. 27th, New York, N. Y.

FIXTURES, WOOD

(See Woodwork; also Fixtures, Bank & Office)

FOLDERS, COIN

(See Coin Folders)

194 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.
 Invaluable Metal Furniture Co., Manitowoc, Wis.
 Le Febure Corporation, Cedar Rapids, Ia.
 Remington Rand Business Service, Inc., 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.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

FOLDING MACHINES

(See Machines, Folding)

195 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 Sumnerdale, Chicago, Ill.
 Remington Rand Business Service, Inc., 465 Washington, Buffalo, N. Y.
 The Shaw-Walker Co., Muskegon, Mich.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

196 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 Blodgett Co., 1745 University Ave., St. Paul, Minn.
BARNARD STATIONERY CO., GEO. D., Vandeventer & Laclede Aves., St. Louis, Mo.
 Boorum & Pease Co., 84 Hudson Ave., Brooklyn, N. Y.
 Brown-Blodgett Co., 1745 University Ave., St. Paul, Minn.
 Buchan-White Loose Leaf Co., 1906 Pine, St. Louis, Mo.
 Cockrum Printing Co., J. W., Oakland City, Ind.
 Columbian Bank Note Co., 500 S. Ashland, Chicago, Ill.
 Columbus Bank Note Co., 40 E. Spring, Columbus, Ohio.
 Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 Dameron-Pierson Company, Ltd., 400 Camp, New Orleans, La.
 Doubleday Bros. & Co., 241 E. Michigan Ave., Kalamazoo, Mich.
 Dow Co., Louis F., 2242 University Ave., St. Paul, Minn.
 Exline Co., 113 St. Clair Ave., N. E., Cleveland, O.
 Farnham Printing & Stationery Co., 417-419 Hennepin Ave., Minneapolis, Minn.
 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.
 Pugh & Co., H. G., 417 Main, Little Rock, Ark.
 Remington Rand Business Service, Inc., 465 Washington, Buffalo, N. Y.
 Reserve Litho. & Ptg. Co., Caxton Bldg., Cleveland, Ohio.
 Reynolds & Reynolds Co., Washington & Dudley, Dayton, Ohio.
 Richmond & Backus Co., 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.
 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.

FORMS, BANK—CONTINUED

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.

197 FORMS, BANKING-BY-MAIL

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

198 FORMS, BUILDING & LOAN

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

199 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.
 Martell Co., A. E., Congress St., Keene, N. H.
 Postindex Co., Inc., Jamestown, N. Y.
 Prestel Engineering Co., 52 Vanderbilt Ave., New York, N. Y.
 Remington Rand Business Service, Inc., 465 Washington, Buffalo, N. Y.
 Shaw-Walker Co., Muskegon, Mich.
YAWMAN & ERBE MFG. CO., 1099 Jay St., Rochester, N. Y.

200 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 Summerdale, Chicago, Ill.
 Moore Corp., John C., 65 Stone, Rochester, N. Y.
 Remington Rand Business Service, Inc., 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.

201 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.

202 FORMS, LOOSE LEAF

American Sales Book Co., Ltd., Elmira, N. Y.
 Cockrum Printing Co., J. W., Oakland City, Ind.
 Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 Doubleday Bros. & Co., 241 E. Michigan Ave., Kalamazoo, Mich.
 Grand Rapids Loose Leaf Binder Co., 10-16 W. Logan, Grand Rapids, Mich.
 Hall Lithographing Co., 623 Kansas Ave., Topeka, Kan.
 Horder's, Inc., 236 W. Lake, Chicago, Ill.
 Kennedy Printing Co., 609-611 Monroe, Fredonia, Kan.
 Lefax (Inc.), 9th & Samson, Philadelphia, Pa.
 Le Febure Corp., Cedar Rapids, Iowa.
 Mann Co., Wm., 529 Market, Philadelphia, Pa.
 Martell Co., A. E., Congress St., Keene, N. H.
 McDonald Ledger & Loose Leaf Co., 1809 Summerdale, Chicago, Ill.
 Remington Rand Business Service, Inc., 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.

203 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 Summerdale, Chicago, Ill.
 Remington Rand Business Service, Inc., 465 Washington, Buffalo, N. Y.

RICHMOND & BACKUS CO., Woodward at Congress, Detroit, Mich. (See our adv. on page 23G.)

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.

204 FORMS, MANIFOLD

American Sales Book Ltd., Elmira, N. Y.
 Hamilton Autographic Register Co., 802 Symmes Ave., Hamilton, O.
 Martell Co., A. E., Congress St., Keene, N. H.
McDONALD LEDGER & LOOSE LEAF CO., 1809 Summerdale, Chicago, Ill.
 Remington Rand Business Service, Inc., 465 Washington, Buffalo, N. Y.
 The Shaw-Walker Co., Muskegon, Mich.
 Vawter Manifold Co., Benton Harbor, Mich.

205 FORMS, RUBBER STAMP

SAFFORD STAMP WORKS, 205 W. Madison, Chicago, Ill.

FORMS, SAVINGS DEPARTMENT

(See Forms, Bank)

206 FORMS, TRUST DEPARTMENT

(See also Forms, Bank)

Le Febure Corp., Cedar Rapids, Iowa.
 Mann Co., Wm., 529 Market, Philadelphia, Pa.
 Purse Co., 435 Chestnut, Chattanooga, Tenn.
 Remington Rand Business Service, Inc., 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)

207 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., 80 John, New York, N. Y.

208 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.
 Hossier 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.
 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., 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, 416-424 Elm, 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, Inc., 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., 1000 Taylor, 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)

209 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.
 Le Febure Corporation, Cedar Rapids, Ia.
 Lyon Metal Products, Inc., Aurora, Ill.
 Macey Co., 1520 Division Ave., S., Grand Rapids, Mich.
 Metal Office Furniture Co., Grand Rapids, Mich.
 Newman Mfg. Co., 416-424 Elm, Cincinnati, O.
 Orthwine, R., 344 W. 34th, New York, N. Y.
 Remington Rand Business Service, Inc., 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., 1000 Taylor, Jamestown, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

FURNITURE, VAULT

(See Equipment, Vault)

G**210 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)

211 GLOBES

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

212 GLUE

(See also Supplies Bank & Office)

Keller Ink Co., Robert, 1441 Brooklyn Ave., Detroit, Mich.

GOLD LETTERING

(See Lettering, Gold)

213 GRILLWORK

American Fixture Co., 16th & Bellefontaine, Kansas City, Mo.
 American Iron & Wire Works, 1622 Carroll, Chicago, Ill.
 Art In Bronze Co., Inc., 1621 E. 41st, Cleveland, O.
 Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Baldwin Brass Works, 411 S. Clinton, 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.

GRILLWORK—CONTINUED

Harsch Bronze & Foundry Co., John, 11612 Madison Ave., Cleveland, O.
 Mailander & Co., 601 Jackson, Waco, Tex.
 Michaels Art Bronze Co., 230-240 Scott, Covington, Ky.
 Mount & Robertson, Inc., 62 Broad, New York, N. Y.
 Mullen Mfg. Co., 60 Rausch San Francisco, Cal.
 Nachtgall Mfg. Co., 237-45 S. Front, Grand Rapids, Mich.
NEWMAN MFG. CO., 416-424 Elm, Cincinnati, Ohio.
 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., 1000 Taylor, 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.

214 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, Inc., 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

215 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)

216 HOLDERS, RUBBER STAMP

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

217 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, Inc., 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)

218 HOUSE ORGANS

(See also Booklets, Advertising)

Bauder-Baker, 225 N. Michigan Ave., Chicago, Ill.
 Craddick 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.
 Ten Brook Co., The, 180 N. Michigan Ave., Chicago, Ill.

HUSH-A-PHONES

(See Telephone Attachments)

I

IDENTIFICATION APPARATUS
 (See Finger Print Outfits)

INCOME TAX SERVICE
 (See Service, Tax)

219 INCORPORATION PROCEDURE

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

INDEXES, CARD

(See Files, Card Index)

220 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.

221 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, Inc., 465 Washington, Buffalo, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

INDUSTRIAL ENGINEERS
 (See Engineers, Industrial)

222 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.

223 INK ERADICATORS

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

224 INKS

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

225 INKS, DUPLICATING

Aeme Stamp Co., 1100 Prospect Ave., Cleveland, O.
 Arlac Dry Stencil Corp., 424 Fourth Ave., Pittsburgh, Pa.
 Carter's Ink Co., 239 First, Cambridge, Mass.
 Dick Co., A. B., 720 W. Jackson Blvd., Chicago, Ill.
 Ditto, Inc., 2243 W. Harrison, Chicago, Ill.
 Duplico Mfg. Co., New Brunswick, N. J.
 Sachs-Lawlor Co., 1543 Larimer, Denver, Colo.
 Swisher Mfg. Co., R. D., 411-13 S. Clinton, Chicago, Ill.

226 INKS, RUBBER STAMP

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.

227 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.
 Sengbusch Self-Closing Inkstand Co., 2218 Clybourn, Milwaukee, Wis.
 Sneath Glass Co., Hartford City, Ind.
 Twentieth Century Co., 542 S. Dearborn, Chicago, Ill.

INSPECTION, VAULT
 (See Vault Inspection)

228 INSURANCE, BURGLARY

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

229 INSURANCE, CHECK

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

230 INSURANCE, INDEMNITY

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

231 INSURANCE, MAIL

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

232 INSURANCE, PLATE GLASS

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

**233 INTER-COMMUNICATING
TELAUTOGRAPHS**

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

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

**234 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.)

**235 IRON, ARCHITECTURAL AND
ORNAMENTAL**

American Iron & Wire Works, 1622 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.

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 ½, 3½, 4, 4½, 5, 5½, 6, 6½, 7, 7½, 8, and 9%.

Universal Interest Tables ⅛, 3¼, 3¾, 4, 4¼, 4½, 4¾, 5, 5¼, 5½, 5¾, 6, 6¼, 6½, 6¾, 7, 7½, 8, 8½, 9, 10 and 12%.

We have every kind of Interest Table, and can furnish what you require. Will send on approval. Write us.

THE TWENTIETH CENTURY COMPANY
 542 S. Dearborn St. CHICAGO

**ROBINSONIAN
INTEREST TABLES**

IRON, ARCHITECTURAL AND ORNAMENTAL—CONTINUED

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., 416-424 Elm, 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., 1000 Taylor, 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

236 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.
Bankers Envelope Co., 25 Cliff, New York, N. Y.
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.
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.

JANITORS' SUPPLIES (See Supplies, Janitors')

K

KODAKS (See Cameras)

L

237 LABELS, ADVERTISING

Brown & Bigelow, Quality Park, St. Paul, Minn.
Fenton Label Co., Inc., 506 Race, Philadelphia, Pa.
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.

238 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.

239 LAWS, BANKING

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

240 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.
Folliis 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.
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)

241 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.

242 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, Inc., 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.

243 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, Inc., 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.

244 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, Inc., 465 Washington, Buffalo, N. Y.
RICHMOND & BACKUS CO., Woodward at Congress, Detroit, Mich. (See our adv. on page 23G.)
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.

245 LEGAL SERVICE

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

LETTERHEADS, EMBOSSED (See Embossing)

246 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.

247 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.
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, Inc., 465 Washington, Buffalo, N. Y.
Standard Bank Note Co., 351 E. Monroe, Chicago, Ill.
St. Louis Lithographing Co., 312 N. 3d, St. Louis, Mo.
United States Check Book Co., 1309-1315 Howard, Omaha, Neb.
Young & Selden Co., 224 N. Calvert, Baltimore, Md.

LITHOGRAPHED LETTERHEADS AS LOW AS

\$1.05 PER THOUSAND

ON 20 LB. WHITE BOND

250,000.....\$1.05 per M	25,000.....\$1.35 per M
100,000.....\$1.10 per M	12,500.....\$1.55 per M
50,000.....\$1.15 per M	6,250.....\$2.10 per M

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\$2.15 PER THOUSAND

ON 20 LB. PEERLESS TRUST BOND
A Fine Rag Bond

250,000.....\$2.15 per M	25,000.....\$2.75 per M
100,000.....\$2.25 per M	12,500.....\$3.15 per M
50,000.....\$2.40 per M	6,250.....\$3.95 per M

LETTERHEADS, PRINTED
 (See Printing, also Stationers)

248 LETTERING, GOLD

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

249 LETTER OPENERS

Adercraft 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.

250 LETTER OPENERS (AUTOMATIC)

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

251 LETTERS, COLLECTION

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

LIGHTING SYSTEMS
 (See Fixtures, Lighting)

252 LININGS, VAULT

Diebold Safe & Lock Co., 818 Mulberry Rd., S. E., Canton, Ohio.
 Herring-Hall-Marvin Co., Grand Blvd., Hamilton, Ohio.
 Invincible Metal Furniture Co., Manitowoc, Wis.
 Mosler Safe Co., Hamilton, Ohio.
 National Safe & Lock Co., E. 69th & Quincy, Cleveland, Ohio.
 York Safe & Lock Co., York, Pa.

253 LININGS, VAULT (ELECTRIC)

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

254 LISTS, MAILING

BUCKLEY DEMENT & CO., 1300 Jackson Blvd., Chicago, Ill.
 Ross-Gould Co., 309 N. 10th, St. Louis, Mo.

255 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 & Laclede Aves., St. Louis, Mo.
 Beach Printing Co., Will A., 235 N. Phillip Ave., Sioux Falls, S. D.
 Benson & Sons, Inc., Benj. D., 11 Cliff, New York, N. Y.
 Brown-Blodgett Co., 1745 University Ave., St. Paul, Minn.
 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, Mass.

Mysell-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. Desplaines, Chicago, Ill.

Pioneer, Inc., 12th & A. Tacoma, Wash.

Protectu Bank Note Corp., 4048 W. Shubert Ave., Chicago, Ill.

Pugh & Co., H. G., 417 Main, Little Rock, Ark.

Red Wing Adv. Co., Red Wing, Minn.

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

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

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

Schmidt Lithograph Co., 461 Second, San Francisco, Cal.

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.

Toof & Co., S. C., 195 Madison, Memphis, Tenn.

United States Check Book Co., 1309-1315 Howard, Omaha, Neb.

Van Chief 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.

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

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

LOAN REGISTERS

(See Registers, Note & Loan)

256 LOCK INSPECTION, TIME

BANK VAULT INSPECTION CO., 5 South 18th, Philadelphia, Pa.

Diebold Safe & Lock Co., 818 Mulberry Rd., S. E., Canton, Ohio.

Hunt Co., Robt. W., 175 W. Jackson Blvd., Chicago, Ill.

YALE & TOWNE MFG. CO., Stamford, Conn.

257 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.

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, Inc., 465 Washington, Buffalo, N. Y.

Terrell's Equipment Co., Grand Rapids, Mich.

Yerwman & Erbe Mfg. Co., Rochester, N. Y.

258 LOCKS

Corbin Cabinet Lock Co., New Britain, Conn.

Corbin, P. & F., Park, New Britain, Conn.

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.

259 LOCKS, COMBINATION

Diebold Safe & Lock Co., 818 Mulberry Rd., S. E., 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)

260 LOCKS, SAFETY VAULT

American Lock Works, First Nat'l Bk. Bldg., Ft. Dodge, Iowa.

Cramer Bros. Safe Co., 1417 McGee, Kansas City, Mo.

Duplex Electric Co., 71-73 Grand, New York, N. Y.

Lake Erie Chemical Co., 1874 E. 59th, Cleveland, O.

Norris Safe & Lock Co., 114 Third Ave., S., Seattle, Wash.

YALE & TOWNE MFG. CO. Stamford, Conn.

261 LOCKS, TIME

Diebold Safe & Lock Co., 818 Mulberry Rd., S. E., 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)

262 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.

263 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.

Federal Adding Machines, Inc., 33 E. 21st, New York, N. Y.

General Office Equipment Corp., 342 Madison Ave., New York, N. Y.

International Payroll Machine Co., 4940 Rorer, Philadelphia, Pa.

M. & M. Co., 35 E. 21st, New York, N. Y.

Monroe Calculating Machine Co., Inc., 555 Mitchell, Orange, N. J.

Powers Accounting Machine Corp., 374 Broadway, New York, N. Y.

Reliable Typewriter & Adding Machine Corp., 303 W. Monroe, Chicago, Ill.

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

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

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

Ve-Po-Ad Co. (Division of Reliable Adding Machine Corp.), 173 W. Madison, Chicago, Ill.

Victor Adding Machine Co., 3900 N. Rockwell, Chicago, Ill.

264 MACHINES, ADDRESSING

Addressograph Co., 901 W. Van Buren, Chicago, Ill.

Aluminum Index Co., Edgewater, N. J.

American Multigraph Sales Co., E. 40th & Kelly Ave., Cleveland, O.

Elliott Addressing Machine Co., 143 Albany Cambridge, Mass.

Federal Addressing Machine Corp., 77 E. Swan, Buffalo, N. Y.

Pollard-Alling Mfg. Co., 224 W. 19th, New York, N. Y.

265 MACHINES, BALING, CURRENCY

Economy Baler Co., Ann Arbor, Mich.

266 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.

267 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, Inc., 465 Washington, Buffalo, N. Y.

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

268 MACHINES, BINDING

Buchan-White Loose Leaf Co., 1906 Pine, St. Louis, Mo.

McBee Binder Co., Smith, Athens, Ohio.

269 MACHINES, BOOKKEEPING

ACCOUNTING MACHINE DIVISION OF REMINGTON-RAND, Buffalo, N. Y.

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.

ACCOUNTING MACHINE DIVISION OF REMINGTON-RAND, Buffalo, N. Y.

United Accounting Machine Co., 716 Sidney, St. Louis, Mo.

United States Check Book Co., 1309-1315 Howard, Omaha, Neb.

Watt & Gillogly, Inc., 7 S. Dearborn, Chicago, Ill.

270 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.
 Monroe Calculating Machine Co., Inc., 555 Mitchell, Orange, N. J.
 Reliable Typewriter & Adding Machine Corp., 303 W. Monroe, Chicago, Ill.
 Remington Rand Business Service, Inc., 465 Washington, Buffalo, N. Y.
 Swanson Calculating Co., 300 W. Adams, Chicago, Ill.
 Victor Adding Machine Co., 3900 N. Rockwell, Chicago, Ill.

271 MACHINES, CALCULATING (ELECTRIC)

Add-Index Corporation, 678 Front, Grand Rapids, Mich.
 Monroe Calculating Machine Co., Inc., 555 Mitchell, Orange, N. J.
 Remington Rand Business Service, Inc., 465 Washington, Buffalo, N. Y.

MACHINES, CALCULATING INTEREST
(See Calculators, Time & Interest)**MACHINES, CANCELLING, BOND & COUPON**

(See Machines, Cancelling, Check)

272 MACHINES, CANCELLING, CHECK

AMERICAN PERFORATOR CO., W. 612 Jackson, Chicago, Ill. (See our adv. on page 17G)
 Cummins Perforator Co., 4740 Ravenswood, Chicago, Ill.

MACHINES, COIN CHANGING
(See Coin Changers)**273 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.
DOWNY CO., C. L., 941 Clark, Cincinnati, Ohio. (See our adv. on page 19G.)
 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 19G.)

MACHINES, COIN SORTING

(See Machines, Coin Counting)

MACHINES, DATING

(See Stamps, Dating)

274 MACHINES, DEPOSIT RECEIVING

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

275 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)

276 MACHINES, FOLDING

American Multigraph Sales Co., E. 40th & Kelley Ave., Cleveland, Ohio.

277 MACHINES, INTEREST COMPUTING

Meilicke Systems, Inc., 3466 N. Clark, Chicago, Ill.
 National Time Computer Co., 514 Prior Ave., N., St. Paul, Minn.
 Remington Rand Business Service, Inc., 465 Washington, Buffalo, N. Y.

278 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.

279 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.

280 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, Inc., 465 Washington, Buffalo, N. Y.
 The Sachs Lawlor Co., 1542 Larimer, Denver, Colo.
SAFFORD STAMP WORKS, 205 W. Madison, Chicago, Ill.
 Swisher Mfg. Co., R. D., 411-13 S. Clinton, Chicago, Ill.

281 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 17G)
 Cummins Perforator Co., 4740 Ravenswood Ave., Chicago, Ill.
 National Perforator Co., (The), 1017 N. Front, Philadelphia, Pa.

MACHINES, PERMIT MAILING
(See Machines, Mailing, Permit)**282 MACHINES, SCRUBBING**

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

283 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.

284 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.

285 MACHINES, SIGNATURE SIGNING

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

MACHINES, STAMP AFFIXING
(See Stamp Affixers)**286 MACHINES, STAPLING**

Adams-Lessack Co., The, 1507 Arch St., Philadelphia, Pa.
 Bates Mfg. Co., Orange, N. J.
 Compo Manufacturing & Sales Co., Westport, Conn.
 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.
 Pittsburgh Typewriter & Supply Co., 339 Fifth Ave., Pittsburgh, Pa.
 Remington Rand Business Service, Inc., 465 Washington, Buffalo, N. Y.

287 MACHINES, STENCIL

Addressograph Co., 901 W. Van Buren, Chicago, Ill.
 Bankers Savings & Credit System Co., 10302 Madison Ave., Cleveland, O.

MACHINES, TABULATING

(See Machines, Adding; Machines, Calculating)

MAGAZINE RACKS

(See Racks, Magazine & Newspaper)

288 MAGAZINES, BANKING

BANKERS 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, Manifold)

289 MAPS, AUTO TRAILS

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



A Royal Bid for Good Will

THE RAND McNALLY official Auto Trails Maps offer an effective means of appealing to the best element of the bank's clientele.

Every automobile owner in the community will appreciate an Auto Trails Map and will preserve it because of the wealth of valuable motoring information it contains.

The Auto Trails Maps are bound in handsome covers, made especially to fit the bank's particular requirements. These covers are works of art. They add strongly to the permanency and importance of the map itself and at the same time provide the bank with an opportunity of presenting its advertising message in a strikingly attractive way.

Thousands of banks are using the Auto Trails Maps as new business getters for every department. If you have not already used these maps, we shall be glad to tell you about them, without any obligation on your part, and you'll be surprised at the low cost of this timely and worth-while advertising.

Send for sample maps showing territory covered by each district.

RAND McNALLY & COMPANY

Auto Trails Dept.

NEW YORK

CHICAGO

MARBLE FIXTURES
 (See Fixtures, Marble)

MEMO BOOKS
 (See Books, Memo.)

METERED MAIL
 (See Machines, Mailing, Permit)

290 MIMEOGRAPHS

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

291 MOISTENERS, ENVELOPE & STAMP

Liberty Paper Co., Inc., 203 Lafayette, New York.
 Mohler, A., 416 S. Dearborn, Chicago, Ill.

292 MONEY CONTAINERS

HANDFORD BROWN CO., Coytesville-on-the-Hudson, N. J.
 Remington Rand Business Service, Inc., 465 Washington, Buffalo, N. Y.

MOTION PICTURE ADVERTISING
 (See Advertising, Motion Picture)

293 MUCILAGE

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

294 MULTIGRAPHS

(See also Duplicators)
 American Multigraph Sales Co., E. 40th & Kelley Ave., Cleveland, Ohio.

295 MULTISTAMPS

Multistamp Co., Inc., Norfolk, Va.

N

296 NAMEPLATES

Aeame Stamp Co., 1100 Prospect Ave., Cleveland, Ohio.
 American Iron & Wire Works, 1622 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.
 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.
 Meyercoed 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., 416-424 Elm, 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.
 Shank Sign Co., E. A., 25 W. 43d, New York, N. Y.
 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 Chateau, St. Louis, Mo.
 Viking Products Corp., 422 W. 42d, New York, N. Y.
 Williams, Inc., Jno., 542 W. 27th, New York, N. Y.

NEOSTYLES
 (See Duplicators)

NEW ACCOUNT SERVICE
 (See Personal Solicitation)

NEWSPAPER ADVERTISING

(See Advertising Service, also Agencies, Bank Advertising)
 Federal Reserve Bank of St. Louis

297 NEWSPAPER CLIPPINGS

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

298 NOVELTIES, ADVERTISING

(See also Specific Headings)
 Adcraft 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., Greenville, 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., Cleveland, 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., 900-912 Division, Grand Rapids, Mich.

Green Duck Co., 1725 W. North, Chicago, Ill.

B. H. Hockswender Co., 711 Penn Ave., Pittsburgh, Pa.

Ingersoll Dollar Pen Co., Chas. H., 545 N. Arlington Ave., E. Orange, N. J.

Kemper Thomas Co., Park Ave., Norwood, Ohio.

Kenyon Co., Inc., 303-309 Grand, Des Moines, Iowa.

Kohl & Co., P. J., 224-230 W. Huron, Chicago, Ill.

Kunler 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.

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., 416-424 Elm, Cincinnati, Ohio.

Noble Co., F. H., 535-555 W. 59th, Chicago, Ill.

Novelty Adv. Co., Coshocton, O.

Novelty Cutlery Co., 515 McGregor, N. W., Canton, Ohio.

Oliver Baker Mfg. Co., 420 S. 7th, Minneapolis, Minn.

Osborne Co., 759 Summer Ave., Newark, N. J.

Parisian Novelty Co., 3510 S. Western Ave., Chicago, Ill.

Philadelphia Badge Co., 942 Market, Philadelphia, Pa.

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

Rehberger Co., A. C., 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.

Uptown Mfg. Co., 1709 Arthur Ave., Chicago, Ill.

Vaughn Novelty Mfg. Co., 3211-25 Carroll Ave., Chicago, Ill.

Victor Novelty Mfg. Co., Lakewood, O.

Volland Co., P. F., Joliet, Ill.

Von Senden Co., Arthur, 316 Fourth Ave., Pittsburgh, Pa.

Voss Co., Herman, 603 E. Water, Milwaukee, Wis.

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.

299 NOVELTIES, CELLULOID

Adcraft Manufacturing Co., 2448-56 W. 22d, Chicago, Ill.

Brown & Bigelow, Quality Park, St. Paul, Minn.

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

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

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

300 NOVELTIES, CLOTH

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

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

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

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

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O

OFFICE LAYOUTS

(See Engineers, Equipment)

304 OMNIBUSES, VAULT

Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
Automatic File & Index Co., 28 E. Jackson Blvd., Chicago, Ill.
Berzer Mfg. Co., 1038 Belden Ave., Canton, Ohio.
Brown-Morse Company, Muskegon, Mich.
Canton Art Metal Co., 2820 Winfield Way, N. E., Canton, O.
Cary Safe Co., 1200 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-Marvin Safe Co., Grand Blvd., Hamilton, Ohio.
Le Febure Corp., Cedar Rapids, Iowa.
Mack Trucks, Inc., 25 Broadway, New York, N. Y.
Metal Office Furniture Co., Grand Rapids, Mich.
National Safe & Lock Co., E. 69th & Quincy, Cleveland, Ohio.
Remington Rand Business Service, Inc., 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., 1000 Taylor, Jamestown, N. Y.
Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

OUTDOOR ADVERTISING

(See Advertising, Poster and Billboard; also Signs)

P

305 PADS, BLOTTER

(See also Pads, Desk and Supplies)

Young & Selden Co., 224 N. Calvert, Baltimore, Md.

306 PADS, DESK

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

307 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.

308 PADS, DESK, GLASS

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

309 PADS, MEMO.

(See also Stationers)

The Colyett 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, Inc., 465 Washington, Buffalo, N. Y.
Robinson Manufacturing Co., 171 Elm, Westfield, Mass.

310 PADS, RUBBER STAMP

Aeme Stamp Co., 1100 Prospect, Cleveland, O.
Arlac Dry Stencil Corp., 424 Fourth Ave., Pittsburgh, Pa.
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.
Federal Reserve Bank of St. Louis

PAPER, ADDING MACHINE

(See Rolls, Adding Machine)

311 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, Inc., 465 Washington, Buffalo, N. Y.
Stylograph Corp., The, Scottsville Rd., Coldwater, N. Y.
United States Pencil Co., 487 Broadway, New York, N. Y.

312 PAPER, GUMMED

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.

313 PAPER RULING

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

314 PAPER, SAFETY

Chemical Paper Manufacturing Co., foot of Jackson, Holyoke, Mass.
Gilbert Paper Co., Menasha, Wis.
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.

315 PAPER, TYPEWRITER

(See also Stationers or Supplies)

Esleek Mfg. Co., Turners Falls, Mass.
Remington Rand Business Service, Inc., 465 Washington, Buffalo, N. Y.
Southworth Co., Moline, Ill.
Union Paper & Twine Co., 116 St. Clair Ave., N. W., Cleveland, Ohio.

316 PAPER WEIGHTS

Aircraft 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.
Rehberger Mfg. Co., 1217 Webster Ave., Chicago, Ill.
Sneath Glass Co., Hartford City, Ind.

PARCEL POST SCALES

(See Scales, Parcel Post)

317 PARTITIONS

Albatross Steel Equipment Co., P. O. Drawer A, Sawtelle, Cal.
American Fixture Co., 16th & Bellefontaine, Kansas City, Mo.
Circle A Products Corp., 613 S. 25th, New Castle, Ind.
CLAUS MFG. CO., A., 5250 Brookpark Rd., Cleveland, Ohio.
Dahlstrom Metallic Door Co., Buffalo & East 2d, Jamestown, N. Y.
Globe-Wernicke Co., The, Carthage Ave., Cincinnati, O.
Mitchell Mfg. Co., Ropt., 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., 1000 Taylor, Jamestown, N. Y.
Wilson Corp., J. G., 11 E. 38th, New York, N. Y.

PASS BOOK JACKETS

(See Jackets, Pass Book)

318 PASS BOOKS

Adams-Lessack Co., 1507 Arch, Philadelphia, Pa.
American Bank Stationery Co., Curtin, Aiken, Hargest & Aisquith Sts., Baltimore, Md.
American Bank Supply Co., 628 N. Illinois, Indianapolis, Ind.
Boorum & Pease Co., 84 Hudson, Brooklyn, 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.
Curtis 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.
Kennedy Printing Co., 609-611 Monroe, Fredonia, Kan.

Le Febure Corp., Cedar Rapids, Iowa.

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

Long Island Printing & Lithographing Co., Inc., 137 Jackson, Hempstead, N. Y.

National Bank Supply Co., Inc., 60 Spring, New York, N. Y.

Oliver Baker Mfg. Co., 420 S. 7th, Minneapolis, Minn.

Palmer Corp., Lester W., 14 Thomas, New York, N. Y.

Pass Book & Check Cover Co., 232 Broadway, Denver, Colo.

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

Red Wing Adv. Co., Red Wing, Minn.

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

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

RICHMOND & BACKUS, Woodward at Congress, Detroit, Mich. (See our adv. on page 23G.)

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

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

Seelman & Sons, Geo., 337 Seventh, Milwaukee, Wis.

Shedd-Brown Mfg. Co., 319 Fifth Ave. So., Minneapolis, Minn.

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

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

Thrifty Service Co., 2128 Richland Ave., Cleveland, O.

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.

319 PASTE, OFFICE

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

320 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.
Follis Advertising Service, W. E., 159 N. State, Chicago, Ill.
Imprint Pencil Co., Inc., 112 Fourth 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.
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.

321 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 Mfg. Co., 142 Jackson, N. E., Atlanta, Ga.
Sheaffer Pen Co., W. A., Ft. Madison, Iowa.
Wahl Co., The, 1800 Roscoe, Chicago, Ill.

322 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., 112 4th, 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.
 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.

323 PENHOLDERS

American Lead Pencil Co., 500 Willow Ave., Hoboken, N. J.
 Brown & Bigelow, Quality Park, St. Paul, Minn.
 Eagle Pencil Company, 703 E. 13th St., New York, N. Y.
 Eberhard Faber Pencil Co., 39 Greenpoint Ave., Brooklyn, N. Y.
 Pollis Advertising Service, W. E., 159 N. State, Chicago, Ill.
 Imprint Pencil Co., Inc., 112 Fourth Ave., New York, N. Y.
 Martin Co., The Frank, Marshall Bldg., Cleveland Ohio.
 Natural-Grip Co., Denver, Colo.
 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.

324 PENS, FOUNTAIN

Carter's Ink Co., 239 First, Cambridge, Mass.
 Conklin Pen Co., Factories Bldg., Toledo, O.
 Eagle Pencil Company, 703 E. 13th St., New York, N. Y.
 Ingersoll Dollar Pen Co., Chas. H., 545 N. Arlington Ave., E. Orange, N. J.
 Moore Pen Co., 110 Federal, Boston, Mass.
 Parker Pen Co., Janesville, Wis.
 Schnell, Penselpen Corp., 130 W. 42d, New York, N. Y.

Sengbusch Self-Closing Inkstand Co., 2218 Clybourn, Milwaukee, Wis.
 Sheaffer Pen Co., W. A., Ft. Madison, Iowa.
 Ullrich & Co., J., 161 Washington, New York, N. Y.
 Wahl Company, 1800 Roscoe, Chicago, Ill.
 Waterman Co., L. E., New York, N. Y.

325 PENS, STEEL (MFRS.)

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

PERFORATORS
 (See Machines, Perforating)

PERMIT MAILING MACHINES
 (See Machines, Mailing Permit)

326 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., 2240 N. Racine, Chicago, Ill.
 Haines Mfg. Co., 84 Exchange, Rochester, N. Y.
 Houe Corp., 232 W. 63d, Chicago, Ill.
 Jeffcott & 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.

327 PHOTOSTATS

PHOTOSTAT CORPORATION, 10 Weybosset St., Providence, R. I. (See our adv. on this page.)
RECORDAK CORPORATION, 350 Madison Ave., New York, N. Y.

328 PINS, MAP

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

329 PNEUMATIC TUBES

Lamson Co., Syracuse, N. Y.

PORTFOLIOS
 (See Leather Goods)

POSTAL SCALES
 (See Scales)

330 POSTERS

Bankers Service Corp., 19 Warren, New York, N. Y.
 Bankers Thrift Corp., 2240 N. Racine, Chicago, Ill.
 Bauder-Baker, 225 N. Michigan Ave., Chicago, Ill.
 Blodgett Co., Harvey, 551 5th Ave., New York, N. Y.
 Donaldson Lithograph Co., 6th and Washington, Newport, Ky.
 Meyercoed Co. (The), 120 S. La Salle, Chicago, Ill.
 Modern Art Service, 208 E. 47th, New York, N. Y.
 National Service Bureau of New York, Inc., 80 John, New York, 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., Cleveland, 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)

331 PRESSES, SEAL

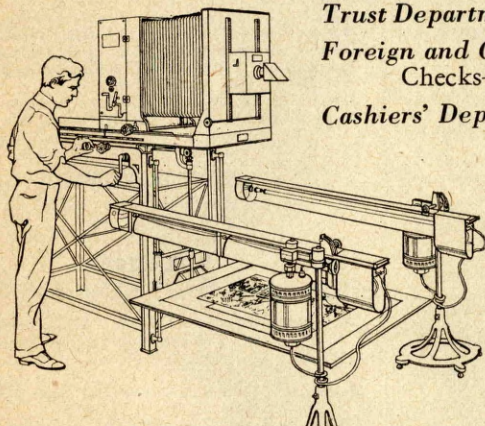
Downey Co., C. L., 941 Clark, Cincinnati, Ohio.
 Porter Safety Seal Co., 265 N. California Ave., Chicago, Ill. (See our adv. on page 37G).
 Safford Stamp Works, 205 W. Madison, Chicago, Ill.

The PHOTOSTAT in The Bank

Reg. U. S. Pat. Off.

THE PHOTOSTAT is a simple, practical machine for quickly making, direct on paper, photographic copies of anything written, drawn, or printed.

ONE bank reports that its use of the Photostat is distributed among departments as follows:



Trust Department: Wills—Correspondence—Trustee Accounts—Legal opinions.

Foreign and Cable: Correspondence—Letters of Credit—Charts—Statements—Checks—Acceptances—Telegrams—Radiograms—Cables—Codes.

Cashiers' Department: Signature Cards—Signatures—Legal papers.

Service and Statistical: South American Monthly Letter to and from—London Letter to and from—Other Correspondence—Maps—Charts—Reports.

Corporation: Correspondence—Bond Issues—Licenses—Permits—Proof and Cost Sheets.

Auditing: Correspondence—Cashier's Checks—Statistical Sheets—Charts.

Loan: Assigned Accounts—Time and Demand Notes.

Credit: Financial Statements.

Service Offices

BOSTON
 CHICAGO
 CLEVELAND
 DALLAS
 JACKSONVILLE
 KANSAS CITY
 LOS ANGELES

THE PHOTOSTAT CORPORATION

Sales Office: 303 State Street

ROCHESTER, N. Y.

Executive Office: Providence, Rhode Island

Service Offices

NEW YORK
 PHILADELPHIA
 PITTSBURGH
 ST. LOUIS
 SAN FRANCISCO
 TORONTO
 WASHINGTON

HAND OPERATED OR MOTOR DRIVEN

::

FULL PARTICULARS AT YOUR REQUEST

332**PRINTING**

(See also specific headings)

Adams Lithographing & Printing Co., 116 W. 2d, Pine Bluff, Ark.
 Allen-Marshall Co., Ivan, 40 Marietta, Atlanta, Ga.
 American Bank Stationery Co., Curtain, Aiken, Hargest & Aisquith Sts., Baltimore, Md.
 American Bank Supply Co., 628 N. Illinois, Indianapolis, Ind.
BARNARD STATIONERY CO., GEO. D., Vandeventer & Laclede Aves., St. Louis, Mo.
 Beach Ptg. Co., Will A., 235 N. Phillips Ave., Sioux Falls, S. D.
 Benson & Sons, Inc., Benj. D., 11 Cliff, New York, N. Y.
 Brandon Printing Co., Nashville, Tenn.
 Brown-Blodgett Co., 1745 University Ave., St. Paul, Minn.
 The Burke Printing Co., Fredonia, Kan.
 Bushong & Co., Inc., Park & Stark, Portland, Ore.
 Buxton & Skinner Ptg. & Sta. Co., 306 N. 4th St., Louisville, Mo.
 Central Banknote Co., 319 N. Albany, Chicago, Ill.
CHILDS & CO., S. D., 136 S. Clark, Chicago, Ill.
 Clarke & Courts, 2402 Mechanic, Galveston, Tex.
 Cokrum 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.
 Doubleday Bros. & Co., 241 E. Michigan Ave., Kalamazoo, Mich.
 Dow Co., Louis F., 2242 University Ave., St. Paul, Minn.
 Drew Co., The H. & W. B., 22-30 W. Bay, Jacksonville, Fla.
 Du Bois Press, 151 Broadway, Rochester, N. Y.
 Exline Co., 113 St. Clair Ave., N. E., Cleveland, O.
 Farnham Printing & Stationery Co., 417-419 Hennepin, Minneapolis, Minn.
 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, Indianapolis, Ind.
 Lloyd Co., W. C., 626 S. Clark, Chicago, Ill.
 Long Island Printing & Lithographing Co., Inc., 137 Jackson, Hempstead, N. Y.
 Mann Co., Wm., 529 Market, Philadelphia, Pa.
 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., 417 Main, Little Rock, Ark.
RAND McNALLY & CO., 536 S. Clark, Chicago, Ill.
 Remington Rand Business Service, Inc., 465 Washington, Buffalo, N. Y.
 Reserve Litho. & Ptg. Co., Caxton Bldg., Cleveland, Ohio.
 Reynolds & Reynolds Co., Washington & Dudley, Dayton, Ohio.
 Richmond & Backus Co., Woodward at Congress, Detroit, Mich.
 Schooley Printing & Stationery Co., 718 Delaware, Kansas City, Mo.
 Schwabacher-Frey Sta. Co., 735 Market, San Francisco, Cal.
 Sebastian & Co., 224 N. Desplaines, Chicago, Ill.
 Smith-Brooks Printing Co., 1733-47 California, Denver, Colo.
 Smith Co., Oscar T. & Son, 407-411 E. Saratoga, Baltimore, Md.
 Smith Ptg. Co., 225 E. 3d, Williamsport, Pa.
 Southern Stamp & Stationery Co., 1206 E. Main, Richmond, Va.
 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.
 Toof & Co., S. C., 195 Madison, Memphis, Tenn.
 Van Chief Lithographing Co., 2708-12 Wabash Ave., Chicago, Ill.
 Walker, Evans & Cogswell Co., 3 Broad, Charleston, S. C.
 Walker Litho. & Ptg. Co., 114 W. 4th, Dayton, O.
 Western Lithograph Co., 600 E. 2d, Los Angeles, Cal.
 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.

333 PRINTING PRESSES (SMALL)

American Multigraph Sales Co., E. 40th & Kelley Ave., Cleveland, O.

PROTECTIVE DEVICES

(See Burglar Alarms, and Locks)

334 PROTECTIVE EQUIPMENT

American District Telephone & Telegraph Co., 183 Varick, New York, N. Y.
 Federal Laboratories, Inc., 1631 Liberty Ave., Pittsburgh, Pa.
 Holmes Electric Protective Co., 370 7th Ave., New York, N. Y.
 Shaw-Walker Co., The, Muskegon, Mich.

335 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-Walker 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, Inc., 465 Washington, Buffalo, N. Y.
 Riteall Checkwriter Corporation, 113 N. Water, Rochester, N. Y.
 Safe-Guard Check Writer Corp., Lansdale, Pa.
 Safety Check Protector Corp., North Chicago, Ill.
 Todd Co., 1185 University Ave., Rochester, N. Y.

336 PUBLICATIONS, FINANCIAL

(See also Magazines, Banking)

BANKERS BULLETIN, THE, 536 S. Clark St., Chicago, Ill.
BANKERS MONTHLY, THE, 536 S. Clark St., Chicago, Ill.
 Bankers Thrift Corp., 2240 N. Racine, Chicago, Ill.
 Financial Publishing Co., 129 S. La Salle, Chicago, Ill.
 The Fitch Publishing Co., Inc., 138 Pearl, New York, N. Y.

337 PUNCHES, BOND & TICKET

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

338 PUNCHES, PAPER

The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Remington Rand Business Service, Inc., 465 Washington, Buffalo, N. Y.

R**339 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.
 Nachteggall Mfg. Co., 237 S. Front, Grand Rapids, Mich.
 Newman Mfg. Co., 416-424 Elm, Cincinnati, O.
 Twentieth Century Co., 542 S. Dearborn, Chicago, Ill.
 Watson Mfg. Co., 1000 Taylor, Jamestown, N. Y.
 Wisconsin Iron & Wire Works, 1660 Booth, Milwaukee, Wis.

340 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., 416-423 Elm, Cincinnati, O.
 Shaw-Walker Co. The, Muskegon, Mich.
 Watson Mfg. Co., 1000 Taylor, Jamestown, N. Y.

341 RACKS, DRAFT & NOTE

Reck Specialty Co., Waterloo, Ia.
 Currier Manufacturing Co., Northwestern Terminal, Minneapolis, Minn.
 Watson Mfg. Co., 1000 Taylor, Jamestown, N. Y.

342 RACKS, FILING

Art Metal Construction Co., Jones & Gifford, Jamestown, N. Y.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Watson Mfg. Co., 1000 Taylor, Jamestown, N. Y.
 Weis Mfg. Co., Union, Monroe, Mich.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

343 RACKS, MAGAZINE & NEWSPAPER

Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 The Davis Metal Fixture Co., 615 Brook, Lansing, Mich.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Watson Mfg. Co., 1000 Taylor, Jamestown, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

344 RACKS, MECHANICAL POSTING

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

345 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.

346 RADIATOR COVERS, STEEL

Art Metal Products Co., 514 S. Green, Chicago, Ill.
 Le Febure Corporation, Cedar Rapids, Ia.
 Watson Mfg. Co., 1000 Taylor, Jamestown, N. Y.

RAILINGS

(See Fixtures, Bank and Office)

347 RAIN GAUGES

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

348 RECEPTACLES, WASTE

Economy Baler Co., Ann Arbor, Mich.
 Remington Rand Business Service, Inc., 465 Washington, Buffalo, N. Y.

349 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)

350 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.
 Remington Rand Business Service, Inc., 465 Washington, Buffalo, N. Y.
 Viking Products Corp., 422 W. 42d, New York, N. Y.

351 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.
 Standard Register Co., Albany and Campbell, Dayton, O.
 United Autographic Register Co., 2316 W. 43d, Chicago, Ill.

352 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.
 Flamming & 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, Inc., 465 Washington, Buffalo, N. Y.
 Reynolds & Reynolds Co., Washington & Dudley, Dayton, O.
RICHMOND & BACKUS CO., Woodward at Congress, Detroit, Mich
 Stationers Loose Leaf, 350 Broadway, Milwaukee, Wis.
 Tallman-Robbins & Co., 314 W. Superior, Chicago, Ill.
 Wilson-Jones Co., 3300 Franklin Blvd., Chicago, Ill.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

353 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, Inc., 465 Washington, Buffalo, N. Y.

354 REGISTERS, DISCOUNT

(See also Registers, Bank)

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

355 REGISTERS, MORTGAGE

(See also Registers, Bank)

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

356 REGISTERS, NOTE & LOAN

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

357 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.

358 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.

359 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, Inc., 465 Washington, Buffalo, N. Y.

360 ROLLS, ADDING MACHINE

American Sales Book Co., Ltd., Elmira, N. Y.
 C. Benninghofen & Sons, Hamilton, O.
 Remington Rand Business Service, Inc., 465 Washington, Buffalo, N. Y.
 Young & Selden Co., 224 N. Calvert, Baltimore, Md., Philadelphia and Pittsburgh.

RUBBER BANDS

(See Supplies, Bank & Office)

RULED FORMS

(See Forms, Bank)

361 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

362 SAFE DEPOSIT RECORDS

Acmec 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, Inc., 465 Washington, Buffalo, N. Y.
YALE & TOWNE MFG. CO., Stamford, Conn.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

363 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., 818 Mulberry Rd., 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., 1520 Division Ave., S., Grand Rapids, Mich.
 Meilink Steel Safe Co., 1700 Oakwood, Toledo, O.
 Metal Office Furniture Co., Grand Rapids, Mich.
 National Safe & Lock Co., E. 69th & Quincy, Cleveland, Ohio.
 Norris Safe & Lock Co., 114 Third Ave., S., Seattle, Wash.
 Remington Rand Business Service, Inc., 465 Washington, Buffalo, N. Y.

Shaw-Walker Co., Muskegon, Mich.
 Steel Equipment Corp., Avenel, N. J.
 Watson Mfg. Co., 1000 Taylor, Jamestown, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

364 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., 818 Mulberry Rd., S. E., 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., E. 69th and Quincy, Cleveland, Ohio.
 Norris Safe & Lock Co., 114 Third Ave., S., Seattle, Wash.
 Remington & Sherman Co., 1545 N. Delaware Ave., Philadelphia, Pa.
SAFE CABINET DIVISION OF REMINGTON RAND, Buffalo, N. Y.
 Shaw-Walker Co., The, Muskegon, Mich.
 Sweetser & Baldwin Safe Co., 1800 S. Main, Los Angeles, Calif.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.
 York Safe & Lock Co., York, Pa.

365 SAFES, MANGANESE STEEL

Cary Safe Co., 1200 Niagara, Buffalo, N. Y.
 Diebold Safe & Lock Co., 818 Mulberry Rd., S. E., Canton, Ohio.
 Herring-Hall-Marvin Safe Co., Grand Blvd., Hamilton, Ohio.
 Mosler Safe Co., Hamilton, Ohio.
 National Safe & Lock Co., E. 69th and Quincy, Cleveland, O.
 Norris Safe & Lock Co., 114 Third Ave., S., Seattle, Wash.
 York Safe & Lock Co., York, Pa.

366 SAFES, NIGHT DEPOSITORY

BANK VAULT INSPECTION CO., 5 So. 18th St., Philadelphia, Pa. (See our adv. on this page.)
 Federal Laboratories, Inc., 1631 Liberty Ave., Pittsburgh, Pa.
 Herring-Hall-Marvin Safe Co., Grand Blvd., Hamilton, O.
 McClintock Co., O. B., 139 Lyndale Ave., Minneapolis, Minn.
 The Mosler Safe Company, Hamilton, O.
 Remington & Sherman Co., 1545 N. Delaware Ave., Philadelphia, Pa.

367 SAFES, WALL

Diebold Safe & Lock Co., 818 Mulberry Rd., S. E., Canton, Ohio.
 Gross-Feibel Co., Hillstoro, O.
 Meilink Steel Safe Co., Toledo, Ohio.
 York Safe & Lock Co., York, Pa.

SAFETY PAPER

(See Paper, Safety)

368 SAVINGS BANKS, HOME & POCKET

Andreasen Mfg. Co., 6647-6649 Oliphant Ave., Chicago, Ill.
 Automatic Recording Safe Co., 159 N. State, Chicago, Ill.
 Bankers Savings & Credit System Co., 10302 Madison Ave., Cleveland, Ohio.
 Bankers Service Corp., 19 Warren, New York, N.Y.
 Bankers Thrift Book Co., Inc., 529 S. 7th, Minneapolis, Minn.
 Bankers Thrift Corp., 2240 N. Racine Ave., Chicago, Ill.
 Bankers Utilities Co., Inc., 268 First, San Francisco, Calif.



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SERVICE GUIDE SECTION

Rand McNally Bankers Directory—(The Blue Book)

SAVINGS BANKS, HOME & POCKET—CONTINUED

THE BANKETTE COMPANY, INC., Bankers Bldg., 88 Broad St., Boston, Mass. (See our adv. on this page.)

Call's Bankers Service Corp., 25 E. Bay, Savannah, Ga.

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

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.

Hockswender 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. (See our adv. on page 23G.)

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

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.

369 SAVINGS BANKS, (REGISTER)

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

370 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., 25 E. Bay, Savannah, Ga.

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

Hunter Co., Geo. A., 6910 Romaine, Los Angeles, Calif.

Jamestown Metalsmiths Inc., 217 Hopkins Ave., Jamestown, N. Y.

Kumler Co., Inc., John M., 35 E. Wacker Drive, Chicago, Ill.

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

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)

371 SAVINGS SYSTEMS

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

Call's Bankers Service Corp., 25 E. Bay, Savannah, Ga.

Christmas Club, a division of National Bancservice Corp., 45 W. 45th New York, N. Y.

Findex Company, 720 S. Pierce, Milwaukee, Wis.

Flak Finger Print System, 1 Liberty, New York, N. Y.

Houte Corp. 232 W. 63d, Chicago, Ill.

L'Enfant-Oley-Martine Mfg. Corp., 99-101 Fifth Ave., New York, N. Y.

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

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

WARD, D. E., 111 W. Monroe, Chicago, Ill.

372 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.

373 SCHOOL SAVINGS

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

Educational Thrift Service, Inc., 233 Broadway, New York, N. Y.

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

Standard Savings Service, Inc., 107 Sixth, Pittsburgh, Pa.

Thrift, Inc., 154 Marion, Oak Park, Ill.

Thrift Service, Inc., 296 Broadway, New York, N. Y.

374 SCHOOLS, CORRESPONDENCE

Alexander Hamilton Institute, Astor Pl., New York, N. Y.

Walton School of Commerce, 332 S. Michigan, Chicago, Ill.

SCREENS, COUNTER

(See Grillwork)

375 SCREENS, DOOR & WINDOW

Circle A Products Corp., 613 S. 25th, New Castle, Ind.

Watson Mfg. Co., 1000 Taylor, Jamestown, N. Y.

Western Venetian Blind Co., General Office, 2700 Long Beach Ave., Los Angeles, Calif.

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376 SCREENS, SAFETY DEPOSIT

American Fixture Co., 16th & Bellefontaine, Kansas City, Mo.
AMERICAN IRON & WIRE WORKS, 1622 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., 416-424 Elm, 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)

377 SEALING DEVICES, ENVELOPE

Postage Meter Co., 723 Pacific, Stamford, Conn

SEALING WAX
 (See Wax, Sealing)

378 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.
 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 this 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.

379 SEALS, COIN BAG

Abbott Coin Counter Co., 143d & Wales Ave., New York, N. Y.
DOWNNEY CO., C. L., 941 Clark, Cincinnati, O.
 Matthews & Co., Jas. H., 3942 Forbes, Pittsburgh, Pa.
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.

380 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.

381 SERVICE, BOND ISSUE

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

382 SERVICE, CONSULTING ECONOMISTS

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

383 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, Inc., 465 Washington, Buffalo, N. Y.
 United Business Service (Company, Inc.), 210 Newbury, Boston, Mass.

384 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.
 Lafrentz & Co., F. W., 100 Broadway, New York, N. Y.
 Snow & Co., M.P., 400 N. Michigan Ave., Chicago, Ill.

385 SHADES, DOOR

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

386 SHADES, WINDOW

(See also Blinds, Venetian)
 Athey Company, 6035 W. 65th, Chicago, Ill.
 The Bostwick-Goodell Co., Garfield at Jefferson, Norwalk, O.
 Camden Artercraft Co., 160 N. Wells, Chicago, Ill.
 Watson Mfg. Co., 1000 Taylor, Jamestown, N. Y.
 Wilson Corp., J. G., 11 E. 38th, New York, N. Y.

387 SHELVEING, 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, Inc., 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., 1000 Taylor, 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)

388 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.
 Bankers Thrift Corp., 2240 N. Racine Ave., 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 Follis 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. Displays, 1560 Broadway, New York, N. Y.
 National Adv. Service, Inc., P. O. Box 75, La Grange, Ind.

NATIONAL SERVICE BUREAU OF NEW YORK, INC., 80 John, New York, N. Y.

Nelke, L. D., 45 E. 17th, New York, N. Y.
 Newman Mfg. Co., 416-424 Elm, 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.
 Rehberger & Co., A. C., 3656 Lincoln Ave., Chicago, Ill.
 Shank Sign Co., E. A., 25 W. 43d, New York, 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.

389 SIGNS, BRASS & BRONZE

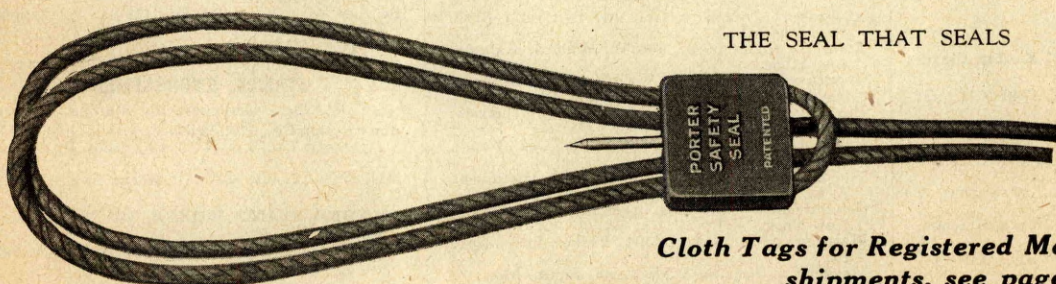
American Bronze Co., 1316 W. 63d, Chicago, Ill.
 American Seal & Stamp Co., 120 S. Clark, Chicago, Ill.
 American Iron & Wire Works, 1622 Carroll, Chicago, Ill.
ART IN BRONZE CO., INC., 1621 E. 41st, Cleveland, O.
 Baldwin Brass Works, 411 S. Clinton, Chicago, Ill.
 Bankers Savings & Credit System Co., 10302 Madison Ave., Cleveland, O.
 Bankers Thrift Corp., 2240 N. Racine 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 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.

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Cloth Tags for Registered Mail and Express shipments, see page 42G.

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SIGNS, BRASS & BRONZE—CONTINUED

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.
 Hamilton & Cord Company, 4753 Broadway, Chicago, Ill.
 Harsch Bronze & Foundry Co., John, 11612 Madison Ave., Cleveland, O.
 Imperial Brass Mfg. Co., 1200 Harrison St., Chicago, Ill.
 Martin & Co., 227 W. Madison, Chicago, Ill.
 Matthews & Co., Jas. H., 3942 Forbes, Pittsburgh, Pa.
 Mayer Co., Geo. J., 36 S. Meridian, Indianapolis, Ind.
 Metal Products Co., 462 4th, Milwaukee, Wis.
 Michaels Art Bronze Co., Inc., 230-240 Scott, Covington, Ky.
 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., 416-424 Elm, 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.
 Shank Sign Co., E. A., 25 W. 43d, New York, N. Y.
 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.
 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.

390 SIGNS, CARDBOARD

Follis Advertising Service, W. E., 159 N. State, Chicago, Ill.
 Kohl & Co., P. J., 224-230 W. Huron, Chicago, Ill.
 Shank Sign Co., E. A., 25 W. 43d, New York, N. Y.

391 SIGNS, CHANGEABLE

American Signs Corp., 436 W. Willard, Kalamazoo, Mich.
 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.
 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., 416-424 Elm, 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.
 Standard Slide Corp., 209 W. 48th, 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.

392 SIGNS, DESK

ART IN BRONZE CO., INC., 1621 E. 41st, Cleveland, O.
 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., 416-424 Elm, Cincinnati, Ohio.
 Price Bros., Inc., 2640-2648 N. Maplewood Ave., Chicago, Ill.

Safford Stamp Works, 205 W. Madison, Chicago, Ill.
 Shank Sign Co., E. A., 25 W. 43d, New York, N. Y.
 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.
 Viking Products Corp., 422 W. 42d, New York, N. Y.
 Williams, Inc., Jno., 542 W. 27th, New York, N. Y.

393 SIGNS, ELECTRIC

Al Fresco Advertising Co., 900 S. Grand Blvd., St. Louis, Mo.
 American Signs Corp., 436 W. Willard, Kalamazoo, Mich.
 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.
 Meyercood Co. (The), 120 S. La Salle, Chicago, Ill.
 National Adv. Displays, 1560 Broadway, New York, N. Y.
 Newman Mfg. Co., 416-424 Elm, 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.
 Shank Sign Co., E. A., 25 W. 43d, 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.

394 SIGNS, GLASS

Horn Posting Sign Systems, W. J., 426 N. 5th, Springfield, Ill.
 Newman Mfg. Co., 416-424 Elm, Cincinnati, O.
 Rawson & Evans Co., 710-12 W. Washington Blvd., Chicago, Ill.
 Robinson & Co., Inc., T. L., 1458 W. Kinzie, Chicago, Ill.
 Shank Sign Co., E. A., 25 W. 43d, New York, N. Y.
 Steere & Son, Geo., 434 S. Dearborn, Chicago, Ill.
 Twentieth Century Co., 542 S. Dearborn, Chicago, Ill.

395 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.

396 SIGNS, PORCELAIN ENAMELED

American Signs Corp., 436 W. Willard, Kalamazoo, Mich.
 Atlanta Rubber Stamp & Stencil Wks., 76 Forsyth, N. W., Atlanta, Ga.
 Enameled Steel Sign Co., 320 E. N. Water, Chicago, Ill.
 Flexlume Corporation, 1100 Military Rd., Buffalo, N. Y.
 Nelke, L. D., 45 E. 17th, New York, N. Y.
 Shank Sign Co., E. A., 25 W. 43d, New York, N. Y.
 Steere, George, 434 S. Dearborn, Chicago, Ill.

397 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.
 Meeker Co., Inc., 3d & Michigan, Joplin, Mo.
 Nelke, L. D., 45 E. 17th, New York, N. Y.
 North American Service Co., 105 W. Monroe, Chicago, Ill.
 Shank Sign Co., E. A., 25 W. 43d, New York, N. Y.
 Steere & Sons, George, 434 S. Dearborn, Chicago, Ill.
 Sunset System, 2323 Broadway, San Antonio, Tex.

398 SIGNS, WIRE

Newman Mfg. Co., 416-424 Elm, Cincinnati, O.
 Wisconsin Iron & Wire Works, 1660 Booth, Milwaukee, Wis.

399 SLIDES, LANTERN (MOTION PICTURE, ETC.)

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

SOAP DISPENSERS (See Dispensers, Soap)**400 SOAPS, LIQUID**

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

401 SOLICITATION, NEW ACCOUNT

(See Personal Solicitation, New Accounts)
 Haines Mfg. Co., 84 Exchange, Rochester, N. Y.
 Houte Corp., 232 W. 63d, 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)

402 SPONGES

BLOCK & SONS, ALBERT, 36 Walker St., New York, N. Y.

403 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.

404 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.
 Darling Co., J. C., 734 Kansas Ave., Topeka, Kan.
 Force & Co., Inc., Wm. A., 105 Worth, New York, N. Y.
 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.
 Moise-Klinker Co., 369 Market, San Francisco, Cal.
 Nobler Stamp & Seal Co., Inc., 524 S. Dearborn, Chicago, Ill.
 Remington Rand Business Service, Inc., 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.

405 STAMPS, ENDORSEMENT

(See also Check Endorsers and Stamps, Rubber)
 Acme Stamp Co., 1100 Prospect 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.

406 STAMPS, INDEXED

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

407 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.
 Bankers Stamp Co., Mishawaka, Ind.
 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-Lawler Co., Inc., 1543 Larimer, Denver, Colo.
 Safford Stamp Works, 205 W. Madison, Chicago, Ill.
 Southern Stamp & Stationery Co., 1206 E. Main, Richmond, Va.
 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.

408 STAMPS, STENCIL

Multistamp Co., Norfolk, Va.

409 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.

410 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.
 Metal Office Furniture Co., Grand Rapids, Mich.
 Remington Rand Business Service, Inc., 465 Washington, Buffalo, N. Y.
 Tubular Specialty Mfg. Co., 1940 Stanley Ave., Detroit, Mich.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

411 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, Inc., 465 Washington, Buffalo, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

412 STANDS, TYPEWRITER

Adjustable Table Co., 55 Mt. Vernon Ave., Grand Rapids, Mich.
 Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Hoosier Desk Co., 202 Mill, Jasper, Ind.
 Le Febure Corporation, Cedar Rapids, Ia.
 Remington Rand Business Service, Inc., 465 Washington, Buffalo, N. Y.
 Searles Electric Welding Works, 1850 Fulton, Chicago, Ill.
 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.

413 STAPLES

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

STAPLING MACHINES
 (See Machines, Stapling)

STATEMENT BLANKS
 (See Forms, Bank)

414 STATEMENTS, DAILY EARNING

Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 Le Febure Corp., Cedar Rapids, Iowa.
 Mann Co., Wm., 529 Market, Philadelphia, Pa.
 Remington Rand Business Service, Inc., 465 Washington, Buffalo, N. Y.

415 STATIONERS

American Bank Stationery Co., Curtin, 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 Paper Co., L. L., Adams, Mass.
 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. (See our adv. on this page.)
 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. Hadlev 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 Summerdale, Chicago, Ill.
 Northern Bank Note Co., 2340 N. Racine Ave., Chicago, Ill.
 Office Efficiency Distributors Co., 200 Davis, San Francisco, Cal.
 Orthwine, R., 344 W. 34th, New York, N. Y.
 Parsons Paper Co., 84 Sargeant, Holyoke, Mass.
 Pembroke Co., 24 E. Broadway, Salt Lake City, Utah.
 Pettibone & Co., P. F., 27 N. Desplaines, Chicago, Ill.
 Pioneer, Inc., 12th & A. Sts., Tacoma, Wash.
 Pressteel Engineering Corp., 342 Madison Ave., New York, N. Y.
 Pugh & Co., H. G., 417 Main, Little Rock, Ark.
 Remington Rand Business Service, Inc., 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., 110 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.

Fort Wayne Printing Co.

FORT WAYNE, INDIANA

BANK STATIONERS

Printers :: Lithographers

OFFICE SUPPLIES BLANK BOOKS

Bank and Commercial Stationery

RULED AND PRINTED FORMS

BLANK BOOKS

PRINTERS AND BINDERS

RUBBER STAMPS

NUMBERING MACHINES

COMPLETE LINE LOOSE LEAF FORMS

POSTING MACHINE SUPPLIES

S. D. CHILDS & CO. 136 South Clark Street, Chicago
 TELEPHONE CENTRAL 0534

416 STATIONERY, FAN-FOLD

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, Inc., 465 Wash-
 ington, Buffalo, N. Y.
 Vawter Manifold Co., Benton Harbor, Mich.

STATISTICAL SERVICE
 (See Service, Statistical)

STEEL SAFES, MANGANESE
 (See Safes, Manganese Steel)

417 STENCILS

Arlac Dry Stencil Corp., 424 Fourth Ave., Pitts-
 burgh, 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.
 Federal Addressing Machine Corp., 77 E. Swan,
 Buffalo, N. Y.
 Martin & Co., 227 W. Madison, Chicago, Ill.
 Melind Co., Louis, 362 W. Chicago, Chicago, Ill.
 Moise-Klinkern Co., 369 Market, San Francisco,
 Cal.
 National Sign Stencil Co., 1602 University Ave.,
 St. Paul, Minn.
 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)

418 STEREOPTICONS

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

419 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)

420 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., Minne-
 apolis, Minn.

421 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 Fran-
 cisco, 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)

422 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, Inc., 465 Wash-
 ington, Buffalo, N. Y.
 Union Paper & Twine Co., 116 St. Clair Ave. N. W.,
 Cleveland, Ohio.

SUPPLIES, ADDRESSING MACHINE
 (See Machines, Addressing and specific headings)

423 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. Washing-
 ton, 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. Vande-
venter & Laclede Aves., St. Louis, Mo.
 Beach Printing Co., Will A., 235 N. Phillips Ave.,
 Sioux Falls, S. D.
 Boorum & Pease Co., 84 Hudson, Brooklyn, N. Y.
 Brown-Blodgett Co., 1745 University Ave., St.
 Paul, Minn.
 Buchan-White Loose Leaf Co., 1906 Pine St.,
 Louis, Mo.

BURFORD PRINTING CO., WM. B., 40 S. Meri-

dian, Indianapolis, Ind. (See our adv. on this
 page.)
 Buxton & Skinner Printing & Stationery Co.,
 306 N. 4th, St. Louis, Mo.
 Carrithers & Co., 128 N. Wells, Chicago, Ill.
 Central Office Equip. Co., 120 W. Washington,
 Fort Wayne, Ind.
 Courier Journal Job Printing Co., 326 W. Liberty,
 Louisville, Ky.
 Currier Manufacturing Co., Northwestern Termi-
 nal, 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.
 Foote & 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., Cin-
 cinnati, O.
 Gordon Pen Co., 450 Palisades Ave., West New
 York, N. J.
 Graff-Underwood Co., 54 Washburne Ave., Cam-
 bridge, Mass.

Grammes & Sons, L. F., Allentown, Pa.
 Hadley Co., Chas. R., 330 N. Los Angeles, Los
 Angeles, Calif.
 Hall Lithographing Co., 623 Kansas Ave., Topeka,
 Kan.
 Hammond Printing Co., 101-5 E. 5th, Fremont,
 Neb.
 Handy-Roll Co., 1245-1247 34th Ave., Oakland,
 Calif.
 Horder's Inc., 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, Indian-
 apolis, 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.
 Myself-Rollins Bank Note Co., 500 Sansome, San
 Francisco, Cal.
 New Martinsville Glass Mfg. Co., New Martins-
 ville, 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., 417 Main, Little Rock, Ark.
 Remington Rand Business Service, Inc., 465 Wash-
 ington, 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 Mfg. 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 Stamp & Stationery Co., 1206 E. Main,
 Richmond, Va.
 Southern States Prtg. Co., Inc., 117 So. Hill St.,
 Griffin, Ga.
 Strayer Coin Bag Co., 1028-4th Ave., New Brite-
 ton, Pa.
 Stuart-Hooper Co., 5431 S. Wabash Ave., Chicago,
 Swisher Mfg. Co., R. D., 411-13 S. Clinton, Chi-
 cago, Ill.
 Tauck-Lo Co., The, 33 W. 42d, New York, N. Y.
 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, Charles-
 ton, S. C.
 Watson Mfg. Co., 1000 Taylor, 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., Roches-
 ter, N. Y.
 Young & Selden Co., 224 No. Calvert, Baltimore,
 Md.
 Zimmerman Bros. & Co., 4020 Michigan, Chicago,
 Ill.

SUPPLIES, CHRISTMAS CLUB
 (See Christmas Savings)

424 SUPPLIES, DEPOSIT TICKET FILES

Beck Specialty Co., 621 Jefferson, Waterloo, Ia.
 The Globe-Wernicke Co., Carthage Ave., Cin-
 cinnati, O.
 Remington Rand Business Service, Inc., 465 Wash-
 ington, Buffalo, N. Y.
 Shaw-Walker Co., The, Muskegon, Mich.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Roches-
 ter, N. Y.

BLANK BOOKS, PRINTING
 LITHOGRAPHING
 STEEL AND COPPER
 PLATE ENGRAVING AND
 PRINTING
 FILING DEVICES AND SUPPLIES

IF USED IN AN OFFICE
BURFORD
 HAS IT

BUILDING AND LOAN FORMS
 BANK PASS BOOKS, BANK CHECKS
 DRAFTS AND CERTIFICATES OF
 DEPOSIT, STOCK CERTIFICATES
 LOOSE LEAF FORMS AND BINDERS
 STEEL AND WOOD OFFICE
 FURNITURE AND EQUIPMENT

WM. B. BURFORD PRINTING COMPANY, 40 South Meridian St., Indianapolis, Ind.

425 SUPPLIES, ELECTRICAL

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

426 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.

LIBRARY BUREAU DIVISION OF REMINGTON-RAND, Buffalo, N. Y.

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

LIBRARY BUREAU DIVISION OF REMINGTON-RAND, 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)

427 SUPPLIES, JANITORS'

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

428 SUPPLIES, LOOSE LEAF

BAKER-VAWTER-KALAMAZOO DIVISION OF REMINGTON-RAND, Buffalo, N. Y.

Boorum & Pease Co., 84 Hudson, Brooklyn, N. Y.
 Brown Paper Co., L. L., Adams, Mass.
 Buchan-White Loose Leaf Co., 1906 Pine, St. Louis, Mo.
 Buxton & Skinner Printing & Stationery Co., 306 N. 4th, St. Louis, Mo.
 Commercial Lithographing Co., 825 W. Market, Louisville, Ky.
 Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 Dow Co., Louis F., 2242 University Ave., St. Paul, Minn.
 Foote & Davies Co., Edgewood & Pryor, Atlanta, Ga.
 Ft. Wayne Printing Co., 119-130 Holman, Ft. Wayne, Ind.
 Hadley Co., Charles R., 330 N. Los Angeles, Los Angeles, Calif.
 Hall Lithographing Co., 623 Kansas Ave., Topeka, Kan.
 Horder'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.

BAKER-VAWTER-KALAMAZOO DIVISION OF REMINGTON-RAND, 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.

429 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.
 Horder'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, Inc., 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.

430 SUPPLIES, PHOTO COPYING MACHINE

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

431 SUPPLIES, TYPEWRITER

American Writing Machine Co., 449 Central Ave., Newark, N. J.
 Clarotype Company, Inc., 16 Hudson, New York, N. Y.
 Crown Ribbon & Carbon Mfg. Co., 782 St. Paul, Rochester, N. Y.
 Remington Rand Business Service, Inc., 465 Washington, Buffalo, N. Y.
 Ros Rol, Typewriter Roller Cleaner Co., 128 E. Main, Norristown, Pa.
 United States Pencil Co., Inc., 487 Broadway, New York, N. Y.
 Webster Co., Inc., F. S., 340 Congress, Boston, Mass.

432 SYSTEMS, ACCOUNTING

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

433 SYSTEMS, BUDGET, HOME

Mills-Broderick Ptg. 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)

434 SYSTEMS, COLLECTION

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

435 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., 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, Inc., 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.
 Weis Mfg. Co., Union, Monroe, Mich.
YAWMAN & ERBE MFG. CO., 1099 Jay St., Rochester, N. Y.

436 SYSTEMS, FILING, CARD

(See also Systems, Filing)

Amberg File & Index Co., 1400 Fulton, Chicago, Ill.
 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, Inc., 465 Washington, Buffalo, N. Y.
 Shaw-Walker Co., Muskegon, Mich.
 Yawman & Erbe Mfg. Co., 1099 Joy St., Rochester, N. Y.

SYSTEMS, INTER-COMMUNICATING

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

437 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.
 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, Inc., 465 Washington, Buffalo, N. Y.
 Shaw-Walker Co., The, Muskegon, Mich.
 Wilson-Jones Co., 3300 Franklin, Chicago, Ill.
 Yawman & Erbe Mfg. Co., 1099 Joy St., Rochester, N. Y.

438 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.
 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, Inc., 465 Washington, Buffalo, N. Y.
YAWMAN & ERBE MFG. CO., 1099 Jay St., Rochester, N. Y.

439 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, Inc., 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.

440 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, Inc., 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.

441 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.)

442 SYSTEMS, SIGNALING

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

T**443 TABLES, DIRECTORS**

(See also Furniture)

Claus Mfg. Co., The A., 5250 Brookpark Rd., Cleveland, Ohio.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Remington Rand Business Service, Inc., 465 Washington, Buffalo, N. Y.
 Watson Mfg. Co., 1000 Taylor, Jamestown, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

444 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.

445 TABLES, TRAY

Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Le Febure Corp., Cedar Rapids, Iowa.
 Remington Rand Business Service, Inc., 465 Washington, Buffalo, N. Y.
 Watson Mfg. Co., 1000 Taylor, Jamestown, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

446 TABLES, TYPEWRITER (ADJUSTABLE)

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

447 TABLETS, BRONZE

American Bronze Co., 1316 W. 63d, Chicago, Ill.
ART IN BRONZE CO., INC., 1621 E. 41st, Cleveland, O.

Baldwin Brass Works, 411 S. Clinton, Chicago, Ill.
 Brakmeir 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., 416-424 Elm, Cincinnati, O.

Oregon Brass Works, 2d & Everett, Portland, Ore.

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

Shank Sign Co., E. A., 25 W. 43d, New York, N. Y.

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.

Usona Mfg. Co., 3512 Chouteau, St. Louis, Mo.

WILLIAMS, INC., JOHN, 542 W. 27th, New York, N. Y.

448 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.

449 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.

450 TAGS, REGISTERED MAIL

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

451 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.

TAPE SEALING MACHINES

(See Machines, Sealing, Gummed Tape)

TAX SERVICE

(See Service Tax)

452 TELAUTOGRAPHS

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

453 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)

454 TELEPHONE EAR CUSHIONS (RUBBER)

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

455 TELEPHONE MOUTHPIECES (GLASS)

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

456 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.

457 TELLERS-BOOKKEEPERS INTER-COMMUNICATING SYSTEMS

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

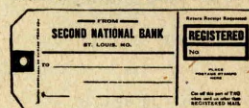
458 TERRA COTTA

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. (See our adv. on this page.)

Northwestern Terra Cotta Co., 2525 Clybourn, Chicago, Ill.

Winkle Terra Cotta Co., 902 Century Bldg., St. Louis, Mo.

CLOTH SHIPPING TAGS

*Samples
mailed on
request*

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

The highest type of modern architecture requires that buildings be planned for more than utility alone. They must be beautiful, impart a feeling of warmth and possess a friendly inviting appearance. Midland Terra Cotta with its wide range of form, color and texture is a favored material for achieving this ideal.

Midland Terra Cotta Company

105 West Monroe Street, Chicago, Illinois

459 TEXTBOOKS, BANKING

RAND McNALLY & CO., 536 S. Clark St., Chicago, Ill. (See our adv. on page 60G.)

460 THERMOMETERS, ADVERTISING

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

461 THERMOMETERS, GIANT ELECTRIC, ADVERTISING

McCLINTOCK CO., O. B., 139 Lyndale Ave., N., Minneapolis, Minn.

THRIFT SYSTEMS

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

TICKET BINDERS

(See Binders Ticket)

462 TIME FINDERS

MEILICKE SYSTEMS, INC., 3464 N. Clark St., Chicago, Ill.

TIME STAMPS

(See Stamps, Time)

463 TOWELS, PAPER

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

464 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)

465 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, Inc., 465 Wash- ington, Buffalo, N. Y.
 Shaw-Walker Co., Muskegon, Mich.
 Watson Mfg. Co., 1000 Taylor, Jamestown, N.Y.
 Yawman & Erbe Mfg. Co., 1099 Jay St. Roch- ester, N. Y.

466 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 Broad- way, Robbinsdale, Minn.
 Kolhaas Co., 183 N. Dearborn, Chicago, Ill.
 Le Febure Corporation, Cedar Rapids, Ia.
 Remington Rand Business Service, Inc., 465 Wash- ington, Buffalo, N. Y.
 Superior Equipment Co., 642 Beaubien, Detroit, Mich.
 Watson Mfg. Co., 1000 Taylor, Jamestown, N.Y.
 Yawman & Erbe Mfg. Co. 1099 Jay St., Roch- ester, N. Y.

467 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.
STRAYER COIN BAG CO., 1028 4th Ave., New Brighton, Pa.
TAUCK & CO., ARTHUR C., 20 Clinton St., Newark, N. J. (See our adv. on this page.)
 Tucker & Dorsey Mfg. Co., 302 S. State, Indi- anapolis, Ind.
 Watson Mfg. Co., 1000 Taylor, Jamestown, N.Y.

468 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 Brite- ton, Pa.
 Tauck & Co., Arthur C., 20 Clinton St., Newark, N. J. (See our adv. on this page.)

469 TRAYS, DISPLAY

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

470 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., Cin- cinnati, O.
 Remington Rand Business Service, Inc., 465 Wash- ington, Buffalo, N. Y.
 Wagemaker Co., 566 Market, S. W., Grand Rapids, Mich.
 Watson Mfg. Co., 1000 Taylor, Jamestown, N.Y.

TRAYS, SORTING

(See Trays, Check)

TRUCKS, VAULT

(See Omnibuses, Vault)

TRUST DEPT. ADVERTISING

(See Advertising, Trust Department)

471 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)

472 TYPEWRITER ATTACHMENTS

Office Efficiency Distributors Co., 200 Davis, San Francisco, Cal.
 Remington Rand Business Service, Inc., 465 Wash- ington, Buffalo, N. Y.

TYPEWRITER RIBBONS

(See Ribbons, Typewriter)

473 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 TYPEWRITER DIVISION, REM- INGTON-RAND, Buffalo, N. Y.
 Royal Typewriter Co., Inc., 316 Broadway, New York, N. Y.
 Underwood Typewriter Co., New York, N. Y.
 Woodstock Typewriter Co., 35 N. Dearborn, Chicago, Ill.

TYPEWRITERS, ACCOUNTING

(See Machines, Bookkeeping)

474 TYPEWRITERS, PORTABLE

Pittsburgh Typewriter & Supply Co., 339 Fifth Ave., Pittsburgh, Pa.
 R. and R. Typewriter Co., Inc., 149 Church, New York, N. Y.
 Reliable Typewriter & Adding Machine Corp., 303 W. Monroe, Chicago, Ill.
 Remington Rand Business Service, Inc., 465 Wash- ington, Buffalo, N. Y.

475 TYPEWRITERS, REBUILT

American Writing Machine Co., 449 Central Ave., Newark, N. J.
 Lincoln Typewriter Co., 103 Chambers, New York, N. Y.
 R. and R. Typewriter Co., 149 Church, New York, N. Y.
 Shipman-Ward Mfg. Co., 4401 Ravenswood, Chicago, Ill.

476 TYPEWRITERS, TELEGRAPHIC

Morkrum Co., 1410 Wrightwood, Chicago, Ill.
 Teletype Corporation, 1400 Wrightwood Ave., Chicago, Ill.

WHY RENT TOWELS?

AIR DRY

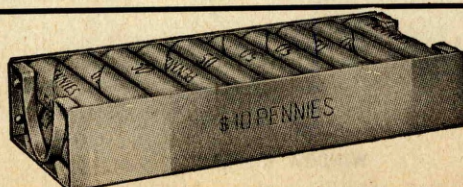
THE ELECTRIC TOWEL
 Continuous Towel Service at Low Cost
GENERAL UTILITIES MFG.CO.
 4058 Beaufait Street - Detroit, Mich.

Taylor Advertising
THERMOMETERS

A Complete Line, with an Extensive Price Range
 Write for Catalog

Taylor Brothers Company
 ROCHESTER, N. Y. U. S. A.

ALUMINUM
COIN TRAYS
 for wrapped coin



ARTHUR C. TAUCK & CO.
 20 Clinton St.,
 NEWARK, N. J.

V**VAULT ENGINEERS**

(See Vault Inspection)

VAULT EQUIPMENT

(See Equipment, Vault)

477 VAULT INSPECTION

BANK VAULT INSPECTION CO., 5 So. 18th,
 Philadelphia, Pa. (See our adv. on page 35G.)
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.

478 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.

479 VAULT STEPS

(See also Equipment Vault)

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

480 VAULTS

Cary Safe Co., 1200 Niagara, Buffalo, N. Y.
 Consolidated Expanded Metals Companies, Steel-
 crete Bldg., Wheeling, W. Va.

Diebold Safe & Lock Co., 818 Mulberry Rd., S. E.,
 Canton, Ohio.

Herring-Hall-Marvin Safe Co., Grand Blvd.,
 Hamilton, Ohio.

Mosler Safe Co., Hamilton, Ohio.

National Safe & Lock Co., E. 69th and Quincy,
 Cleveland, Ohio.

Norris Safe & Lock Co., 114 Third Ave., S., Seattle,
 Wash.

Remington Rand Business Service, Inc., 465 Wash-
 ington, 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.
 Sweetser & Baldwin Safe Co., 1800 S. Main, Los
 Angeles, Calif.

York Safe & Lock Co., York, Pa.

VENETIAN BLINDS

(See Blinds, Venetian)

481 VENTILATORS, VAULT

(See also Air Purifiers)

Gerdes, Theo. R. N., 105 Bank, New York, N. Y.
McCLINTOCK CO., O. B., 139 Lyndale Ave., N.,
 Minneapolis, Minn.

482 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 En-
 quirer Bldg., Cincinnati, O.

KARDEX DIVISION OF REMINGTON-RAND,
 Buffalo, N. Y.

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.

KARDEX DIVISION OF REMINGTON-RAND,
 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)

483 WALLETS, EXPANDING

Ames Safety Envelope Co., 55 Sudbury, Boston,
 Mass.

Bankers Envelope Co., 25 Cliff, New York, N. Y.

Berkowitz Envelope Co., 19th & Campbell, Kansas
 City, Mo.

Bushnell Co., Alvah, 13th & Wood, Philadelphia,
 Pa.

The Globe-Wernicke Co., Carthage Ave., Cin-
 cinnati, O.

Security Envelope Co., 2900 Fifth Ave., Minne-
 apolis, Minn.

484 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., Cleve-
 land, 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 Brigh-
 ton, Pa.

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

WASTE PAPER BALING MACHINES

(See Machines, Baling, Waste Paper)

WATCHMEN'S CLOCKS

(See Clocks, Watchmen's)

485 WATER COOLERS

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

486 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, Chi-
 cago, Ill.

WAX SEALS

(See Seals)

WICKETS

(See Grillwork)

WINDOW DISPLAYS

(See Advertising, Window Display)

WIRE SIGNS

(See Signs, Wire)

487 WIREWORK

Acme Wire and Iron Works, 12340 Cloverdale,
 Detroit, Mich.

American Iron & Wire Works, 1622 Carroll Ave.,
 Chicago, Ill.

Buffalo Wire Works Co., Inc., 577 Terrace, Buffalo,
 N. Y.

Newman Mfg. Co., 416-424 Elm, Cincinnati, Ohio.

Portland Wire & Iron Works, 294 Second, Portland,
 Ore.

Standard Iron & Wire Works, 510-12 E. 10th, Chat-
 tanooga, Tenn.

Tyler Co., The, W. S., 3615 Superior Ave., Cleve-
 land, O.

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

Wisconsin Iron & Wire Works, 1660 Booth, Mil-
 waukee, Wis.

488 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.

Nachtegall Mfg. Co., 237-45 S. Front, Grand
 Rapids, Mich.

Newman Mfg. Co., 416-424 Elm, 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., Roches-
 ter, N. Y.

489 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., Cleve-
 land, 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 Brigh-
 ton, 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)

BANK ATTORNEYS

BANKERS and other conservative business men prefer to refer their collections and other legal business to Bank attorneys.

You will find a specially selected list of Bank attorneys indexed in the back section of this publication.

Please mention the Bankers' Blue Book when sending collections to banks and attorneys listed therein.

The publishers will appreciate it, and such mention is an incentive to the receiver of your business to exert his best efforts to give you a prompt, careful and economical service.

FOR COLLECTIONS
Use the Rand McNally BANKERS DIRECTORY
and Selected List of Bank
ATTORNEYS

BANK SUPPLIES

KEEPING up customer service and keeping down unnecessary operating costs—this is, perhaps, the most acute problem of today in bank operation. It demands of the purchasing executive a wide acquaintance with sources of dependable and economical bank supplies. The best is generally the cheapest in the long run. You can broaden your market for quality products by studying the supply announcements in this Directory.

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	
2	Newspapers and Magazines (transient)	1 cent each 2 oz. or fraction—No wt. limit	May be Registered.
3	Merchandise and Printed Matter	1½ cents for each 2 ounces or fraction to 8 ounces inclusive	May be Registered or Insured or Sent C. O. D.
3	Except that— Books, Catalogues (24 pages or more), Seeds, Scions, Bulbs, Roots and Plants are	1 cent for each 2 ounces or fraction to 8 ounces inclusive	May be Registered or Insured or Sent C. O. D.
4	Merchandise, Printed Matter, Books, Catalogues, Seeds, Etc., weighing more than 8 ounces to 50 or 70 pounds	Zone or pound rates and conditions apply	May be Insured, sent C. O. D. and "Special Handling"—same as first class. 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, 1b.	0.01*	0.01	0.01	0.02	0.04	0.06	0.08	0.10	0.12

*Each additional 2 lbs.

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	Not exceeding \$ 2.50	5c	Indemnity not exceeding \$ 50.00	\$0.15
	Over 2, not over 10 pounds	Not exceeding 5.00	7c	Indemnity not exceeding 100.00	.20
	Over 10 pounds	Not exceeding 10.00	10c	Indemnity not exceeding 200.00	.30
OTHER CLASSES	2 pounds or less	Not exceeding 20.00	12c	Indemnity not exceeding 300.00	.40
	Over 2, not over 10 pounds	Not exceeding 40.00	15c	Indemnity not exceeding 400.00	.50
	Over 10 pounds	Not exceeding 60.00	18c	Indemnity not exceeding 500.00	.60
		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
		INSURANCE		C. O. D.	
		Indemnity not exceeding \$ 5.00	5c	Not exceeding \$ 10.00	12c
		Indemnity not exceeding 25.00	8c	Not exceeding 50.00	15c
		Indemnity not exceeding 50.00	10c	Not exceeding 100.00	25c
		Indemnity not exceeding 100.00	25c	Not exceeding 150.00	35c
		Indemnity not exceeding 150.00	30c	Not exceeding 200.00	45c
		Indemnity not exceeding 200.00	35c		
		Fee for return receipt	3 cents extra.		

"Special Delivery" must be so endorsed.

Special Delivery includes Special Handling.

SPECIAL HANDLING

FOURTH CLASS	2 pounds or less	10c
	Over 2, not over 10 pounds	15c
	Over 10 pounds	20c

"Special Handling" must be so endorsed.

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	Canary Islands	England	Newfoundland	Trinidad
Bahamas	Cayman Islands	Guatemala	New Zealand	(Including Tobago)
Balearic Islands	Chile	Haiti	Nicaragua	Turks Island
Bermudas	Colombia	Honduras	Paraguay	Uruguay
Bolivia	Cook Island	Ireland	Peru	Venezuela
Barbados	Costa Rica	Jamaica	Republic of Panama	Wales
Brazil	Cuba	Labrador	Salvador	Windward Islands (Including Grenada, St. Vincent, Grenadines, and St. Lucia)
British Guiana	Curaçao	Leeward Islands	Samoa W.	
British Honduras	Dominican Republic	Mexico	Scotland	
Canada	Dutch West Indies		Spain and Colonies	
Caicos Island	Ecuador			

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, Canada, Canary Islands, Chile, Colombia, Costa Rica, Cuba, Dominican Republic, Ecuador, Guatemala, Honduras, Mexico, Nicaragua, Panama, Paraguay, Peru, Salvador, Spain, Uruguay, Venezuela.

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

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, Czechoslovakia, Brazil, British Guiana, Bulgaria, Bolivia, China, Colombia, Chile, Costa Rica, 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, Luxemburg, Memel, Mexico, Monaco, Netherlands, Nicaragua, Norway, Palestine, Paraguay, Peru, Poland, Roumania, Russia, Salvatore, Sweden, Syria, Uruguay, Yugoslavia. Forty-four pounds to Germany, Switzerland, Austria, Belgium, Hungary and Liechtenstein. 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 vided 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 and Norway 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.

To all the other Pan-American countries the postage rate is 14 cents per pound.

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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 Branch Office, 708 Colorado Bldg., Washington, D. C.

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 Secretary and Treasurer, M. A. Vincentelli, president Alabama National Bank, Montgomery.

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In 1911 the American Bankers Association adopted what is known as the "Numerical Transit System," which has proved of great benefit to the banking world.

The Clearing House Section of the Association, realizing the necessity for a uniform system of bank numbers, called a meeting in Chicago, December 12 and 13, 1910, to evolve a plan and work out the details of numbering all the banks in the country. The Executive Council of the American Bankers Association at its meeting in Nashville, May 2, 1911, unanimously adopted the system devised by the committee and authorized the publication of the A. B. A. KEY BOOK containing the names of the banks and the numbers assigned.

EXPLANATION OF SYSTEM

The reserve cities were each designated by a prefix number, with the exception of Brooklyn, which was included with New York City, Kansas City, Kan., which was included with Kansas City, Mo., and South Omaha, which was included with Omaha. Buffalo, N. Y., and Memphis, Tenn., on account of their size and importance as banking centers were included with the reserve cities. The cities were numbered from 1 to 49, inclusive, in the order of their population according to the Government Census of 1910. The lower numbers were thus assigned to the larger cities.

The Treasurer and Assistant Treasurers of the United States and the Post Offices were also numbered in these cities.

The state prefix numbers, together with clearing house numbers, were used in numbering the banks in the largest city in each state other than the reserve cities, all other cities being designated by the use of the state prefix and the numbers given to the banks, which are continued in the relative order of the population of the cities in each state. Each bank is numbered in consecutive order according to seniority in each city or town, excepting in towns having only one bank, in which case the banks are numbered in alphabetical order according to towns.

Rand McNally & Co. of Chicago, publishers of the Key to Numerical System of The American Bankers Association, assign numbers to new banks as they are organized and supply, upon request, the number of any bank which does not appear in the Key, and in March and September each year publish and supply upon request, free of charge, supplements containing all changes which have taken place since any previous issue of the Key or of any supplement.

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NATIONAL AND STATE BANKERS' PROTECTIVE ASSOCIATION

President
Chas. De B. Claiborne
 Vice-President Whitney National Bank
 New Orleans, La.

Chairman Permanent Organization Committee
James S. Peters
 Vice-President Bank of Manchester
 Manchester, Ga.

General Secretary-Treasurer
F. R. Jones
 718 Throver Bldg., 10 Forsyth St., N. W.
 Atlanta, Ga.

HOW BIG IS ANY BANK?

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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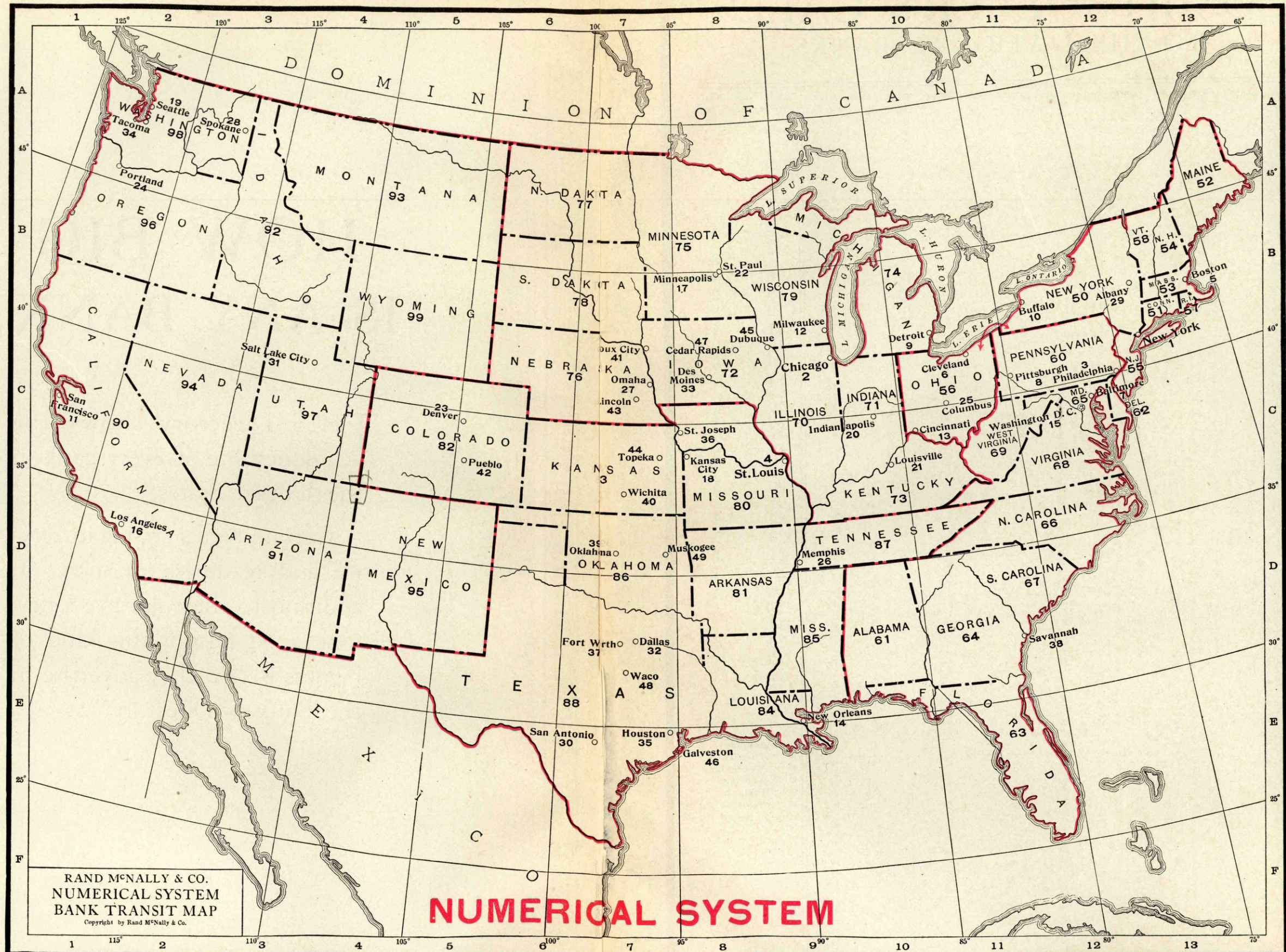
Prefix Numbers

CITIES

- 1 New York, N.Y.
- 2 Chicago, Ill.
- 3 Philadelphia, Pa.
- 4 St. Louis, Mo.
- 5 Boston, Mass.
- 6 Cleveland, Ohio
- 7 Baltimore, Md.
- 8 Pittsburgh, Pa.
- 9 Detroit, Mich.
- 10 Buffalo, N. Y.
- 11 San Francisco, Cal.
- 12 Milwaukee, Wis.
- 13 Cincinnati, Ohio
- 14 New Orleans, La.
- 15 Washington, D. C.
- 16 Los Angeles, Cal.
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- 19 Seattle, Wash.
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- 22 St. Paul, Minn.
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- 24 Portland, Ore.
- 25 Columbus, Ohio
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- 27 Omaha, Neb.
- 28 Spokane, Wash.
- 29 Albany, N. Y.
- 30 San Antonio, Tex.
- 31 Salt Lake City, Utah
- 32 Dallas, Tex.
- 33 Des Moines, Ia.
- 34 Tacoma, Wash.
- 35 Houston, Tex.
- 36 St. Joseph, Mo.
- 37 Ft. Worth, Tex.
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- 96 Oregon
- 97 Utah
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- 99 Wyoming



A. S. PRATT & SONS

WASHINGTON, D. C.

Trust Department — Accounting Systems

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		T	28 82	
1887			F		F			M		W		W	7 63	
1888		T	4 66	M	13 70	S				Th		W	12 69	1
1889		14 69		30 76	30 61		F		M	4 96		W	11 72	2
1890		26 76			13 76		12 60		30 80			F	19 78	3
1891		28 79			17 78		18 62			Th		W	2 68	4
1892		M			4 67		Th		F	2 76		W	9 70	5
1893		26 69			17 77		12 56		30 80			F	19 77	6
1894			T		Th		W			T		T	19 78	7
1895			M		4 59		12 69			3 83		W	19 78	8
1896		W			F		W			2 76		F	13 76	9
1897		28 71			T		Th		S			Th	17 72	10
1898			T		7 63		11 65		28 79			W	15 71	11
1899		F			Th		T			6 84		Th	1 72	12
1900		28 77			F		F			5 74		S	2 86	13
1901			T		14 66		Th		T			Th	13 99	14
1902		F			5 76		14 70		T			T	10 71	15
1903		18 65				F			20 68			W		16
1904		S			W		F		Th			T		17
1905		4 65			5 60		30 86		7 69			Th		18
1906		13 73			Th		F		W			W		19
1907		T			26 72		29 64		5 68			Th		20
1908		5 54			W		M		M			T		21
1909		25 77			30 74		W		30 77			W		22
1910		F			Th		T		15 61			T		23
1911		6 73			9 62		9 61		9 92			Th		24
1912	F		M				Th		T			Th		25
1913	22 66		28 66				9 73		6 89			W		26
1914	W		T		M							Th		27
1915	11 62		14 62		29 76							Th		28
1916	M				F		M		T			W		29
1917	29 81				6 67		18 73		4 78			M		30
1918	S		F									T		31
1919	26 75		22 55		M				Th			3 103		
1920		F			Th		W		W			F		
1921		14 73			14 90		15 62		23 70			T		
1922		F			W				W			W		
1923		5 70			23 56				1 70			T		
1924	M		T		Th				Th			Th		
1925	31 76		29 57		30 93				1 62			Th		
1926	S		T		W				F			T		
1927	7 58		7 59		7 92				1 86			W		
1928		T			F				4 82			T		
1929		20 77			14 57							26 83		
1930		Th			W				T					
1931		T			4 59				9 66			21 73		
1932	T		W									S		
1933	13 84		4 50		30 118				S			31 49		
1934			Th		S				Th			W		
1935			4 63		1 58				2 71			10 69		
1936			T		M				T			F		
1937			7 67		1 55				12 74			17 66		
1938			M		T				T			T		
1939			5 68		1 57				11 83			20 70		
1940			M		F							F		
1941			4 63		10 67				S			1 62		
1942			T		M				31 63			W		
1943			4 63		12 69							M		
1944					T							W		
1945		S			4 66							15 68		
1946		28 59			Th							S		
1947		M			28 66							F		
1948		21 54										29 105		
1949			F		F							M		
1950			10 69		5 56							31 108		
1951			T		S							W		
1952			3 95		30 88							Th		
1953					M							31 82		
1954			M		30 91							F		
1955			31 91		T							31 184		
1956					6 96							S		
1957			M		12 102							M		
1958			W									31 82		
1959			23 82		Th							31 89		
1960					30 99							T		
1961					S							31 88		
1962					30 123									
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2029														

*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, 1930

STATE	NAME	ADDRESS	STATE	NAME	ADDRESS
Ala.	D. F. Green, Supt. of Banks.	Montgomery.	Ga.	M. E. Sisk, Bank Examiner	Greensboro.
"	W. E. Henley, member of Banking Board.	Birmingham.	"	N. R. Henderson, Bank Examiner	Douglasville.
"	S. C. King, member of Banking Board.	Ensley.	"	O. G. Jackson, Bank Examiner	Atlanta.
"	J. O. Jordan, member of Banking Board.	Center.	"	R. Forrester, Bank Examiner	Montezuma.
"	Michael Cody, member of Banking Board.	Montgomery.	"	C. L. Gruver, Bank Examiner	Summit.
"	R. L. Faucett, General Liquidating Agent.	Prattville.	Idaho	E. W. Porter, Commissioner of Finance.	State Capitol Bldg.
"	C. H. Howle, Bank Examiner	Anniston.	"	J. R. Middleton, Chief Examiner	Boise.
"	T. F. Adams, Bank Examiner	Birmingham.	"	W. H. Horne, Examiner	Boise.
"	A. J. Smith, Bank Examiner	Montgomery.	"	G. H. Wylie, Examiner	Boise.
"	B. S. Gay, Bank Examiner	Montgomery.	"	E. R. Jones, Examiner	Boise.
"	J. H. Williams, Bank Examiner	Guntersville.	"	Wm. Mickelsen, Assistant Examiner	Boise.
"	G. H. Foote, Bank Examiner	Birmingham.	"	A. B. Wheeler, Assistant Examiner	Boise.
Ariz.	J. B. Button, Supt. of Banks.	Phoenix.	Illinois	Oscar Nelson, Auditor, Main Office, Capitol Bldg.	Springfield.
"	Clarence Cox, Chief Bank Examiner	Phoenix.	"	Chicago Office: 2600 Foreman National Bank Building, 33 N. La Salle St.	
"	A. C. McCain, Deputy Bank Examiner	Phoenix.	"	Geneva Office: 111 Unity Bldg.	
"	J. E. McCullough, Deputy Bank Examiner	Phoenix.	"	E. E. Nicholson, Chief Bank Examiner	Springfield.
"	A. T. Hammons, Inspector	Phoenix.	"	Justin Jaeger, Chief Bank Examiner, Northern Illinois Division	Geneva.
"	Minnie Seaman, Acct.-Stenographer	Phoenix.	"	F. A. Adams, Chief Bank Examiner, Central and Southern Division	Springfield.
Ark.	Walter L. Taylor, Bank Commissioner	Little Rock.	"	F. E. Edgerton, Chief Examiner, Cook Co. Div.	Chicago.
"	R. G. Dickinson, Asst. Bk. Commissioner in charge of Building & Loan Associations	Little Rock.	"	Ralph Fairbairn, Bank Examiner	Chicago.
"	J. W. Jarrett, Chief Bank Examiner	Little Rock.	"	Harrison Mathewson, Bank Examiner	Chicago.
"	Theo. P. Carson, Asst. Chief Bank Ex.	Little Rock.	"	John W. Cruden, Bank Examiner	Chicago.
"	Albert Sims, Bank Examiner	Little Rock.	"	A. E. Kimlin, Bank Examiner	Chicago.
"	G. H. Sexton, Bank Examiner	Little Rock.	"	H. E. Robertson, Bank Examiner	Chicago.
"	A. E. Cates, Bank Examiner	Little Rock.	"	F. A. Bach, Bank Examiner	Chicago.
"	Fay C. Rayburn, Asst. Bank Examiner	Little Rock.	"	C. W. Crabtree, Bank Examiner	Chicago.
Calif.	A. A. Rosenshine, Supt. of Banks	800 Hunter Dulin Bldg., 111 Sutter St., San F.	"	H. M. Durst, Bank Examiner	Chicago.
"	H. W. Albert, Bank Examiner	800 Hunter Dulin Bldg., 111 Sutter St., San F.	"	F. C. Maxne, Jr., Bank Examiner	Chicago.
"	F. B. Bailey, Bank Examiner	800 Hunter Dulin Bldg., 111 Sutter St., San F.	"	P. R. Wilkinson, Bank Examiner	Chicago.
"	C. E. Deskin, Bank Examiner	800 Hunter Dulin Bldg., 111 Sutter St., San F.	"	Frank Chew, Bank Examiner	Springfield.
"	John M. Gregory, Bank Examiner	800 Hunter Dulin Bldg., 111 Sutter St., San F.	"	Glen C. Hodges, Bank Examiner	Springfield.
"	Chas. J. Ledwith, Bank Examiner	800 Hunter Dulin Bldg., 111 Sutter St., San F.	"	O. A. James, Bank Examiner	Springfield.
"	C. A. Macpherson, Bank Examiner	800 Hunter Dulin Bldg., 111 Sutter St., San F.	"	J. L. Northrup, Bank Examiner	Springfield.
"	N. C. Matthews, Bank Examiner	800 Hunter Dulin Bldg., 111 Sutter St., San F.	"	J. E. Shearer, Bank Examiner	Springfield.
"	T. P. McKenna, Bank Examiner	800 Hunter Dulin Bldg., 111 Sutter St., San F.	"	W. C. Shy, Bank Examiner	Springfield.
"	Frank Neil, Bank Examiner	800 Hunter Dulin Bldg., 111 Sutter St., San F.	"	R. J. Silver, Bank Examiner	Springfield.
"	H. S. Taylor, Bank Examiner	800 Hunter Dulin Bldg., 111 Sutter St., San F.	"	W. R. Rodenberger, Bank Examiner	Springfield.
"	W. T. Werschull, Bank Examiner	800 Hunter Dulin Bldg., 111 Sutter St., San F.	"	J. A. Schoepel, Bank Examiner	Springfield.
"	John McPaul, Bank Examiner	1002 Associated Realty Bldg., Los A.	"	A. Ray Drennan, Bank Examiner	Springfield.
"	E. D. Backus, Bank Examiner	1002 Associated Realty Bldg., Los A.	"	W. E. Turner, Trust Examiner	Springfield.
"	R. C. Barth, Bank Examiner	1002 Associated Realty Bldg., Los A.	"	Theron W. Plant, Bank Examiner	Geneva.
"	Maurice H. Davis, Bank Examiner	1002 Associated Realty Bldg., Los A.	"	L. P. McAnaney, Bank Examiner	Geneva.
"	S. M. Matthews, Bank Examiner	1002 Associated Realty Bldg., Los A.	"	R. M. Wylder, Bank Examiner	Geneva.
"	E. E. Hauptert, Bank Examiner	1002 Associated Realty Bldg., Los A.	"	J. B. Lennon, Bank Examiner	Geneva.
Colo.	Grant McFerson, Bank Commissioner	125 State Office Bldg., Denver.	Ind.	Luther F. Symons, Bank Commissioner, Room 241 State House	Indianapolis & Lewisville.
"	Axel B. Olson, Chief Deputy Bank Com.	Denver.	"	Thos. D. Barr, Deputy Commissioner	Fairmount.
"	John Jepson, Deputy Bank Com.	Denver.	"	C. M. Lawrence, Bank Examiner	Princeton.
"	R. L. Bloss, Deputy Bank Com.	Denver.	"	S. P. Good, Bank Examiner	Warren.
"	Walter J. Nelson, Deputy Bank Com.	Denver.	"	J. W. Parrett, Bank Examiner	Indianapolis.
Conn.	Lester E. Shippee, Commissioner	East Killingly.	"	Harold Cox, Bank Examiner	Aigos.
"	R. Gordon Baldwin, Deputy Com.	Bristol.	"	Joe E. McCord, Bank Examiner	Logosotee.
"	Wm. P. Landon, Mgr. Bond Dept.	Hartford.	"	T. G. Inwood, Bank Examiner	Thorntown.
"	A. F. Austin, Bank Examiner	Torrington.	"	J. E. Myer, Bank Examiner	Hammond.
"	Frank E. Irving, Bank Examiner	Bridgeport.	"	S. G. Bovard, Bank Examiner	Dupont.
"	George W. Austin, Bank Examiner	Hartford.	"	J. E. Grable, Bank Examiner	Churubusco.
"	Eward R. Barlow, Bank Examiner	Waterbury.	"	R. H. Wertenberger, Bank Examiner	Roan.
"	Harold P. Splain, Assistant to the Com.	New Haven.	Iowa	L. A. Andrew, Supt. of Banking	State House, Des Moines.
"	Ralph R. MacKinnel, Bank Examiner	East Haven.	"	W. O. Reed, Deputy Supt.	Des Moines.
"	Stanley F. MacKinnel, Bank Examiner	New Britain.	"	C. W. Enyart, Director of Receiverships	Des Moines.
"	George B. Hotchkiss, Bank Examiner	Hartford.	"	Carl Trout, Examiner	Ottumwa.
"	Burnham S. Gould, Bank Examiner	Hartford.	"	F. W. Bloxham, Examiner	Mason City.
"	Lynwood K. Elmore, Bank Examiner	East Hartford.	"	F. W. Walsmith, Examiner	Cedar Rapids.
"	Alfred B. Taravella, Bank Examiner	Windsor Locks.	"	R. R. Blair, Examiner	Waterloo.
"	Thomas J. Convery, Bank Examiner	Stamford.	"	L. H. Jurgenever, Examiner	Sheldon.
"	Richard Rapport, Bank Examiner	Hartford.	"	B. H. Wood, Examiner	Perry.
"	Reinhard Bardeck, Bank Examiner	New Britain.	"	V. O. Figue, Examiner	Des Moines.
"	Victor F. Mackenzie, Bank Examiner	Waterbury.	"	L. D. Beckett, Examiner	Northwood.
"	Milton T. Gaines, Bank Examiner	Glastonbury.	"	Walter Light, Examiner	West Liberty.
"	Gerald C. Low, Bank Examiner	Watertown.	"	H. R. Jackson, Examiner	Spencer.
"	Wm. W. Prout, Bank Examiner	Windsor.	"	C. Ed. Beman, Jr., Examiner	Des Moines.
"	E. Gorton Rogers, Bank Examiner	New London.	"	F. A. Lettow, Examiner	Council Bluffs.
"	Henry C. Evener, Bank Examiner	Hartford.	"	G. S. Krouth, Examiner	Iowa City.
"	Harold A. Williams, Bank Examiner	Middletown.	"	H. B. Dresler, Examiner	Des Moines.
"	Douglas T. Boddie, Bank Examiner	Redding.	"	S. T. Egerton, Examiner	Estherville.
Del.	Harold W. Horsey, State Bank Com.	State House, Dover.	"	C. D. Emmert, Assistant Examiner	Red Oak.
"	Ira Lewis, Deputy Bank Com.	Bridgeville.	"	E. R. Millard, Assistant Examiner	Waterloo.
Fla.	Ernest Amos, Comptroller	Tallahassee.	"	C. S. Johnson, Assistant Examiner	Des Moines.
"	W. M. McIntosh, Jr., General Chief Clerk	Tallahassee.	Kansas	H. W. Koenek, Bank Commissioner	Topeka.
"	R. A. Gray, Asst. to the Comptroller	Tallahassee.	"	T. J. Rhodes, Asst. Bank Com.	Topeka.
"	F. C. Cole, Banking Clerk	Tallahassee.	"	Dale R. Ainsworth, First Special Asst. Bank Com.	Topeka.
"	J. E. Perkins, Bank Examiner	Tallahassee.	"	R. J. Arbutnot, Deputy Bank Com.	Hutchinson.
"	E. M. Porter, Chief Bank Examiner	Tallahassee.	"	L. C. Christenson, Deputy Bank Com.	Topeka.
"	T. C. Hawkins, Bank Examiner	Miami.	"	H. B. Eagle, Deputy Bank Com.	Topeka.
"	G. C. White, Bank Examiner	Starke.	"	John R. Emery, Deputy Bank Com.	Fredonia.
"	A. W. Saarinen, Bank Examiner	Tallahassee.	"	C. F. Gilpin, Chief Examiner	Topeka.
"	R. F. Rogers Jr., Bank Examiner	Dunnellon.	"	R. Keesling, Deputy Bank Com.	Wichita.
"	Sherman Drawdy, Bank Examiner	Leesburg.	"	L. E. Mauck, Deputy Bank Com.	Lyons.
"	E. P. Jackson, Bank Examiner	Tallahassee.	"	K. O. Munson, Deputy Bank Com.	Topeka.
"	R. S. Adams, Building & Loan Ass'n Examiner	Miami.	"	H. F. Nelson, Deputy Bank Com.	Hutchinson.
"	H. O. Bennett, Bldg. & Ln. Examiner	Ocala.	"	Roy F. O'Brien, Deputy Bank Com.	Salina.
"	L. E. Etherage, Bk. Examiner	De Soto City.	"	T. Clarke Key, Deputy Bank Com.	Russell.
"	L. E. Fenn, Bank Examiner	Plant City.	"	E. D. Land, Deputy Bank Com.	Iola.
Ga.	A. B. Mobley, Supt. of Banks	7 State Capital Bldg., Atlanta.	"	R. B. Schwartz, Deputy Bank Com.	Topeka.
"	W. J. Davis, Asst. Supt. of Banks	Atlanta.	"	C. W. Starr, Deputy Bank Com.	Long Island.
"	E. B. Douglass, Bank Examiner	Talbotton.	"	A. E. Von Trebra, Deputy Bank Com.	Manhattan.
"	W. D. Lloyd, Bank Examiner	Tallapoosa.	"	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.	O. S. Denny, Banking Com.	Frankfort.
			"	W. A. Dicken, Deputy Banking Com.	Frankfort.
			"	W. D. Archibald, Bank Examiner	Louisville.
			"	J. C. Pickerill, Bank Examiner	Leitchfield.
			"	E. H. Short, Bank Examiner	Tompkinsville.
			"	J. Bryan Smith, Bank Examiner	Hindman.
			"	J. C. Flener, Bank Examiner	Morgantown.
			"	A. G. Mainous, Bldg. & Ln. Examiner	Georgetown.
			"	K. A. Perkins, Bank Examiner	Harrodsburg.
			"	J. L. Hopper, Bank Examiner	Barbourville.
			La.	J. S. Brock, State Bank Com.	807 American Bank Bldg., New Orleans.
			"	O. H. Pittman, Chief Bank Examiner	New Orleans.
			"	S. M. Richard, Bank Examiner	New Orleans.
			"	M. Finnegan, Bank Examiner	New Orleans.
			"	Louis Buckner, Bank Examiner	Shreveport.
			"	W. E. Wood, Asst. Supervisor	New Orleans.
			"	E. L. Chaney, Bank Examiner	New Orleans.
			"	A. F. Babin, Bank Examiner	New Orleans.

STATE BANK OFFICIALS AND EXAMINERS—Continued

STATE	NAME	ADDRESS	STATE	NAME	ADDRESS
La. (cont.)	P. C. Mosely, Bank Examiner	New Orleans.	Mich.	R. A. Carroll, Bank Examiner	Battle Creek.
"	M. F. Harlan, Bank Examiner	New Orleans.	"	F. H. Coward, Bank Examiner	Webberville.
"	J. B. Hill, Examiner	New Orleans.	"	W. B. Detweiler, Bank Examiner	St. Clair.
"	W. C. Evans, Examiner	New Orleans.	"	C. A. Fors, Bank Examiner	Lansing.
"	J. W. Monroe, Examiner	New Orleans.	"	I. H. Hamilton, Bank Examiner	Ludington.
Maine.	Sanger N. Annis, Bank Commissioner	Augusta.	"	L. D. Rose, Bank Examiner	Bay City.
"	J. Franklin Anderson, Deputy Bank Com.	Gardiner.	"	R. I. Hudson, Bank Examiner	Decatur.
"	T. Frank Parker, Senior Examiner	Belfast.	"	Fred Marin, Bank Examiner	Ann Arbor.
"	Ernest C. Stinson, Examiner	Bangor.	"	E. G. McGugan, Bank Examiner	Quincy.
"	Harold W. Lord, Examiner	Brewer.	"	B. W. Preston, Bank Examiner	Charlotte.
"	Edgar M. Goodrich, Examiner	Hampden.	"	B. G. Taylor, Bank Examiner	Sault Ste. Marie.
"	Walter E. Frank, Asst. Examiner	Cumberland Mills.	"	R. P. Teeters, Bank Examiner	Henderson.
"	David B. Moody, Asst. Examiner	Belfast.	"	Leo Spencer, Bank Examiner	St. Clair.
"	Morton P. Garland, Asst. Examiner	Buckfield.	"	C. G. Sherk, Jr., Bank Examiner	Litchfield.
"	George H. Young, Assistant Examiner	Portland.	"	Peter Talentino, Bank Examiner	Laurium.
"	Leroy Collins, Asst. Examiner	Lewiston.	"	A. W. Woolsey, Bank Examiner	Lansing.
"	Annie R. Norman, Clerk	Augusta.	"	R. A. Bengt, Asst. Bank Examiner	Battle Creek.
"	F. Bernice Standish, Clerk	Gardiner.	"	F. B. Campbell, Asst. Bank Examiner	Caro.
Md.	Geo. W. Page, Bank Com., Sixth Floor Union Trust Bldg., cor. Charles and Fayette Sts.	Baltimore.	"	R. E. Crimmins, Asst. Bank Examiner	Fordson.
"	John D. Hopelhorn, Deputy Bank Com., Union Trust Bldg.	Baltimore.	"	R. M. Daane, Asst. Bank Examiner	Grand Rapids.
"	Wm. J. Gerbig, Senior Examiner, Union Trust Bldg.	Baltimore.	"	L. M. Fenton, Asst. Bank Examiner	Port Huron.
"	H. E. Meeks, Senior Examiner, Union Trust Bldg.	Baltimore.	"	W. F. Henry, Asst. Bank Examiner	Mecosta.
"	O. P. Comegys, Senior Examiner, Union Trust Bldg.	Baltimore.	"	R. J. Hodgson, Asst. Bank Examiner	Ann Arbor.
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"	V. C. Harrison, Junior Examiner, Union Trust Bldg.	Baltimore.	"	C. H. Hewitt, Asst. Bank Examiner	Owosso.
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"	W. A. Warren, Junior Bank Examiner	Newton.	"	A. E. Williamson, Deputy State Examiner	Missoula.
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"	Donald M. Williams, Junior Bk. Exam.	Newton Highlands.	"	R. A. Lathom, Deputy State Examiner	Great Falls.
"	B. F. Wood, Junior Bank Examiner	Brighton.	Neb.	Clarence G. Bliss, Secretary, Department of Trade and Commerce	State Capitol Bldg. Lincoln.
"	Leslie M. Woodward, Junior Bank Exam.	Arlington Heights.	"	Geo. W. Woods, Bank Commissioner, Department of Trade and Commerce, State Capitol Bldg.	Lincoln.
"	George F. Powers, Senior Credit Exam.	Arlington.	"	Merle N. Foster, Chief Examiner, Dept. of Trade and Commerce	State Capitol Bldg. Lincoln.
"	John W. Slye, Senior Credit Exam.	Malden.	"	Fred E. Allen, Bank Examiner	Lincoln.
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"	A. Welwood, Asst. Credit Examiner	Alston.	"	J. Y. Castle, Bank Examiner	Grand Island.
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"	K. H. Butters, Bank Examiner	Bay City.	"	M. K. Van Horne, Bank Examiner	Neligh.

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STATE	NAME	ADDRESS	STATE	NAME	ADDRESS
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(Cont.)	John J. Aron, Building and Loan Examiner—Trust Co. Examiner.....	Lincoln.	(Cont.)	Margaret E. Kennedy, Bank Examiner.....	51 Chambers St., N.Y.
"	H. Y. Davis, Building and Loan Examiner—Trust Co. Examiner.....	Lincoln.	"	James A. Sheeran, Bank Examiner.....	51 Chambers St., N.Y.
"	Wade Munn, Building and Loan Examiner—Trust Co. Examiner.....	Lincoln.	"	Henry J. Nauer, Bank Examiner.....	51 Chambers St., N.Y.
"	Tewes Rohlf, Building and Loan Examiner—Trust Co. Examiner.....	Omaha.	"	A. Charles Ruocco, Bank Examiner.....	51 Chambers St., N.Y.
Nev.	E. J. Seaborn, Bank Examiner.....	Carson City.	"	John Lacke, Bank Examiner.....	51 Chambers St., N.Y.
N. H.	Arthur E. Dole, Commissioner.....	State House, Concord.	"	Francis J. Ludeman, Bank Examiner.....	51 Chambers St., N.Y.
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N. J.	G. Hayes Markley, Deputy Com.....	Westfield.	"	Michael A. Kearns, Bank Examiner.....	51 Chambers St., N.Y.
"	Robert B. Allardice, Senior Bank Exam.....	Westfield.	"	Charles R. Johnson, Bank Examiner.....	51 Chambers St., N.Y.
"	A. S. Amerman, Senior Bank Examiner.....	Trenton.	"	William Taner, Bank Examiner.....	51 Chambers St., N.Y.
"	Frank H. Betz, Senior Bank Examiner.....	Trenton.	"	Francis A. Florin, Bank Examiner.....	51 Chambers St., N.Y.
"	George Compton, Senior Bank Examiner.....	Trenton.	"	Arthur W. Dahl, Bank Examiner.....	51 Chambers St., N.Y.
"	John T. Connolly, Senior Bank Examiner.....	Trenton.	"	Raymond F. Garraty, Bank Examiner.....	51 Chambers St., N.Y.
"	George A. McLaughlin, Senior Bk Examiner.....	Bordentown.	"	Scudder D. Gildersleeve, Bank Examiner.....	51 Chambers St., N.Y.
"	Robert F. Minch, Senior Bank Examiner.....	Bridgeton.	"	James McWilliams, Bank Examiner.....	51 Chambers St., N.Y.
"	Verner D. Peer, Senior Bank Examiner.....	Summit.	"	Clarence F. Hartig, Bank Examiner.....	51 Chambers St., N.Y.
"	Harry Prosser, Senior Bank Examiner.....	East Orange.	"	Charles R. Murray, Bank Examiner.....	51 Chambers St., N.Y.
"	Theodore B. Furman, Senior Bank Exam.....	East Orange.	"	Alister W. D. Steele, Bank Examiner.....	51 Chambers St., N.Y.
"	Edw. B. Snook, Senior Bank Examiner.....	Princeton.	"	Leslie W. Wintsch, Bank Examiner.....	51 Chambers St., N.Y.
"	John M. Baker, Junior Bank Examiner.....	Trenton.	"	Patrick J. McConnell, Bank Examiner.....	51 Chambers St., N.Y.
"	Franklin W. Bright, Junior Bank Exam.....	Rutherford.	"	Sylvio C. Marolda, Bank Examiner.....	51 Chambers St., N.Y.
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"	Edward M. Field, Junior Bank Examiner.....	Elizabeth.	"	William Breslau, Bank Examiner.....	51 Chambers St., N.Y.
"	Walter B. Firman, Junior Bank Exam.....	Trenton.	"	Walter E. Riddle, Bank Examiner.....	51 Chambers St., N.Y.
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"	D. O. Stably, Junior Bank Examiner.....	Summit.	"	D. M. Darden, Bank Examiner.....	Raleigh.
"	William M. Struble, Junior Bank Exam.....	Belleville.	"	L. H. Harrison, Asst. Bank Examiner.....	Raleigh.
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N. M.	Lawrence A. Tamme, State Bank Exam.....	Capitol Bldg., Santa Fe.	"	Jno. A. Campbell, Jr., Asst. Bank Exam.....	Raleigh.
"	A. M. Richardson, Deputy State Bk. Ex.....	Santa Fe.	"	B. R. Roberts, Asst. Bank Examiner.....	Raleigh.
"	Jacob Stapleton, Deputy State Bk. Exam.....	Santa Fe.	"	J. B. Carson, Asst. Bank Examiner.....	Raleigh.
"	Justo Lucero, Special Asst. Blue-Sky Dept.....	Santa Fe.	"	J. E. Bobbitt, Clerk-Examiner.....	Raleigh.
N. Y.	Joseph A. Broderick, Supt., State of New York Capitol.....	Albany, N. Y.	N. D.	Gilbert Semington, State Examiner.....	Bismarck.
"	George A. Coleman, 2d Deputy.....	Albany.	"	J. M. Shirek, Office Deputy.....	Bismarck.
"	R. W. Pawling, 3d Deputy.....	Albany.	"	R. S. See, Deputy Examiner.....	Minot.
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"	Geo. J. Riedel, Bank Examiner.....	51 Chambers St., N.Y.	Okl.	C. G. Shull, Bank Commissioner, State Capitol Bldg.....	Oklahoma City.
"	Geo. A. Porter, Bank Examiner.....	51 Chambers St., N.Y.	"	C. J. Alexander, Asst. Bank Commissioner, State Capitol Bldg.....	Oklahoma City.
"	Edward Zimmerman, Jr., Bank Examiner.....	51 Chambers St., N.Y.	"	J. D. Pennington, Bank Examiner, State Capitol Bldg.....	Oklahoma City.
"	Walter H. Wiesner, Bank Examiner.....	51 Chambers St., N.Y.	"	W. C. Ernest, Bank Examiner, State Capitol Building.....	Oklahoma City.
"	Bernard J. Hirschfield, Bank Examiner.....	51 Chambers St., N.Y.	"	H. H. Hinkle, Bank Examiner.....	Hugo.
"	A. O. Johnson, Bank Examiner.....	51 Chambers St., N.Y.	"	E. E. Wilson, Bank Examiner.....	Oklahoma City.
"	Gerald R. Dorman, Bank Examiner.....	51 Chambers St., N.Y.	"	W. R. Samuel, Bank Examiner.....	Oklahoma City.
"	Robert A. Barnet, Jr., Bank Examiner.....	51 Chambers St., N.Y.	"	M. C. Trimble, Bank Examiner.....	Shawnee.
"	Thomas Martinus, Bank Examiner.....	51 Chambers St., N.Y.	"	C. B. Markham, Bank Examiner.....	Pryor.
"	Joseph B. Zweifel, Bank Examiner.....	51 Chambers St., N.Y.	"	Tom G. Taylor, Bank Examiner.....	Oklahoma City.
"	John C. Dieckert, Bank Examiner.....	51 Chambers St., N.Y.	"	R. A. Patton, Bank Examiner.....	Claremore.
"	John D. Hamilton, Bank Examiner.....	51 Chambers St., N.Y.	"	W. E. Clark, Bank Examiner.....	Enid.
"	H. R. MacEwen, Bank Examiner.....	51 Chambers St., N.Y.	"	E. C. Gay, Building & Loan Auditor.....	Oklahoma City.
"	John F. McCloskey, Bank Examiner.....	51 Chambers St., N.Y.	Ore.	A. A. Schramm, Supt. of Banks.....	Salem.
"	Arthur J. Ruhle, Bank Examiner.....	51 Chambers St., N.Y.	"	Tinkham Gilbert, Asst. Supt. of Banks.....	Salem.
"	Robert E. Pratt, Bank Examiner.....	51 Chambers St., N.Y.	"	H. O. Voget, Examiner.....	Portland.
"	Wm. De C. White, Bank Examiner.....	51 Chambers St., N.Y.	"	Herbert F. Clarke, Examiner.....	Portland.
"	Roger F. Molloy, Bank Examiner.....	51 Chambers St., N.Y.	"	M. W. Starbuck, Examiner.....	Portland.
"	Edward F. X. Wolfe, Bank Examiner.....	51 Chambers St., N.Y.	"	George E. Cusick, Asst. Examiner.....	Portland.
"	Paul Y. Liehr, Bank Examiner.....	51 Chambers St., N.Y.	"	E. T. Way, Asst. Examiner.....	Salem.
"	John J. Cavanaugh, Bank Examiner.....	51 Chambers St., N.Y.	"	O. J. Smith, Secretary.....	Salem.
"	Robert E. Chellis, Bank Examiner.....	51 Chambers St., N.Y.	"	S. M. Laws, Statistician.....	Salem.
"	D. Cushman, Bank Examiner.....	51 Chambers St., N.Y.			
"	Edmond W. Browne, Bank Examiner.....	51 Chambers St., N.Y.			
"	Joseph V. Mullaly, Bank Examiner.....	51 Chambers St., N.Y.			

STATE BANK OFFICIALS AND EXAMINERS—Continued

STATE	NAME	ADDRESS	STATE	NAME	ADDRESS
Pa.	Peter G. Cameron, Secretary of Banking.	Harrisburg.	S. D.	F. S. Barber, Bank Examiner	Pierre.
"	State Capitol Bldg.	Harrisburg.	(Cont.)	G. J. McGregor, Bank Examiner	Pierre.
"	James A. Taylor, First Deputy Secretary	Harrisburg.	Tenn.	H. L. Grigsby, Supt. of Banks	512-14 Bennie Dillon Bldg., Nashville.
"	Frank W. Jackson, Special Deputy	Pittsburgh.	"	W. Roy Smith, Deputy & Chief Clerk	Nashville.
"	Wm. R. Smith, Special Deputy	Philadelphia.	"	H. G. Bratton, Bank Examiner	Memphis.
"	Walter E. Burns, Deputy Secretary	Harrisburg.	"	I. H. Wilson, Bank Examiner	Nashville.
"	E. J. Sitgreaves, Deputy Secretary	Harrisburg.	"	J. M. Davis, Bank Examiner	Lawrenceburg
"	H. H. Eshbach, Chief, Bureau of Bldg. & Loan Associations.	Harrisburg.	"	P. H. Callahan, Bank Examiner	Athens.
"	John P. Volk, Asst. Supervisor, Bldg. & Loan Associations.	Harrisburg.	"	S. E. Wallace, Bank Examiner	Nashville.
"	Laurence C. Glass, Chief Clerk	Harrisburg.	"	H. B. Clarke, Bank Examiner	Morristown.
"	George H. Orth, Chief, Bureau of Private Banks	Harrisburg.	"	J. D. Smith, Bank Examiner	Milan.
"	Albert J. Allison, Jr., Bank Examiner	Pittsburgh.	"	W. A. Dance, Bank Examiner	Knoxville.
"	R. Harold Auen, Bank Examiner	Pittsburgh.	Texas	James Shaw, Banking Commissioner	State Capitol, Austin
"	J. W. Barrett, Bank Examiner	Wilkes-Barre.	"	J. E. Roberts, Deputy Commissioner	State Capitol, Austin
"	Chas. K. Booda, Bank Examiner	Philadelphia.	"	F. C. Branson, Bank Examiner	Bryan.
"	A. Rise Bowman, Bank Examiner	Philadelphia.	"	O. B. Chapoton, Bank Examiner	San Antonio.
"	Christian H. Brandt, Bank Examiner	Harrisburg.	"	L. J. Davis, Bank Examiner	Marlin.
"	Walter C. Brenneis, Bank Examiner	Pittsburgh.	"	W. W. Dees, Bank Examiner	Victoria.
"	Chas. V. Brown, Bank Examiner	Philadelphia.	"	W. N. Greer, Bank Examiner	Houston.
"	Earl D. Buck, Bank Examiner	Wilkes-Barre.	"	E. E. Hamilton, Bank Examiner	Corsicana.
"	R. B. Carmany, Bank Examiner	Harrisburg.	"	C. S. Holderness, Bank Examiner	Greenville.
"	Wm. V. Davies, Bank Examiner	Philadelphia.	"	M. E. Hulsey, Bank Examiner	Dallas.
"	Fred K. Denison, Bank Examiner	Philadelphia.	"	E. W. Jamison, Bank Examiner	San Angelo.
"	Thomas Dixon, Bank Examiner	Philadelphia.	"	Will C. Jones, Jr., Bank Examiner	Harlingen.
"	Robert W. Doty, Chief Bank Examiner	Philadelphia.	"	J. T. McMillin, Bank Examiner	Dallas.
"	Robert C. Enders, Bank Examiner	Harrisburg.	"	G. A. Swaim, Bank Examiner	Amarillo.
"	Robert G. Felix, Bank Examiner	Philadelphia.	"	Claud R. Truett, Bank Examiner	Whitewright.
"	Robert P. Ferguson, Chief Bank Exam.	Wilkes-Barre.	Utah	W. H. Hadlock, Bank Commissioner, Room 217, State Capitol Bldg.	Salt Lake City.
"	W. Clifford Perry, Bank Examiner	Pittsburgh.	"	R. S. Jones, Chief Examiner	Salt Lake City.
"	Wayne V. Frye, Bank Examiner	Pittsburgh.	"	Chesley Barton, Bank Examiner	Salt Lake City.
"	J. Allen Gebhard, Bank Examiner	Harrisburg.	"	E. C. Robbins, Bank Examiner	Salt Lake City.
"	Frank Glatfelter, Bank Examiner	Philadelphia.	Vt.	R. C. Clark, Bank Commissioner, State St.	Montpelier.
"	Raymond H. Gorsuch, Bank Examiner	Pittsburgh.	"	Jessie A. Watkins, Chief Clerk	Montpelier.
"	Wm. H. Gross, Bank Examiner	Pittsburgh.	"	L. H. Lavalley, Bank Examiner	Rutland.
"	Frederick C. Halliwell, Bank Examiner	Philadelphia.	"	R. D. Watkins, Bank Examiner	Barre.
"	Joseph R. Harkness, Jr., Bank Examiner	Pittsburgh.	"	R. L. Kelleher, Bank Examiner	Montpelier.
"	U. Shuman Hart, Bank Examiner	Wilkes-Barre.	Va.	M. E. Bristow, Com. of Ins. & Banking,	1010 State Office Bldg.
"	C. C. Headland, Bank Examiner	Pittsburgh.	"	L. R. Ritchie, Examiner	Richmond.
"	R. K. Houck, Bank Examiner	Pittsburgh.	"	B. J. Woodward, Examiner	Richmond.
"	Harold T. Houston, Bank Examiner	Pittsburgh.	"	E. J. Smith, Examiner	Richmond.
"	T. Earl Hutchinson, Bank Examiner	Philadelphia.	"	R. T. Short, Examiner	Lawrenceville.
"	Elliot D. Jones, Bank Examiner	Wilkes-Barre.	"	D. T. Zentmeyer, Asst. Examiner	Roanoke.
"	Elwood H. Keithan, Bank Examiner	Philadelphia.	"	W. D. Blanks, Bank Examiner	Blacksburg.
"	Ralph W. Knowles, Bank Examiner	Philadelphia.	"	C. P. Justis, Asst. Bank Examiner	Blacksburg.
"	C. P. T. Lancaster, Bank Examiner	Pittsburgh.	"	R. F. B. Steele, Asst. Examiner	Appomattox.
"	R. F. Landis, Bank Examiner	Harrisburg.	"	Lacy K. Wood, Asst. Examiner	Norfolk.
"	R. S. Landis, Bank Examiner	Philadelphia.	"	W. S. Rendleman, Asst. Examiner	Danville.
"	M. J. Lavin, Bank Examiner	Wilkes-Barre.	"	G. Harwood Bates, Asst. Examiner	Richmond.
"	A. V. Lees, Bank Examiner	Philadelphia.	Wash.	H. C. Johnson, Supervisor of Banking	Olympia.
"	W. Dittich Levy, Bank Examiner	Philadelphia.	"	S. Zeno Varnes, Deputy Supervisor of Bkg. Olympia.	Olympia.
"	Ralph Lischy, Bank Examiner	Philadelphia.	"	C. S. Moody, Asst. Supervisor of Banking	Olympia.
"	Wm. J. McCuen, Bank Examiner	Wilkes-Barre.	"	H. S. Wilson, Bank Examiner	Spokane.
"	Howard A. McCullough, Bank Examiner	Philadelphia.	"	A. L. Cryor, Bank Examiner	Spokane.
"	Thos. P. McGarrity, Bank Examiner	Philadelphia.	"	Geo. H. Jackson, Bank Examiner	Seattle.
"	J. H. McLaughlin, Bank Examiner	Pittsburgh.	"	A. J. Cotton, Bank Examiner	Longview.
"	Jos. F. Malott, Bank Examiner	Philadelphia.	"	O. Williams, Bank Examiner	Seattle.
"	Ondree H. Marsh, Bank Examiner	Wilkes-Barre.	"	L. J. Esslinger, Bank Examiner	Yakima.
"	Chas. B. Matsinger, Bank Examiner	Wilkes-Barre.	"	G. M. Lewis, Asst. Bank Examiner	Olympia.
"	Raymond A. Mayer, Bank Examiner	Philadelphia.	W. Va.	L. R. Charter, Jr., Com. of Banking	Charleston.
"	John L. Meighen, Bank Examiner	Pittsburgh.	"	E. L. Morrison, Receiver	Charleston.
"	James M. Miller, Bank Examiner	Pittsburgh.	"	W. R. Seal, Examiner	Charleston.
"	J. Stanley Miller, Bank Examiner	Wilkes-Barre.	"	Marion Workman, Examiner	Keyser.
"	Paul H. Miller, Bank Examiner	Pittsburgh.	"	John J. Nash, Examiner	Huntington.
"	Howard A. Neid, Bank Examiner	Philadelphia.	"	Helen S. Barringer, Secretary	Charleston.
"	John L. O'Harrow, Bank Examiner	Philadelphia.	"	Alta Wagner, Asst. Secretary	Charleston.
"	G. B. Osborne, Bank Examiner	Pittsburgh.	"	W. Ray Tabler, Receiver	Clarksburg.
"	C. Edwin Payne, Bank Examiner	Wilkes-Barre.	"	P. H. White, Asst. Receiver	Clarksburg.
"	Edward J. Price, Bank Examiner	Pittsburgh.	"	L. D. Griffin, Examiner	Clarksburg.
"	Elmer D. Reinert, Bank Examiner	Philadelphia.	"	O. S. Summers, Examiner	Clendenin.
"	Ralph W. Reitzel, Bank Examiner	Wilkes-Barre.	"	C. F. Smith, Examiner	West Union.
"	Ralph S. Ruth, Bank Examiner	Philadelphia.	"	Paul Sayre, Examiner	Grafton.
"	Charles K. Scheffter, Bank Examiner	Pittsburgh.	"	C. E. Lawhead, Examiner	Pt. Pleasant.
"	Chas. E. Schruicker, Bank Examiner	Philadelphia.	Wis.	C. F. Schwenker, Commissioner	State Capitol Bldg.
"	H. L. Scott, Bank Examiner	Pittsburgh.	"	W. H. Richards, Deputy Com.	Madison.
"	Wm. C. Selsor, Bank Examiner	Philadelphia.	"	Thomas Herreid, Chief Examiner	Madison.
"	R. H. Shick, Bank Examiner	Pittsburgh.	"	C. P. Diggles, Supervisor	Madison.
"	Geo. T. Sloan, Bank Examiner	Pittsburgh.	"	C. E. Butters, Chief Clerk	Madison.
"	Charles W. Snyder, Bank Examiner	Harrisburg.	"	R. B. Ellis, Bank Examiner	Madison.
"	Wm. H. Soule, Bank Examiner	Philadelphia.	"	Chas. T. Shape, Bank Examiner	Milwaukee.
"	Roy E. Stahl, Bank Examiner	Wilkes-Barre.	"	W. C. Edwards, Bank Examiner	Madison.
"	Wm. R. Steckley, Bank Examiner	Harrisburg.	"	G. W. Jamieson, Bank Examiner	Madison.
"	Chas. A. Steele, Bank Examiner	Pittsburgh.	"	I. E. Backus, Bank Examiner	Madison.
"	Raymond R. Stoner, Bank Examiner	Wilkes-Barre.	"	Geo. O. Poundstone, Bank Examiner	Madison.
"	Chas. G. Strang, Bank Examiner	Pittsburgh.	"	E. F. Witzig, Bank Examiner	Eau Claire.
"	Frank S. Strite, Bank Examiner	Philadelphia.	"	S. N. Schafer, Bank Examiner	Green Bay.
"	Donald H. Strong, Bank Examiner	Philadelphia.	"	G. A. Shape, Bank Examiner	Madison.
"	George M. Stroud, Jr., Bank Examiner	Philadelphia.	"	Walter Nyhus, Bank Examiner	Green Bay.
"	George S. Summers, Chief Bank Exam.	Harrisburg.	"	Thos. M. Purtell, Examiner	Madison.
"	J. D. Swigart, Chief Bank Examiner	Pittsburgh.	"	Stanley Caldwell, Examiner	Fond du Lac.
"	E. B. Toppin, Bank Examiner	Philadelphia.	"	E. L. Richardson, Bank Examiner	Fond du Lac.
"	Wm. R. Turner, Bank Examiner	Philadelphia.	"	C. L. Pitman, Bank Examiner	Milwaukee.
"	Cyril G. Vogel, Bank Examiner	Pittsburgh.	"	Harry W. Barney, Asst. Examiner	Sparta.
"	J. F. Whelihan, Jr., Bank Examiner	Philadelphia.	"	Harry Haslett, Asst. Examiner	Fond du Lac.
"	Horace C. Whiteman, Bank Examiner	Philadelphia.	"	Arthur C. Moors, Asst. Examiner	Wauwatosa.
"	Fred Wigfield, Jr., Bank Examiner	Wilkes-Barre.	"	Herbert E. Platz, Asst. Examiner	Milwaukee.
"	W. R. Wirth, Bank Examiner	Pittsburgh.	"	Karl V. Schoenecker, Asst. Examiner	Milwaukee.
"	Paul A. Yeager, Bank Examiner	Pittsburgh.	"	R. D. Luther, Asst. Examiner	Wauwapa.
"	Chas. H. Zimmerman, Bank Examiner	Harrisburg.	"	Clarence C. Steele, Asst. Examiner	Sparta.
R. I.	Geo. H. Newhall, Bank Commissioner	Room 110 State House, Providence.	"	J. G. Schweizer, Asst. Examiner	Madison.
"	E. J. Littlefield, Deputy Commissioner	Providence.	"	H. F. Ibach, Asst. Examiner	Eau Claire.
"	W. L. Offer, Bank Examiner	Providence.	"	R. E. Killeen, Asst. Examiner	Wautoma.
"	John T. Pollard, Bank Examiner	East Providence.	"	F. C. Teske, Asst. Examiner	Princeton.
"	R. L. Sayles, Bank Examiner	Cranston.	"	G. E. Vallier, Asst. Examiner	South Milwaukee.
"	Andrew Winsor, Bank Examiner	Providence.	"	S. A. Sylvester, Asst. Examiner	Madison.
"	John T. Marshall, Bank Examiner	Barrington.	Wyo.	John A. Reed, State Examiner	State Capitol Bldg.
"	Irma G. Henrikson, Clerk	Providence.	"	A. L. Putnam, Deputy State Examiner	Cheyenne.
"	Madeline T. Mulgrew, Clerk	Providence.	"	W. E. Banks, Examiner	Cheyenne.
S. C.	Albert S. Fant, State Bank Examiner	Columbia.	"	William Reeves, Jr., Bank Examiner	Cheyenne.
"	W. R. Watkins, Associate Bank Exam.	Greenville.	"	R. E. McFarlane, Examiner	Cheyenne.
"	C. W. Calhoun, Associate Bank Examiner	Bishopville.	"	L. L. Williams, Examiner	Cheyenne.
"	D. J. Winn, Asst. Bank Examiner	Darlington.	"	L. A. Christensen, Bank Examiner	Cheyenne.
"	W. R. Scarborough, Asst. Bank Examiner	Columbia.	"		
"	W. A. Harper, Asst. Bank Exam.	Honea Pathe.	"		
"	C. M. Fuller, Asst. Bank Examiner	Pacolet.	"		
"	J. M. Smith, Auditor	Columbia.	"		
"	W. N. Query, Asst. State Auditor	Columbia.	"		
S. D.	Fred R. Smith, Supt. of Banks	Pierre.	"		
"	A. E. Fossum, Deputy Supt. of Banks	Pierre.	"		
"	J. B. Lamberton, Asst. to Supt. of Banks	Pierre.	"		
"	T. B. Thorson, Counsel	Pierre.	"		
"	U. G. Stevenson, Bank Examiner	Sioux Falls.	"		
"	E. J. Morris, Bank Examiner	Aberdeen.	"		
"	Chris Hirling, Bank Examiner	Mitchell.	"		
"	S. E. Anderson, Bank Examiner	Sioux Falls.	"		

LIST OF NATIONAL BANK EXAMINERS AND DISTRICTS

December 31, 1929

NAME AND FEDERAL RESERVE DISTRICT	ADDRESS
NATIONAL BANK EXAMINERS	
Folger, W. P. (11)	Office, Comptroller of the Currency, Washington, D. C.
Hodgson, R. M. (11)	Office, Comptroller of the Currency, Washington, D. C.
McBryde, W. W. (11)	Office, Comptroller of the Currency, Washington, D. C.
Smith, C. F. (11)	Office, Comptroller of the Currency, Washington, D. C.
Crossen, G. W. (11)	Office, Comptroller of the Currency, Washington, D. C.
Stewart, A. M. (11)	Office, Comptroller of the Currency, Washington, D. C.
Wilson, C. F. (11)	Office, Comptroller of the Currency, Washington, D. C.

DISTRICT CHIEF NATIONAL BANK EXAMINERS (By Federal Reserve Districts)

Williams, F. D. (1)	Federal Reserve Bank Bldg., Boston, Mass.
Reeves, Owen T. (2)	525 Federal Reserve Bk. Bldg., New York, N. Y.
Newham, Stephen L. (3)	1500 Walnut St., Room 1503, Philadelphia, Pa.
Taylor, William (4)	715 Federal Res. Bk. Bldg., Cleveland, Ohio.
Byers, R. W. (5)	Nat. Metropolitan Bk. Bldg., Washington, D. C.
Robb, Ellis D. (6)	608 First National Bank Bldg., Atlanta, Ga.
Leyburn, A. P. (7)	164 W. Jackson Blvd., Room 1209, Chicago, Ill.
Wood, John S. (8)	1310 Federal Commerce Trust Bldg., St. Louis, Mo.
Wright, I. D. (9)	1334 First National Soo Line Bldg., Minneapolis, Minn.
Roberts, L. K. (10)	800 Federal Res. Bk. Bldg., Kansas City, Mo.
Collier, Richard H. (11)	1706 Republic Bank Bldg., Dallas, Texas.
Harris, Thos. E. (12)	1103 Alexander Bldg., San Francisco, Calif.

NATIONAL BANK EXAMINERS

Allanson, E. A. (3)	1500 Walnut St., Room 1503 Philadelphia, Pa.
Allen, E. F. (10)	800 Federal Res. Bk. Bldg., Kansas City, Mo.
Amrhein, Joseph (5)	203 Grace-Broad Arcade Bldg., Richmond, Va.
Anderson, O. A. (9)	9 Midland National Bank Bldg., Billings, Mont.
Ashwood, Cecil (2)	Stadler Hotel, Buffalo, N. Y.
Austin, J. W. (4)	715 Federal Res. Bk. Bldg., Cleveland, Ohio.
Bailey, J. L. (5)	P. O. Box 1185, Huntington, W. Va.
Baker, W. B. (3)	1500 Walnut St., Room 1503, Philadelphia, Pa.
Baldridge, Wm. H. (12)	403 Empire State Bldg., Spokane, Wash.
Basham, A. A. (6)	P. O. Box 940, Knoxville, Tenn.
Baugh, G. W. (7)	3111 Jackson St., Sioux City, Iowa.
Beaton, Otis W. (2)	525 Federal Reserve Bank Bldg., New York, N. Y.
Beatty, R. S. (7)	P. O. Box 272, Decatur, Ill.
Becker, E. J. (10)	P. O. Box 186, Clinton, Okla.
Bina, J. C. (9)	4532 Grand Ave., Minneapolis, Minn.
Bishop, R. O. (10)	800 Federal Reserve Bank Bldg., Kansas City, Mo.
Black, H. W. (2)	525 Federal Reserve Bank Bldg., New York, N. Y.
Bleakley, B. J. (4)	P. O. Box 421, Wheeling, W. Va.
Boysen, Alfred (3)	Post Office Bldg., Wilkes-Barre, Pa.
Burk, L. S. (7)	307 Federal Bldg., Des Moines, Iowa.
Byrne, J. J. (6)	P. O. Box 741, Montgomery, Ala.
Carter, Aubrey B. (1)	Room 185, Treasury Dept., Washington, D. C.
Chorpening, L. I. (12)	638 H. W. Hellman Bldg., Los Angeles, Calif.
Clarke, Addison A. (4)	P. O. Box 122, Lima, Ohio.
Clarke, F. S. (2)	Gen'l Delivery, Kingston, N. Y.
Coffin, G. M. (1) (R.)	First National Bank, Putnam, Conn.
Coffin, G. S. (12)	1103 Alexander Bldg., San Francisco, Calif.
Cooke, A. J. (12)	638 H. W. Hellman Bldg., Los Angeles, Calif.
Cottingham, T. J. (6)	608 First National Bank Bldg., Atlanta, Ga.
Cunningham, F. F. (6)	P. O. Box 822, Nashville, Tenn.
Cutler, W. A. (7)	P. O. Box 527, Rock Island, Ill.
Dalton, John W. (5)	P. O. Box 958, Charlotte, N. C.
Dann, R. G. (2)	P. O. Box 442, Utica, N. Y.
Davenport, H. B. (3)	P. O. Box 61, Lancaster, Pa.
Donahue, C. A. (12)	638 H. W. Hellman Bldg., Los Angeles, Calif.
Donahue, W. H. (10)	P. O. Box 1546, Muskogee, Okla.
Donovan, Leo D. (7)	164 W. Jackson Blvd., Room 1209, Chicago, Ill.
Dooley, Thomas E. (1)	273 Grand View Terrace, Hartford, Conn.
Dye, Sam W. (7)	215 Central Nat'l Bank Bldg., Peoria, Ill.
Elkins, Lewis R. (8)	214 Federal Bldg., Evansville, Ind.
Embry, Jacob (11)	1706 Republic Bank Bldg., Dallas, Texas.
Erdman, M. E. (2)	525 Fed. Res. Bk. Bldg., New York, N. Y.
Evans, Clyde J. (6)	P. O. Box 1828, Atlanta, Ga.
Faris, A. B. (4)	P. O. Box 506, Richmond, Ky.
Finney, R. Gordon (3)	1500 Walnut St., Room 1503, Philadelphia, Pa.
Foster, Charles W. (11)	519 Bedell Bldg., San Antonio, Texas.
Francis, C. C. (2)	525 Fed. Res. Bk. Bldg., New York, N. Y.
Fraser, J. A. (10)	P. O. Box 574, Hutchinson, Kan.
Freeman, O. M. (1)	205 Governor St., Providence, R. I.
French, H. S. (7)	164 W. Jackson Blvd., Room 1209, Chicago, Ill.
Fulter, Harry R. (7)	P. O. Box 592, Indianapolis, Ind.
Fulton, Ira J. (4)	715 Federal Reserve Bank Bldg., Cleveland, Ohio.
Garrett, Robert D. (11)	care of Div. of Insolvent National Banks, Office of Comptroller of the Currency, Treasury Dept., Washington, D. C.
Gaskell, Geo. R. (4)	715 Federal Reserve Bank Bldg., Cleveland, Ohio.
Gilbart, H. B. (11)	P. O. Box 318, Wichita Falls, Texas.
Glazier, Chas. A. (12)	P. O. Box 226, Provo, Utah.
Goodhart, R. W. (9) (R.)	care of Div. of Insolvent National Banks, Office of Comptroller of the Currency, Treasury Dept., Washington, D. C.
Gray, W. M. (12) (J.G.)	514 P. O. Bldg., Portland, Oregon.
Green, A. W. (1)	Fed. Reserve Bk. Bldg., Boston, Mass.
Green, Charles W. (5)	P. O. Box 334, Cumberland, Md.
Harrison, H. G. (8)	1310 Fed. Com. Trust Bldg., St. Louis, Mo.
Hartman, Chas. H. (3)	1500 Walnut St., Room 1503, Philadelphia, Pa.
Hauschild, L. P. (4)	P. O. Box 473, New Castle, Pa.
Hawkins, J. W. (11)	P. O. Box 1471, Abilene, Texas.
Hedrick, G. B. (11)	1706 Republic Bank Bldg., Dallas, Texas.
Hooker, Robert K. (8)	1310 Fed. Com. Trust Bldg., St. Louis, Mo.
Hooper, Marshall (12)	522 Central Bldg., Seattle, Wash.
Hopkins, R. L. (7)	405 Federal Reserve Bldg., Detroit, Mich.
Horton, B. E. (11)	P. O. Box 1584, Waco, Texas.
Hotchkiss, Paul L. (2)	326 Ten Eyck St., Watertown, N. Y.
Huck, Wm. F. (9)	306 Dakota Bank Bldg., Aberdeen, S. Dak.
Hurley, Michael J. (1)	Federal Reserve Bank Bldg., Boston, Mass.
Hutt, Wm. E. (11)	Sherman, Texas.
Isaac, John (1)	Federal Reserve Bk. Bldg., Boston, Mass.
Joseph, Edw. M. (7)	547 Cherry St. S. E., Grand Rapids, Mich.
Kane, Thos. F. (5)	National Metropolitan Bank Bldg., Washington, D. C.
Kane, W. W. (8)	5381 Pershing Ave., St. Louis, Mo.
Ketner, John H. (3)	406 Carsonia Ave., Reading, Pa.
Laird, H. A. (7)	309 Federal Bldg., Des Moines, Iowa.

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

NAME AND FEDERAL RESERVE DISTRICT	ADDRESS
Lamb, Ernest (11)	P. O. Box 667, Greenville, Texas.
Lamm, R. Foster (12)	1124 N. Olive St., Santa Ana, Calif.
Lammond, W. M. (6)	P. O. Box 1364, New Orleans, La.
Lanning, L. C. (2)	525 Fed. Res. Bk. Bldg., New York, N. Y.
Lanum, Harry L. (4)	P. O. Box 463, Columbus, Ohio.
Lauer, H. E. (7)	164 W. Jackson Blvd., Room 1209, Chicago, Ill.
Lissey, W. P. (6)	P. O. Box 442, Albany, Ga.
Lilly, John F. (8)	care of La Fayette Hotel, Little Rock, Ark.
Linden, C. C. (12)	326 Yates Bldg., Boise, Idaho.
Lorang, P. J. (2)	525 Fed. Res. Bk. Bldg., New York, N. Y.
Luiken, John B. (6)	523 Comer Bldg., Birmingham, Ala.
Luscombe, A. P. (2)	525 Fed. Res. Bk. Bldg., New York, N. Y.
Lyon, Cecil W. (10)	800 Federal Reserve Bank Bldg., Kansas City, Mo.
Lyons, Gibbs (U.)	care of Div. of Insolvent National Banks, Office of Comptroller of the Currency, Treasury Dept., Washington, D. C.
McCall, W. P. (1)	Federal Reserve Bank Bldg., Boston, Mass.
McCans, A. B. (2)	525 Fed. Res. Bk. Bldg., New York, N. Y.
McGinnis, F. J. (3)	1500 Walnut St., Room 1503, Philadelphia, Pa.
McLaren, D. D. (9)	201 Security National Bank Bldg., Sioux Falls, S. Dak.
McLean, C. H. (12)	638 H. W. Hellman Bldg., Los Angeles, Calif.
McMullan, J. R. (5)	Natl. Metropolitan Bank Bldg., Washington, D. C.
Machfield, C. J. (2)	184 Atlantic Ave., Lynbrook, N. Y.
Madland, L. L. (12)	522 Central Bldg., Seattle, Wash.
Male, W. N. (10)	506 California Bldg., Denver, Colo.
Mann, Stuart H. (8)	1310 Federal Commerce Trust Bldg., St. Louis, Mo.
Medill, Geo. L. (3)	P. O. Box 32, Altoona, Pa.
Miller, P. V. (10)	800 Federal Reserve Bank Bldg., Kansas City, Mo.
Mooney, R. E. (8)	P. O. Box 1092, Louisville, Ky.
Morgan, C. E. (12)	1103 Alexander Bldg., San Francisco, Calif.
Motter, Charles W. (5)	P. O. Box 332, Raleigh, N. C.
Murphy, Daniel F. (1)	31 Albion St., Melrose Highlands, Mass.
Nell, Robert (2)	525 Federal Reserve Bank Bldg., New York, N. Y.
Nelson, F. S. (10)	202 Federal Bldg., Grand Island, Neb.
Nelson, Nels (9)	1334 First National Soo Line Bldg., Minneapolis, Minn.
Nolan, W. R. (7)	P. O. Box 536, Waterloo, Iowa.
Norman, L. A. (4)	P. O. Box 1058, Pittsburgh, Pa.
Ockershausen, F. C. (5)	National Metropolitan National Bank Bldg., Washington, D. C.
O'Connor, T. J. (2)	525 Federal Reserve Bank Bldg., New York, N. Y.
Palmer, R. E. A. (12)	522 Central Bldg., Seattle, Wash.
Parker, Edw. F. (1)	Federal Reserve Bank Bldg., Boston, Mass.
Penn, D. V. (10)	P. O. Box 1091, Oklahoma City, Okla.
Peterson, F. R. (11)	Federal Reserve Bank, Houston, Tex.
Pierce, W. W. (11)	P. O. Box 556, Corsicana, Texas.
Price, A. E. (12)	1103 Alexander Bldg., San Francisco, Calif.
Quinn, Henry F. (7)	164 W. Jackson Blvd., Room 1209, Chicago, Ill.
Rafter, C. T. (10)	P. O. Box 296, Salina, Kas.
Ramsdell, P. C. (5)	National Metropolitan Bank Bldg., Washington, D. C.
Ransom, Frank T. (3)	1500 Walnut St., Room 1503, Philadelphia, Pa.
Reimers, D. H. (7) (J.G.)	309 Federal Bldg., Des Moines, Iowa.
Rial, B. P. (U.) (J.G.)	Room 301, Div. of Insolvent National Banks, Treasury Dept., Washington, D. C.
Robinson, H. P. (2)	525 Federal Reserve Bank Bldg., New York, N. Y.
Roetzal, G. F. (10)	P. O. Box 1091, Oklahoma City, Okla.
Roots, J. O. (11)	P. O. Box 1062, Austin, Texas.
Ross, M. A. (10)	Hotel Valentine on Broadway, Kansas City, Mo.
Rossman, Richard (4)	P. O. Box 1058, Pittsburgh, Pa.
Rummel, John T. (12)	1103 Alexander Bldg., San Francisco, Calif.
Ryan, Frank J. (1)	Federal Reserve Bank Bldg., Boston, Mass.
Sanders, J. L. (7)	P. O. Box 592, Indianapolis, Ind.
Schechter, W. J. (4)	P. O. Box 1058, Pittsburgh, Pa.
Schofield, John W. (U.)	1539 Hayworth Ave., Hollywood, Calif.
Sedlacek, L. H. (9)	1334 First National Soo Line Bldg., Minneapolis, Minn.
Severson, Henry (9)	309 Torrey Bldg., Duluth, Minn.
Shapirer, Leo. (12)	1103 Alexander Bldg., San Francisco, Calif.
Shea, L. A. (2)	525 Fed. Res. Bk. Bldg., New York, N. Y.
Sheehan, W. F. (2)	525 Fed. Res. Bk. Bldg., New York, N. Y.
Schroyer, R. R. (2)	525 Federal Reserve Bank Bldg., New York, N. Y.
Sibley, W. L. (11)	P. O. Box 1223, Shreveport, La.
Sibert, J. H. (3)	P. O. Box 491, Williamsport, Pa.
Sims, M. H. (4)	No. 10, 5527 Center Ave., Pittsburgh, Pa.
Smith, Geo. R. (3)	P. O. Box 981, Harrisburg, Pa.
Smith, Geo. H. (4)	Apt. 702A, Penn. Albert Hotel, Greensburg, Pa.
Snyder, Vernon G. (3)	P. O. Box 231, Sunbury, Pa.
Stevens, L. T. (9)	4929 Pleasant Ave., South, Minneapolis, Minn.
Stewart, Chas. A. (5)	P. O. Box 97, East Falls Church, Va.
Stewart, H. E. (2)	525 Fed. Res. Bk. Bldg., New York, N. Y.
Stobie, C. A. (12)	P. O. Box 313, Honolulu, T. H.
Stokes, H. F. (5)	National Metropolitan Bank Bldg., Washington, D. C.
Stout, C. L. (10)	P. O. Box 197, Cheyenne, Wyo.
Stover, L. W. (3)	7040 Ruskin Lane, Philadelphia, Pa.
Strong, J. M. (2)	525 Fed. Res. Bk. Bldg., New York, N. Y.
Stuart, Robt. K. (7)	906 Michigan Ave., Evanston, Ill.
Swensen, Loren T. (4)	715 Federal Reserve Bank Bldg., Cleveland, Ohio.
Taylor, O. C. (12)	638 H. W. Hellman Bldg., Los Angeles, Calif.
Toilton, A. F. (12)	1107 A Mattei Bldg., Fresno, Calif.
Utt, J. F. (7)	164 W. Jackson Blvd., Room 1209, Chicago, Ill.
Van Brunt, L. J. (9)	18 Magill Block, Fargo, N. Dak.
Von Arb, E. A. (8)	520 East 6th St., Centerville, Ill.
Von Birgelen, F. M. (9)	103 1/2 4th St., Bismarck, N. D.
Walker, Harry W. (7)	Hotel Witter, Wisconsin Rapids, Wis.
Wanberg, Joseph F. (7)	164 W. Jackson Blvd., Room 1209, Chicago, Ill.
Ward, Maxwell M. (4)	P. O. Box 621, Cincinnati, Ohio.
Watts, John L. (2)	525 Fed. Res. Bk. Bldg., New York, N. Y.
White, O. W. (10)	506 California Bldg., Denver, Colo.
Whitehurst, W. M. (11)	706 Republic Bank Bldg., Dallas, Tex.
Wilde, Max C. (12)	514 P. O. Bldg., Portland, Ore.
Williams, E. L. (10)	800 Federal Reserve Bank Bldg., Kansas City, Mo.
Williams, T. B. (12)	638 H. W. Hellman Bldg., Los Angeles, Calif.
Wilson, E. B. (2)	Box 607, Albany, N. Y.
Wilson, George R. (7)	P. O. Box 589, Danville, Ill.
Witt, Grady T. (11)	P. O. Box 1224, Amarillo, Texas.
Wood, D. R. (5)	Pulaski National Bank Bldg., Pulaski, Va.
Woodside, Hal (8)	1248 Washington Ave., Springfield, Mo.
Wright, E. M. (12)	514 P. O. Bldg., Portland, Ore.
Young, Wm. R. (8)	407 Central State National Bank Bldg., Memphis, Tenn.

VALUES OF FOREIGN COINS

TREASURY DEPARTMENT, OFFICE OF THE SECRETARY.

Washington, D. C., January 1, 1930

In pursuance of the provisions of Section 25, of the act of August 27, 1894, as amended by Section 403, Title IV, of the Act of May 27, 1921, and reenacted by Section 522, Title IV, Act of September 21, 1922, I hereby proclaim the following estimate by the Director of the Mint of the values of pure metal contents of foreign coins to be the values of such coins in terms of the money of account of the United States, to be followed in estimating the value of all foreign merchandise exported to the United States during the quarter beginning January 1, 1930, expressed in any such metallic currencies: *Provided, however,* That if no such value has been proclaimed, or if the value so proclaimed varies by five per centum 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 by the Federal Reserve Bank of New York and published by me as certified by said bank pursuant to the provisions of said Section 25 as amended.

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	Law of July 11, 1928. 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	By law of Nov. 28, 1928.
Canada	Gold	Dollar	1.0000	
Chile	Gold	Peso	.1217	
China	Silver	Tael	.5818 .5800 .5564 .5683 .5381 .5919 .5443 .5637 .5757 .5456 .5593 .5671 .5314 .5374 .5854 .5637 .3770 .3826 .3854	The tael is a unit of weight; not a coin. The customs unit is the Haikwan tael. The values of other taels are based on their relation to the value of the Haikwan tael. The Yuan silver dollar of 100 cents is the monetary unit of the Chinese Republic; it is equivalent to .637— of the Haikwan tael.
Columbia	Gold	Peso	.9733	
Costa Rica	Gold	Colon	.4653	Mexican silver pesos issued under Mexican decree of Nov. 13, 1918, are of silver content approximately 41% less than the dollar here quoted; and those issued under decree of Oct. 27, 1919 contain about 51% less silver.
Cuba	Gold	Peso	1.0000	Currency: Government paper and silver.
Denmark	Gold	Krone	.2680	Law establishing conversion office fixes ratio 4 colons (nongold) = \$1 U. S.
Dominican Republic	Gold	Dollar	1.0000	
Ecuador	Gold	Sucre	.2000	U. S. money is principal circulating medium.
Egypt	Gold	Pound (100 piasters)	4.9431	By law effective March 19, 1927.
Estonia	Gold	Kroon	.2680	
Finland	Gold	Markka	.0252	
France	Gold	Franc	.0392	By law of June 24, 1928.
Germany	Gold	Reichsmark	.2382	
Great Britain	Gold	Pound sterling	4.8665	
Greece	Gold	Drachma	.0130	By law effective May 14, 1928.
Guatemala	Gold	Quetzal	1.0000	
Haiti	Gold	Gourde	.2000	Currency: National bank notes redeemable on demand in American dollars.
Honduras	Gold	Lempira	.5000	Legally established but not yet actually operative.
Hungary	Gold	Penzo	.1749	
India [British]	Gold	Rupie	.3650	By law effective April 1, 1927.
Indo-China	Silver	Piaster	.3332	
Italy	Gold	Lira	.0526	By decree effective Dec. 22, 1927.
Japan	Gold	Yen	.4985	
Latvia	Gold	Lat	.1930	
Liberia	Gold	Dollar	1.0000	Currency: Depreciated silver token coins.
Lithuania	Gold	Litas	.1000	Currency: Notes of the bank of Lithuania.
Mexico	Gold	Peso	.4985	
Netherlands	Gold	Guilder (florin)	.4020	
Newfoundland	Gold	Dollar	1.0000	
Nicaragua	Gold	Cordoba	1.0000	
Norway	Gold	Krone	.2680	
Panama	Gold	Balboa	1.0000	
Paraguay	Gold	Peso (Argentine)	.9648	Currency: Depreciated Paraguayan paper currency.
Persia	Silver	Kran	.0853	Currency: Silver circulating above its metallic value.
Peru	Gold	Libra	4.8665	Gold coin is a commodity only, normally worth double the silver of same denomination.
Philippine Islands	Gold	Peso	.5000	
Poland	Gold	Zloty	.1122	By decree effective October 13, 1927.
Portugal	Gold	Escudo	1.0805	Currency: Inconvertible paper.
Romania	Gold	Leu	.0060	By law of Feb. 7, 1929.
Russia	Gold	Ruble	.5146	Pre-war unit. (One Soviet chervonetz = 10 gold rubles.)
Salvador	Gold	Colon	.5000	
Siam	Gold	Baht (Tical)	.4424	By law of April 15, 1928.
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	.1930	

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	Odun	En	En
2	Two	Deux	Zwei	Dos	Due	Dois	Twée	Dbá	To	Två
3	Three	Trois	Drei	Tres	Tre	Tres	Drie	Tza	Tre	Tre
4	Four	Quatre	Vier	Cuatro	Quattro	Quatro	Vier	Tschetire	Fire	Fyra
5	Five	Cinq	Fünf	Cinco	Cinque	Cinco	Vyf	Piat	Fem	Fem
6	Six	Six	Sechs	Seis	Sei	Seis	Zes	Schest	Sex	Sex
7	Seven	Sept	Sieben	Siete	Sette	Sete	Zeven	Sem	Syu	Sju
8	Eight	Huit	Acht	Ocho	Otto	Oito	Acht	Votem	Otte	Ätta
9	Nine	Neuf	Neun	Nueve	Nove	Nove	Negen	Deviat	Ni	Nio
10	Ten	Dix	Zehn	Diez	Dieci	Dez	Tien	Desat	Ti	Tio
11	Eleven	Onze	Elf	Once	Undici	Onze	Elf	Odinnatzat	Elleve	Elfva
12	Twelve	Douze	Zwölf	Doce	Dodici	Doze	Twaalf	Devenzat	Tolv	Tolf
13	Thirteen	Treize	Dreizehn	Trece	Tredici	Treze	Dertien	Trenazat	Tretten	Tretton
14	Fourteen	Quatorze	Vierzehn	Catorce	Quattordici	Quatorze	Veertien	Cheterinazat	Fjorten	Fjorton
15	Fifteen	Quinze	Fünfzehn	Quince	Quindici	Quinze	Vyftien	Paznatzat	Femten	Femton
16	Sixteen	Seize	Sechzehn	Diez y seis	Sedici	Dezeseis	Zestien	Schesnadzat	Sexten	Sexton
17	Seventeen	Dix-sept	Siebzehn	Diez y siete	Diciassette	Dezessete	Zeventien	Semnatzat	Syppen	Sjutton
18	Eighteen	Dix-huit	Achtzehn	Diez y ocho	Diciotto	Dezoito	Achtien	Vosemnatzat	Atten	Aderton
19	Nineteen	Dix-neuf	Neunzehn	Diez y nueve	Diciannove	Dezeneve	Negentien	Davetnazat	Nitten	Nitton
20	Twenty	Vingt	Zwanzig	Veinte	Venti	Vinte	Twintig	Dvatzat	Tyve	Tjugu
21	Twenty-one	Vingt-et-un	Ein und zwanzig	Viente y uno	Venti'uno	Vinte um	Enen Twintig	Dvatzat-odnar	En og Tyve	Tjuguen
30	Thirty	Trente	Dreissig	Treinta	Trenta	Trinta	Dertig	Trudzat	Tredive	Trettio
40	Forty	Quarante	Vierzig	Cuarenta	Quaranta	Quarenta	Veertig	Sorok	Fyrretyve	Fyrtio
50	Fifty	Quarante	Fünfzig	Cincuenta	Cinquanta	Cincoenta	Vyftig	Piatdesat	Halvtredsinds-tyve	Femtio
60	Sixty	Soixante	Sechzig	Sesenta	Sessanta	Sessenta	Zestig	Schestdesat	Tredsindstyve	Sextio
70	Seventy	Soixante-dix	Siebenzig	Setenta	Settanta	Setenta	Zeventig	Semdesat	Halvfjerdsinds-tyve	Sjuttio
80	Eighty	Quatre-vingt	Achtzig	Ochenta	Ottanta	Oitenta	Tachtig	Vosemdesat	Firsindstyve	Ättio
90	Ninety	Quatre-vingt-dix	Neunzig	Noventa	Novanta	Noventa	Negentig	Devianosto	Halvfemsindstyve	Nittio
100	Hundred	Cent	Hundert	Cien	Cento	Cem	Honderd	Sto	Hundrede	Hundra
1000	Thousand	Mille	Tausend	Mil	Mille	Mil	Duizend	Tizatz	Tusinde	Tusen
	Day	Jour	Tag	Dia	Giorno	Dia	Dag	Den	Dage	Dag
	Week	Semaine	Woche	Semana	Settimana	Semana	Week	Nedela	Uger	Vecka
	Month	Mois	Monat	Mes	Mese	Mez	Maanden	Mesatz	Maaned	Månad
	Year	Annee	Jahr	Ano	Anno	Anno	Jaar	God	Aar	År
	On demand	A presentation	Nach Sicht, or bei Vorzeigung	A presentacion	A presentazione	A presentacao	Op vertoon	Po bziskam	Paa anfordring	På anfordring
	At sight	A vue	Auf Sicht	A la vista	A vista	A vista	Op sight a vista	Po prediavieni	A vista	Vid sight
	After sight	A jours de vue	Nach Sicht	A dias vista	Dopo vista	A dias vista	Dagen na zigt	Po prediavieni	Efter Sigt	Efter sigt
	After date	A jours de date	Nach Dato, or nach Heute	A dias fecha	Dopo dato	A dias data	Dagen na dato	Gato	Efter dato	Från dato
	Pay to the order	Payez a l'ordre	Für mich, or uns an anweisung	A la orden	Pagare al l'ordine	Pagase a ordem	Voor my aan de Order	Nlat it order	Behag at betale til ordre	Behagar att betala till ordre
	I promise to pay	Je payerai	Werde ich, or werden wir bezahlen	Pagare	Paghero	Pagarei	Ik neem aan te betalen	Ia obetschai	Jeg forpligter mig at betale	Jag förpligter mig att betala
	With interest	Avec interets	Mit Zinsen	Con interes	Con interesse	Com intereses	Met interest	Is procentamu	Med rente	Med ränta

INTEREST RATES, GRACE ON SIGHT DRAFTS, AND STATUTES OF LIMITATION

For further information see also "Laws" of each State, indexed in back of this Volume

STATES AND TERRITORIES.	INTEREST RATES—NOTES AND ACCEPTANCES—GRACE							STATUTES OF LIMITATIONS			
	Legal Rate of interest	Rate by Contract	Notes and Acceptances Due on		Holidays falling on Sunday are observed the day—	Notes. Bills.	Sight Drafts.	Open Ac- counts.	Notes and Written Con- tracts.	Judg- ments.	Sealed Instru- ments wit- nessed.
			Holi- days.	Half Days.							
Per ct.	Per cent.						Years.	Years.	Years.	Years.	
Alabama	8	8	After	After	After	No grace	No grace	3 *	6	20	10
Alaska	8	12	After	After	After*	No grace	No grace	6	6	10	10
Arizona	6	10	After	After	After	No grace	No grace	3	6	5	6
Arkansas	6	10	After	After	After	No grace	No grace	3	5	3-10¶	5
California	7	See®	After	After	After	No grace	No grace	4	4	5	
Colorado	8	Any rate‡	After	*	After	No grace	No grace	6	6	6-20¶	3-20¶
Connecticut	6	12	After	After	After	No grace	No grace	6	6	20¶	17
Delaware	6	6	After	After	After	No grace	No grace	3	6	10	20
District of Columbia	6	8	After	After*	After	No grace	No grace	3	3	12	12
Florida	8	10	After	After	After	No grace	No grace	3	5	20	20
Georgia	7	8	After	After	After	No grace	No grace	4	6	7	20
Hawaii	8	12	After	After	After	No grace	No grace				
Idaho	7	10	After	After	After	No grace	No grace	4	5	6	5
Illinois	5	7	After	After	After	No grace	No grace	5	10	20	10
Indiana	6	8	After	After	After	No grace	No grace	6	10	20	20
Iowa	6	8	After	After	After	No grace	No grace	5	10	20	10
Kansas	6	10	After	After	After	No grace	No grace	3	5	5	5
Kentucky	6	6	After	After	After	No grace	No grace	2-5	5-15	15	15
Louisiana	5	8	After	After	d	No grace	No grace	3	5-10	10	10
Maine	6	Any rate	After	After	After	No grace	No grace	6	6-20	20	20
Maryland	6	6(e)	After	After	After	No grace	No grace	3	3-12	12(b)	12
Massachusetts	6	Any rate¶	After¶	After¶	After	No grace	Grace	6	6	20¶	20
Michigan	5	7	After	After	After	No grace	No grace	6	6	6-10	6
Minnesota	6	8	After	After	After	No grace	No grace	6	6	10	
Mississippi	6	8	After	After¶	After	No grace	No grace	3	6	7	6
Missouri	6	8	After	After	After	No grace	No grace	5	10	10	10
Montana	8	10	After	After	After	No grace	No grace	5	8	16	8
Nebraska	7	10	After	After	After	No grace	No grace	4	5	5-10¶	5
Nevada	7	12	After	After	After	No grace	No grace	4	6	6	6
New Hampshire	6	Any rate	After	After	After	No grace	Grace	6	6	20	20
New Jersey	6	6	After	After	After	No grace	No grace	6	6	20	16
New Mexico	6	12	After	After	After	No grace	No grace	4	6	7	
New York	6	6†	After	After	After	No grace	No grace	6	6	20	20
North Carolina	6	6	After	After	After	No grace	No grace	3	3	10	10
North Dakota	6	9	After	After	After	No grace	No grace	6	6	10	6
Ohio	6	8	After	After	After	No grace	No grace	6	15	26X	15
Oklahoma	6	10	After	After	After	No grace	No grace	3	5	5	5
Oregon	6	10	After	After	After	No grace	No grace	6	6	10	10
Pennsylvania	6	6	After	After	After	No grace	No grace	6	6	20T	20
Philippine Islands	6	◆	After	After	After	No grace	No grace	6	10	10¶	10
Porto Rico	6	12	After	After	After	No grace	No grace				
Rhode Island	6	V	After	After	After	No grace	Grace	6	6	20	20
South Carolina	7	8	After	After	After	No grace	No grace	6	6	20	6-20
South Dakota	7	10	After	After	After	No grace	No grace	6	6	10-20¶	20¶
Tennessee	6	6	After	After	After	No grace	No grace	6	6	10	6
Texas	6	10	After¶	After•	After	No grace	No grace	2	4	10	4
Utah	8	12	After	After	After	No grace	No grace	4	6	8	6
Vermont	6	6	After	After	After	No grace	No grace	6	6-14	8	8
Virginia	6	6	After	After	After	No grace	No grace	3	5	10	10
Washington	6	12	After	After	After	No grace	No grace	3	6	6	
West Virginia	6	6	After	After	After	No grace	No grace	5	10	10	10
Wisconsin	6	10	After	After	After	No grace	No grace	6	6	10-20	10-20
Wyoming	7	10	After	After	After	No grace	No grace	8	10	5	10
Alberta	5	Any rate	After	After	After	Grace	Grace	6	6	12	20
British Columbia	5	Any rate	After	After	After	Grace	Grace	6	6	20	20
Manitoba	5	Any rate	After	After	After	Grace	Grace	6	6	10	10
New Brunswick	5	Any rate	After	After	After	Grace	Grace	6	6	20	20
Nova Scotia	5	Any rate	After	After	After	Grace	Grace	6	6	20	20
Ontario	5	Any rate	After	After	After	Grace	Grace	6	6	20	20
Quebec	5	Any rate	After	After	After	Grace	Grace	5	5	30	5-30
Saskatchewan	5	Any rate	After	After	After	Grace	Grace	6	6	12	20*

- * In Denver, due Saturday during June, July, and August protest Saturday or Monday at option of holder.
 * No Statute. Generally after.
 † Any rate agreed upon in writing is legal on collateral demand loans of \$5,000 and over.
 ‡ See laws, indexed in back of this volume.
 § Parties may agree in writing to a higher rate of interest than 7%, but not exceeding 12% for one year, and not exceeding that rate for a longer or shorter time.
 ¶ Any rate agreed upon is legal, on loans over \$300, but Colorado courts decline to endorse grossly unreasonable rates.
 ◆ 12% when there is security; 14% when there is no security.
 * In the District of Columbia and Texas "instruments falling due Saturday are to be presented for payment on the next succeeding business day, except that instruments payable on demand may, at the option of the holder, be presented for payment before 12 o'clock noon on Saturday, when that entire day is not a holiday."—See 1389 District code.
 * Debts charged on land although by sealed instruments are outlawed in 12 years.
 b No limitations on judgments against foreign corporations.
 d Holidays falling on Sunday are observed the day except in towns of over 6,000, the holiday is observed the day after.
 e A corporation can agree to pay any rate of interest and cannot plead usury.
 x Becomes dormant five (5) years after the last execution is issued and may be revived within 21 years after becoming dormant.
 T Must be revived every five years after entry, to retain lien on real estate.
 ® Also see title interest under Laws.
 V On amounts exceeding fifty dollars, 30% including service and expenses. On amounts not exceeding fifty dollars, 5% per month for the first six months, 2½% thereafter.

FEDERAL RESERVE BANKS
FEDERAL FARM LOAN 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.

1980

JANUARY

S	M	T	W	T	F	S
			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
						1
33	34	35	36	37	38	39
2	3	4	5	6	7	8
40	41	42	43	44	45	46
9	10	11	12	13	14	15
47	48	49	50	51	52	53
16	17	18	19	20	21	22
54	55	56	57	58	59	
23	24	25	26	27	28	

MARCH

S	M	T	W	T	F	S
						60
						1
61	62	63	64	65	66	67
2	3	4	5	6	7	8
68	69	70	71	72	73	74
9	10	11	12	13	14	15
75	76	77	78	79	80	81
16	17	18	19	20	21	22
82	83	84	85	86	87	88
23	24	25	26	27	28	29
89	90					
30	31					

APRIL

S	M	T	W	T	F	S
		91	92	93	94	95
		1	2	3	4	5
96	97	98	99	100	101	102
6	7	8	9	10	11	12
103	104	105	106	107	108	109
13	14	15	16	17	18	19
110	111	112	113	114	115	116
20	21	22	23	24	25	26
117	118	119	120			
27	28	29	30			

MAY

S	M	T	W	T	F	S
				121	122	123
				1	2	3
124	125	126	127	128	129	130
4	5	6	7	8	9	10
131	132	133	134	135	136	137
11	12	13	14	15	16	17
138	139	140	141	142	143	144
18	19	20	21	22	23	24
145	146	147	148	149	150	151
25	26	27	28	29	30	31

JUNE

S	M	T	W	T	F	S
152	153	154	155	156	157	158
1	2	3	4	5	6	7
159	160	161	162	163	164	165
8	9	10	11	12	13	14
166	167	168	169	170	171	172
15	16	17	18	19	20	21
173	174	175	176	177	178	179
22	23	24	25	26	27	28
180	181					
29	30					

JULY

S	M	T	W	T	F	S
		182	183	184	185	186
		1	2	3	4	5
187	188	189	190	191	192	193
6	7	8	9	10	11	12
194	195	196	197	198	199	200
13	14	15	16	17	18	19
201	202	203	204	205	206	207
20	21	22	23	24	25	26
208	209	210	211	212		
27	28	29	30	31		

AUGUST

S	M	T	W	T	F	S
					213	214
					1	2
215	216	217	218	219	220	221
3	4	5	6	7	8	9
222	223	224	225	226	227	228
10	11	12	13	14	15	16
229	230	231	232	233	234	235
17	18	19	20	21	22	23
236	237	238	239	240	241	242
24	25	26	27	28	29	30
243						
31						

SEPTEMBER

S	M	T	W	T	F	S
	244	245	246	247	248	249
	1	2	3	4	5	6
250	251	252	253	254	255	256
7	8	9	10	11	12	13
257	258	259	260	261	262	263
14	15	16	17	18	19	20
264	265	266	267	268	269	270
21	22	23	24	25	26	27
271	272	273				
28	29	30				

OCTOBER

S	M	T	W	T	F	S
			274	275	276	277
			1	2	3	4
278	279	280	281	282	283	284
5	6	7	8	9	10	11
285	286	287	288	289	290	291
12	13	14	15	16	17	18
292	293	294	295	296	297	298
19	20	21	22	23	24	25
299	300	301	302	303	304	
26	27	28	29	30	31	

NOVEMBER

S	M	T	W	T	F	S
						305
						1
306	307	308	309	310	311	312
2	3	4	5	6	7	8
313	314	315	316	317	318	319
9	10	11	12	13	14	15
320	321	322	323	324	325	326
16	17	18	19	20	21	22
327	328	329	330	331	332	333
23	24	25	26	27	28	29
334						
30						

DECEMBER

S	M	T	W	T	F	S
	335	336	337	338	339	340
	1	2	3	4	5	6
341	342	343	344	345	346	347
7	8	9	10	11	12	13
348	349	350	351	352	353	354
14	15	16	17	18	19	20
355	356	357	358	359	360	361
21	22	23	24	25	26	27
362	363	364	365			
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 Demand Deposits 3% of Time Deposits	10% of Demand Deposits 3% of Time Deposits	13% of 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. | Muskogee, Okla. |
| Br.6. Birmingham, Ala. | Br.6. Nashville, Tenn. |
| 1. Boston, Mass. | Br.6. New Orleans, La. |
| Br.2. Buffalo, N. Y. | Oakland, Cal. |
| Cedar Rapids, Iowa | Ogden, Utah |
| Br.5. Charlotte, N. C. | Br.10. Oklahoma City, Okla. |
| Br.4. Cincinnati, O. | Br.10. Omaha, Neb. |
| 4. Cleveland, O. | Peoria, Ill. |
| Columbus, O. | 3. Philadelphia, Pa. |
| 11. Dallas, Texas | Br.4. Pittsburgh, Pa. |
| Br.10. Denver, Colo. | Br.12. Portland, Ore. |
| Des Moines, Iowa | Pueblo, Colo. |
| Br.7. Detroit, Mich. | 5. Richmond, Va. |
| Dubuque, Iowa | St. Joseph, Mo. |
| Br.11. El Paso, Texas | 8. St. Louis, Mo. |
| Fort Worth, Texas | St. Paul, Minn. |
| Galveston, Texas | Br.12. Salt Lake City, Utah |
| Grand Rapids, Mich. | Br.11. San Antonio, Texas |
| Br.9. Helena, Mont. | 12. San Francisco, Cal. |
| Br.11. Houston, Texas | Ag'y 6. Savannah, Ga. |
| Indianapolis, Ind. | Br.12. Seattle, Wash. |
| Br.6. Jacksonville, Fla. | Sioux City, Iowa |
| Kansas City, Kan. | Br.12. Spokane, Wash. |
| 10. Kansas City, Mo. | Toledo, Ohio |
| Lincoln, Neb. | Topeka, Kan. |
| Br.8. Little Rock, Ark. | Tulsa, Okla. |
| Br.12. Los Angeles, Cal. | Waco, Texas |
| Br.8. Louisville, Ky. | Washington, D. C. |
| Br.8. Memphis, Tenn. | Wichita, Kan. |
| 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.)

FEDERAL RESERVE BOARD

WASHINGTON, D. C.

Ex-officio Members

A. W. MELLON,
Secretary of the Treasury, Chairman.

J. W. POLE,
Comptroller of the Currency.

ROY A. YOUNG, *Governor*
EDMUND PLATT, *Vice-Governor*
ADOLPH C. MILLER
CHARLES S. HAMLIN
GEORGE R. JAMES
EDWARD H. CUNNINGHAM

WALTER L. EDDY, *Secretary.*

E. M. McCLELLAND,
Assistant Secretary.

J. C. NOELL, *Assistant Secretary.*

W. M. IMLAY, *Fiscal Agent.*

WALTER WYATT, *General Counsel.*

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

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

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

FEDERAL ADVISORY COUNCIL—(1930)

HERBERT K. HALLETT,
Boston, District No. 1

WILLIAM C. POTTER,
New York, District No. 2

LEVI L. RUE, *Philadelphia, District No. 3*

HARRIS CREECH,
Cleveland, District No. 4

JOHN POOLE, *Richmond, District No. 5*

J. P. BUTLER, Jr., *Atlanta, District No. 6*

FRANK O. WETMORE,
Chicago, District No. 7

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

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

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

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

F. L. LIPMAN,
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 367; State Banks 37. Total 404.

DIRECTORS

CLASS A:—ALFRED L. RIPLEY (1932), Boston; F. S. CHAMBERLAIN (1931), New Britain, Conn.; EDWARD S. KENNARD (1930), Rumford, Maine.

CLASS B:—PHILIP R. ALLEN (1932), East Walpole, Mass.; ALBERT C. BOWMAN (1931), Springfield, Vermont; A. FARWELL BEMIS (1930), Boston, Mass.

CLASS C:—FREDERIC H. CURTISS (1932), Boston, *Chairman of Board and Federal Reserve Agent*; ALLEN HOLLIS (1930), Concord, N. H., *Deputy Chairman*; CHARLES H. MANCHESTER (1931), Providence, R. I.; ARTHUR H. WEED, Boston, Mass., *General Counsel*.

OFFICERS

W. P. G. HARDING, *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, and L. WALLACE SWEETSER.

HARRY F. CURRIER, *Auditor*.

(Statement of December 31, 1929)

LIABILITIES		RESOURCES	
F. R. notes in actual circulation.....	\$206,558,000	Gold with Federal Reserve Agent.....	\$224,917,000
Deposits:		Gold redemption fund with U. S. Treasury..	6,928,000
Member bank—reserve account.....	141,199,000	Gold held exclusively against F. R. notes.....	\$231,845,000
Government.....	2,013,000	Gold settlement fund with F. R. Board.....	4,360,000
Foreign bank.....	415,000	Gold and gold certificates held by bank.....	31,007,000
Other deposits.....	67,000	Total gold reserves.....	\$267,212,000
Total deposits.....	\$143,694,000	Reserves other than gold.....	16,772,000
Deferred availability items.....	76,695,000	Total reserves.....	\$283,984,000
Capital paid in.....	11,592,000	Non-reserve cash.....	\$10,902,000
Surplus.....	19,619,000	Bills discounted:	
All other liabilities.....	2,796,000	Sec. by U. S. Government obligations.....	13,355,000
Total miscellaneous liabilities.....	\$110,702,000	Other bills discounted.....	13,289,000
TOTAL LIABILITIES.....	\$460,954,000	Total bills discounted.....	\$26,644,000
		Bills bought in open market.....	\$29,878,000
		U. S. Government securities:	
		Bonds.....	3,551,000
		Treasury notes.....	6,073,000
		Certificates and Bills.....	16,227,000
		Total U. S. Government securities.....	\$25,851,000
		Other Securities.....	1,000,000
		Total bills and securities.....	\$83,873,000
		Due from foreign banks.....	53,000,000
		Uncollected items.....	78,859,000
		Bank premises.....	3,702,000
		All other resources.....	81,000
		Total miscellaneous resources.....	\$82,695,000
		TOTAL RESOURCES.....	\$460,954,000

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 773; State Banks 43; Trust Companies 119. Total 935, as of January 2, 1930. Non-members 593, including Savings Banks. Total number of banks in District No. 2, 1,528.

DIRECTORS

<i>Class</i>	<i>Group</i>		<i>Term Expires Dec. 31</i>	<i>Class</i>	<i>Group</i>		<i>Term Expires Dec. 31</i>
A	1	CHARLES E. MITCHELL, New York City Chairman, National City Bank of New York	1931	B	2	THEODORE F. WHITMARSH, New York City Chairman, Francis H. Leggett & Co.,	1929
A	2	THOMAS W. STEPHENS, Montclair, N. J. President, Bank of Montclair	1932	B	3	SAMUEL W. REYBURN, New York City President, Lord & Taylor	1930
A	3	DELMER RUNKLE, Hoosick Falls, N. Y. Chairman, Peoples National Bank of Hoosick Falls, N. Y.	1930	C		GATES W. MCGARRAH, 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	1930

MEMBER FEDERAL ADVISORY COUNCIL

WILLIAM C. POTTER, *President Guaranty Trust Company of New York.*

FEDERAL RESERVE AGENT'S FUNCTION

GATES W. MCGARRAH, <i>Federal Reserve Agent</i>	WILLIAM H. DILLISTIN, <i>Assistant Federal Reserve Agent</i>
W. RANDOLPH BURGESS, <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>	HAROLD V. ROELSE, <i>Manager, Reports Department, and Assistant Secretary</i>

EDWARD L. DODGE, *General Auditor*

GENERAL OFFICERS

J. HERBERT CASE, <i>Deputy Governor</i>	GEORGE L. HARRISON, <i>Governor</i>	EDWIN R. KENZEL, <i>Deputy Governor</i>
JAY E. CRANE, <i>Deputy Governor and Secretary</i>		WALTER S. LOGAN, <i>Deputy Governor and General Counsel</i>
ARTHUR W. GILBART, <i>Deputy Governor</i>		LESLIE R. ROUNDS, <i>Deputy Governor</i>
	LOUIS F. SAILER, <i>Deputy Governor</i>	
CHARLES H. COE, <i>Assistant Deputy Governor</i>	J. WILSON JONES, <i>Assistant Deputy Governor</i>	
RAY M. GIDNEY, <i>Assistant Deputy Governor</i>	WALTER B. MATTESON, <i>Assistant Deputy Governor</i>	
	JAMES M. RICE, <i>Assistant Deputy Governor</i>	

JUNIOR OFFICERS

DUDLEY H. BARROWS, <i>Manager, Administration Department</i>	JACQUES A. MITCHELL, <i>Manager, Loan and Discount Department</i>
WESLEY W. BURT, <i>Manager Accounting Department</i>	
EDWIN C. FRENCH, <i>Manager, Cash Department</i>	ROBERT M. MORGAN, <i>Manager, Bill Department</i>
ROBERT F. MCMURRAY, <i>Manager, Collection Department</i>	WILLIAM A. SCOTT, <i>Manager, Foreign Department</i>
I. WARD WATERS, <i>Manager, Government Bond and Safekeeping Department and Manager, Check Department</i>	

BUFFALO BRANCH

DIRECTORS

JOHN T. SYMES, (1931) President, Niagara County National Bank & Trust Co., Lockport, N. Y.	GEORGE F. RAND, (1930) President, Marine Trust Company, Buffalo
ARTHUR HOUGH, (1930) President, Wiard Plow Company, Batavia, N. Y.	FREDERICK B. COOLEY, (1932) President, New York Car Wheel Co., Buffalo
GEORGE G. KLEINDINST, (1931) President, Liberty Bank of Buffalo.	LEWIS G. HARRIMAN, (1932) President, M. & T. Trust Co., Buffalo, N. Y.

ROBERT M. O'HARA *Managing Director*

OFFICERS

ROBERT M. O'HARA, <i>Managing Director</i>	R. B. WILTSE, <i>Assistant Manager</i>
HALSEY W. SNOW, JR., <i>Cashier</i>	CLIFFORD L. BLAKESLEE, <i>Assistant Cashier</i>

(Statement of December 31, 1929)

LIABILITIES

F. R. Notes in actual circulation.....	\$318,970,740.00
Deposits:	
Member bank—reserve account.....	985,790,644.26
Government.....	5,851,460.29
Other deposits (including foreign, deposits of non-member banks, etc.)	12,727,457.81
Total deposits.....	1,004,369,562.36
Deferred availability items.....	187,720,689.22
Capital paid in.....	67,301,450.00
Surplus.....	80,000,814.29
All other miscellaneous liabilities	3,851,995.58
TOTAL LIABILITIES.....	\$1,662,215,258.45

RESOURCES

Gold with Federal Reserve agent.....	\$238,593,918.26
Gold redemption fund with U. S. Treasury.....	16,813,705.22
Gold and Gold Certificates in Vault.....	339,616,539.21
Gold in the Gold settlement fund	154,835,138.11
Reserves other than gold.....	50,382,220.00
Total cash reserves.....	800,241,520.80
Non-reserve cash.....	12,946,493.58
Loans to Member Banks:	
On the security of obligations of the United States	127,012,250.00
By the discount of commercial or agricultural paper or acceptances.....	44,746,515.44
Acceptances bought in the open market	191,745,088.72
United States Government bonds, notes, bills, and certificates of indebtedness	239,205,400.00
Other Securities.....	7,150,000.00
Total Loans and Investments	609,859,254.16
Bank premises.....	15,663,777.65
Checks and other items in process of collection.....	220,003,280.94
All other miscellaneous resources	3,500,931.32
TOTAL RESOURCES.....	\$1,662,215,258.45

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 676; State Banks 86 Non-Member Banks 486. Total number of banks in District No. 3, 1248.

DIRECTORS

CLASS A:—JOHN C. COSGROVE (1931), Johnstown, Pa.; JOSEPH WAYNE, JR. (1932), Philadelphia; GEORGE W. REILY (1930), Harrisburg, Pa.

CLASS B:—C. FREDERICK C. STOUT, (1931), Philadelphia; ARTHUR W. SEWALL (1932), Philadelphia; ARTHUR C. DORRANCE (1930), Camden, N. J.

CLASS C:—RICHARD L. AUSTIN (1932), Philadelphia, *Chairman of Board*; HARRY L. CANNON (1931), Bridgeville, Del.; ALBA B. JOHNSON, *Deputy Chairman* (1930), 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., F. W. LABOLD and S. R. EARL.

WM. G. McCREEDY, *Comptroller*; LEVI L. RUE, Philadelphia, *Member Federal Advisory Council*; WILLIAMS and SINKLER, *Counsel*.

(Statement of December 31, 1929)

LIABILITIES		RESOURCES	
Capital Stock paid in.....	\$16,467,350.00	Gold with Federal Reserve Agent.....	\$136,600,000.00
Surplus fund.....	26,964,819.82	Gold redemption fund—F. R. notes.....	4,920,000.00
Total Capital and Surplus.....	\$43,432,169.82	Gold settlement fund (Federal Reserve Board).....	25,212,188.71
Due to member banks—reserve account.....	133,192,986.85	Gold coin and certificates.....	36,989,258.00
Due to U. S. Treasurer—general account.....	2,329,424.62	Legal tender, silver certificates and coin.....	12,470,379.00
Foreign banks.....	538,427.94	Total cash reserve.....	\$216,191,825.71
All other deposits.....	60,553.68	Bills discounted.....	65,776,779.11
Total Deposits.....	\$136,121,393.09	Bills purchased in open market.....	8,540,349.76
Federal Reserve notes in actual circulation.....	\$162,344,405.00	Total Bills on hand.....	\$ 74,317,128.87
Deferred availability items.....	55,930,740.39	United States Securities.....	41,806,100.00
Depreciation reserve on U. S. Bonds.....	16,476.00	Federal Land Bank Bonds.....	1,000,000.00
Reserved for taxes and sundry expenses.....	16,022.88	Total Bills and Securities.....	\$117,123,228.87
Unearned discount.....	156,306.34	Interest accrued.....	77,291.99
Discount on securities.....	1,820.31	Non-Reserve cash.....	3,482,828.09
TOTAL LIABILITIES.....	\$398,019,333.83	Transit Items.....	50,201,704.45
		Exchanges for Clearing House.....	8,060,545.35
		Other cash items.....	753,866.83
		Fed. Res. Notes of other Fed. Res. Banks.....	268,000.00
		Bank premises.....	1,762,226.55
		Due from foreign banks.....	69,198.84
		Overdrafts—Member Banks.....	
		Fiscal Agency expenses—reimbursable.....	1,022.69
		All other resources.....	27,594.46
		TOTAL RESOURCES.....	\$398,019,333.83

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, Wetzell, 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 698; State Banks 99. Total member banks 797.

Non-Members 1000. Total number of banks in District 4, 1797.

DIRECTORS

CLASS A:—ROBERT WARDROP (1932), Pittsburgh; CHESS LAMBERTON (1931), Franklin, Pa.; O. N. SAMS (1930), Hillsboro, Ohio.

CLASS B:—R. P. WRIGHT (1931), Erie, Pa.; S. P. Bush (1930), Columbus, 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 (1930), Toledo, Ohio.

HARRIS CREECH, 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.; JOSEPH R. NAYLOR, Wheeling, W. Va.
(Statement of December 31, 1929)

LIABILITIES		RESOURCES	
Federal Reserve notes in actual circulation.....	\$188,198,000	Gold with Federal Reserve Agent.....	\$130,900,000
Deposits:		Gold redemption fund with U. S. Treasury.....	6,493,000
Member bank—reserve account.....	173,739,000	Gold held exclusively against F. R. notes.....	137,393,000
Government.....	1,982,000	Gold settlement fund with F. R. Board.....	70,960,000
Foreign bank.....	572,000	Gold and gold certificates held by banks.....	45,906,000
Other deposits.....	1,683,000	Total gold reserves.....	254,259,000
Total deposits.....	\$177,976,000	Reserves other than gold.....	8,618,000
Deferred availability items.....	62,957,000	Total reserves.....	\$262,877,000
Capital paid in.....	15,632,000	Non-reserve cash.....	6,724,000
Surplus.....	29,141,000	Bills discounted:	
All other liabilities.....	1,101,000	Secured by U. S. Government obligations.....	45,563,000
TOTAL LIABILITIES.....	\$475,005,000	Other bills discounted.....	31,156,000
		Total bills discounted.....	76,719,000
		Bills bought in open market.....	23,499,000
		U. S. Government securities:	
		Bonds.....	4,054,000
		Treasury notes.....	12,221,000
		Certificates and Bills.....	13,204,000
		Total U. S. Government securities.....	29,479,000
		Other Securities.....	1,500,000
		Total Bills and securities.....	\$131,197,000
		Due from foreign banks.....	73,000
		Uncollected items.....	66,852,000
		Bank premises.....	6,268,000
		All other resources.....	1,014,000
		TOTAL RESOURCES.....	\$475,005,000

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 480; State Banks 45.

DIRECTORS

CLASS A:—L. E. JOHNSON, (1932), Alderson, W. Va.; CHAS. E. RIEMAN (1930), Baltimore, Md.; JAMES C. BRASWELL (1931), Rocky Mount, N. C.

CLASS B:—D. R. COKER (1932), Hartsville, S. C.; JUNIUS P. FISHBURN (1930), Roanoke, Va.; EDWIN C. GRAHAM (1931), Washington, D. C.

CLASS C:—WM. W. HOXTON (1932), Richmond, *Chairman of Board*; FREDERIC A. DELANO (1930), Washington, D. C.; ROBERT LASSITER (1931), Charlotte, N. C.

OFFICERS

GEORGE J. SEAY, *Governor*; CHAS. A. PEPE, *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 Department*; JOHN T. GARRETT, *Manager, Bank Relations Department*; W. W. DILLARD, *Assistant Cashier*; EDWARD WALLER, Jr., *Assistant Cashier*; MAXWELL G. WALLACE, *Counsel*.

JOHN POOLE, (1930) Washington, D. C., *Member Federal Advisory Council*.

BALTIMORE BRANCH. (Transit Number 7-27)

(Lexington and Calvert)

A. H. DUDLEY, *Managing Director*; M. F. REESE, *Cashier*; THOMAS I. HAYS, *Assistant Cashier*; JOHN R. CUPIT, *Assistant Cashier*.

DIRECTORS

A. H. DUDLEY, *Managing Director*; H. B. WILCOX, C. G. OSBURN, NORMAN R. JAMES, and W. H. MATTHAI, Baltimore; EDMUND P. COHILL, Hancock; LEVI B. PHILLIPS, Cambridge.

CHARLOTTE BRANCH. (Transit Number 66-20)

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

DIRECTORS

HUGH LEACH, W. H. WOOD and JOHN L. MOREHEAD, Charlotte; W. J. RODDEY, Sr., Rock Hill; ROBERT GAGE, Chester; C. A. CANNON, Concord; JOHN A. LAW, Spartanburg.

(Statement of December 31, 1929)

LIABILITIES		RESOURCES	
Capital paid in.....	\$ 6,072,450.00	Gold with Federal Reserve Agent.....	\$ 76,190,000.00
Surplus.....	12,495,857.15	Gold Redemption Fund—F. R. Notes.....	3,180,000.00
Member Banks—Reserve Accounts.....	64,741,697.70	Gold Settlement Fund.....	8,093,108.63
United States Treasurer.....	2,149,544.07	Gold Coin and Certificates.....	11,913,587.50
Participation in Due to Foreign Banks.....	257,996.72	Total Gold Reserves.....	\$ 99,376,696.13
Officers' Checks and Drafts.....	84,466.30	Legal Tender Notes, Silver, etc.....	5,830,233.00
Other Deposits.....	76,264.44	Total Reserves.....	\$105,206,929.13
Total Deposits.....	\$ 67,309,969.23	National Bank Notes.....	\$ 4,934,070.00
United States Treasurer.....	\$ 1,631,498.71	Subsidiary Silver, Nickels and Cents.....	970,604.59
Federal Reserve and Member Banks.....	47,479,748.16	Total Non-Reserve Cash.....	\$ 5,904,674.59
Miscellaneous.....	521,364.92	Bills Discounted—Secured by U. S. Government	
Total Deferred Availability Credits.....	\$ 49,682,611.79	Obligations.....	\$ 11,285,650.00
F. R. Notes in Actual Circulation.....	98,670,400.00	Bills Discounted—Non-Members Secured by Adjusted	
Reserve for Expense Accrued and Unpaid.....	\$ 2,925.47	Service Certificates.....	3,000.99
Reserve for Self Insurance.....	400,000.00	Bills Discounted—All Other.....	27,650,053.18
Reserve for Undetermined Losses.....	400,000.00	Total Bills Discounted.....	\$ 38,938,704.17
Unearned Discount.....	103,439.13	Bills Purchased in Open Market.....	13,335,750.36
All Other Liabilities.....	707.42	United States Government Bonds and Notes.....	9,559,100.00
Total Miscellaneous Liabilities.....	\$ 907,072.02	Total Earning Assets.....	\$ 61,833,554.53
Total Liabilities.....	\$235,138,360.19	Transit Items.....	\$ 50,396,700.68
		Exchanges for Clearing House.....	1,927,204.41
		Other Cash Items.....	241,880.03
		Federal Reserve Notes of Other F. R. Banks.....	5,719,070.00
		Total Uncollected Items.....	58,284,855.12
		Interest Accrued.....	5,298.23
		Fiscal Agency Expenses, Reimbursable.....	1,357.31
		Bank Premises, (Richmond and Baltimore).....	3,193,862.45
		Claims Account Closed or Suspended Banks.....	626,003.77
		Participation in Due from Foreign Banks.....	33,157.78
		All Other Resources.....	48,667.28
		Total Miscellaneous Assets.....	\$ 3,908,346.82
		TOTAL RESOURCES.....	\$235,138,360.19

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 366; State Banks 62. Total 428.

Non-Member Banks, 1,180; Total number of banks in District 6, 1,608.

DIRECTORS

CLASS A:—H. L. YOUNG (1930), 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 (1930), Decatur, Ga.; LUKE LEA (1931), Nashville, Tenn.

CLASS C:—OSCAR NEWTON (1932), Atlanta, Ga., *Chairman*; W. H. KETTIG (1931), Birmingham, Ala., *Deputy Chairman*; G. S. HARRIS (1930), Atlanta, Ga.

OFFICERS

E. R. BLACK, *Governor*; HUGH FOSTER, *Deputy Governor*; CREED TAYLOR, *Deputy Governor*; M. W. BELL, *Cashier*; R. A. SIMS, H. F. CONNIF, 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*; W. S. JOHNS, *General Auditor*; J. W. HONOUR, *Assistant Auditor*; J. P. BUTLER, Jr., New Orleans, La., *Member Federal Advisory Council*; RANDOLPH, PARKER & FORTSON, *General Counsel*.

NEW ORLEANS BRANCH. (Transit Number 14-21)

DIRECTORS

LEON C. SIMON, *Chairman*; MARCUS WALKER, R. S. HECHT, P. H. SAUNDERS; 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

S. O. CHASE, *Chairman*, Sanford, Fla.; FULTON SAUSSEY, W. S. McLARIN, Jr., JOHN C. COOPER, EDW. W. LANE, ARTHUR F. PERRY, Jacksonville, Fla.; G. G. WARE, Leesburg, Fla.

OFFICERS

W. S. McLARIN, Jr., *Managing Director*; Geo. S. VARDEMAN, Jr., *Cashier*; MARY E. MAHON, *Ass't Cashier*.

NASHVILLE BRANCH. (Transit Number 87-10)

DIRECTORS

LUKE LEA, *Chairman*; JOEL B. FORT, Jr., E. A. LINDSEY, J. E. CALDWELL, PAUL M. DAVIS, Nashville, Tenn.; WM. P. RIDLEY, Columbia, Tenn.; J. B. RAMSEY, Knoxville, 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

L. L. MAGRUDER, *Manager*; H. C. FRAZER, *Assistant Manager*.

(Statement as of December 31, 1929)

LIABILITIES	RESOURCES
F. R. notes in actual circulation.....\$143,083,875.00	Gold with Federal Reserve Agent....\$126,880,000.00
Deposits:	Gold redemption fund.....2,669,122.33
Member banks—reserve account.\$62,895,240.01	Gold held exclusively against F. R. notes.....\$129,549,122.33
Government.....2,484,489.05	Gold settlement fund with F. R. Board.....5,603,997.86
Foreign banks.....218,736.35	Gold and gold certificates held by bank.....4,437,817.50
Other deposits.....164,435.73	Total gold reserves.....\$139,590,937.69
Total deposits.....\$65,762,901.14	Reserves other than gold.....13,925,630.00
Deferred availability items.....\$23,906,835.45	Total reserves.....\$153,516,567.69
Capital paid in.....5,384,000.00	Non-reserve cash.....5,558,608.38
Surplus.....10,857,310.05	Bills discounted:
All other liabilities.....1,848,472.07	Sec. by U. S. Government obligations.....2,680,402.15
TOTAL LIABILITIES.....\$250,843,393.71	Other bills discounted.....26,667,080.05
	Total bills discounted.....\$29,347,482.20
	Bills bought in open market.....19,195,862.64
	U. S. Government securities:
	Bonds.....1,172,300.00
	Treasury notes.....3,377,150.00
	Certificates and Bills.....5,395,000.00
	Total U. S. Government securities.....\$ 9,944,450.00
	Total bills and securities.....\$58,487,794.84
	Due from foreign banks.....28,112.02
	Uncollected items.....26,748,484.28
	Bank premises.....2,658,346.84
	All other resources.....3,845,479.66
	TOTAL RESOURCES.....\$250,843,393.71

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 949; State Banks 253.

Total non-member banks in Federal Reserve District 7, 3,721.

DIRECTORS AND OFFICERS

Class A—Directors

GEORGE M. REYNOLDS, Chicago, Ill. (1930)
EDWARD R. ESTBERG, Waukesha, Wis. (1931)
GEORGE J. SCHALLER, Storm Lake, Iowa (1932)

Class B—Directors

AUGUST H. VOGEL, Milwaukee, Wis. (1930)
STANFORD T. CRAPO, Detroit, Mich. (1931)
ROBERT M. FEUSTEL, Fort Wayne, Ind. (1932)

Class C—Directors

WILLIAM A. HEATH, Evanston, Ill. (1930)
FRANK C. BALL, Muncie, Ind. (1931)
JAMES SIMPSON, Chicago, Ill. (1932)

Officers

WILLIAM A. HEATH, Chairman and Federal Reserve Agent
JAMES SIMPSON, Deputy Chairman
WILLIAM H. WHITE, Assistant Federal Reserve Agent and Manager, Examinations
CLIFFORD S. YOUNG, Asst. Federal Reserve Agent
FRANCIS R. BURGESS, Auditor
WALTER A. HOPKINS, Assistant Auditor
HARRIS G. PETT, Manager, Division of Research and Statistics
CARL MEYER, Counsel
FRANK O. WETMORE, Chicago, Ill., Member Federal Advisory Council

Banking Officials

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

Loans and Credits

KENT C. CHILDS, Controller, Loans and Credits
EUGENE A. DELANEY, Manager, Credit Department
JOSEPH C. CALLAHAN, Manager, Member Bank Accounts Department
FRANKLIN L. PURRINGTON, Manager, Discount Dept.

Investments

ALBA W. DAZEY, Manager, Investment Department

Cash and Custodies

OTTO J. NETTERSTROM, Controller, Cash and Custodies
JESSE G. ROBERTS, Manager, Cash Department
ROBERT E. COULTER, Manager, Cash Custody Dept.
FRED BATEMAN, Manager, Securities Department

Collections

WILLIAM C. BACHMAN, Controller of Collections
IRVING FISCHER, Manager, Check Dept.
LOUIS G. PAVEY, Manager, Collection Department

Administration

JAMES H. DILLARD, Controller, Administration
ROBERT J. HARGREAVES, Manager, Personnel Department
LOUIS G. MEYER, Manager, Service Department
FRANK A. LINDSTEN, Manager, Disbursing Dept.
ARTHUR L. OLSON, Assistant Controller

Fiscal Agency

DON A. JONES, Controller, Fiscal Agency Functions.

DETROIT BRANCH. (Transit No. 9-29)

(160 Fort Street, West)

Directors

GEORGE B. MORLEY—(1930) N. P. HULL—(1929)
WILLIAM J. GRAY—(1931) JAMES INGLIS—(1931)
DAVID McMORRAN—(1930) JULIUS H. HAASS—(1929)
WILLIAM R. CATION, Managing Director

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 December 31, 1929)

LIABILITIES

F. R. notes in actual circulation.....	\$304,538,415.00
Deposits:	
Member bank—reserve account.....	331,302,430.04
Government.....	2,930,006.26
Foreign bank.....	768,381.54
Other deposits.....	1,483,466.66
Total deposits.....	\$336,484,281.50
Deferred availability items.....	76,344,526.69
Capital paid in.....	20,013,300.00
Surplus.....	40,093,581.93
All other liabilities.....	2,192,705.06
TOTAL LIABILITIES.....	\$779,666,813.18

RESOURCES

Gold with Federal Reserve Agent.....	\$269,564,055.00
Gold redemption fund with U. S. Treasury..	11,419,815.56
Gold held exclusively against F. R. notes...	\$280,983,870.56
Gold settlement fund with F. R. Board.....	86,462,629.53
Gold and gold certificates held by bank.....	73,601,437.31
Total gold reserves.....	\$441,047,937.40
Reserves other than gold.....	12,651,694.00
Total reserves.....	\$453,699,631.40
Non-reserve cash.....	12,405,443.42
Bills discounted:	
Sec. by U. S. government obligations.....	75,120,670.00
Other bills discounted.....	37,547,299.69
Total bills discounted.....	\$112,667,969.69
Bills bought in open market.....	\$37,560,981.72
U. S. Government securities.....	
Bonds.....	25,438,900.00
Treasury notes.....	12,208,500.00
Certificates and bills.....	31,199,000.00
Total U. S. Government securities.....	68,846,400.00
Other securities.....	1,500,000.00
Total bills and securities.....	\$220,575,351.41
Due from foreign banks.....	98,752.50
Uncollected items.....	84,033,569.56
Bank premises.....	8,294,840.97
All other resources.....	559,223.92
TOTAL RESOURCES.....	\$779,666,813.18

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 474; State Banks 105. Total 579.

DIRECTORS

CLASS A:—JOHN G. LONSDALE (1932), St. Louis; JOHN C. MARTIN (1931), Salem, Ill.; MAX B. NAHM (1930), Bowling Green, Ky.

CLASS B:—WILLIAM B. PLUNKETT (1931), Little Rock, Ark.; J. W. HARRIS (1930), St. Louis, Mo.

CLASS C:—ROLLA WELLS (1930), 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

ROLLA WELLS, *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, JOHN M. DAVIS, 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

WILLIAM BLACK, 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 T. D. SCALES.

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 ORGILI., R. B. SNOWDEN, J. W. ALDERSON and S. E. RAGLAND.

(Statement of December 31, 1929)

LIABILITIES

F. R. notes in actual circulation.....	\$ 94,744,000
Deposits:	
Member banks—reserve account.....	79,771,000
Government.....	1,197,000
Foreign bank.....	224,000
Other deposits.....	303,000
Total deposits.....	\$81,495,000
Deferred availability items.....	34,549,000
Capital paid in.....	5,268,000
Surplus.....	10,877,000
All other liabilities.....	1,343,000
TOTAL LIABILITIES.....	\$228,276,000

RESOURCES

Gold with Federal Reserve Agent.....	\$ 84,630,000
Gold redemption fund with U. S. Treasury.....	5,734,000
Gold held exclusively against F. R. notes.....	90,364,000
Gold settlement fund with F. R. Board.....	21,021,000
Gold and gold certificates held.....	5,497,000
Total gold reserves.....	116,882,000
Reserves other than gold.....	8,581,000
Total reserves.....	125,463,000
Non-reserve cash.....	6,531,000
Bills discounted:	
Secured by U. S. Government obligations.....	12,555,000
Other bills discounted.....	5,383,000
Total bills discounted.....	17,938,000
Bills bought in open market.....	9,801,000
U. S. Government securities:	
Bonds.....	3,045,000
Treasury notes.....	12,764,000
Certificates and Bills.....	13,457,000
Total U. S. Government securities.....	29,266,000
Other Securities.....	30,000
Total bills and securities.....	57,035,000
Due from foreign banks.....	29,000
Uncollected items.....	35,110,000
Bank premises.....	3,811,000
All other resources.....	297,000
TOTAL RESOURCES.....	\$228,276,000

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 635; State Banks 50.

Non-member Banks 1683.

Total number of banks in District No. 9, 2368.

DIRECTORS

CLASS A:—P. J. LEEMAN (1931), Minneapolis; J. C. BASSETT (1932), Aberdeen, S. D.; KARL J. FARUP (1930), Park River, N. Dak.

CLASS B:—W. O. WASHBURN (1931), St. Paul; N. B. HOLTER (1932), Helena, Mont.; JOHN S. OWEN (1930), Eau Claire, Wis.

CLASS C:—JOHN R. MITCHELL (1932), *Chairman*, HOMER P. CLARK (1930), *Deputy Chairman*, St. Paul; GEO. W. McCORMICK (1931), Menominee, Mich

OFFICERS

W. B. GEERY, *Governor*; HARRY YAEGER, *Deputy Governor*; H. I. ZEIMER, *Deputy Governor*; FRANK C. DUNLOP, *Controller*; GRAY WARREN, *Cashier*; L. E. RAST, *Assistant Cashier*; H. C. CORE, *Assistant Cashier*; A. R. LARSON, *Assistant Cashier*; ANDREAS UELAND, *Legal Counsel*; SIGURD UELAND, *Assistant Legal 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. PRINGE, St. Paul, Minn.

HELENA BRANCH. (Transit Number 93-26)

DIRECTORS

C. J. KELLY, Butte, *Chairman*; H. SIEBEN, Helena, *Vice Chairman*; S. McKENNAN, Helena; R. E. TOWLE Helena, and THOMAS A. MARLOW, Helena.

OFFICERS

R. E. TOWLE, *Managing Director*; H. L. ZIMMERMAN, *Cashier*; A. A. HOERR, *Assistant Cashier*

(Statement of December 31, 1929)

LIABILITIES		RESOURCES	
F. R. notes in actual circulation	\$ 66,855,445.00	Gold with Federal Reserve Agent	\$ 66,157,000.00
Deposits:		Gold redemption fund with U. S. Treasury	3,970,478.75
Member bank—reserve account	56,861,437.99	Gold held exclusively against F. R. notes	70,127,478.75
Government	2,128,989.70	Gold settlement fund with F. R. Board	18,085,009.19
Foreign bank	140,215.61	Gold and gold certificates held by bank	4,253,615.00
Other deposits	267,192.26	Total gold reserves	92,466,102.94
Total deposits	\$ 59,397,835.56	Reserve other than gold	2,731,091.00
Deferred availability items	11,534,563.72	Total reserves	95,197,193.94
Capital paid in	3,091,150.00	Non-reserve cash	2,466,855.85
Surplus	7,142,986.29	Bills discounted:	
All other liabilities	816,578.60	Sec. by U. S. obligations	3,552,224.13
TOTAL LIABILITIES	\$148,838,559.17	Other bills discounted	6,624,536.12
		Total bills discounted	10,176,760.25
		Bills bought in open market	6,636,420.87
		U. S. Government securities:	
		Bonds	5,995,673.64
		Treasury notes	5,693,405.55
		Certificates and Bills	5,184,251.42
		Total U. S. Government securities	16,873,330.61
		Other Securities	120,475.00
		Total bills and securities	33,806,986.73
		Due from foreign banks	18,020.53
		Uncollected items	14,790,667.02
		Bank premises	2,017,749.50
		All other resources	541,085.60
		TOTAL RESOURCES	\$148,838,559.17

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 873; State Banks 21.

Non-member Banks 2290.

Total number of banks in District No. 10, 3184.

DIRECTORS

CLASS A:—E. E. MULLANEY (1932), Hill City, Kan.; FRANK W. SPONABLE (1931), Paola, Kan.; C. C. PARKS (1930), Denver, Colo.

CLASS B:—L. E. PHILLIPS (1932), Bartlesville, Okla.; THOS. C. BYRNE (1930), 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. M. BRASS (1930), Grand Island, 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; H. G. LEEDY, *Counsel*.

M. L. McCLURE, *Chairman and Federal Reserve Agent*; A. M. McADAMS, *Secretary and Assistant Federal Reserve Agent*; 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; WAYLAND W. MAGEE, Bennington, 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, Guthrie; AUSTIN MILLER, Oklahoma City; J. B. DOOLIN, Alva, Okla.

(Statement of December 31, 1929)

LIABILITIES		RESOURCES	
F. R. notes in actual circulation.....	\$ 89,434,280	Gold with Federal Reserve Agent.....	\$ 70,000,000
Deposits:		Gold redemption fund with U. S. Treasury..	3,240,806
Member bank—reserve account.....	86,407,876	Gold held exclusively against F. R. notes..	73,240,806
Government.....	1,554,661	Gold settlement fund with F. R. Board.....	52,001,896
Foreign bank.....	185,085	Gold and gold certificates held by bank.....	6,476,160
Other deposits.....	141,362	Total gold reserves.....	131,718,862
Total deposits.....	88,288,984	Reserves other than gold.....	6,172,445
Deferred availability items.....	34,803,994	Total reserves.....	137,891,307
Capital paid in.....	4,286,050	Non-reserve cash.....	2,867,004
Surplus.....	9,162,032	Bills discounted:	
All other liabilities.....	486,636	Sec. by U. S. Government obligations....	12,996,129
TOTAL LIABILITIES.....	\$226,461,976	Other bills discounted.....	16,659,979
		Total bills discounted.....	29,649,108
		Bills bought in open market.....	8,195,166
		U. S. Government securities:	
		Treasury notes.....	263,000
		Certificates of indebtedness.....	2,800,000
		Total U. S. Government securities.....	3,063,000
		Total bills and securities.....	40,907,274
		Due from foreign banks.....	23,787
		Uncollected items.....	40,636,235
		Bank premises.....	3,971,583
		All other resources.....	164,786
		TOTAL RESOURCES.....	\$226,461,976

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 671; State Banks 85. Total 756.

DIRECTORS

CLASS A:—J. H. FROST (1930), San Antonio, 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 (1930), Waco, Texas; J. J. CULBERTSON (1932), Paris, Texas.

CLASS C:—C. C. WALSH (1931), *Chairman of Board and Federal Reserve Agent*; S. B. PERKINS (1930), *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.; A. J. CRAWFORD, Carlsbad, N. M.

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, GUY M. BRYAN, N. E. MEADOR, R. M. FARRAR and E. A. PEDEN, Houston; J. C. WILSON, Beaumont; FRED W. CATTERALL, Galveston.

SAN ANTONIO BRANCH. (Transit Number 30-72)

M. CRUMP, *Managing Director*; W. E. EAGLE, *Cashier*; T. E. PARKS, *Assistant Cashier*.

DIRECTORS

M. CRUMP, FRANZ C. GROOS, REAGAN HOUSTON, J. M. BENNETT, ERNEST STEVES, San Antonio R. T. HUNNICUTT, Del Rio and FRANK CROW, McAllen.

(Statement of December 31, 1929)

LIABILITIES		RESOURCES	
F. R. Notes in actual circulation.....	\$ 46,947,000	Gold with Federal Reserve Agent.....	\$ 40,723,000
Deposits:		Gold redemption fund with U. S. Treasury	1,459,000
Member banks—reserve account.....	63,697,000	Gold held exclusively against F. R. notes	42,182,000
Government.....	1,321,000	Gold settlement fund with F. R. Board...	15,826,000
Foreign banks.....	185,000	Gold and gold certificates held by bank..	8,795,000
Other deposits.....	63,000	Total gold reserves.....	66,803,000
Total deposits.....	65,266,000	Reserves other than gold.....	4,346,000
Deferred availability items.....	26,871,000	Total reserve.....	\$ 71,149,000
Capital paid in.....	4,453,000	Non-reserve cash.....	4,286,000
Surplus.....	8,935,000	Bills discounted:	
All other liabilities.....	617,000	Sec. by U. S. Government obligations....	3,267,000
TOTAL LIABILITIES.....	\$153,089,000	Other bills discounted.....	10,024,000
		Total bills discounted.....	13,291,000
		Bills bought in open market.....	9,209,000
		U. S. Government securities:	
		Bonds.....	9,464,000
		Treasury Notes.....	5,761,000
		Certificates and bills.....	9,653,000
		Total U. S. Government securities.....	24,878,000
		Other securities.....	47,378,000
		Total bills and securities.....	24,000
		Due from Foreign Banks.....	28,017,000
		Uncollected items.....	1,876,000
		Bank premises.....	359,000
		All other resources.....	\$153,089,000
		TOTAL RESOURCES.....	

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 486; State Banks 120.
Non-member Banks 696; Total number of banks in District 12, 1302.

DIRECTORS

CLASS A:—C. K. McINTOSH (1931), San Francisco, Calif., T. H. RAMSAY (1932), Red Bluff, Calif., VERNON H. VAWTER (1930), Medford, Ore.

CLASS B:—E. H. COX (1931), Madera, Calif.; A. B. C. DOHRMANN (1932), San Francisco, Calif.; MALCOLM McNAGHTEN (1930), Los Angeles, Calif.

CLASS C:—WALTON N. MOORE (1930), San Francisco, Calif., *Deputy Chairman of Board*; WILLIAM SPROULE (1931), San Francisco, Calif.; ISAAC B. NEWTON, Los Angeles, Calif. (1930), *Chairman of Board*.

Member of Federal Advisory Council, F. L. LIPMAN, San Francisco, 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*.

FRED C. BOLD, *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 and Chief Examiner*.

ALLAN SPROUL, *Assistant Federal Reserve Agent and Secretary*.

ALBERT C. AGNEW, *Counsel*.

LOS ANGELES BRANCH, (Transit Number 16-16)

(Washington Bldg., 3rd and Spring Sts.)

W. N. AMBROSE, *Managing Director*; M. McRITCHIE, *Assistant Manager*; A. J. DUMM, *Assistant Cashier*; L. C. MEYER, *Assistant Cashier*.

DIRECTORS

F. J. BELCHER, Jr., HENRY M. ROBINSON, C. B. VOORHIS, J. B. ALEXANDER, *Chairman*.

PORTLAND BRANCH, (Transit Number 24-1)

(Porter Bldg., 6th and Oak Sts.)

R. B. WEST, *Managing Director*; S. A. MacEACHRON, *Assistant Manager*; J. P. BLANCHARD, *Assistant Cashier*.

DIRECTORS

J. C. AINSWORTH, JOHN F. DALY, EDWARD C. PEASE, *Chairman*, NATHAN STRAUSS.

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

CHAS. H. BARTON, L. H. FARNSWORTH, LAFAYETTE HANCHETT, G. G. WRIGHT, *Chairman*.

SEATTLE BRANCH, (Transit Number 19-1)

(2nd Avenue and Spring St.)

C. R. SHAW, *Managing Director*; B. A. RUSSELL, *Assistant Manager*; G. W. RELF, *Assistant Cashier*.

DIRECTORS

M. A. ARNOLD, M. F. BACKUS, CHAS. H. CLARKE, HENRY A. RHODES, *Chairman*.

SPOKANE BRANCH, (Transit Number 28-1)

(Post St. and Main Ave.)

D. L. DAVIS, *Managing Director*; JOS. M. LEISNER, *Assistant Manager*; EVAN BERG, *Assistant Cashier*.

DIRECTORS

D. W. TWOHY, R. L. RUTTER, G. I. TOEVS, PETER MCGREGOR, *Chairman*.

(Statement of December 31, 1929)

LIABILITIES

F. R. notes in actual circulation	\$189,377,825.00
Deposits:	
Member bank—reserve account	175,314,983.46
Government	2,910,845.00
Other Deposits (including foreign deposits, deposits of non-member clearing banks, etc.)	8,934,645.99
Total deposits	187,160,474.55
Deferred availability items	31,924,115.63
Capital paid in	11,414,100.00
Surplus	19,513,630.36
Reserves and all other miscellaneous liabilities	668,912.78
TOTAL LIABILITIES	\$440,059,058.32

RESOURCES

Gold with Federal Reserve Agent	\$211,762,550.00
Gold redemption fund with U. S. Treasury	6,459,166.90
Gold in settlement fund with Treasurer of United States	48,783,508.67
Gold and gold certificates held by bank	27,106,664.24
Reserves other than gold	11,398,038.00
Total Reserves	\$ 305,509,927.00
Loans to Banks:	
On the security of obligations of the United States	11,657,800.00
By the discount of commercial or agricultural paper or acceptances	27,854,810.84
Acceptances bought in the open market	34,613,243.86
United States Government bonds, notes and certificates of indebtedness	11,815,850.00
Federal Intermediate Credit Bank Debentures	
Total Loans and Investments (or Earning Assets)	\$ 85,941,704.70
Uncollected items	36,113,847.28
Bank premises	4,261,326.41
Non-Reserve Cash	7,834,503.86
All other miscellaneous resources	397,748.26
TOTAL RESOURCES	\$ 440,059,058.32

FEDERAL LAND BANK INFORMATION

FEDERAL FARM LOAN BOARD

WASHINGTON, D. C.

ANDREW W. MELLON, *Secretary of the Treasury, Chairman ex officio*

JOHN H. GUILL

PAUL BESTOR, *Farm Loan Commissioner*

GEO. R. COOKSEY

L. J. PETTIJOHN

FLOYD R. HARRISON

A. C. WILLIAMS

CHESTER MORRILL, *Secretary and General Counsel*

FEDERAL LAND BANKS

DISTRICT No. 1—Bank Located at Springfield, Mass.

WM. H. BROWNING, Jr., *Registrar*.
CAPITAL, \$3,010,622.
TERRITORY IN DISTRICT—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, and New Jersey.
OFFICERS—EDWARD H. THOMSON, *President*, B. G. MCINTYRE, *Vice-President*, HAROLD P. PERKINS, *Secretary*, MACDONALD G. NEWCOMB, *Treasurer*, O. D. ROATS, *General Counsel*.
DIRECTORS—EDWARD H. THOMSON, B. G. MCINTYRE, G. F. WARREN, D. C. CULVER, W. W. POTTER, E. H. FORBUSH, W. I. TOMLINSON.

DISTRICT No. 2—Bank Located at Baltimore, Md.

R. K. FLETCHER, *Registrar*.
CAPITAL, \$3,842,785.
TERRITORY IN DISTRICT—Pennsylvania, Delaware, Maryland, Virginia, West Virginia, District of Columbia, and Porto Rico.
OFFICERS—VULOSKO VAIDEN, *President*, D. G. HARRY, *Vice-President*, CHARLES S. JACKSON, *Secretary*, HORACE S. WYNN, *Treasurer*, I. P. WHITEHEAD, *General Counsel*.
DIRECTORS—VULOSKO VAIDEN, D. G. HARRY, HORACE S. WYNN, JOHN H. MURRAY, JOHN H. JOHNSON, I. P. WHITEHEAD.

DISTRICT No. 3—Bank Located at Columbia, S. C.

R. J. TIGHE, *Registrar*.
CAPITAL, \$3,412,130.
TERRITORY IN DISTRICT—North Carolina, South Carolina, Georgia, and Florida.
OFFICERS—FRANK H. DANIEL, *President*, L. I. GUION, *Vice-President*, R. J. TAYLOR, *Secretary*, J. L. GRIFFIN, *Treasurer*, HARRY D. REED, *General Counsel*.
DIRECTORS—FRANK H. DANIEL, L. I. GUION, B. B. WILLIAMS, C. E. VANCE, JAS. T. ANDERSON, T. H. TUTEN.

DISTRICT No. 4—Bank Located at Louisville, Ky.

McK. R. TODD, *Registrar*.
CAPITAL, \$6,686,360.
TERRITORY IN DISTRICT—Ohio, Indiana, Kentucky, and Tennessee.
OFFICERS—GEORGE M. WILBER, *President*, H. A. SOMMERS, *Vice-President*, L. B. CLORE, *Vice-President and Secretary*, HERMAN F. MONROE, *Vice-President and Treasurer*, W. T. KANNARD, *Acting General Counsel*.
DIRECTORS—JAMES B. DAVIS, H. A. SOMMERS, L. B. CLORE, HERMAN F. MONROE, ERNEST RICE, GEORGE M. WILBER, A. P. SANDLES.

DISTRICT No. 5—Bank Located at New Orleans, La.

C. R. FAY, *Registrar*.
CAPITAL, \$6,138,250.
TERRITORY IN DISTRICT—Alabama, Mississippi, and Louisiana.
OFFICERS—T. F. DAVIS, *President*, R. T. GOODWYN, *Vice-President*, EDWARD B. GREEN, *Vice-President*, J. V. DeGRUY, *Treasurer*, J. M. KOONCE, *Secretary*, F. R. ANSELMANT, *General Counsel*.
DIRECTORS—T. F. DAVIS, R. T. GOODWYN, L. O. CROSBY, EDWARD B. GREEN, TIP RAY, A. H. STONE.

DISTRICT No. 6—Bank Located at St. Louis, Mo.

C. S. WILLIAMS, *Registrar*.
CAPITAL, \$5,800,585.
TERRITORY IN DISTRICT—Illinois, Missouri, and Arkansas.
OFFICERS—WOOD NETHERLAND, *President*, O. J. LLOYD, *Vice-President and Secretary*, W. H. LAND, *Vice-President and Treasurer*, W. H. DROSTE, *Assistant Treasurer*, C. S. HALE, *General Counsel*.
DIRECTORS—WOOD NETHERLAND, O. J. LLOYD, C. E. HOPKINS, W. W. MARTIN, A. P. PATTON, L. M. SMITH, JOHN REEVES.

DISTRICT No. 7—Bank Located at St. Paul, Minn.

D. J. MCKENZIE, *Registrar*.
CAPITAL, \$6,797,755.
TERRITORY IN DISTRICT—Michigan, Wisconsin, Minnesota, and North Dakota.
OFFICERS—F. H. KLAON, *President*, SAMUEL TOGERSON, *Vice-President*, FRANK G. WANEK, *Vice-President and Secretary*, GEORGE S. GORDHAMER, *Vice-President and Treasurer*, JOHN THORPE, *General Counsel*.
DIRECTORS—F. H. KLAON, SAMUEL TOGERSON, FRANK R. COIT, JOHN C. SMITH, E. J. VAN LEUVEN, CHAS. E. PARKER.

DISTRICT No. 8—Bank Located at Omaha, Neb.

S. H. BLACKWELL, *Registrar*.
CAPITAL, \$8,903,125.
TERRITORY IN DISTRICT—Iowa, Nebraska, South Dakota, and Wyoming.
OFFICERS—D. P. HOGAN, *President*, JOHN CARMODY, *Vice-President and Secretary*, ANDREW KOPPERUD, *2nd Vice-Pres. and Treasurer*, T. C. HORNBY, *3rd Vice-President*, E. F. DOUGHERTY, *General Counsel*.
DIRECTORS—D. P. HOGAN, A. KOPPERUD, JOHN CARMODY, E. A. BURNETT, P. F. LUCHSINGER, J. C. UNDERWOOD.

DISTRICT No. 9—Bank Located at Wichita, Kas.

ORAN LAYTON, *Registrar*.
CAPITAL, \$4,735,200.
TERRITORY IN DISTRICT—Oklahoma, Kansas, Colorado, and New Mexico.
OFFICERS—JOHN FIELDS, *President*, W. E. FISHER, *Secretary*, A. N. ROCHESTER, *Treasurer*, W. E. PEPPERELL, *General Counsel*.
DIRECTORS—JOHN FIELDS, W. E. FISHER, W. H. MOTT, L. E. CALL, OLIVER M. LEE, P. O. WELLS, J. A. CARNES.

DISTRICT No. 10—Bank Located at Houston, Tex.

J. H. BRANARD, *Registrar*.
CAPITAL, \$8,104,710.
TERRITORY IN DISTRICT—The State of Texas.
OFFICERS—M. H. GOSSETT, *President*, S. A. LINDSEY, *Vice-President*, JOHN VAN DEMARK, *Secretary*, R. D. JOHNSON, *Treasurer*, LEWIS ROGERS, *General Counsel*.
DIRECTORS—M. H. GOSSETT, S. A. LINDSEY, JOHN VAN DEMARK, R. D. JOHNSON, R. S. RODGERS, W. C. HURST, ROY C. ARCHER.

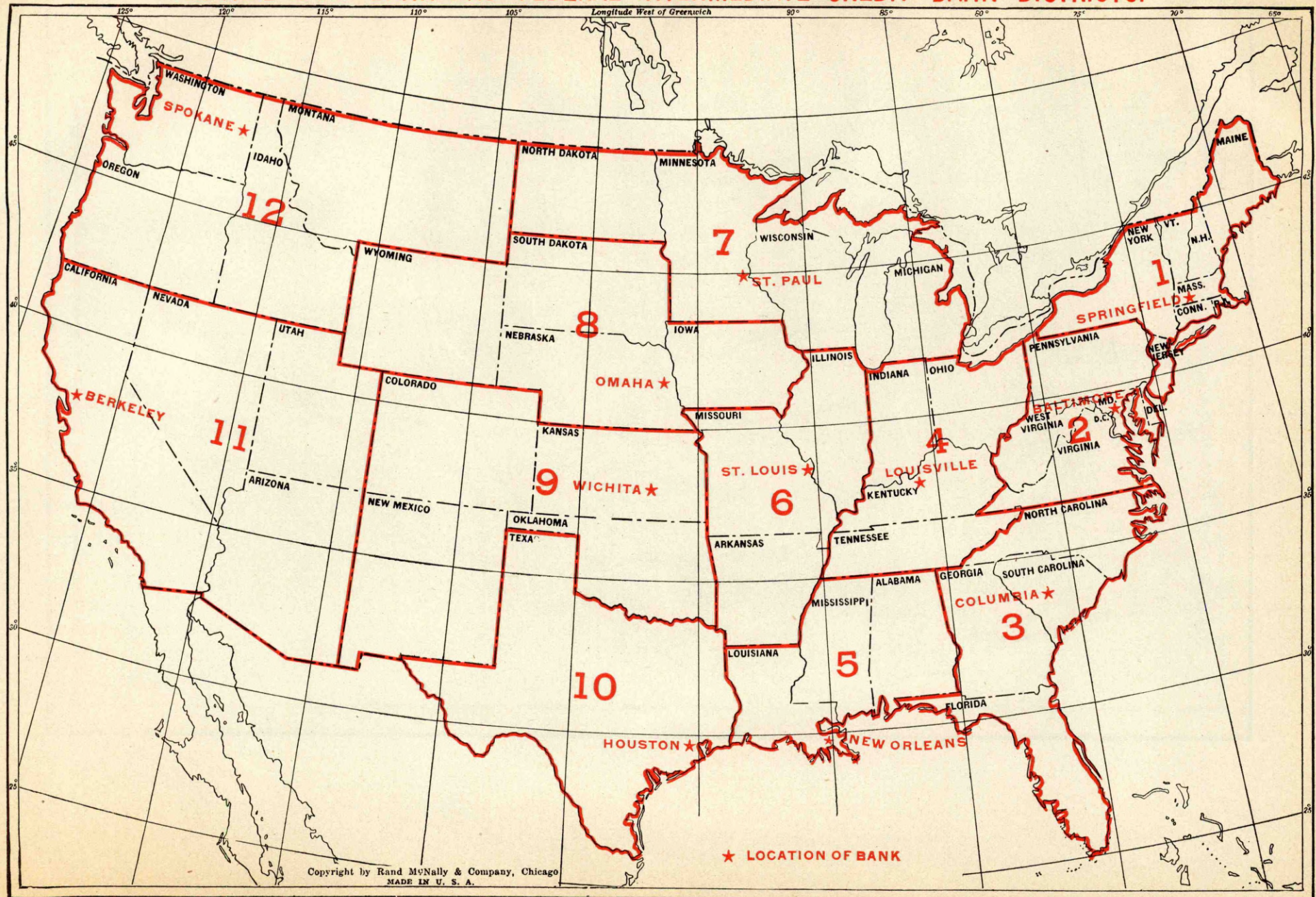
DISTRICT No. 11—Bank Located at Berkeley, Calif.

F. S. BALDWIN, *Registrar*.
CAPITAL, \$3,090,860.
TERRITORY IN DISTRICT—California, Nevada, Utah, and Arizona.
OFFICERS—W. D. ELLIS, *President*, JOHN T. WILSON, *Vice-President*, R. T. EVANS, *Vice-President*, WALTER C. DEAN, *Secretary*, CHARLES PARKER, *Treasurer*, SHERWOOD GREEN, *General Counsel*.
DIRECTORS—W. D. ELLIS, JOHN T. WILSON, WILLIAM GOULD, W. M. HOWELL, R. L. ADAMS.

DISTRICT No. 12—Bank Located at Spokane, Wash.

E. M. WATSON, *Registrar*.
CAPITAL, \$5,213,070.
TERRITORY IN DISTRICT—Washington, Oregon, Montana, and Idaho.
OFFICERS—R. E. SHEPHERD, *Chairman of Board*, E. M. EHRHARDT, *President*, W. S. McCORMACK, *Vice-President*, HENRY MATTHEW, *Secretary*, O. H. JUNOD, *Treasurer*, R. J. VENABLES, *General Counsel*.
DIRECTORS—R. E. SHEPHERD, E. M. EHRHARDT, W. S. McCORMACK, PETER THOMPSON, B. D. THOMPSON, E. E. DENT, A. S. GOSS.

FEDERAL LAND BANK AND FEDERAL INTERMEDIATE CREDIT BANK DISTRICTS.





COMMON SENSE THE LAW AND THE BANKER

WILLIAM McCHESNEY MARTIN, Chairman of the St. Louis Federal Reserve Bank once said that banking took more common sense and more knowledge of law than any other business. He also said that the banker who is a banker, takes a risk every time he breathes, and that ordinary banking risks should not be too much complicated by legal uncertainties.

Every law of the National Government and the State Legislatures which seems likely to affect your business as a banker is digested in this Directory. Learned counsel in the various states keep this information abreast of legislative enactments. You will find it helpful to study the Laws section of this Directory every now and then and to refer out-of-town legal matters to the bonded attorneys listed herein.

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.
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.
70.	12-15-22.	The Ohio-Pennsylvania Joint Stock Land Bank of Cleveland ..	Cleveland, Ohio	Ohio & Pa.
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.
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	Jan., 1929 Deposits	July, 1929 Deposits	Jan., 1930 Deposits	CITY	Jan., 1929 Deposits	July, 1929 Deposits	Jan., 1930 Deposits
Aberdeen, S. D.	\$ 9,278,300	\$ 7,364,280	\$ 7,857,280	Eugene, Ore.	\$ 8,098,940	\$ 7,520,430	\$ 7,705,320
Abilene, Texas			7,408,510	Evanston, Ill.	26,843,310	24,737,860	27,121,130
Adrian, Mich.	7,576,030	7,689,720	7,507,750	Evansville, Ind.	56,168,160	50,736,080	53,160,800
Akron, Ohio	103,866,440	104,730,960	96,999,840	Fairfield, Iowa	4,226,710	4,389,060	4,446,220
Alameda, Calif.	515,120	515,120	448,770	Fall River, Mass.	79,881,830	79,468,780	78,786,110
Albany, Ga.	3,598,120	2,830,980	3,038,380	Fargo, N. D.	17,674,230	17,557,130	16,313,830
Albany, N. Y.	299,679,830	326,868,070	299,156,320	Feribault, Minn.			4,905,750
Albert Lea, Minn.	4,022,590	4,471,340	3,483,720	Fergus Falls, Minn.	5,790,150	5,953,690	5,504,070
Alhambra, Calif.			3,477,370	Flint, Mich.	58,743,040	59,293,340	54,063,900
Allentown, Pa.	43,581,530	42,892,420	41,809,500	Florence, S. C.			3,014,010
Altoona, Pa.	18,167,950	18,618,960	18,594,870	Fort Dodge, Iowa	10,339,700	9,766,810	9,686,280
Amarillo, Texas	20,474,440	20,273,150	19,675,510	Fort Wayne, Ind.	70,100,930	68,812,770	64,728,170
Ames, Iowa	3,506,740	3,611,710	3,621,110	Fort Worth, Texas	90,070,250	84,881,420	74,858,980
Anaheim, Calif.	6,251,310	5,563,290	2,783,690	Franklin, Pa.	12,302,830	12,081,050	12,425,250
Anderson, Ind.	9,126,610	8,590,100	7,546,930	Frederick, Md.	28,294,890	28,935,560	29,105,460
Ann Arbor, Mich.	19,058,670	18,886,590	18,423,990	Fremont, Neb.	5,046,540	4,601,920	4,131,730
Annistown, Ala.	6,182,320	6,006,080	6,239,980	Fresno, Calif.	4,289,700	4,035,360	4,818,870
Armstrong, Okla.			6,751,050	Fullerton, Calif.	1,121,070	1,121,070	1,342,120
Asbury Park, N. J.			20,132,360	Galveston, Texas	32,079,470	28,036,900	28,059,090
Asheville, N. C.	20,033,090	21,445,010	21,500,440	Gary, Ind.	18,438,330	19,812,470	18,971,160
Atchison, Kan.	6,570,900	5,571,530	5,221,870	Gastonia, N. C.	8,863,820	7,131,460	6,253,460
Atlanta, Ga.	124,070,800	115,421,180	111,080,220	Glasgow, Ky.	3,782,310	3,790,280	3,731,890
Augusta, Ga.	15,136,360	14,366,210	14,346,530	Glendale, Calif.			2,553,570
Aurora, Ill.	16,014,280	15,687,860	15,682,430	Goldsboro, N. C.	5,324,690	5,298,340	4,082,060
Austin, Texas	24,473,220	26,401,420	23,859,740	Grand Forks, N. D.	8,535,100	7,001,460	7,440,320
Bakersfield, Calif.	1,830,080	1,751,310	1,714,850	Grand Island, Neb.	7,717,660	7,390,930	7,372,990
Baltimore, Md.	581,774,110	570,312,340	584,648,100	Grand Rapids, Mich.	86,869,120	85,986,660	85,183,760
Bangor, Me.	43,672,530	43,129,540	45,250,390	Great Falls, Mont.	20,832,180	18,805,870	17,996,600
Bartlesville, Okla.	9,337,000	9,808,470	11,345,290	Green Bay, Wis.	16,111,440	16,353,570	15,754,920
Battle Creek, Mich.	31,529,850	30,187,950	32,017,790	Greensboro, N. C.	23,083,410	22,825,280	43,828,270
Bay City, Mich.	29,743,260	29,033,840	28,964,440	Greensburg, Pa.	20,925,400	21,133,560	21,613,370
Beaumont, Texas	27,127,680	28,698,160	24,053,790	Greenville, Miss.	4,621,650	4,853,800	4,806,700
Bellingham, Wash.	11,215,960	11,138,520	10,712,050	Greenville, S. C.	10,659,090	10,325,070	7,167,470
Bemidje, Minn.			2,230,730	Greenwood, Miss.			8,034,270
Berkeley, Calif.	5,473,940	3,830,790	2,841,840	Gulfport, Miss.		6,532,840	5,438,140
Bethlehem, Pa.	27,614,410	25,855,360	26,130,200	Guthrie, Okla.	4,698,340	4,577,060	4,533,810
Billings, Mont.	10,274,800	8,611,030	9,070,860	Hagerstown, Md.	19,594,210	19,590,490	19,738,890
Binghamton, N. Y.	50,412,680	51,114,800	51,170,330	Hamilton, Ohio	14,367,200	14,582,790	14,589,680
Birmingham, Ala.	92,593,800	81,944,380	84,824,150	Hammond, Ind.	14,290,370	14,504,840	14,717,050
Bloomington, Ill.	15,970,130	15,927,220	15,452,910	Hannibal, Mo.	5,625,980	5,249,090	5,210,920
Boise, Idaho	19,103,370	16,156,840	17,477,610	Harrisburg, Pa.	45,936,350	45,228,050	43,036,980
Boone, Iowa	6,148,570	6,259,000	6,034,790	Hartford, Conn.	258,699,620	248,112,270	276,161,600
Boston, Mass.	1,817,094,870	1,751,564,520	1,857,870,190	Hastings, Neb.	6,030,890	5,684,010	5,290,630
Bowling Green, Ky.	3,871,320	3,830,580	3,145,860	Hattiesburg, Miss.			7,623,820
Bristol, Tenn.		8,043,030	7,799,240	Hazleton, Pa.	28,791,860	28,201,410	28,492,870
Brookfield, Mo.	1,425,650	1,425,650	1,349,990	Helena, Ark.	3,494,310	3,354,220	3,337,850
Brunswick, Ga.	3,910,810	3,798,280	3,804,730	Helena, Mont.	15,329,760	13,045,440	14,288,200
Buffalo, N. Y.	613,834,840	604,720,280	625,141,350	Henderson, Ky.	4,873,140	4,775,510	4,918,700
Butler, Pa.	17,078,480	17,249,100	17,193,070	Henderson, N. C.	3,755,460	3,667,620	3,189,710
Cambridge, Mass.			129,809,200	Hibbing, Minn.	4,792,340	5,003,140	4,964,280
Camden, N. J.	73,140,130	73,229,360	74,553,120	Holyoke, Mass.	58,814,810	59,299,970	60,002,400
Canton, Ohio	60,708,220	59,381,160	58,415,000	Homestead, Pa.	12,506,040	12,652,550	12,958,780
Cape Girardeau, Mo.	4,149,600	4,219,360	2,983,230	Hot Sp. N. Park, Ark.	6,620,710	7,664,080	7,569,100
Carthage, Mo.	3,001,670	2,793,490	2,687,740	Houston, Texas	170,096,580	161,003,460	159,896,610
Casper, Wyo.	10,353,640	9,510,330	9,335,860	Huntington, W. Va.	18,223,410	19,418,540	18,746,470
Cedar Rapids, Iowa	43,945,210	41,200,500	40,312,080	Huntington Park, Calif.	1,397,100	1,397,100	1,554,270
Champaign, Ill.	10,870,430	10,862,460	9,322,640	Hutchinson, Kan.	8,906,530	8,075,110	8,362,720
Charles City, Iowa	5,270,880	5,101,750	5,154,390	Independence, Mo.	3,609,970	3,559,410	3,705,890
Charleston, S. C.	48,893,680	46,338,090	68,090,870	Indianapolis, Ind.	177,297,370	164,073,250	170,052,160
Charleston, W. Va.	36,517,160	36,937,710	37,612,370	Jackson, Mich.	21,058,810	21,677,770	22,767,850
Charlotte, N. C.	43,806,460	42,434,890	42,047,500	Jackson, Miss.	23,501,790	26,513,080	23,878,330
Chattanooga, Tenn.	52,454,920	51,103,240	51,367,100	Jacksonville, Fla.	77,030,070	75,699,800	70,366,050
Chester, Pa.	29,043,820	28,703,620	29,444,264	Jacksonville, Ill.	10,689,350	10,869,580	10,478,020
Chester, S. C.	3,373,090	3,164,420	2,733,120	Jamestown, N. Y.	40,905,060	38,604,860	38,106,850
Cheyenne, Wyo.	8,684,450	7,365,690	8,201,560	Jamestown, N. D.	3,050,940	3,005,100	3,338,410
Chicago, Ill.	2,914,108,340	2,799,901,448	2,816,498,700	Johnstown, Pa.	46,290,590	45,404,130	44,103,750
Chico, Calif.			6,468,000	Joplin, Mo.	10,942,520	12,055,900	10,485,820
Chillicothe, Mo.	3,102,610	3,021,140	2,899,360	Kalamazoo, Mich.	23,808,150	22,192,370	22,003,460
Cincinnati, Ohio	322,806,500	314,476,680	315,919,710	Kansas City, Kan.	27,506,360	25,247,040	26,128,900
Cleveland, Ohio	1,001,202,220	1,003,278,630	1,027,135,070	Kansas City, Mo.	297,947,260	289,044,550	283,639,810
Colorado Springs, Colo.	19,591,450	18,489,510	19,009,390	Kinsley, Kan.			1,200,300
Columbia, S. C.	16,640,250	17,796,330	12,771,510	Knoxville, Tenn.	42,421,740	41,421,990	40,768,440
Columbus, Ga.	14,167,860	13,389,460	14,479,020	Kokomo, Ind.	8,816,870	8,698,500	8,497,450
Columbus, Ohio	116,850,430	116,201,570	120,593,160	Kosciusko, Miss.		2,679,070	2,593,600
Connellsville, Pa.	10,728,310	10,194,160	10,257,200	LaCrosse, Wis.	15,829,780	15,748,010	15,631,040
Cordele, Ga.	1,047,140	1,178,870	1,191,470	La Fayette, Ind.	20,888,330	20,329,190	20,470,780
Corsicana, Texas	8,562,350	8,812,110	9,348,360	Lancaster, Pa.	50,209,660	49,816,800	50,896,710
Council Bluffs, Iowa	15,026,460	14,384,690	14,778,450	Lansing, Mich.	34,085,090	36,070,160	34,771,050
Dallas, Texas	176,093,110	168,009,230	168,043,295	Larned, Kan.			2,052,160
Danville, Ill.	10,205,210	9,762,360	8,964,820	LaSalle, Ill.	7,338,730	6,877,290	7,256,500
Davenport, Iowa	62,523,770	63,201,120	62,979,910	Lawrence, Kan.	5,378,420	5,130,850	5,238,030
Dayton, Ohio	60,749,920	61,651,510	60,487,540	Leavenworth, Kan.	9,118,250	8,760,900	8,624,220
Decatur, Ill.	16,387,380	15,282,880	15,618,400	Lebanon, Pa.	13,390,680	13,380,250	13,317,960
Deer Lodge, Mont.			3,541,350	Lewistown, Mont.			2,356,310
Denver, Colo.	167,409,230	160,156,930	158,160,360	Lexington, Ky.	23,825,240	27,467,610	26,287,200
Derby, Conn.	14,006,690	13,479,760	13,717,510	Liberal, Kan.			2,083,320
Des Moines, Iowa	71,673,140	68,523,100	64,917,670	Lima, Ohio	12,820,580	12,041,840	11,502,500
Detroit, Mich.	888,359,710	893,803,550	858,577,360	Lincoln, Ill.	3,838,730	3,625,440	3,360,290
Dickinson, N. D.	3,293,430	3,492,930	3,499,780	Lincoln, Neb.	30,086,580	30,528,970	28,372,800
Dodge City, Kan.	2,364,030	2,266,630	2,718,560	Little Falls, Minn.			3,042,820
Dothan, Ala.	4,857,950	4,536,310	4,941,010	Little Rock, Ark.	55,021,160	50,709,630	58,023,700
Du Bois, Pa.		7,552,540	7,438,850	Logan, Utah	5,253,430	5,235,670	5,212,660
Dubuque, Iowa	22,020,100	21,225,570	20,497,140	Long Beach, Calif.	63,424,785	62,238,750	60,361,260
Duluth, Minn.	54,311,820	51,554,940	53,274,320	Lorain, Ohio	11,748,560	11,926,080	11,877,360
Dunkirk, N. Y.	9,969,520	9,814,710	11,885,680	Los Angeles, Calif.	939,685,550	1,221,754,490	1,209,631,510
East Chicago, Ind.	10,899,620	11,319,120	11,432,070	Louisville, Ky.	157,860,130	152,189,470	146,999,630
Eau Claire, Wis.	9,709,790	9,755,810	10,002,250	Lowell, Mass.	91,872,328	92,975,650	90,675,740
Elberton, Ga.	1,060,190	1,179,220	1,173,850	Lynn, Mass.	86,586,350	87,600,960	88,161,110
Elizabeth City, N. C.			4,315,660	Macon, Ga.	9,813,160	10,928,350	10,451,930
Elkhart, Ind.		11,056,880	11,152,610	Madison, Wis.	29,921,000	32,028,870	29,355,840
El Paso, Texas	31,542,390	28,995,140	29,767,440	Manchester, N. H.	79,346,420	76,484,580	79,260,700
Elwood City, Pa.	4,103,860	4,023,730	4,113,920	Manhattan, Kan.	3,276,520	2,840,620	2,723,180
Elyria, Ohio	20,226,450	20,132,610	18,577,690	Manitowoc, Wis.	9,386,440	9,649,790	9,373,950
Emporia, Kan.	5,273,980	4,908,910	4,913,820	Mankato, Minn.	11,254,340	11,289,520	10,989,770
Enid, Okla.	11,325,750	10,751,670	9,560,470	Mansfield, Ohio	13,000,970	12,849,190	13,277,480
Ennis, Texas	2,064,070	1,933,100	1,989,910	Marion, Ohio	6,300,410	6,129,030	6,122,170
Erie, Pa.	61,864,570	58,144,740	59,723,570	Marks, Miss.			813,350

CLEARING HOUSES IN THE UNITED STATES—Continued

CITY	Jan., 1929 Deposits	July, 1929 Deposits	Jan., 1930 Deposits	CITY	Jan., 1929 Deposits	July, 1929 Deposits	Jan., 1930 Deposits
Martinsburg, W. Va.			\$ 7,568,060	Rochester, N. Y.	\$ 382,759,110	\$ 385,804,300	\$ 373,708,180
McAlester, Okla.	\$ 4,031,210	\$ 3,561,710	3,530,800	Rockford, Ill.	36,898,160	36,292,270	34,716,130
Medford, Ore.	5,948,200	5,405,410	6,201,970	Rock Island, Ill.	19,110,880	19,396,010	20,062,800
Memphis, Tenn.	96,609,000	89,017,930	97,230,850	Rocky Mount, N. C.	6,432,590	5,762,630	1,881,060
Meridian, Miss.	11,690,650	11,890,120	11,381,430	Rome, Ga.	6,793,020	5,832,070	5,964,490
Mexico, Mo.	3,387,810	3,239,450	3,211,900	Sacramento, Calif.	59,059,270	56,619,440	61,393,820
Miami, Fla.	55,560,950	59,412,690	47,373,880	Saginaw, Mich.	39,597,980	40,528,790	39,451,730
Michigan City, Ind.		8,550,230	8,747,030	St. Joseph, Mo.	39,892,930	39,118,800	37,082,730
Milledgeville, Ga.	2,184,370	2,077,380	2,126,770	St. Louis, Mo.	628,653,400	589,533,600	610,286,610
Milwaukee, Wis.	279,447,610	269,874,030	271,964,910	St. Paul, Minn.	161,833,030	144,915,940	149,662,450
Minneapolis, Minn.	345,217,610	335,912,940	339,933,760	St. Petersburg, Fla.	18,992,440	19,094,530	14,634,360
Minot, N. D.	7,681,340	7,333,810	6,921,320	Salisbury, N. C.	1,339,570	1,396,380	1,211,660
Mobile, Ala.	34,700,190	31,838,000	33,354,370	Salt Lake City, Utah	86,458,620	83,558,110	88,123,130
Modesto, Calif.	4,510,290	3,923,640	4,692,830	San Antonio, Texas	78,323,780	74,537,270	68,801,880
Moline, Ill.	25,999,430	26,159,430	27,510,070	San Bernardino, Calif.	9,739,040	9,625,740	9,641,000
Montclair, N. J.	38,469,290	38,809,560	39,133,430	San Diego, Calif.	44,317,730	47,106,080	46,608,660
Montgomery, Ala.	22,401,630	20,406,210	20,827,850	San Francisco, Calif.	1,667,400,730	1,990,188,480	1,872,093,902
Muncie, Ind.			10,135,490	San Jose, Calif.	10,019,220	9,835,770	10,441,010
Muscatine, Iowa	14,626,710	14,411,470	14,417,870	San Pedro, Calif.	4,813,620	5,093,790	5,369,110
Muskegon, Mich.	20,033,370	19,513,500	20,677,630	Santa Barbara, Calif.	8,887,060	8,910,770	9,690,770
Muskogee, Okla.	13,157,990	12,819,660	12,156,190	Santa Monica, Calif.	1,801,340	2,017,300	2,142,430
Nashville, Tenn.	99,429,890	97,264,560	100,654,160	Santa Rosa, Calif.	3,481,760	3,539,460	3,413,630
Nebraska City, Neb.	3,036,270	2,890,880	2,940,370	Sarasota, Fla.	3,694,260	2,408,670	2,676,260
New Albany, Ind.	11,805,590	11,844,330	11,648,700	Savannah, Ga.	89,177,260	85,126,970	86,973,860
New Albany, Miss.			2,073,020	Scranton, Pa.	116,381,350	110,381,180	107,056,600
Newark, N. J.	437,177,390	432,918,320	419,639,920	Seattle, Wash.	214,546,930	210,146,560	218,719,410
Newark, Ohio			17,986,660	Sedalia, Mo.	5,334,880	5,540,060	5,193,620
New Bedford, Mass.	83,648,890	83,171,650	84,162,650	Shamokin, Pa.			13,202,090
New Brighton, Pa.	3,531,630	3,423,980	3,249,150	Sheboygan, Wis.	20,255,500	20,561,740	19,455,500
New Castle, Pa.	19,439,070	18,353,260	17,876,300	Sherman, Texas	6,376,590	6,370,770	5,859,170
New Haven, Conn.	161,845,650	162,169,640	160,666,260	Sioux City, Iowa	35,860,430	37,243,670	35,045,850
Newnan, Ga.	1,806,910	1,695,100	1,863,150	Sioux Falls, S. D.	12,851,630	13,986,600	14,127,770
New Orleans, La.	265,937,370	248,122,010	249,994,600	South Bend, Ind.	39,408,300	38,238,710	37,268,600
Newport News, Va.	12,963,160	13,323,280	12,973,110	South St. Paul, Minn.	7,125,740	6,324,660	6,754,540
New Rochelle, N. Y.		39,999,760	39,477,400	Spartanburg, S. C.	11,743,350	11,037,950	9,260,310
New York, N. Y.	14,922,668,490	13,604,829,472	14,881,311,203	Spokane, Wash.	49,249,220	51,168,280	66,667,650
Niagara Falls, N. Y.	44,221,320	42,465,050	43,719,040	Springfield, Ill.	32,611,770	32,676,170	30,583,620
Norfolk, Va.	65,982,950	60,971,770	58,501,140	Springfield, Mass.	166,016,270	160,584,480	165,740,440
Norristown, Pa.	21,866,060	23,184,680	22,643,010	Springfield, Mo.	16,442,820	15,987,970	17,168,740
*Northern New Jersey Clearing House Ass'n., (33 Liberty St., New York City, N. Y.)				Springfield, Ohio	17,785,740	17,182,260	17,061,180
Oakland, Calif.	133,211,680	123,493,810	70,376,760	Stamford, Conn.	45,038,320	45,116,730	44,983,510
Ocala, Fla.			4,223,660	Sterling, Ill.	5,325,340	5,220,990	5,447,650
Oelwein, Iowa	2,652,410	2,743,300	2,682,400	Steubenville, Ohio	21,061,000	21,631,930	20,548,110
Ogden, Utah	28,382,360	25,865,170	24,853,760	Stockton, Calif.	12,342,390	11,738,760	12,344,140
Oil City, Pa.	20,648,320	19,959,020	21,342,120	Sumter, S. C.			3,638,320
*Oklahoma City, Okla.	102,913,600	91,330,750	97,303,750	Superior, Wis.	11,621,670	11,688,590	11,369,650
Okmulgee, Okla.	8,467,690	7,590,550	7,530,630	Syracuse, N. Y.	216,705,520	216,866,100	210,267,130
Olympia, Wash.	4,793,300	6,299,490	5,317,240	Tacoma, Wash.	23,823,880	24,128,980	23,603,680
Omaha, Neb.	116,504,160	113,596,390	113,046,520	Tallahassee, Fla.	4,459,730	5,086,420	5,254,420
Ontario, Calif. (Ontario and Upland)	3,778,390	3,453,570	3,601,900	Tampa, Fla.	53,100,330	32,901,640	31,778,100
Orange, N. J.	28,069,680	27,880,650	27,577,150	Terr Haute, Ind.	32,364,870	31,947,670	30,943,850
Orangeburg, S. C.	5,336,370	5,109,080	4,475,880	Texarkana, Ark.-Tex.	19,493,620	18,300,300	19,712,750
Oshkosh, Wis.	18,777,590	18,443,190	17,826,780	Thomasville, Ga.		3,480,540	3,474,080
Owensboro, Ky.	11,031,410	11,205,360	11,053,540	Toledo, Ohio	195,281,950	194,958,410	186,013,070
Palestine, Texas	3,589,730	3,288,260	3,096,934	Topeka, Kan.	32,317,810	34,501,110	31,886,920
Parsons, Kan.	3,551,460	2,974,940	2,717,670	Trenton, N. J.	100,932,310	100,983,440	97,676,660
*Pasadena, Calif.	28,518,330	29,207,140	28,619,940	Tucson, Ariz.	13,515,990	15,242,570	14,175,670
Passaic, N. J.	52,093,740	45,203,270	52,032,613	*Tulsa, Okla.	113,972,630	111,292,640	105,341,250
Paterson, N. J.	136,806,300	136,536,990	132,926,980	Tupelo, Miss.			5,881,251
Peoria, Ill.	47,315,700	46,261,030	46,829,970	Twin Falls, Idaho	4,212,390	3,966,560	4,390,740
Petersburg, Va.			5,563,060	Uniontown, Pa.		20,277,780	20,405,940
*Philadelphia, Pa.	1,963,939,940	1,883,077,390	1,869,627,750	Utica, N. Y.			91,454,420
Phillipsburg, N. J.	7,150,490	6,884,270	7,026,130	Valdosta, Ga.	4,889,590	2,622,420	3,765,940
Phoenix, Ariz.	36,204,770	38,735,710	36,600,040	Vernon, Texas			4,058,020
Pine Bluff, Ark.	13,446,380	12,920,320	15,531,040	Vicksburg, Miss.	13,113,580	11,230,730	11,338,080
Pittsburg, Kan.	7,415,720	6,761,290	6,469,600	Waco, Texas	23,663,310	22,123,290	22,953,390
*Pittsburgh, Pa.	1,000,115,330	1,002,115,610	980,475,850	Warren, Pa.	28,815,960	27,451,730	28,319,030
Pittston, Pa.	19,716,230	19,545,500	18,672,200	*Washington, D. C.	264,613,480	262,932,930	257,263,250
Pocatello, Idaho	4,485,670	4,077,210	4,619,430	Waterbury, Conn.	71,610,900	75,946,480	74,947,350
Pomona, Calif.			3,799,610	Waterloo, Iowa	14,560,980	14,241,110	13,726,910
Pontiac, Mich.	36,292,300	35,581,330	34,940,040	Watertown, S. D.	4,947,750	4,569,220	4,706,630
Portland, Me.	107,388,070	108,476,400	108,308,180	Watertown, Wis.	5,387,330	5,508,970	5,337,400
*Portland, Ore.	152,562,610	145,378,840	148,456,720	Watsonville, Calif.	4,290,410	4,184,300	4,695,260
Portsmouth, Va. (See Norfolk)				Wheeling, W. Va.	54,976,420	53,473,480	51,852,080
Pottsville, Pa.	22,228,520	22,507,520	23,246,180	*Wichita, Kan.	49,256,710	45,885,520	48,019,000
Providence, R. I.	422,699,830	415,445,320	419,433,180	Wichita Falls, Texas	23,323,370	24,246,540	20,399,000
*Pueblo, Colo.	29,697,060	24,086,650	26,226,530	Wilkes-Barre, Pa.	70,669,470	69,089,420	65,507,200
Quincy, Ill.	24,462,750	23,966,600	23,706,840	Williamsport, Pa.	24,722,580	25,004,550	23,900,980
Racine, Wis.		20,793,330	19,929,430	Wilmington, Calif.			
Raleigh, N. C.	18,719,110	19,444,770	11,586,790	Wilmington, Del.	88,857,080	85,628,130	87,042,850
Reading, Pa.	64,179,840	61,197,570	65,451,150	Wilmington, N. C.	20,408,030	18,861,620	8,418,480
Redondo Beach, Calif.	2,443,330	2,391,430	2,160,440	Winchester, Va.	7,405,220	7,591,560	7,339,010
Red Wing, Minn.	5,490,480	5,479,800	5,013,910	Winona, Minn.	15,951,900	15,461,320	14,840,640
Reno, Nev.	19,837,540	19,464,220	19,910,630	Winter Haven, Fla.	3,000,950	2,128,030	1,747,550
*Richmond, Va.	131,228,760	125,913,320	127,492,670	Worcester, Mass.	226,066,290	226,978,270	230,400,120
Riverside, Calif.	9,816,320	10,273,870	10,050,060	Yakima, Wash.	11,369,920	11,043,510	11,647,390
Roanoke, Va.	29,836,770	29,276,850	29,791,400	Yankton, S. D.	3,100,450	3,307,930	3,346,190
Rochester, Minn.	7,989,130	7,835,450	7,976,440	York, Pa.	35,388,550	36,105,720	35,287,340
				Youngstown, Ohio	74,508,560	72,029,230	74,621,940

• 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 JANUARY 1930 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 Banks†	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.....	105	240	*1	346	\$ 29,866,200	\$ 31,407,860	\$ 285,090,840	\$ 35,606,310	\$ 381,971,210	\$ 234,028,309	\$ 51,245,490	\$ 25,848,740	\$ 70,295,340	\$ 381,417,879
Alaska.....	4	9	1	14	915,000	866,770	13,413,820	119,440	15,315,030	6,117,740	5,064,030	25,848,740	70,295,340	15,315,630
Arizona.....	14	34	-----	48	6,276,000	5,679,240	92,308,100	2,188,780	106,452,120	51,810,150	30,969,500	647,740	3,486,120	106,409,820
Arkansas.....	72	334	3	409	20,883,675	14,867,460	244,430,550	11,233,720	291,415,405	161,811,050	41,818,060	4,777,470	18,852,700	291,440,460
California.....	208	219	-----	427	223,090,570	218,688,164	3,700,906,302	223,740,022	4,366,425,058	2,444,686,358	933,598,142	12,579,960	75,231,390	4,366,444,018
Colorado.....	119	154	-----	273	17,948,000	18,246,360	316,141,660	8,511,050	360,847,070	174,420,406	83,104,216	271,135,262	717,024,256	360,893,072
Connecticut.....	63	184	12	259	49,090,400	154,451,110	1,259,771,670	39,638,960	1,502,952,140	894,868,990	447,680,850	10,706,980	92,661,470	1,503,885,160
Delaware.....	16	36	-----	52	12,812,365	30,239,920	142,348,000	5,893,700	191,293,985	120,275,880	47,771,090	48,246,330	113,088,990	1,503,885,160
Dist. of Col.....	13	28	-----	41	24,726,330	27,701,710	257,623,250	18,105,740	327,797,030	183,793,680	60,525,460	6,234,610	191,250,430	326,796,850
Florida.....	60	176	-----	236	27,110,500	21,625,120	281,973,250	16,502,420	347,211,290	148,296,170	104,209,520	30,561,170	71,503,099	345,019,960
Georgia.....	75	334	32	441	45,718,875	43,909,160	453,396,565	28,072,910	571,097,510	348,984,868	71,503,099	30,841,670	119,535,060	570,864,697
Hawaii.....	1	16	-----	17	5,650,000	5,191,440	77,521,640	7,756,810	96,119,890	51,527,300	21,474,130	7,229,130	15,889,320	96,119,880
Idaho.....	43	94	-----	137	5,967,500	4,957,210	94,421,180	3,086,700	108,432,590	60,667,830	29,557,930	5,695,163	22,601,340	108,522,263
Illinois.....	480	1,255	-----	1,735	335,061,500	319,965,394	3,992,570,355	337,933,072	4,985,530,321	2,962,600,975	854,551,533	314,501,092	852,765,525	4,984,419,125
Indiana.....	218	640	*108	966	77,352,090	67,674,482	871,763,941	190,682,570	1,207,473,083	641,328,102	222,049,633	176,813,702	166,084,980	1,206,276,285
Iowa.....	251	1,002	104	1,357	65,694,300	45,835,740	885,969,960	22,389,190	1,019,889,190	601,379,954	207,480,429	54,105,369	153,422,535	1,016,388,287
Kansas.....	247	812	4	1,063	38,494,500	29,043,534	450,206,810	17,909,720	535,654,564	287,756,191	114,524,280	23,081,570	109,613,763	534,975,804
Kentucky.....	138	431	-----	569	44,393,970	47,284,472	472,469,130	83,769,880	647,917,452	413,558,830	110,904,879	39,200,750	83,687,911	647,917,452
Louisiana.....	34	192	-----	226	34,348,190	29,785,905	456,671,433	64,904,020	585,709,548	352,008,428	80,940,800	52,132,820	100,622,420	585,709,548
Maine.....	52	81	-----	133	13,775,800	38,893,020	405,852,600	20,847,420	479,368,840	233,245,970	203,286,055	13,676,230	29,042,080	479,368,840
Maryland.....	80	149	5	234	40,517,630	83,512,390	817,209,090	38,264,150	979,503,260	507,766,638	304,099,730	47,187,360	119,926,010	979,503,260
Massachusetts.....	162	293	*3	458	160,968,280	375,620,360	4,174,116,364	264,565,530	4,972,270,534	3,089,411,435	1,213,949,580	210,927,500	453,564,830	4,967,853,345
Michigan.....	129	608	107	844	113,198,461	133,812,612	1,882,502,380	133,763,920	2,263,277,373	1,116,608,890	720,715,550	122,389,880	302,264,633	2,263,277,373
Minnesota.....	267	769	-----	1,036	59,511,500	50,021,620	985,399,130	45,101,500	1,140,031,750	568,688,983	341,936,080	46,113,916	182,598,398	1,140,031,750
Mississippi.....	35	268	-----	303	16,155,930	14,513,600	243,399,120	12,731,940	286,800,590	162,163,322	54,099,890	11,929,750	58,102,084	286,800,590
Missouri.....	127	1,122	3	1,252	103,791,000	78,760,750	1,296,686,750	51,085,870	1,530,324,370	855,265,320	320,905,320	56,246,675	297,515,778	1,530,324,370
Montana.....	67	124	*1	192	11,185,000	9,019,090	169,662,880	3,592,740	193,459,710	88,717,250	57,641,370	6,932,690	40,460,010	193,459,710
Nebraska.....	165	656	-----	821	31,163,500	19,744,110	430,751,763	15,752,370	497,411,743	282,768,140	88,847,830	19,653,164	105,440,210	497,411,743
Nevada.....	10	26	-----	36	3,566,600	2,144,110	45,090,580	1,543,600	52,344,890	30,060,770	9,650,240	2,597,970	9,505,850	52,344,890
New Hampshire.....	56	68	-----	124	8,672,000	32,093,990	286,252,714	10,536,660	337,555,364	150,505,210	154,755,210	16,648,410	16,098,615	337,555,364
New Jersey.....	300	261	*5	566	144,235,090	238,604,820	2,351,842,633	140,787,121	2,875,469,664	1,514,588,430	955,639,831	141,653,025	263,124,210	2,875,469,664
New Mexico.....	27	29	-----	56	3,120,000	2,018,980	45,444,080	2,799,560	53,382,620	25,147,140	13,717,270	2,107,820	12,387,330	53,382,620
New York.....	559	532	44	1,135	967,181,950	2,273,633,470	18,628,736,614	2,128,979,060	23,998,531,093	11,613,435,603	6,407,591,580	1,633,000,040	4,336,035,162	23,998,531,093
North Carolina.....	67	372	-----	439	35,578,265	35,412,120	394,058,680	36,888,410	501,937,475	327,397,180	56,867,720	28,470,220	89,634,630	501,937,475
North Dakota.....	122	283	-----	405	12,730,500	7,155,240	158,701,370	36,373,870	214,960,980	117,703,404	53,457,230	10,088,590	33,507,170	214,960,980
Ohio.....	316	633	*59	1,008	193,396,380	212,989,360	2,740,533,408	192,767,730	3,339,686,878	2,055,917,340	637,606,420	198,190,650	446,336,320	3,339,686,878
Oklahoma.....	295	331	-----	626	35,097,150	18,651,259	483,976,760	28,518,220	566,243,389	261,448,440	149,422,930	20,721,910	133,209,145	566,243,389
Oregon.....	93	138	1	232	20,221,000	15,473,820	284,249,750	31,596,970	311,596,970	111,218,680	111,218,680	21,771,003	51,505,350	311,596,970
Pennsylvania.....	849	655	*34	1,538	368,966,775	891,205,999	5,244,043,331	419,322,390	6,923,538,495	3,461,588,967	2,268,088,866	358,434,975	834,501,372	6,923,538,495
Rhode Island.....	10	21	-----	31	14,365,000	46,974,260	510,147,380	22,442,350	593,928,990	315,835,610	221,565,710	10,902,080	45,482,550	593,928,990
South Carolina.....	44	155	*1	200	17,445,006	12,926,460	163,703,990	9,682,230	223,757,686	128,243,310	41,142,190	13,458,720	41,209,430	223,757,686
South Dakota.....	93	290	*2	385	11,667,400	8,105,260	161,741,770	3,316,290	184,830,720	94,023,930	43,892,150	10,632,420	35,909,950	184,830,720
Tennessee.....	99	396	1	496	44,602,703	40,404,589	452,492,620	66,055,670	603,191,582	360,681,860	69,651,320	63,503,370	108,466,640	603,191,582
Texas.....	602	710	78	1,390	116,891,610	87,025,820	1,200,180,649	90,881,570	1,494,979,649	807,793,922	238,809,950	84,503,460	362,113,123	1,494,979,649
Utah.....	20	84	-----	104	11,795,850	8,549,240	156,234,492	27,419,030	203,998,612	124,139,420	36,139,612	8,041,990	35,591,480	203,998,612
Vermont.....	46	58	-----	104	7,936,000	22,234,310	136,678,750	14,360,390	284,209,450	154,726,130	96,891,050	14,925,050	17,561,950	284,209,450
Virginia.....	158	309	7	474	57,076,367	52,152,565	496,002,150	60,470,740	665,701,822	453,217,580	93,575,540	31,765,000	86,719,300	665,701,822
Washington.....	103	233	-----	336	38,831,500	20,411,980	504,660,650	23,532,580	587,436,710	301,522,860	153,919,200	22,677,810	109,465,005	587,436,710
West Virginia.....	115	181	-----	296	31,613,700	35,868,100	332,485,440	27,572,330	427,539,570	282,347,380	66,468,820	24,640,600	53,785,561	427,539,570
Wisconsin.....	156	798	-----	954	71,039,000	63,522,201	958,586,121	41,497,380	1,134,614,702	663,854,470	265,142,000	48,615,130	156,909,563	1,134,614,702
Wyoming.....	25	61	-----	86	4,270,000	4,384,720	66,913,610	2,184,700	77,753,030	39,905,400	17,776,990	2,883,740	17,152,510	77,753,030
Grand Total U.S.....	7,410	16,884	616	24,910	3,835,966,912	6,052,897,276	60,679,944,074	5,100,334,735	75,669,142,997	40,465,583,101	18,987,444,785	4,438,194,134	11,742,825,439	75,634,047,459

*Under State Supervision. † This does not include corporations, firms and individuals whose names appear herein but which are doing an investment business only.

CANADA

Alberta.....	323
British Columbia.....	218
Manitoba.....	247
New Brunswick.....	104
Newfoundland.....	30
Nova Scotia.....	144
Ontario.....	1,428
Prince Edward Island.....	28
Quebec.....	722
Saskatchewan.....	470
St. Pierre et Miquelon.....	2
Yukon.....	4
Total, Canadian Banks and Bankers.....	3,720