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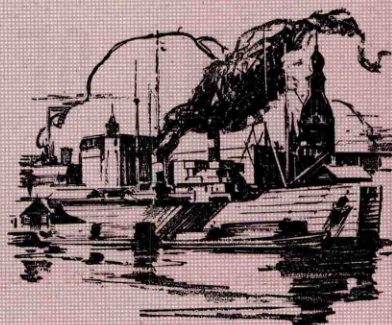
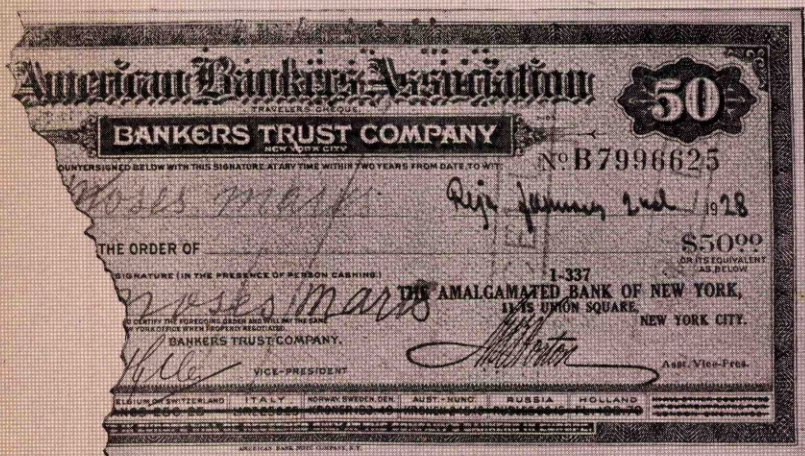
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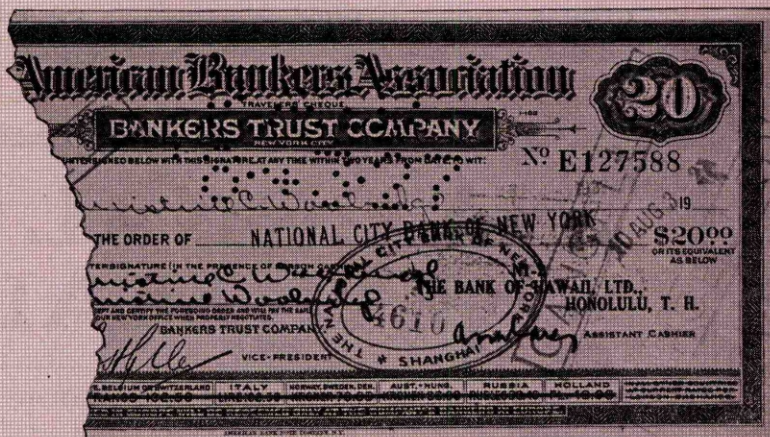
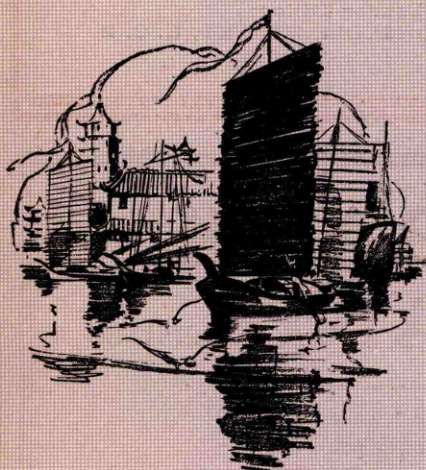
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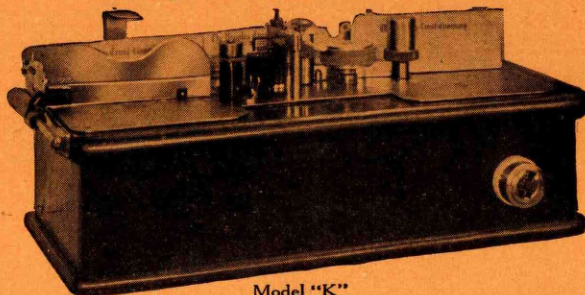
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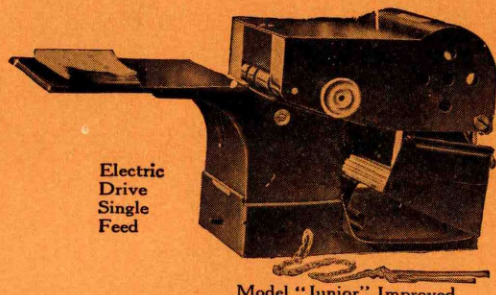
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JANUARY 1928 EDITION

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NEW YORK

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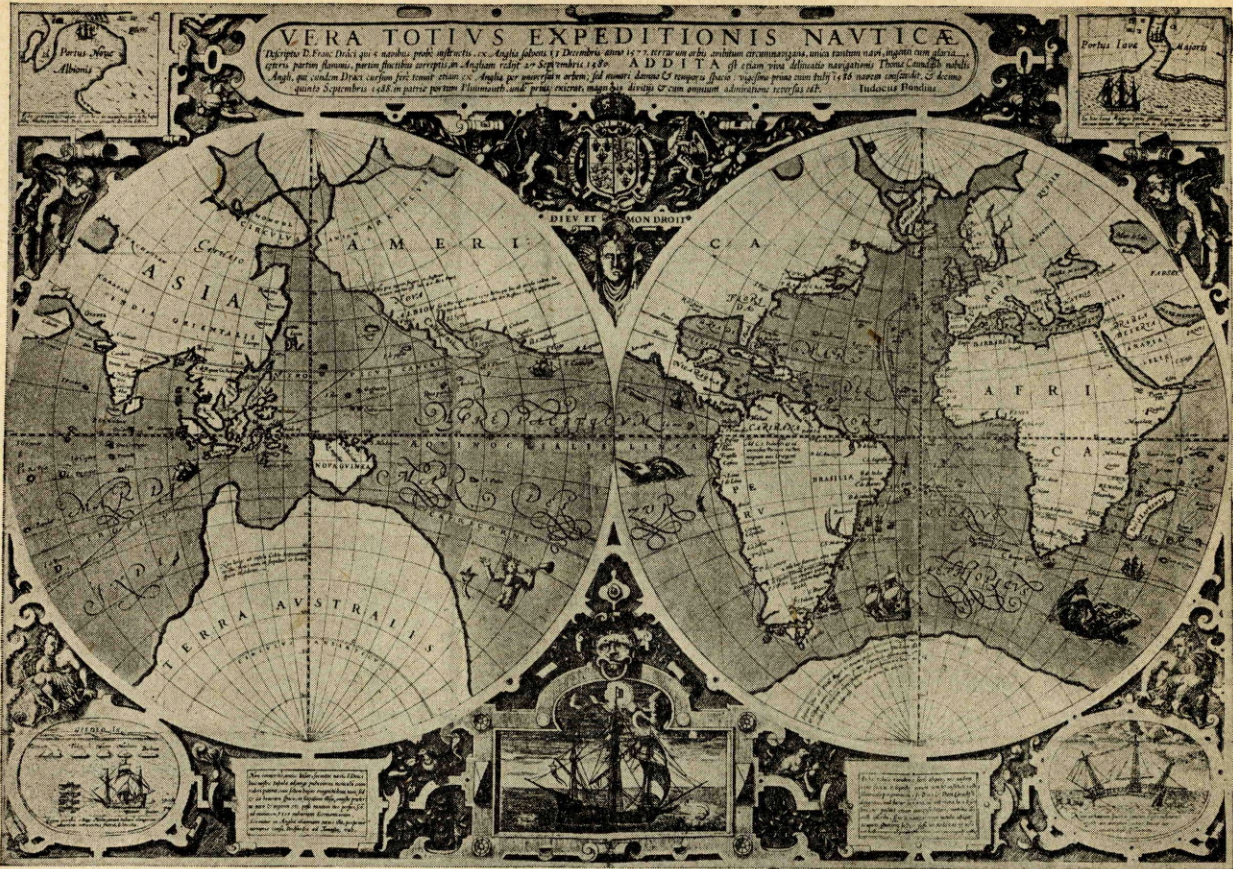
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To meet this condition, the Finding List below includes all classifications listed in every conceivable way, with cross-indexes to the standard headings and references to others closely related. For example, in the Classified Sec-

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

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CLASSIFIED SECTION

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

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

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

way and not merely according to the noun.

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

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

For Service Information, Use Coupons on Page 5G

A

1 ACCOUNTANTS AND AUDITORS

(See also Systems, Accounting)

Arnold, Morin & Co., 140 S. Dearborn, Chicago, Ill.
Burt & Co., Edw. R., 149 Broadway, New York, N. Y.
Clabaugh & Co., Wm., 1319 F. St., N. W., Washington, D. C.
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.
Laird & Co., J. K., 164 W. Jackson Blvd., Chicago, Ill.
Preston & Co., Chas. H., 610 Plymouth Bldg., Minneapolis, Minn.
Temple, Brissman & Co., 360 Robert, St. Paul, Minn.
Waters, Horace, 32 N. Dearborn, Chicago, Ill.
Wilson & Co., Douglas, 519 Ford Bldg., Great Falls, Mont.

2 ACCOUNTING DEVICES

(See also Specific Headings)

Baker-Goodyear Co., 42 Church, New Haven, Conn.
Benson & Sons, Inc., Benj. D., 11 Cliff, New York, N. Y.
Forman-Bassett Co., Cleveland, O.
Hall Lithographing Co., Topeka, Kans.
Horder's, Inc., 236 W. Lake, Chicago, Ill.
Irving-Pitt Mfg. Co., 816 Locust, Kansas City, Mo.
Le Febure Corporation, Cedar Rapids, Iowa.
Richmond & Backus Co., Detroit, Mich.
Sheppard Co., C. E., Long Island City, N. Y.
Yawman and Erbe Mfg. Co., Rochester, N. Y.

ADDING MACHINES

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

ADDRESSING MACHINES

(See Machines, Addressing)

3 ADDRESSOGRAPHS

(See also Machines, Addressing)

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

4

ADHESIVES

(See also Supplies)

Sanford Mfg. Co., 846-854 W. Congress, Chicago, Ill.
Weis Mfg. Co., Union, Monroe, Mich.

ADVERTISING BALLOONS

(See Balloons, Advertising)

5

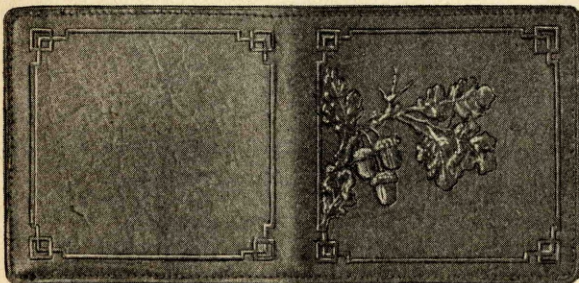
ADVERTISING, BANK

(See also Agencies, Advertising)

Ayer & Son, N. W., 308 Chestnut, Philadelphia, Pa.
Amesbury Advertising Agency, Inc., 716 Phoenix Bldg., Minneapolis, Minn.
Arkin, Advertisers Service, Inc., 422 S. Wabash Ave., Chicago, Ill.
Ayer & Son, N. W., 308 Chestnut, Philadelphia, Pa.
Bankers Adv. Bureau, 211 Wilkinson Bldg., Omaha, Neb.
Bankers Development Corp., 31 Nassau, New York, N. Y.
Bankers Printing Co., 836 Montgomery, San Francisco, Calif.
Bankers Publicity Co., Arcade Bldg., St. Louis, Mo.
Bankers Publicity Service, Inc., 1926 North Ave., Milwaukee, Wis.
Bankers Service Corp., 19 Warren St., New York, N. Y.
Bankers Thrift Corp., 2240 N. Racine, Chicago, Ill.
Bartlett Advertising Co., 230 E. Ohio, Chicago, Ill.
Batten Co., Inc., Geo., 383 Madison Ave., New York, N. Y.
BAUDER BAKER, 225 N. Michigan Ave., Chicago, Ill.
Blodgett Co., Harvey, University & Wheeler, St. Paul, Minn.
Bonsib, Inc., 701 First Nat'l Bk. Bldg., Ft. Wayne, Ind.
Bott Adv. Agency, 210-219 Home Insurance Bldg., Little Rock, Ark.
Call's Bankers Service Co., 25 E. Bay, Savannah, Ga.
The Caples Co., 452 Lexington Ave., New York, N. Y.
Collins Service, 1518 Walnut, Philadelphia, Pa.
Cradick Service Inc., 716 4th Ave., S., Minneapolis, Minn.
The Cramer-Krasselt Co., 425 Van Buren, Milwaukee, Wis.
DeLano Service, Allegan, Mich.
Doremus & Co., 44 Broad, New York, N. Y.
Dorland Agency, Inc., 101 Park Ave., New York, N. Y.
Erwin, Wasey & Co., Ltd., 844 Rush, Chicago, Ill.
Financial Advertisements Corporation, 1145 Noble, Chicago, Ill.
Findex Co., 49 E. Wells, Milwaukee, Wis.
Franklin-Studios, Inc., 236 W. 55th, New York, N. Y.

Graves, Inc., Wm. Elliott, 30 N. Michigan, Chicago, Ill.
Hahn-Rodenburg Co., Kerasotes Bldg., Springfield, Ill.
Hamman Advertising, Inc., K. L., 316 13th, Oakland, Calif.
Harrison-Rippey Adv. Co., Arcade Bldg., St. Louis, Mo.
Hawk, C. Franklin, 423 Euclid Ave., Cleveland, O.
Henri, Hurst & McDonald, 58 E. Washington, Chicago, Ill.
Hill Co., Inc., The Albert P., 233 Oliver Ave., Pittsburgh, Pa.
Illustrated Current News, 511 Chapel, New Haven, Conn.
Individualizing Co. of Ill., 1132 S. Wabash, Chicago, Ill.
Jayo Agency, Inc., Nissen Bldg., Winston Salem, N. C.
Jeffcott & Co., 421 Chestnut, Philadelphia, Pa.
Joplin Adv. Agency, W. A., Donaghey Bldg., Little Rock, Ark.
Kiplinger Washington Agency, 412 Albee Bldg., Washington, D. C.
KOHL & CO., P. J., 234 W. Huron St., Chicago, Ill.
(See our adv. on this page.)
Koss Co., Inc., O. A., 531 W. Larned, Detroit, Mich.
Lord & Thomas and Logan, 400 N. Michigan Ave., Chicago, Ill.
Lummus Bankers' Service (not inc.), Julian, Hendersonville, N. C.
McJunkin Adv. Co., 228 N. LaSalle Chicago, Ill.
McNaughton, Flint, 1512 Tower Bldg., Chicago, Ill.
Meyer-Both Co., Michigan & 20th, Chicago, Ill.
Morison, Francis R., Sloan Bldg., Cleveland, O.
Morris & Jones, Inc., Genl. Motors Bldg., New York, N. Y.
National Adv. Corp., Merch.-Laclede Bldg., St. Louis, Mo.
NATIONAL SERVICE BUREAU OF N. Y., INC., 80 John, New York, N. Y. (See our adv. on page 41G.)
Outcault Adv. Co., 221 E. 20th St., Chicago, Ill.
Pace Co., The, 14 E. Jackson Blvd., Chicago, Ill.
Pariette-Padget Co., 122 S. Michigan Ave., Chicago, Ill.
Presbrey Co., Frank, 247 Park Ave., New York, N. Y.
Price & Co., Inc., Henry F., 15 E. 40th, New York, N. Y.
PURSE PRINTING CO., Chattanooga, Tenn.
(See our adv. on page 14G.)
RAND McNALLY & CO., 536 S. Clark St., Chicago, Ill.
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.
Ross Co., Inc., F. J., 119 W. 40th, New York, N. Y.
Scovil Bros. & Co., Inc., 75 West St., New York, N. Y.
Selling Aid, 6 N. Michigan Ave., Chicago, Ill.
Shuman-Haws Adv. Co., 820 Tower Court, Chicago, Ill.
Slogan Advertising Agency, 128 E. Main, Norris town, Penn.

ADVERTISING LEATHER GOODS & NOVELTIES



CHECK COVERS
PASS BOOKS
BILL FOLDS
CARD CASES—PURSES
LETTER HOLDERS
KEY CASES
MEMO BOOKS

Thermometers—Pencils—Blotters—
Calendars—Rulers—Fans—Signs—
Cloth, Metal, Wood
and Celluloid Specialties



P. J. KOHL & COMPANY

224-30 W. Huron Street

CHICAGO, ILLINOIS

PHONES: SUPERIOR 5214-7842

ADVERTISING, BANK—CONTINUED

SMITH CO., K. L., 1486 Union Tr. Bldg., Cleveland, O. (See our adv. on this page.)
 Smith, Inc., McCurdy, 70 Fifth Ave., New York, N. Y.
 Staples & Staples, Inc., 10 S. 10th, Richmond, Va.
 Stuart Hooper Co., 4007 Michigan Ave., Chicago, Ill.
 Street & Finney, Inc., 40 W. 40th, New York, N. Y.
 Thompson Co., J. W., 420 Lexington Ave., New York, N. Y.
 Thrift Builders, Inc., 214 W. Water, Milwaukee, Wis.
 Union Savings Systems Co., 131 N. Duke St., Lancaster, Pa.
 Wessel Co., 121 N. Green, Chicago, Ill.
 Wessling Services, Lytton, Iowa.
 Wilson, Inc., Edwin Bird, 9 Hanover, New York, N. Y.
 Winchell Adv. Agency, H. C., 230 E. Ohio, Chicago, Ill.

6 ADVERTISING, BILLBOARD

(See also Signs)

Al Fresco Advertising Co., 900 S. Grand, St. Louis, Mo.
 Coshocton Specialty Co., Coshocton, O.
 Follis Adv. Service, W. E., 159 N. State, Chicago, Ill.
 General Outdoor Advertising Co., Inc., 1 Park Ave., New York, N. Y.
 North American Service Co., 105 W. Monroe, Chicago, Ill.
 Sunset System, 2323 Broadway, San Antonio, Tex.

7 ADVERTISING BLOTTERS

(See Blotters, Advertising)

Murphy Co., Thos. D., 110 S. 2d, Red Oak, Ia.
RAND McNALLY & CO., 536 S. Clark St., Chicago, Ill.
 Thiel & Co., E. C., 3731 N. Clark, Chicago, Ill.

ADVERTISING CUT SERVICE

(See Service, Advertising Cut)

8 ADVERTISING, BUILDING AND LOAN

National Service Bureau of New York, Inc., 80 John, New York, N. Y.

ADVERTISING DATA SERVICE

(See Service, Advertising Data)

9 ADVERTISING, DIRECT MAIL

Bankers Service Corp., 19 Warren, New York, N. Y.
 Bartlett Adv. Co., 230 E. Ohio, Chicago, Ill.
 Baumgarth Co., John, 1219 W. Washington Blvd., Chicago, Ill.
 Blodgett Co., Harvey, University & Wheeler, St. Paul, Minn.

Bott Adv. Agency, 210-219 Home Insurance Bldg., Little Rock, Ark.
 Call's Bankers Service Corp., 25 E. Bay, Savannah, Ga.
 Collins Service, 1518 Walnut, Philadelphia, Pa.
 Craddock Service, Inc., 716 4th Ave., S., Minneapolis, Minn.
 DeLano Service, Allegan, Mich.
 Eastern Film Corp., 220 W. 42d, New York, N. Y.
 Electograph Advertising Service, Inc., 1132 Wabash Ave., Chicago, Ill.
 Financial Advertisements Corporation, 1145 Noble Chicago, Ill.
 Graves, Inc., Wm. Elliott, 30 N. Michigan, Chicago, Ill.
 Griffith-Stillings Press, 368 Congress, Boston, Mass.
 Hahn-Rodenburg Co., Kerasotes Bldg., Springfield, Ill.
 Hamman Adv. Inc., K. L., 316 13th, Oakland, Cal.
 Hawk, C. Franklin, 423 Euclid, Cleveland, O.
 Hooven Letters, Inc., 387 Fourth Ave., New York, N. Y.
 Jeffcott & Co., 421 Chestnut, Philadelphia, Pa.
 Joplin Adv. Agency, W. A., Donaghey Bldg., Little Rock, Ark.
 Kier Letter Co., 538 S. Clark St., Chicago, Ill.
 Koss Co., Inc., O. A., 531 W. Larned, Detroit, Mich.
 Los Angeles Addressing & Mailing Co., 1351 S. Olive, Los Angeles, Cal.
 National Mailadvertising Co., 1775 Broadway, New York, N. Y.
 National Service Bureau of New York, Inc., 80 John, New York, N. Y.
 Nichols & Brown, Tribune Tower, Chicago, Ill.
 Parlette-Padget Co., 122 S. Michigan, Chicago, Ill.
 Price & Co., Inc., Henry F., 15 E. 40th, New York, N. Y.
PURSE PRINTING CO., 435 Chestnut, Chattanooga, Tenn.
 Reed & Banker Associates, P. M., Tribune Tower, Chicago, Ill.
 Rose, Inc., Wm. Ganson, 3030 Euclid, Cleveland, O.
SMITH CO., K. L., 1486 Union Tr. Bldg., Cleveland, Ohio.
 Staples & Staples, Inc., 10 S. 10th, Richmond, Va.
 Thrift Builders, Inc., 214 W. Water, Milwaukee, Wis.
 Wessling Services, Lytton, Iowa.
 Wilson, Inc., Edwin Bird, 9 Hanover, New York, N. Y.
 Wrightson Christmas Club Co., Inc., 129 N. 12th, Philadelphia, Pa.

10 ADVERTISING MAPS

RAND McNALLY & CO., 538 S. Clark St., Chicago, Ill. (See our adv. on page 4G.)

11 ADVERTISING, MOTION PICTURE

(See also Machines, Motion Picture)

The Davis Bulletin Co., Inc., 12-16 Lock, Buffalo, N. Y.
 Geraghty Advertising Service, Inc., 465 W. Chicago Ave., Chicago, Ill.
 Lockren Film & Slide Co., Wm. A., 16 N. 4th, Minneapolis, Minn.

ADVERTISING, NEWSPAPER

(See Advertising, Bank)

ADVERTISING NOVELTIES

(See Novelties, Advertising)

12 ADVERTISING, POSTER

(See also Advertising, Window Display)

Blodgett Co., Harvey, University & Wheeler, St. Paul, Minn.
 Chicago Thrift Co., 1100 Washington Blvd., Chicago, Ill.
 Coleman Co., David A., 110 Locust, St. Louis, Mo.
 The Davis Bulletin Co., Inc., 12-16 Lock, Buffalo, N. Y.
 Dispatch Photo News Service, Inc., 207 W. 25th, New York, N. Y.
 Elliott Service Co., 242 W. 55th, New York, N. Y.
 Franklin-Studios-Inc., 236 W. 55th, New York, N. Y.
 General Outdoor Advertising Co., Inc., 1 Park Ave., New York, N. Y.
 Meyer Both Co., Michigan & 20th, Chicago, Ill.
 Meylen Company, 360 N. Michigan Ave., Chicago, Ill.
NATIONAL SERVICE BUREAU OF NEW YORK, INC., 80 John, New York, N. Y. (See our adv. on page 41G.)
 Nichols & Brown, Tribune Tower, Chicago, Ill.
 Wilson, Inc., Edwin Bird, 9 Hanover, New York, N. Y.

13 ADVERTISING SPECIALTIES

(See Specialties, Advertising; also Novelties, and specific headings)

Economy Advertising Co., Linn & Market, Iowa City, Ia.
 Empire Notion Co., 270 W. 38th St., New York, N. Y.
 Lakeside Mfg. Co., 440 W. Superior, Chicago, Ill.
 Mayer Mfg. Corp., 1436 Randolph, Chicago, Ill.
RAND McNALLY & CO., 536 S. Clark St., Chicago, Ill.
 Statter Bros., A. J. G., 619 Brisbane Bldg., Buffalo, N. Y.
 Thrift Builders, Inc., 214 W. Water, Milwaukee, Wis.
 Wrightson Christmas Club Co., Inc., 129 N. 12th, Philadelphia, Pa.

14 ADVERTISING, STREET CAR

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

15 ADVERTISING, TRUST DEPARTMENT

(See Advertising, Bank; also Advertising, Direct Mail)

PURSE PRINTING CO., Chattanooga, Tenn. (See our adv. on this page.)
SMITH CO., K. L., 1486 Union Tr. Bldg., Cleveland, Ohio.

16 ADVERTISING, WINDOW DISPLAY

(See also Advertising, Poster and Machines, Motion Picture)

American Signs Corporation, Willard & Cooley Sts., Kalamazoo, Mich.
 Bankers Educational Bureau, 2326 Clybourn, Milwaukee, Wis.
 Bankers Thrift Corp., 2240 N. Racine, Chicago, Ill.
 Central Scientific Co., 460 E. Ohio, Chicago, Ill.
 Bauder-Baker, 225 N. Michigan Ave., Chicago, Ill.
 Chicago Thrift Co., 1100 Washington Blvd., Chicago, Ill.

K. L. Smith Company

Financial Advertising

Union Trust Building

CLEVELAND, OHIO

Newspaper

Window and Lobby Displays

Direct Mail

Service Charge Campaigns



PURSE PRINTING COMPANY

MAIN OFFICE AND PLANT, CHATTANOOGA, TENNESSEE — BRANCHES AT NEW YORK AND CHICAGO

HEADQUARTERS FOR TRUST DEPARTMENT ADVERTISING

ADVERTISING, WINDOW DISPLAY—CONTINUED

Coleman Co., David A., 110 Locust St., St. Louis, Mo.
 The Davis Bulletin Co., Inc., 12-16 Lock, Buffalo, N. Y.
 Dispatch Photo News Service, Inc., 207 W. 25th, New York, N. Y.
 Elliott Service Co., 242 W. 55th, New York, N. Y.
 Gritt, Ragsdale & Co., Indianapolis, Ind.
ILLUSTRATED CURRENT NEWS, 511 Chapel, New Haven, Conn.
 Lummus Bankers Service (not inc.), Julian, Hendersonville, N. C.
 Meylen Company, 360 N. Michigan, Chicago, Ill.
NATIONAL SERVICE BUREAU OF NEW YORK, INC., 80 John, New York, N. Y. (See our adv. on page 41G.)
 Nichols & Brown, Tribune Tower, Chicago, Ill.
 Onli-Wa-Fixture Co., St. Paul Ave., Dayton, O.
 Scene in Action Corp., 1603 S. Michigan Ave., Chicago, Ill.
 Smith Co., K. L., 1486 Union Tr. Bldg., Cleveland, Ohio.
 Spangler Mfg. Co., 160 N. Wells, Chicago, Ill.
 Standard Slide Corp., 209 W. 48th, New York, N. Y.
 Steel Products Corp. of Calif., 268 First, San Francisco, Cal.
 Thiel & Co., E. C., 3731 N. Clark, Chicago, Ill.
 Thrift Service Co., 2128 Richland Ave., Cleveland, Ohio
 Wessling Services, Lytton, Iowa.

AFFIXERS, STAMP
 (See Stamp Affixers)

17 AGENCIES, ADVERTISING
 (See also Advertising, Bank)

Aitkin-Kynett Co., 1420 Walnut, Philadelphia, Pa.
 Amesbury Adv. Agency, Inc., 716 Phoenix Bldg., Minneapolis, Minn.
 Arkin Advertisers Service, Inc., 422 S. Wabash Ave., Chicago, Ill.

Ayer & Son, N. W., 308 Chestnut, Philadelphia, Pa.
 Bankers Service Corp., 19-21 Warren, New York, N. Y.
 Bartlett Adv. Co., 230 E. Ohio, Chicago, Ill.
 Batten Co., Inc., Geo., 383 Madison Ave., New York, N. Y.
 Bauder-Baker, 225 N. Michigan Ave., Chicago, Ill.
 Bonsib, Inc., 701 First Nat'l Bk. Bldg., Ft. Wayne, Ind.
 Bott Advertising Agency, Home Insurance Bldg., Little Rock, Ark.
 The Caples Co., 452 Lexington Ave., New York, N. Y.
 Cramer-Krasselt Co., 425 Van Buren, Milwaukee, Wis.
 D'Evelyn & Wadsworth, 405 Montgomery, San Francisco, Cal.
 Dorland Agency, Inc., 255 Madison, New York, N. Y.
 Ferry-Hanly Adv. Co., 1110 Grand, Kansas City, Mo.
 Frank & Co., Albert, 14 Stone, New York, N. Y.
 Geyer Co., 3d N. Bldg., Dayton, Ohio.
 Hamman Adv., Inc., K. L., 316 13th, Oakland, Cal.
 Harrison-Rippey Adv. Co., Arcade Bldg., St. Louis, Mo.
 Hill Co., Inc., Albert P., 233 Oliver Ave., Pittsburgh, Pa.
 Jayo Agency Inc., Nissen Bldg., Winston Salem, N. C.
 Joplin Adv. Agency, W. A., Donaghey Bldg., Little Rock, Ar.
 Kraff Adv. Agency, Marquette Bldg., Minneapolis, Minn.
 Lord & Thomas and Logan, 400 N. Michigan Ave., Chicago, Ill.
 Lyddon & Hanford Co., 11 James, Rochester, N. Y.
 McCann Co., H. K., 285 Madison Ave., New York, N. Y.
 McLain-Simpers Org., 1411 Walnut, Philadelphia, Pa.

Meyers and Golden Inc., Graybar Bldg., New York N. Y.
 Morison, Francis R., Sloan Bldg., Cleveland, O.
 Murphy, Inc., C. D., 35 E. Wacker Drive, Chicago Ill.
 Nathan Adv. Co., 22 W. Monroe, Chicago, Ill.
 Porter-Eastman-Byrne Co., 22 W. Monroe, Chicago, Ill.
 Powers-House Co., 642 Hanna Bldg., Cleveland, O.
 Pratt-Moore Adv. Co., 1926 Ford Bldg., Detroit, Mich.
 Reed and Banker Associates, P. M., Tribune Tower, Chicago, Ill.
 Rose Inc., Wm. Ganson, 3030 Euclid Ave., Cleveland, O.
 Ross Co., Inc., 119 W. 40th, New York, N. Y.
 Smith Inc., McCurdy, 70 Fifth Ave., New York, N. Y.
 Staples & Staples, Inc., 10 S. 10th, Richmond, Va.
 Street & Finney, Inc., 40 W. 40th, New York, N. Y.
 Thompson Co., J. W., 420 Lexington Ave., New York, N. Y.
 Thrift Builders, Inc., 214 W. Water, Milwaukee, Wis.
 Wilson, Inc., Edwin Bird, 9 Hanover, New York, N. Y.
 Winchell Adv. Agency, H. C., 230 E. Ohio, Chicago, Ill.

18 AGENCIES, DETECTIVE

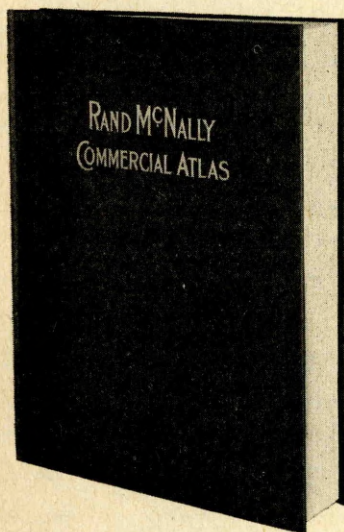
Burns Int'l Detective Agency, Wm. J., New York, N. Y.
 Pinkerton Natl. Detective Agency, New York, N. Y.

19 AGENCIES, MERCANTILE

Bradstreet Co., 346 Broadway, New York, N. Y.
 Duns Review, New York, N. Y.
 Hill's Reports, Inc., 22 W. Adams, Chicago, Ill.

20 AGENTS, NATIONAL BANK

Kiplinger Washington Agency, Albee Bldg., Washington, D. C.
PRATT & SONS, INC., A. S., Wilkins Bldg., Washington, D. C.



*For further information
 ask for free descriptive
 circular No. 78 CM*

Bankers Use

RAND McNALLY

COMMERCIAL ATLAS SERVICE

As a dependable guide to underlying values in analyzing bonds and commercial paper.

As a practical aid when advising clients about markets, sales problems, shipping and traffic matters, consolidations and expansions, investments of private and corporate reserves.

To study the growth, development, characteristics, accessibility and purchasing power of any part of the United States and all other parts of the world.

RAND McNALLY & COMPANY
Map Headquarters

270 Madison Avenue
 NEW YORK

536 S. Clark Street
 CHICAGO

559 Mission Street
 SAN FRANCISCO



THE MINERS NATIONAL BANK
 POTTSVILLE, PA.

(Note new low type of counterscreen which is becoming popular.)

A THOROUGH knowledge of the constantly improved methods of handling bank business and the increasing scope of activities participated in by financial institutions is more essential today than ever before. Only a firm specializing in bank design can afford the time to note these changes and study their effects.

An opportunity to discuss your building problem with you would be welcome.

UFFINGER, FOSTER & BOOKWALTER

INCORPORATED

FORMERLY

MOWBRAY & UFFINGER

INCORPORATED

ARCHITECTS

BANK EQUIPMENT & VAULT ENGINEERS

221 WEST 57th STREET
 NEW YORK

21 AIR DRIERS

American Airdry Corp., 7720 S. Chicago Ave., Chicago, Ill.

22 AIR PURIFIERS

Art Metal Products Co., 514 S. Green, Chicago, Ill.
 Reed Air Filter Co., Inc., 215 Central Ave., Louisville, Ky.

ALARMS

(See specific headings: Burglar Alarms, Fire Alarms, Hold-up Alarms)

23 ANNUNCIATORS

(See also Supplies, Electrical)

Bankers Educational Bureau, 2326 Clybourn, Milwaukee, Wis.

24 APPLIANCES, MAP

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

25 APPRAISERS

American Appraisal Co., 165 E. Michigan, Milwaukee, Wis.

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

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

26 ARCHITECTS

(See also Architects and Builders)

Bankers Architectural & Engineering Co., 122 S. Michigan, Chicago, Ill.

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

Brunner & Simmons, Inc., 327 S. La Salle, Chicago, Ill.

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

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

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

Curlett and Beelman, Inc., 1020 Union Bk. Bldg. Los Angeles, Cal.

Diball & Owen, Interstate Bldg., New Orleans, La.

Edwards & Sayward, 101 Marietta, Atlanta, Ga.

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

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

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

Lane & Co., H. L., 225 N. Michigan Ave., Chicago, Ill.

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

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

Marye, Alger & Vinour, 801 Walton Blvd., Atlanta, Ga.

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

Morgan, Dillon & Lewis, 707 Grant Bldg., Atlanta, Ga.

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

Scheitler & Wenisch, 605 Michigan Ave., N., Chicago, Ill.

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

Stern, Eugene John, 708 A. O. U. W. Bldg., Little Rock, Ark.

Stiles Co., Geo. W., 159 E. Ontario, Chicago, Ill.

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

Uffendell, W. Gibbons, 390 S. State, Chicago, Ill.

UFFINGER, FOSTER & BOOKWALTER, INC., 22 W. 57th, New York, N. Y. (See our adv. on this page.)

Walker & Eisen, 1031 S. Broadway, Los Angeles, Cal.

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

27 ARCHITECTS AND BUILDERS

Bankers Architectural & Engineering Co., 122 S. Michigan, Chicago, Ill.
Beach Co., W. W. Sioux City, Iowa.
J. Williams Beal, Sons, 185 Devonshire, Boston, Mass.
Bond-Hubbard Co., 38 S. Dearborn, Chicago, Ill.
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, 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.
Moorman & Co., A., Ch. of Com. Bldg., St. Paul, Minn.
Rives-Strong Building, Inc., 112 W. 9th, Los Angeles, Cal.
St. Louis Bank Bldg. & Equipment Co., 906 Sidney St., St. Louis, Mo.
Stiles Co., Geo. W., 159 E. Ontario, Chicago, Ill.
Taylor-Palmer Co., 49 E. Wells, Milwaukee, Wis.
Tilghman Moyer Co., 141 N. 9th, Allentown, Penn.
Weary & Alford Co., 1923 Calumet, Chicago, Ill.
Wise Co., Inc., J. H., 911 Syndicate Tr. Bldg., St. Louis, Mo.

28 ARCHITECTURAL BRONZE

(See Bronze, Architectural and Ornamental)
Taylor-Palmer Co., 49 E. Wells, Milwaukee, Wis.

29 ATLASES, COMMERCIAL

RAND McNALLY & CO., 536 S. Clark St., Chicago, Ill. (See our adv. on page 15G.)

31 ATTORNEYS, PATENT

Coleman, Watson E., 724 Ninth St., N. W., Washington, D. C.
Lacey & Lacey, 635 F, N. W., Washington, D. C.
Parker, C. L., McGill Bldg., Washington, D. C.
Stevens & Co., Milo B., 638 F St., Washington, D. C.

34 AUTO TRAILS MAPS

RAND McNALLY & CO., 536 S. Clark St., Chicago, Ill. (See our adv. on page 49G.)

B

BADGES

32
Adcraft Mfg. Co., 2448 W. 22d, Chicago, Ill.
Atlanta Rubber Stamp & Stencil Works, 76 N. Forsyth, Atlanta, Ga.
Chicago Pencil Co., 747 E. 42d, Chicago, Ill.
Childs & Co., S. D., 136 S. Clark, Chicago, Ill.
Green Duck Co., 1725 W. North, Chicago, Ill.
Matthews & Co., Jas. H., 3942 Forbes, Pittsburgh, Pa.
Pacific Rubber Stamp Co., 918 S. Main, Los Angeles, Cal.
Parisian Novelty Co., 3510-26 S. Western, Chicago, Ill.
Sachs Lawlor Co., 1543 Larimer, Denver, Colo.
Southern Stamp & Stencil Co., 48½ Forsyth, Atlanta, Ga.
Swisher Mfg. Co., R. D., 411 S. Clinton, Chicago, Ill.
Thrift Builders, Inc., 214 W. Water, Milwaukee, Wis.

BAGS, COIN

33
ABBOTT COIN COUNTER CO., 143d & Wales Ave., New York, N. Y.
American Beauty Cover Co., 1902 Orange, Dallas, Tex.
Bemis Bros. Bag Co., 601 S. 4th, St. Louis, Mo.
Bushong & Co., Park & Stark, Portland, Ore.
Chase Bag Co., 206 S. Water, Milwaukee, Wis.
Continental Bank-Supply Co., Mexico, Mo.
Downey Co., C. L., 941 Clark, Cincinnati, O.
Economy Advertising Co., Linn & Market, Iowa City, Iowa
Federal Bag Co., 3500 S. Morgan, Chicago, Ill.
Ferre Co., E. H., 61 Richmond Ave., Lockport, N. Y.
Fulton Bag & Cotton Mills, 170 Boulevard, S. E., Atlanta, Ga.
Gaylord Bros., Inc., 155 Gifford, Syracuse, N. Y.
Knight-Counihan Co., 32 Clay, San Francisco, Cal.
Leather Products Co., Iola, Kans.
Porter Safety Seal Co., 163 W. Harrison, Chicago, Ill.
Quality Park Envelope Co., Midway (Quality Park), St. Paul, Minn.
Spurgin Mfg. Co., 7011 Vincennes Ave., Chicago, Ill.
Strayer Coin Bag Co., New Brighton, Pa.
Troy Sunshade Co., 710 Lincoln Ave., Troy, O.

BALING MACHINES

(See Machines, Baling)

34 BALLOONS, ADVERTISING

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

BANK ADVERTISING

(See Advertising, Bank)

BANK FORMS

(See Forms, Bank; also specific headings)

35 BANKERS DIRECTORIES

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

36 BANKING MAGAZINES

(See Magazines, Banking)
BANKERS MONTHLY, THE, 536 S. Clark St., Chicago, Ill. (See our adv. on page 45G.)

37 BANKING TEXTBOOKS

(See Textbooks, Banking)
RAND McNALLY & CO., 536 S. Clark St., Chicago, Ill.

BANKS, HOME SAVINGS

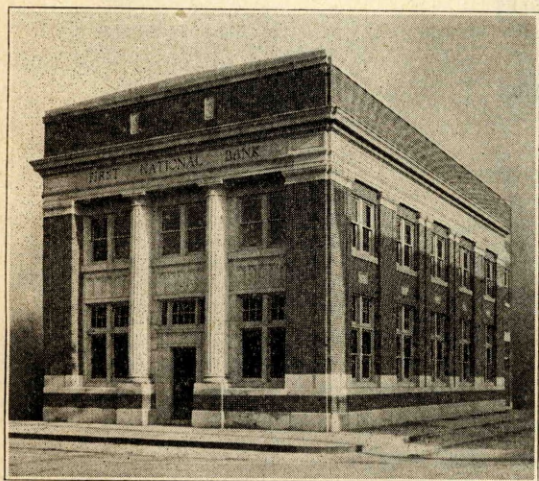
(See Savings Banks, Home and Pocket)

38 BILL FOLDS

American Art Works, Inc., Coshocton, O.
Baker Mfg. Co., Oliver, 315 First Ave. N., Minneapolis, Minn.
Beach Leather Co., 1301 E. Walnut, Coshocton, O.
Buckeye Leather Co., Chestnut St., Coshocton, O.
Continental Bank-Supply Co., Mexican, Mo.
Ferree Co., E. H., 61 Richmond Ave., Lockport, N. Y.
Humphreys Leather Goods Co., Inc., 221 W. Randolph, Chicago, Ill.
KOHL & CO., P. J. 224 W. Huron, Chicago, Ill.
Meeker Co., Inc., 3d & Michigan, Joplin, Mo.
Nutry, John, 85 Adams, Brooklyn, N. Y.
Steteler-Lewis Mfg. Co., 515 Jackson, Dallas, Tex
Texas Novelty Adv. Co., Hillsboro, Tex.
Thrift Builders, Inc., 214 W. Water, Milwaukee, Wis.
Weinman Bros., 421 S. Wells, Chicago, Ill.
Young & Gardner Co., 655 S. Wells, Chicago, Ill.

BILLING MACHINES

(See Machines, Billing)



FIRST NATIONAL BANK
Richmond, Mich.

Creative Construction
coupled with
Organized Ability

produced this charming little bank building at a remarkably low cost. An attractive building, with its interior arrangement and equipment properly co-ordinated and designed to fit the locality and bank's clientele, can not fail to help stimulate increased business.

Call us in on your problems and let us explain our GUARANTEED COST form of Contract, covering the complete design, construction and equipment. There will be no obligation for such consultation.

BOND-HUBBARD COMPANY
BANK BUILDERS

1461 First National Bank Building CHICAGO, ILLINOIS

39 BINDERS, CHECK

American Beauty Cover Co., 1902 Orange, Dallas, Tex.
 Bankers Printing Co., 836 Montgomery, San Francisco, Cal.
 Cokrum Printing Co., J. W., Oakland City, Ind.
 Falconer Co., Baltimore, Md.
 Moore Corp., John C., 65 Stone, Rochester, N. Y.
 Proudfit Loose Leaf Co., 10 Logan St., S. W., Grand Rapids, Mich.
 Pugh & Co., H. G., 417 Main, Little Rock, Ark.
 Smith Ptg. Co., Inc., 225 E. Third, Williamsport, Pa.

40 BINDERS, LOOSE LEAF

Adams Mfg. Co., Henry T., 8561-69 S. Chicago, Chicago, Ill.
 American Bank Supply Co., 628 N. Illinois, Indianapolis, Ind.
 American Bindery Corp., 1310 Maple, Detroit, Mich.
BARNARD STATIONERY CO., GEO. D., 3863 Laclede Ave., St. Louis, Mo.
 Benson & Sons, Inc., Benj. D., 11 Cliff, New York, N. Y.
 Boorum & Pease Co., 84 Hudson Ave., Brooklyn, N. Y.
 Brooks Co., 1241 Superior Ave., Cleveland, Ohio.
 Buchan-White Loose Leaf Co., 1906 Pine, St. Louis, Mo.
 Carrithers & Co., 108 N. Wells, Chicago, Ill.
 Commercial Lithographing Co., 815 W. Market, Louisville, Ky.
 Curtis 1000 Inc., 1000 University, St. Paul, Minn.
 Foote & Davis Co., Edgewood & Pryor, Atlanta, Ga.
 Irving-Pitt Mfg. Co., 816 Locust, Kansas City, Mo.
 Klio Loose Leaf Co., Mason City, Ia.
 Lefax, Inc., 9th & Sansom, Philadelphia, Pa.
 Le Febure Corporation, Cedar Rapids, Iowa.
 Lion Systems, Inc., 178 W. Jackson Blvd., Chicago, Ill.
 Lloyd Co., W. G., 6265 Clark, Chicago, Ill.
 McDonald Ledger & Loose Leaf Co., 1809 Summerdale, Chicago, Ill.
 Mann Co., William, 529 Market, Philadelphia, Pa.
 Moore Corp., John C., 65 Stone, Rochester, N. Y.
 National Blank Book Co., Holyoke, Mass.
 Omaha Printing Co., 1301 Farman Ave., Omaha, Neb.
 Pettibone & Co., P. F., 27 N. Desplaines, Chicago, Ill.
 Proudfit Loose Leaf Co., 10 Logan St., S. W., Grand Rapids, Mich.
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 Co., 342 Broadway, Milwaukee, Wis.
 Tallman, Robbins & Co., 314 W. Superior, Chicago, Ill.
 Three B Products, Inc., 250 Park Ave., New York, N. Y.
 Western Lithograph Co., 600 E. Second, Los Angeles, Cal.
 Wilson-Jones Loose Leaf Co., 3300 Franklin Blvd., Chicago, Ill.
 Workman Mfg. Co., 1200 W. Monroe, Chicago, Ill.

41 BINDERS, TICKET

Blaine Systems Co., 140 Glenridge Ave., Montclair, N. J.
 Remington Rand Business Service, Inc., 374 Broadway, New York, N. Y.

BINDING MACHINES

(See Machines, Binding)

BINDING STRAPS

(See Straps, Binding)

42 BLACKBOARDS

Davenport-Taylor Mfg. Co., 412 Orleans, Chicago, Ill.
 Tablet & Ticket Co., 1015 W. Adams, Chicago, Ill.

43 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.
 Western Blind & Screen Co., Los Angeles, Cal.
 Wilson Corp., J. G., 11 E. 36th, New York, N. Y.

44 BLOTTERS, ADVERTISING

Albermarle Paper Mfg. Co., The, Richmond, Va.
 American Art Works, Coshocton, Ohio.
 American Calendar Co., Inc., Greenville, Tenn.
 Bankers Thrift Corp., 2240 N. Racine, Chicago, Ill.
 Blanchard Co., 692 Benton, Aurora, Ill.
 Brown & Bigelow, Quality Park, St. Paul, Minn.
 Call's Bankers Service Corp., 25 E. Bay, Savannah, Ga.
 Chicago Thrift Co., 1100 Washington Blvd., Chicago, Ill.
 Colson Co., U. O., Paris, Ill.
 Commercial Lithographing Co., 815 W. Market, Louisville, Ky.
 Continental Bank Supply Co., Mexico, Mo.
 Cruver Mfg. Co., 2456 W. Jackson, 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.
 Goes Lithographing Co., 42 W. 61st, Chicago, Ill.
 Grand Rapids Calendar Co., 906 Division, Grand Rapids, Mich.
 Kemper Thomas Co., Park Ave., Norwood Sta., Cincinnati, Ohio.
 Knight Counihan Co., 32 Clay, San Francisco, Cal.
 Martin Co., The Frank, Marshall Bldg., Cleveland, Ohio.
 Miller Bank Service, 5775 Ridge, Chicago, Ill.
 Murphy Co., The Thos. D., Red Oak, Ia.
 National Service Bureau of New York, Inc., 80 John, New York, N. Y.
 Osborne Co., 759 Summer Ave., Newark, N. J.
 Parisian Novelty Co., 3510 S. Western Ave., Chicago, Ill.
RAND McNALLY & CO., 536 S. Clark St., Chicago, Ill.
 Schwabacher-Frey Sta. Co., 735 Market, San Francisco, Cal.
 Shaw Advertising Co., 520 Produce Exch. Bldg., Kansas City, Mo.
 Slogan Advertising Co., 128 E. Main, Norristown, Pa.
 Smith Ptg. Co., 225 E. 3d, Williamsport, Pa.
 Strayer Coin Bag Co., New Brighton, Pa.
 Thiel & Co., E. C., 3731 N. Clark, Chicago, Ill.
 Western Lithograph Co., 600 E. 2d, Los Angeles, Cal.
 Wrightson Christmas Club Co., Inc., 129 N. 12th, Philadelphia, Pa.

BOND AND COUPON CANCELLING MACHINES

(See Machines, Cancelling, Bond & Coupon)

BOND VALUE TABLES

(See Tables, Bond Value; also Publications, Financial)

45 BONDS, CIRCULATION

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

46 BONDS, ENGRAVED AND PRINTED

(See also Certificates, Stock and Bond)

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

47 BOOKBINDERS

Benson & Sons, Inc., Benj. D., 11 Cliff, New York, N. Y.
 Berg, Joseph, 30 Ferry, New York, N. Y.
 Bushong & Co., Park & Stark, Portland, Ore.
 Commercial Lithographing Co., 815 W. Market, Louisville, Ky.
 Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 Dameron-Pierson Co., Ltd., 400 Camp, New Orleans, La.
 Falconer Co., 414 Water, Baltimore, Md.
 Forman-Bassett Co., 1427 W. 3d, Cleveland, O.
 Hall Co., J. C., 68 W. Exchange, Providence, R. I.
 Irwin-Hodson Co., 115 N. 15th, Portland, Ore.
 Isaac Brothers, 425 Wall, Los Angeles, Cal.
 Klio Loose Leaf Co., Mason, Ia.
 Knight-Counihan Co., 32 Clay, San Francisco, Cal.
 Lion Systems, Inc., 178 W. Jackson Blvd., Chicago, Ill.
 Lloyd Co., W. C., 626 S. Clark, Chicago, Ill.
 Moore Corp., John C., 65 Stone, Rochester, N. Y.
 Pettibone & Co., P. F., 27 N. Desplaines, Chicago, Ill.
 Schwabacher-Frey Stationery Co., 735 Market, San Francisco, Cal.
 Smith Co., Oscar T. & Son, 407 E. Saratoga, Baltimore, Md.
 Smith Ptg. Co., 225 E. 3d, Williamsport, Pa.
 Stevens, Maloney & Co., 21 S. La Salle, Chicago, Ill.

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.)

48 BOOKLETS, ADVERTISING

(See also Advertising, Direct Mail)

Bauder-Baker, 225 N. Michigan Ave., Chicago, Ill.
 Brown & Bigelow, Quality Park, St. Paul, Minn.
 Craddick Service, Inc., 716 Fourth Ave., S. Minneapolis, Minn.
 Dorland International, 101 Park Ave., New York, N. Y.
 Dow Co., Louis F., 2242 University Ave., St. Paul, Minn.
 Forbes Lithograph Mfg. Co., P. O. Box 5130, Boston, Mass.
 Gerlach-Barklow Co., Joliet, Ill.
 Graves, Inc., Wm. Elliott, 30 N. Michigan, Chicago, Ill.
 Hamman Adv., Inc., K. L., 316 Thirteenth, Oakland, Cal.
 Hawk, C. F., 423 Euclid Ave., Cleveland, Ohio.
 Levey Printing Co., State House Square, Indianapolis, Ind.
 Meyer Both Co., Michigan at 20th, Chicago, Ill.
 National Service Bureau of New York, Inc., 80 John, New York, N. Y.
 Nichols & Brown, Tribune Tower, Chicago, Ill.
 Parlette Padget Co., 122 S. Michigan, Chicago, Ill.
PURSE PRINTING CO., Chattanooga, Tenn.
 Shuman-Haws Adv. Co., 820 Tower Court, Chicago, Ill.

49 BOOKS, BABY

Baby Mine Co., 23 Division Ave., Grand Rapids, Mich.
 Gerlach-Barklow Co., Joliet, Ill.

50 BOOKS, BANKING AND BUSINESS

Appleton & Co., D., 29-35 W. 32d, New York, N. Y.
 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.

51 BOOKS, BLANK

American Sales Book Co., Ltd., Elmira, N. Y.
 Boorum & Pease Co., 84 Hudson, Brooklyn, N. Y.
 Columbus Blank Book Mfg. Co., 311 S. High, Columbus, O.
 Cokrum Printing Co., J. W., Oakland City, Ind.
 Dameron-Pierson Co., Ltd., 400 Camp, New Orleans, La.
 Democrat Prtg. & Lithographing Co., Scott & 2d, Little Rock, Ark.
 Doubleday Bros. & Co., Kalamazoo, Mich.
 Drew Co., H. & W. B., 22 W. Bay, Jacksonville, Fla.
 Flammger & Grahl Blank Book Co., 318 N. Third St. Louis, Mo.
 Foote & Davis Co., Edgewood & Pryor, Atlanta, Ga.
 The Fritz-Cross Co., 236 Hamm Bldg., St. Paul, Minn.
 Isaac Brothers, 425 Wall, Los Angeles, Cal.
 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.
 Pioneer, Inc., 12th & A., Tacoma, Wash.
RICHMOND & BACKUS CO., Woodward at Congress, Detroit, Mich.
 Southern States Ptg. Co., Inc., The Griffin, Ga.
 Stuart-Hooper Co., 4007 Michigan Ave., Chicago, Ill.
 United States Check Book Co., 1309 Howard, Omaha, Neb.
 Young & Selden Co., Baltimore, Md.

52 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 29G.)
 Schwabacher-Frey Sta. Co., San Francisco, Cal.
 Stuart-Hooper Co., 4007 Michigan, Chicago, Ill.

53 BOOKS, CHECK

Bankers Printing Co., 836 Montgomery, San Francisco, Cal.
 Benson & Sons, Benj. D., 11 Cliff, New York, N. Y.
 Berg, Joseph, 30 Ferry, New York, N. Y.
 Commercial Lithographing Co., 815 W. Market Louisville, Ky.
 Curtis 1000 Inc., 1000 University, St. Paul, Minn.
 Dow Co., Louis F., 2242 University Ave., St. Paul, Minn.
 Drew Co., H. & W. B., 22 W. Bay, Jacksonville, Fla.
 Hall Co., J. C., 68 W. Exchange, Providence, R. I.
 Mann Co., Wm., 529 Market, Philadelphia, Pa.
 Pettibone & Co., P. F., 27 N. Desplaines, Chicago, Ill.
 Pioneer, Inc., 12th & A., Tacoma, Wash.
 Proudfit Loose Leaf Co., 10 Logan St., S. W., Grand Rapids, Mich.
 Reynolds & Reynolds Co., Washington & Dudley, Dayton, O.
RICHMOND & BACKUS CO., Woodward at Congress, Detroit, Mich.
 Schaefer Mfg. Co., O. E., 4189 Chippewa, St. Louis, Mo.
 Smith Co., Oscar T., & Son, 407 E. Saratoga, Baltimore, Md.
 Smith Ptg. Co., 225 E. 3d, Williamsport, Pa.
 Thrift Builders, Inc., 214 W. Water, Milwaukee, Wis.
 Union Lithograph Co., Inc., 2030 E. 7th, Los Angeles, Cal.
 Western Lithograph Co., 600 E. 2d, Los Angeles, Cal.

54 BOOKS, COMBINATION CHECK AND PASS

Reynolds & Reynolds Co., Dayton, O.

BOOKS, EXPENSE

(See Stationers)

55 BOOKS, FARM RECORD

American Art Works, Coshocton, O.
 Gerlach-Barklow Co., Joliet, Ill.
 Marshall Ptg. Co., 20 W. Main, Marshalltown, Ia.

56 BOOKS, LOOSE LEAF

Blackwell-Wielandy Book & Stationery Co., 1601 Locust, St. Louis, Mo.
 Boorum & Pease Co., 84 Hudson, Brooklyn, N. Y.
 Curtis 1000 Inc., 1000 University, St. Paul, Minn.
 Horder's, Inc., 236 W. Lake, Chicago, Ill.
 Isaac Brothers, 425 Wall, Los Angeles, Cal.
 Le Febure Corp., Cedar Rapids, Iowa.
 Mann Co., Wm., 529 Market, Philadelphia, Pa.
 Moore Corp., John C., 68 Stone, Rochester, N. Y.
 Proudfit Loose Leaf Co., 10 Logan St., S. W., Grand Rapids, Mich.
 Richmond & Backus Co., The, Woodward at Congress, Detroit, Mich.
 Stationers Loose Leaf Co., 3420 Broadway, Milwaukee, Wis.
 Stevens, Maloney & Co., 21 S. LaSalle, Chicago, Ill.
 Tallman Robbins & Co., 314 W. Superior, Chicago, Ill.
 Wilson-Jones Co., 3300 Franklin Blvd., Chicago, Ill.

57 BOOKS, MEMO

Adams Mfg. Co., Henry T., 8561 S. Chicago, Chicago, Ill.
 American Art Works, Coshocton, O.
 Colson Co., U. O., Paris, Ill.
 Kemper Thomas Co., Park Ave., Norwood Sta., Cincinnati, O.
 Martin Co., (The Frank), Marshall Bldg., Cleveland, O.
 Moore Corp., John C., 65 Stone, Rochester, N. Y.
 Robinson Mfg. Co., 171 Elm, Westfield, Mass.
 Voss Co., Herman, 603 E. Water, Milwaukee, Wis.
 Young & Gardner Co., 655 S. Wells, Chicago, Ill.

BOOKS, PASS

(See Pass Books)

58 BOOTHS, COUPON

(See also Fixtures)

HART & HUTCHINSON CO., New Britain, Conn.
 (See our adv. on page 37G.)

59 BOOTHS, TELEPHONE

Graybar Electric Co., 100 East 42nd St., New York, N. Y.

BORROWER'S STATEMENT FORMS

(See Forms, Bank)

BOSTON LEDGERS

(See Ledgers, Boston)

60 BOXES, BOND

Art Steel Co., Inc., 401 E. 23rd, New York, N. Y.
 Steel Equipment Corp., Avenel, N. J.
 Stuart-Hooper Co., 4007 Michigan Ave., Chicago, Ill.

61 BOXES, COIN

ABBOTT COIN COUNTER CO., 143d & Wales Ave., New York, N. Y.
 Art Steel Co., Inc., 401 E. 23d, New York, N. Y.
 Bankers Specialty Corp., 5 Beekman St., New York, N. Y.
 Currier Mfg. Co., N. W., Terminal Industries Bldg., Minneapolis, Minn.
 Dibb Mfg. Co., Inc., 515 Third Ave., N. E., Minneapolis, Minn.
 Formed Steel Cabinet & Eqt. Co., 508 S. Dearborn, Chicago, Ill.
 Gaylord Bros., Inc., 155 Gifford, Syracuse, N. Y.
 Knight Counihan Co., 32 Clay, San Francisco, Cal.
 Lonson Mfg. Co., 180 E. 3d, St. Paul, Minn.
 Strayer Coin Bag Co., New Brighton, Pa.
 Stuart-Hooper Co., 4007 Michigan Ave., Chicago, Ill.
 Twentieth Century Co., 538 S. Dearborn, Chicago, Ill.

62 BOXES, CURRENCY

Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Art Steel Co., Inc., 401 E. 23d, New York, N. Y.
 Formed Steel Cabinet & Eqt. Co., 508 S. Dearborn, Chicago, Ill.
 Lonson Mfg. Co., 180 E. 3d, St. Paul, Minn.
 Merriam Mfg. Co., Durham, Conn.
 Smead Mfg. Co., 309 Second, Hastings, Minn.
 Stuart-Hooper Co., 4007 Michigan Ave., Chicago, Ill.
 Young & Selden Co., 224 N. Calvert, Baltimore, Md.

63 BOXES, DEPOSIT, SAFETY

Allen-Marshall Co., Ivan, 40 Marietta, Atlanta, Ga.
 Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
BANK VAULT INSPECTION CO., 1824 Ludlow, Philadelphia, Pa.
 The Beck Specialty Co., Box 167, Waterloo, Ia.
 Cary Safe Co., 1200 Niagara, Buffalo, N. Y.
 Collins Safe & Fixture Co., W. D., 513 West Main, Denison, Tex.
 Cramer Brothers Safe Co., 1417 McGee, Kansas City, Mo.
 Diebold Safe & Lock Co., 818 Mulberry Rd., S. E., Canton, O.
 General Fireproofing Co., Youngstown, O.
 Gross-Feibel Co., Fair & Elm, Hillsboro, O.
 Hall's Safe Co., 3253 Spring Grove Ave., Cincinnati, O.
 Herring-Hall-Marvin Safe Co., Grand Boulevard, Hamilton, O.
 Invincible Metal Furniture Co., 824 Twenty-sixth, 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.
 Portland Wire & Iron Works, 294 Second, Portland, Ore.
 Remington & Sherman Co., 1545 N. Delaware, Philadelphia, Pa.
 Steel Equipment Corp., Avenel, N. J.
 Stuart-Hooper Co., 4007 Michigan Ave., Chicago, Ill.
 West Co., M. G., 117 Front, San Francisco, Cal.
 York Safe & Lock Co., York, Pa.

64 BOXES, EXPRESS

Merriam Mfg. Co., Durham, Conn.

65 BOXES, FIBRE BOARD, CORRUGATED

Bankers Box Co., Rand McNally Bldg., Chicago, Ill.
 Blaine Systems Co., 140 Glenridge Ave., Montclair, N. J.
 The Kay-Dee Co., 3644 S. 36th, Lincoln, Neb.

66 BOXES, FILING

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

Baker & Co., Edw. J., 10 S. La Salle, Chicago, Ill.
 Bankers Box Co., Rand McNally Bldg., Chicago, Ill.
 Blackwell-Wielandy Book & Stationery Co., 1601 Locust, St. Louis, Mo.
 Blaine Systems Co., 140 Glenridge Ave., Montclair, N. J.
 Currier Mfg. Co., N. W. Terminal Industries Bldg., Minneapolis, Minn.
 Lefax, Incorporated, 9th & Samson, Philadelphia, Pa.
 Lummus Bankers Service (not inc.), Julian, Hendersonville, N. C.
 Merriam Mfg. Co., Durham, Conn.
 Union Paper & Twine Co., 116 St. Clair Ave., N. W., Cleveland, Ohio.
 Van Dorn Iron Works Co., 2685 E. 79th, Cleveland, Ohio.
 Weis Mfg. Co., Union, Monroe, Mich.

67 BOXES, FOLDING

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

68 BOXES, MESSENGER

Diebold Safe & Lock Co., 818 Mulberry Rd., S. E., Canton, Ohio.
 Merriam Mfg. Co., Durham, Conn.

69 BOXES, METAL

All-Steel Equip. Co., Aurora, Ill.
 Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Bankers Specialty Corp., 5 Beekman St., New York, N. Y.
 Dibb Mfg. Co., Inc., 515 Third Ave., N. E., Minneapolis, Minn.
 General Fireproofing Co., Youngstown, Ohio.
 Lyon Metallic Mfg. Co., Aurora, Ill.
 Merriam Mfg. Co., Durham, Conn.
 Steel Bound Box Co., 5039 Cottage Grove Ave., Chicago, Ill.

70 BOXES, STRONG

Erie Art Metal Co., Erie, Pa.
 Merriam Mfg. Co., Durham, Conn.

71 BOXES, STRONG, PAYROLL

Art Steel Co., Inc., 401 E. 23d, New York, N. Y.
 Merriam Mfg. Co., Durham, Conn.

72 BRACKETS, TELEPHONE

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

BRASS SIGNS

(See Signs, Brass and Bronze)

73 BRASSWORK

Acme Wire & Iron Works, 12340 Cloverdale, Detroit, Mich.
 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.
 Biddle-Gaumer Co., 3846 Lancaster, Philadelphia, Pa.
 Chicago Architectural Bronze Co., 4740 N. Clark, Chicago, Ill.
 Imperial Brass Mfg. Co., 1200 W. Harrison, Chicago, Ill.
 Michaels Art Bronze Co., Inc., 230 Scott, Covington, Ky.
 Newman Mfg. Co., 416 Elm, Cincinnati, Ohio.
 Oregon Brass Works, 2d & Everett, Portland, Ore.
 Standard Iron & Wire Works, 510 E. 10th, Chattanooga, Tenn.
 Usona Mfg. Co., 3512 Chouteau, St. Louis, Mo.

74 BRICK

Moulding Brick Co., Thomas, 228 N. La Salle St., Chicago, Ill.

BRIEF CASES

(See Leather Goods)

BROADCASTING SETS, RADIO

(See Radio Broadcasting Sets)

75 BROKERS, BANK

Backer, Jacob, 716 New York Bldg., St. Paul, Minn.
 Balch, S. D., Los Gatos, Cal.
 Overstreet Co., J. W., 416 Soo Line Bldg., Minneapolis, Minn.
 Sanders, H. D., 1005 Story Bldg., Los Angeles, Cal.
 Walters Co., Chas. E., 1424 First Nat'l Bk. Bldg., Omaha, Neb.

76 BRONZE, ARCHITECTURAL AND ORNAMENTAL

Acme Wire & Iron Works, 12340 Cloverdale, Detroit, Mich.
 American Bronze Co., 1316 W. 63d, Chicago, Ill.
AMERICAN IRON & WIRE WORKS, 1622 Carroll Ave., Chicago, Ill. (See our adv. on this page.)
 Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Baldwin Brass Works, 411 S. Clinton, Chicago, Ill.
 Biddle-Gaumer Co., 3846 Lancaster, Philadelphia, Pa.
 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. S., Minneapolis, Minn.
 Georgia Show Case Co., Montgomery, Ala.
 Imperial Brass Mfg. Co., 1200 Harrison, Chicago, Ill.
 Krueger Mfg. Co., 1316 Lakewood Ave., Atlanta, Ga.
 Lupton's Sons Co., David, Allegheny Ave. & Tulip, Philadelphia, Pa.
 Matthews Co., Jas. H., 3942 Forbes, Pittsburgh, Pa.
 Michaels Art Bronze Co., Inc., 230-240 Scott St., Covington, Ky.
 Mount & Robertson, Inc., 62 Broad, New York, N. Y.
 Nachtgall Mfg. Co., 237 S. Front, Grand Rapids, Mich.
 Newman Mfg. Co., 416 Elm, Cincinnati, O.
 Ohmer, A. & R. F., Inc., 26 E. 1st, Dayton, O.
 Oregon Brass Works, 2d & Everett, Portland, Ore.
 Southern Brass Mfg. & Plating Co., 6614 Harrisburg Blvd., Houston, Tex.
 Standard Iron & Wire Works, 510 E. 10th, Chattanooga, Tenn.
 Taylor-Palmer Co., 49 E. Wells, Milwaukee, Wis.
 Tyler Co., W. S., Cleveland, O.
 Usona Mfg. Co., 3512 Chouteau, St. Louis, Mo.
 Watson Mfg. Co., 63 Taylor, Jamestown, N. Y.
 Williams, Inc., Jno., 556 W. 27th, New York, N. Y.
 Wisconsin Iron and Wire Works, 1660 Booth, Milwaukee, Wis.
 Womack & Sons, Inc., J. P., Lakewood Ave., Atlanta, Ga.

77 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.
 Matthews Co., Jas. H., 3942 Forbes, Pittsburgh, Pa.
 Philadelphia Enameling Works, 254 N. 13th, Philadelphia, Pa.
 Twentieth Century Co., 538 S. Dearborn, Chicago, Ill.
 Usona Mfg. Co., 3512 Chouteau, St. Louis, Mo.
 Wood-Detroit Mfg. Co., 170 E. Larned, Detroit, Mich.

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)

78 BULLETIN BOARDS

Bilt Rite Mfg. Co., 447 N. Wood St., Chicago, Ill.
 Bonded Floors Co., Inc., 1421 Chestnut, New York, N. Y.
 Brakmeier Bros., 112 S. Fourth, Louisville, Ky.
 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.
 The Davis Bulletin Co., Inc., 12 Lock, Buffalo, N. Y.
 General Outdoor Advertising Co., Inc., 1 Park Ave., New York, N. Y.
 Matthews & Co., Jas. H., 3942 Forbes, Pittsburgh, Pa.
 Meeker Co., Inc., 3d & Michigan, Joplin, Mo.
 National Adv. Service, Inc., La Grange, Ind.
 Newman Mfg. Co., 416 Elm, Cincinnati, O.
 Peoples Mfg. Co., 564 W. Randolph, 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., 1015 W. Adams, Chicago, Ill.
 Twentieth Century Co., 538 S. Dearborn, Chicago, Ill.
 Wisconsin Iron & Wire Works, 1660 Booth, Milwaukee, Wis.

79 BULLETIN BOARDS, FARM

Nat'l Adv. Service, Inc., La Grange, Ind.
 Peoples Mfg. Co., 564 W. Randolph, Chicago, Ill.

80 BURGLAR ALARMS

American Bank Protection Co., Inc., 139 Lyndale Ave. N., Minneapolis, Minn.
ANAKIN LOCK & ALARM CO., 162 N. Franklin, Chicago, Ill.
 Bankers Elec. Protective Ass'n, 104 Sudbury, Boston, Mass.
 Bankers Electrical Protection Co., 139 Lyndale Ave. N., Minneapolis, Minn.
 Burglary Protection Co., 738 Ceres Ave., Los Angeles, Cal.
BUTTE ELECTRIC & MFG. CO., 956 Folsom, San Francisco, Cal.
 Cannon Ball Alarm Co., 139 Lyndale Ave., Minneapolis, Minn.
 Danne, H. A., 41 Park Row, New York, N. Y.
 Duplex Electric Co., 71 Grand, New York, N. Y.
 Electro Alarms Co., 30 Ionia Ave., S. W., Grand Rapids, Mich.
McCLINTOCH CO., O. B., 135 Lyndale Ave., N., Minneapolis, Minn.
 Norris Safe & Lock Co., 114 Third Ave., Seattle, Wash.
 Underwriters' Laboratories, 207 E. Ohio, Chicago, Ill.

81 BURGLAR ALARMS (GAS)

American Lock Works, First Nat'l Bk. Bldg., Ft. Dodge, Iowa.
 Anakin Lock & Alarm Co., 162 N. Franklin, Chicago, Ill.
 Federal Laboratories, Inc., 1631 Liberty Ave., Pittsburgh, Pa.
 Protex Corporation, The, 231 S. La Salle, Chicago, Ill.

82 BURGLAR ALARM INSPECTION

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

BURGLAR-PROOF SAFES

(See Safes, Fire & Burglar-Proof)

BURGLARY INSURANCE

(See Insurance, Burglary)

83 BUSINESS BOOKS

(See Books, Banking & Business)

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

84 BUTTONS, ADVERTISING

American Art Works, Inc., Coshocton, Ohio.
 Brown & Bigelow, Quality Park, St. Paul, Minn.
 Childs & Co., S. D., 136 S. Clark, Chicago, Ill.
 Philadelphia Badge Co., 942 Market, Philadelphia, Pa.

C

85 CABINETS, COIN

Bankers Specialty Corp., 5 Beekman St., New York, N. Y.
 Formed Steel Cabinet & Eqt. Co., 508 S. Dearborn, Chicago, Ill.

86 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., 371 Pacific, Brooklyn, N. Y.

87 CABINETS, FILING

All-Steel Equipment Co., Aurora, Ill.
 Amberg File & Index Co., 1400 Fulton, Chicago, Ill.
 Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Automatic File & Index Co., 10th St., State to Broadway, Green Bay, Wis.
 Berger Mfg. Co., 1038 Belden Ave., Canton, O.
 Browne Morse Co., Muskegon, Mich.
 Bushong & Co., Park & Stark, Portland, Ore.
 Cargill Co., Capitol, Brazos & Rusk, Houston, Tex.
 Columbia Steel Equipment Co., 1735 Chestnut, Philadelphia, Pa.
 Drew Co., H. & W. B., 22 W. Bay, Jacksonville, Fla.
 Edwards Co., Inc., O. M., Solar & Plum, Syracuse, N. Y.
 Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Grant & Co., H. R., 2322 Madison, Chicago, Ill.
 Invincible Metal Furniture Co., 824 Twenty-sixth, Manitowoc, Wis.
 Lefax, Incorporated, 9th & Sansom, Philadelphia, Pa.
 Le Febure Corp., Cedar Rapids, Iowa.
 Macey Co., 1520 Division Ave., S., Grand Rapids, Mich.
 McNamara Office Supply Co., 507 Locust, Des Moines, Iowa.
 Metal Office Furniture Co., Grand Rapids, Mich.
 Orthwine, R., 344 W. 34th, New York, N. Y.
 Schwabacher-Frey Sta. Co., 735 Market, San Francisco, Cal.
 Shaw-Walker Co., Muskegon, Mich.
 Steel Equipment Corp., Avenel, N. J.
 Stevens, Maloney & Co., 21 S. La Salle, Chicago, Ill.
 Stow & Davis Furniture Co., 70 S. Front Ave., Grand Rapids, Mich.
 Van Dorn Iron Works Co., 2685 E. 79th, Cleveland, Ohio.
 Wagemaker Co., 566 Market, S. W., Grand Rapids, Mich.
 Weis Mfg. Co., Monroe, Mich.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

CABINETS, LEDGER POSTING MACHINE

88

Art Metal Construction Co., Jamestown, N. Y.
 Automatic File & Index Co., Green Bay, Wis.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

41 YEARS EXPERIENCE MANUFACTURING

BRONZE, IRON AND WIRE WORK

FOR BANKS AND BUILDINGS

OVER 125 BANKS IN CHICAGO EQUIPPED BY US

AMERICAN IRON AND WIRE WORKS

1622 CARROLL AVE., CHICAGO

89 CABINETS, MAP

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

90 CABINETS, STEEL

Albatross Steel Equipment Co., P. O. Drawer A Sawtelle, Cal.
All-Steel Equip. Co., Aurora, Ill.
Amberg File & Index Co., 1400 Fulton, Chicago, Ill.
Angle Steel Stool Co., Inc., Plainwell, Mich.
Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
Durabilt Steel Locker Co., Aurora, Ill.
General Fireproofing Co., Youngstown, Ohio.
IMPERIAL STEEL CABINET CO., 2136 Fulton St., Chicago, Ill.
Invincible Metal Furniture Co., 824 Twenty-sixth, Manitowoc, Wis.
Lyon Metallic Mfg. Co., Aurora, Ill.
Macey Co., 1520 Division Ave., S., Grand Rapids, Mich.
Mount & Robertson, 62 Broad, New York, N. Y.
Steel Equipment Corp., Avenel, N. J.
Terrell's Equipment Co., Grand Rapids, Mich.
Van Dorn Iron Works Co., 2685 E. 79th, Cleveland, Ohio.
Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

91 CABINETS, STORAGE

All-Steel Equipment Co., Aurora, Ill.
Automatic File & Index Co., Green Bay, Wis.
Becker Co., John C., 41 E. Wells, Chicago, Ill.
Berger Mfg. Co., 1038 Belden Ave., Canton, O.
Columbia Steel Equipment Co., 1735 Chestnut, Philadelphia, Pa.
Durabilt Steel Locker Co., Aurora, Ill.
HART & HUTCHINSON CO., New Britain, Conn.
Lyon Metallic Mfg. Co., Aurora, Ill.
Medart Mfg. Co., Fred, St. Louis, Mo.
Steel Equipment Corp., Avenel, N. J.
Terrell's Equipment Co., Grand Rapids, Mich.
Van Dorn Iron Works Co., 2685 E. 79th, Cleveland, O.
Weis Mfg. Co., Monroe, Mich.

92 CABINETS, TOWEL

A. P. W. Paper Co., 1273 Broadway, Albany, N. Y.
Selig Co., 336 Marietta, Atlanta, Ga.
Union Paper & Twine Co., 116 St. Clair Ave., Cleveland, Ohio.

93 CABINETS, TRAY

Aeme Card System Co., 116 S. Michigan, Chicago, Ill.
Automatic File & Index Co., Green Bay, Wis.
Remington Rand Business Service, Inc., 374 Broadway, New York, N. Y.

94 CABINETS, TYPEWRITER

Byron Desk Mfg. Co., 32d & Woodland Ave., Louisville, Ky.

CABINETWORK

(See Woodwork)

95 CAGES, BANK

(See Grillwork)

American Iron & Wire Works, 1622 Carroll Ave., Chicago, Ill.
Standard Iron & Wire Works, 510 E. 10th, Chattanooga, Tenn.
Watson Mfg. Co., 63 Taylor, Jamestown, N. Y.

CALCULATING MACHINES

(See Machines, Calculating)

96 CALCULATORS, TIME & INTEREST

Edwards & Deutsch Litho. Co., 2320 S. Wabash, Chicago, Ill.
Meilicke Systems, Inc., 3466 N. Clark, Chicago, Ill.
National Time Computer Co., 514 Prior Ave., No., St. Paul, Minn.
Stout Interest Calculator Co., 1106½ Adams, Toledo, O.

CALENDAR DESK PADS

(See Pads, Desk, Calendar)

97 CALENDARS

The Adams-Lessack Co., 1507 Arch St., Philadelphia, Pa.
American Art Works, Inc., Coshocton, O.
American Calendar Co., Inc., Greeneville, Tenn.
The Augustine Co., Grand Island, Neb.
Blanchard Co., 692 Benton, Aurora, Ill.
Baumgarth Co., John, 1219 W. Washington Blvd., Chicago, Ill.
Brace & Co., H. G., 7th N. & Harrison, Seattle, Wash.
Broderick Co., 460 Robert, St. Paul, Minn.
Brown & Bigelow, Quality Park, St. Paul, Minn.
Business Reviving Co., Oblong, Ill.
CLARK PRINTING & MFG. Co., 417 N. Vesper, Lock Haven, Pa. (See our adv. on this page.)
Colson Co., U. O., Paris, Ill.

Coshocton Specialty Co., Coshocton, Ohio.
Defiance Sales Corporation, 72 Spring, New York, N. Y.
Dow Co., Louis F., 2242 University Ave., St. Paul, Minn.
Economy Adv. Co., Linn & Market, Iowa City, 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.
Kemper Thomas Co., Park Ave., Norwood Sta., Cincinnati, O.
Kenyon Co., Inc., 303 Grand Ave., Des Moines, Ia.
Kohl & Co., P. J., 230 W. Huron, Chicago, Ill.
Mayer Mfg. Corp., 1436 Randolph, Chicago, Ill.
Meeker Co., Inc., 3d & Michigan, Joplin, Mo.
Merchants Publishing Co., 402 W. Main, Kalamazoo, Mich.
Messenger Publishing Co., 5932 Wentworth Ave., Chicago, Ill.
Metropolitan Syndicate Press, 120 N. Jefferson, Chicago, Ill.
Murphy Co., The Thos. D., Red Oak, Ia.
NATIONAL ART WORKS, INC., 710 Greer Ave., Covington, Ky. (See our adv. on this page.)
Novelty Adv. Co., Coshocton, O.
Osborne Co., 759 Summer Ave., Newark, N. J.
Red Wing Adv. Co., Main & Potter, Red Wing, Minn.
Sentinel Printing Co., 10th at Ft. Wayne Ave., Indianapolis, Ind.
Shank Sign Co., E. A., 25 W. 43d, New York, N. Y.
Shedd Brown Mfg. Co., 317 Fifth Ave. So., Minneapolis, Minn.
Southard Calender & Ptg. Co., The, 240 N. 3d, Columbus, O.
Stuart-Hooper Co., 4007 Michigan Ave., Chicago, Ill.
SULLIVAN PTG. WORKS CO., 1050 Gilbert, Cincinnati, O. (See our adv. on opposite page.)
Swinney Prtg. Co., Fort Branch, Ind.
Terre Haute Adv. Co., 1317 Poplar, Terre Haute, Ind.
Thrift Service Co., 2128 Richland Ave., Cleveland, Ohio.
Twentieth Century Co., 538 S. Dearborn, Chicago, Ill.
Wilson-Hurd Co., Wausau, Wis.

SPECIAL

TWELVE SHEET
HISTORICAL
FEATURE CALENDAR

14 x 17 in. Added Features
Guarantee Full Twelve Months Advertising

Write us and receive
complete samples and
information.

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

THE NATIONAL ART WORKS, INC.
COVINGTON, KY.

Signs and Calendars of Distinction

Made in all the finer finishes of metals

98 CALENDARS, DAILY DATE

(See also Calendars)

Bankers Printing Co., 836 Montgomery, San Francisco, Cal.
 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. (See our adv. on page 21G.)
SULLIVAN PRINTING WORKS, 1050 Gilbert, Cincinnati, O. (See our adv. on this page.)
 Swinney Prtg. Co., Fort Branch, Ind.

99 CALENDARS, DESK

American Art Works, Inc., Coshocton, Ohio.
 American Calendar Co., Inc., Greeneville, Tenn.
 Bar-Trex Mfg. Co., 1813 Ave. D, Birmingham, Ala.
 Blanchard Co., 692 Benton, Aurora, Ill.
 Broderick Co., 460 Robert, St. Paul, Minn.
 Brown & Bigelow, Quality Park, St. Paul, Minn.
 Davenport-Taylor Mfg. Co., 412 Orleans, Chicago, Ill.
 Edwards & Deutch Litho. Co., 2320 S. Wabash, Chicago, Ill.
 Lion Systems, Inc., 178 W. Jackson Blvd., 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. (See our adv. on page 21G.)
 Polar Mfg. Co., 123 N. 4th, Philadelphia, Pa.
 Shedd-Brown Mfg. Co., 317 Fifth Ave., S., Minneapolis, Minn.
 Southard Calendar & Ptg. Co., The, 240 N. 3d, Columbus, Ohio.
 Twentieth Century Co., 538 S. Dearborn, Chicago, Ill.
 Voss Co., Herman, 603 E. Water, Milwaukee, Wis.

100 CALENDARS, MATURITY

Twentieth Century Co., 538 S. Dearborn, Chicago, Ill.

101 CAMERAS

Anseo Photoproducts, Inc., 29 Charles, Binghamton, N. Y.
 Bell & Howell Co., Chicago, Ill.
 Eastman Kodak Co., Rochester, N. Y.
 Gennert, G., 24 E. 13th, New York, N. Y.

CANCELLING MACHINES

(See Machines, Cancellng)

102 CAPS, ADVERTISING

(See also Novelties, Advertising)

Colson Co., U. O., Paris, Ill.
 Duplex Mfg. Co., 306 S. Franklin, Chicago, Ill.
 Ferree Co., E. H., 61 Richmond Ave., Lockport, N. Y.
 Follis Adv. Service, W. E., 159 N. State, Chicago, Ill.

CARD LEDGERS

(See Ledgers, Card)

103 CARDS, GREETING

American Art Works, Inc., Coshocton, Ohio.
 American Calendar Co., Inc., Greeneville, Tenn.
 Bankers Printing Co., 836 Montgomery, San Francisco, Cal.
 Baumgarth Co., John, 1219 W. Washington Blvd., Chicago, Ill.
 Blanchard Co., 692 Benton, Aurora, Ill.
 Brown & Bigelow, Quality Park, St. Paul, Minn.
 Commercial Lithographing Co., 815 W. Market, Louisville, Ky.
 Gartner & Bender, 1104 S. Wabash Ave., Chicago, Ill.

Gerlach-Barklow Co., Joliet, Ill.
 Kemper Thomas Co., Park Ave., Norwood Sta., Cincinnati, Ohio.
 Knight Counihan Co., 32 Clay, San Francisco, Cal.
 Murphy Co., Thos. D., Red Oak, Ia.
NATIONAL ART WORKS, INC., 710 Greer Ave., Covington, Ky.
 Osborne Co., 759 Summer Ave., Newark, N. J.
 Purse Printing Co., 435 Chestnut, Chattanooga, Tenn.
 Shaw Advertising Co., 520 Produce Exch. Bldg., Kansas City, Mo.
 Stafford-Lowdon Co., 610 W. Daget, Ft. Worth, Tex.
 Stevens Maloney & Co., 21 S. La Salle, Chicago, Ill.
 Union Paper & Twine Co., 116 St. Clair Ave., Cleveland, Ohio.
 Volland Co., P. F., Joliet, Ill.
 Young & Selden Co., 224 N. Calvert, Baltimore, Md.

CARDS, STREET CAR

(See Advertising, Street Car)

CARPETS

(See Equipment, Bank & Office)

104 CASES, BANKERS

Holder's, Inc., 236 W. Lake, Chicago, Ill.
 Stuart Hooper Co., 4007 Michigan Ave., Chicago, Ill.

105 CASES, CALENDAR

(See also Racks, Calendars)

Brown & Bigelow, Quality Park, St. Paul, Minn.
 Williams, Inc., John, 556 W. 27th, New York, N. Y.

106 CASES, CATALOGUE

Automatic File & Index Co., S. Broadway, Green Bay, Wis.

107 CASES, MAP

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

108 CASES, NOTE, STEEL

All-Steel Equip. Co., Aurora, Ill.
 Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Art Metal Products Co., 514 S. Green, Chicago, 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.
 Knight Counihan Co., 32 Clay, San Francisco, Cal.
 Kohlhaas Co., 183 N. Dearborn, Chicago, Ill.
 Marshall-Jackson Co., 24 S. Clark, Chicago, Ill.
 Metal Office Furniture Co., Grand Rapids, Mich.
 Steel Equipment Corp., Avenel, N. J.
 Stuart Hooper Co., 4007 Michigan Ave., Chicago, Ill.
 Van Dorn Iron Works Co., 2685 E. 79th, Cleveland, Ohio.

CASH BOOKS, TELLERS'

(See Books, Cash, Tellers')

CASHIERS, AUTOMATIC

(See Automatic Cashiers)

CELLULOID NOVELTIES

(See Novelties, Celluloid)

CENTRAL FILES

(See Files, Central)

CERTIFICATE OF DEPOSIT FORMS

(See Forms, Bank)

109 CERTIFICATES, STOCK & BOND

American Bank Note Co., 118-132 E. 20th, Chicago, Ill.
 American Bank Supply Co., 628 N. Illinois, Indianapolis, Ind.
 Central Banknote Co., 319 N. Albany, Chicago, Ill.
 Columbian Bank Note Co., 500 S. Ashland Blvd., Chicago, Ill.
 Commercial Lithographing Co., 815 W. Market, Louisville, Ky.
 Falconer Co., 414 Water, Baltimore, Md.
 Forbes Lithograph Mfg. Co., P. O. Box 5130, Boston, Mass.
 Goes Lithographing Co., 42 W. 61st, Chicago, Ill.
 Knight Counihan Co., 32 Clay, San Francisco, Cal.
 Mann Co., Wm., 529 Market, Philadelphia, Pa.
 Monasch Co., 500 S. 5th, Minneapolis, Minn.
 Northern Bank Note Co., 2340 N. Racine Ave., Chicago, Ill.
 Omaha Printing Co., 1301 Farnam, Omaha, Neb.
 Pettibone & Co., P. F., 27 N. Desplaines, Chicago, Ill.
 Reserve Litho. & Ptg. Co., Caxton Bldg., Cleveland, O.
 Smith Ptg. Co., 225 E. 3d, Williamsport, Pa.
 Standard Bank Note Co., 351 E. Ohio, Chicago, Ill.
 Stevens, Maloney & Co., 21 S. LaSalle, Chicago, Ill.
 Swinney Prtg. Co., Fort Branch, Ind.
 Western Lithograph Co., 600 E. 2d, Los Angeles, Cal.

110 CERTIFIERS, CHECK

(See also Endorsers, Check)

Colonial Engraving Co., 137 Federal, Boston, Mass.
 The Hedman Mfg. Co., 1158 Center, Chicago, Ill.
 Joslin Mfg. Co., A. D., 123 Arthur, Manistee, Mich.

CHAIR PADS

(See Supplies, Bank & Office)

111 CHAIRS

Allen-Marshall Co., Ivan, 40 Marietta, Atlanta, Ga.
 Aluminum Co. of America, Oliver Bldg., Pittsburgh, Pa.
 Becker Co., John C., 41 E. Wells, Milwaukee, Wis.
 Claws Mfg. Co., The A., 5250 Brookpark Rd., Cleveland, O.
 Ehrlich & Sons Mfg. Co., H., Colo. & Lake, St. Joseph, Mo.
 The Fritz-Cross Co., 236 Hamm Bldg., St. Paul, Minn.
 The Joplin Printing Co., Inc., 59 Joplin, Joplin, Mo.
 Karpen & Bros., S., 801 Wabash Ave., Chicago, Ill.
 Lexington Desk Co., Inc., 157 E. 44th, New York, N. Y.
 Milwaukee Chair Co., 624 S. Michigan, Chicago, Ill.
 Northwestern Furniture Co., 271 W. Water, Milwaukee, Wis.
 Orchard & Wilhelm Co., 414 S. 16th, Omaha, Neb.
 Orthwine, R., 344 W. 34th, New York, N. Y.
 Rastetter & Sons, Louis, Fort Wayne, Ind.
 Sikes Co., 23d & Passayunk Ave., Philadelphia, Pa.
 Stow & Davis Furniture Co., 70 S. Front Ave., Grand Rapids, Mich.
 West Co., M. G., 117 Front, San Francisco, Cal.
 Williams, Inc., John, 556 W. 27th, New York, N. Y.

CALENDARS

DAILY CALENDARS

MONTHLY CALENDARS

SPECIAL CALENDARS

* * *

THE SULLIVAN PRINTING WORKS CO.*Manufacturing Calendars Exclusively*

1050-1070 Gilbert Ave.

CINCINNATI, OHIO

112 CHAIRS, STEEL

Allen-Marshall Co., Ivan, 40 Marietta, Atlanta, Ga.
Art Metal Construction Co., Jones & Gifford Ave.,
Jamestown, N. Y.
Beacon Steel Furniture Co., 1841 Carroll Ave.,
Chicago, Ill.
Becker Co., John C., 41 E. Wells, Milwaukee, Wis.
The Fritz-Cross Co., 236 Hamm Bldg., St. Paul,
Minn.
Royal Metal Mfg. Co., 1138 S. Michigan, Chicago,
Ill.
Steel Fixture Mfg. Co., E. 7th & Adams, Topeka,
Kan.
Toledo Metal Furniture Co., 1100 Hastings,
Toledo, O.
Vitek Mfg. Co., 2606 St. Marys Ave., Omaha, Neb.

113 CHAIRS, STENOGRAPHERS' (STEEL)

Domore Chair Co., Elkhart, Ind.
Fritz-Cross Co., 236 Hamm Bldg., St. Paul, Minn.
Royal Metal Mfg. Co., 1138 S. Michigan, Chicago,
Ill.
Toledo Metal Furniture Co., 1100 Hastings,
Toledo, O.

CHANGEABLE SIGNS

(See Signs, Changeable)

CHANGE MAKERS

(See Coin Changers)

114 CHARTING EQUIPMENT & SERVICE

Business Charting Institute, 1812 Tribune Tower,
Chicago, Ill.
Multiplex Display Fixture Co., 918 N. 10th, St.
Louis, Mo.

CHECK BOOK COVERS

(See Covers, Check Book)

CHECK BOOKS

(See Books, Check)

115 CHECK DISPENSERS

Bar-Trex Mfg. Co., 1813-1821 Ave. D., Birming-
ham, Ala.
Krauth & Benninghofen, Hamilton, Ohio.

116 CHECK ENDORSERS

AMERICAN PERFORATOR CO., 620 W. Jack-
son Blvd., Chicago, Ill. (See our adv. on this
page.)
Colonial Engraving Co., 137 Federal, Boston, Mass.
The Hedman Mfg. Co., 1158 Center, Chicago, Ill.
Joslin Mfg. Co., A. D., 123 Arthur, Manistee,
Mich.

117 CHECK LISTS, STOP-PAYMENT

Continental Bank Supply Co., Mexico, Mo.
Remington Rand Business Service, Inc., 374
Broadway, New York, N. Y.
Security Envelope Co., 2900 Fifth Ave., S.,
Minneapolis, Minn.

CHECK IMPRINTING

(See Imprinting, Check)

CHECK PROTECTORS

(See Protectors, Check)

118 CHECKS

American Bank Check Cover Co., 718 N. 15th,
St. Louis, Mo.
American Bank Note Co., 118-132 E. 20th,
Chicago, Ill.
American Bank Stationery Co., Curtain, Aiken &
Hargost Sts., Baltimore, Md.
American Bank Supply Co., 628 N. Illinois, Indi-
anapolis, Ind.
American Bindery Corp., 1310 Maple, Detroit,
Mich.
Bankers Check Co., 610 Cleveland Ave., Kansas
City, Mo.
Bankers Printing Co., 836 Montgomery, San
Francisco, Cal.
Benson & Sons, B. D., 11 Cliff, New York, N. Y.
Berg, Joseph, 30 Ferry, New York, N. Y.
Bushong & Co., Park & Stark, Portland, Ore.
Cockrum Ptg. Co., J. W., Oakland City, Ind.
Columbian Bank Note Co., 500 S. Ashland Blvd.,
Chicago, Ill.
Commercial Lithographing Co., 815 W. Market,
Louisville, Ky.
Continental Bank Supply Co., Mexico, Mo.
Curtis 1000 Inc., 1000 University Ave., St. Paul,
Minn.
DeLuxe Check Printers, Inc., 2531 University Ave.,
St. Paul, Minn.
Drew Co., H. & W. B., 22 W. Bay, Jacksonville, Fla.

Ekonomik Bank Check Co., 450 W. Superior,
Chicago, Ill.
Falconer Co., 414 Water, Baltimore, Md.
Forbes Litho. Mfg. Co., P. O. Box 5130, Boston,
Mass.
Forman-Bassett Co., 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., 557 S. San Pedro, Los Angeles,
Cal.
Isler-Tompsett Litho. Co., 2940 Benton, St. Louis,
Mo.
The Joplin Printing Co., Inc., 509 Joplin, Joplin,
Mo.
Knight Counihan Co., 32 Clay, San Francisco, Cal.
Latsch Bros., Inc., 1118 O St., Lincoln, Neb.
Lefax, Incorporated, 9th & Samson, 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.
Omaha Printing Co., 1301 Farnam, Omaha, Neb.
Pettibone & Co., P. F., 27 N. Desplaines, Chicago,
Ill.
Poucher Ptg. & Litho. Co., 320 S. 4th, Minneapolis,
Minn.
Pugh & Co., H. G., 417 Main, Little Rock, Ark.
Reserve Litho. & Ptg. Co., Caxton Bldg., Cleve-
land, O.
Reynolds & Reynolds Co., Washington & Dudley,
Dayton, O.
**RICHMOND & BACKUS CO., Woodward at
Congress, Detroit, Mich.**
Schaefer Mfg. Co., O. E., 4189 Chippewa, St.,
Louis, Mo.
Schwabacher-Frey Stationery Co., 735 Market,
San Francisco, Cal.
Smith & Co., Shea, 429 S. Ashland Blvd., Chicago,
Ill.
Smith-Brooks Printing Co., 1733 California,
Denver, Colo.
Smith Ptg. Co., 225 E. 3d, Williamsport, Pa.
Stafford-Lowdion Co., 610 W. Daget, Ft. Worth,
Tex.
Standard Bank Note Co., 351 E. Ohio, Chicago, Ill.
Stephens Litho. & Engraving Co., 420 N. 2d,
St. Louis, Mo.
Stuart-Hooper Co., 4007 Michigan Ave., Chicago,
Ill.
Sunset Press, 1045 Sansome, San Francisco, Cal.
Todd Co., 1178 University Ave., Rochester, N. Y.
Union Bank Note Co., 1016 Central, Kansas City,
Mo.
Union Lithograph Co., Inc., 2030 E. 7th, Los
Angeles, Cal.
Western Lithograph Co., 600 E. 2d, Los Angeles,
Cal.
Young & Selden, 224 N. Calvert, Baltimore, Md.

119 CHECKS, DOOR

Yale & Towne Mfg. Co., Stamford, Conn.

120 CHECKS, METAL

Acme Stamp Co., 1100 Prospect Ave., Cleveland, O.
Love & Co., J. V., 2205 Mechanic, Galveston, Tex.
Matthews & Co., J. H., 3942 Forbes, Pittsburgh,
Pa.
Pacific Rubber Stamp Co., 918 S. Main, Los
Angeles, Cal.
Sachs-Lawlor Co., 1543 Larimer, Denver, Colo.
Smith, Chas. C., Exeter, Neb.
Southern Stamp & Stencil Co., 48½ N. Forsyth,
Atlanta, Ga.
Swisher Mfg. Co., R. D., 411 S. Clinton, Chicago,
Ill.

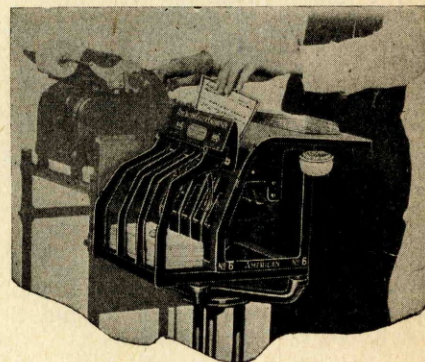
121 CHEQUES, TRAVELERS

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

122 CHESTS, STEEL

All-Steel-Equip Co., Aurora, Ill.
Art Metal Construction Co., Jones & Gifford Ave.,
Jamestown, N. Y.
Art Metal Products Co., 514 S. Green, Chicago, Ill.
**BANK VAULT INSPECTION CO., 1824 Ludlow,
Philadelphia, Pa.**
Cary Safe Co., 1200 Niagara, Buffalo, N. Y.
Davidson Co., J. L., 632 Mateo, Los Angeles, Cal.
Diebold Safe & Lock Co., 818 Mulberry Rd., S. E.,
Canton, Ohio.
General Fireproofing Co., Youngstown, O.
Hall's Safe Co., 3253 Spring Grove Ave., Cin-
cinnati, Ohio.
Herring-Hall-Marvin Safe Co., Grand Boulevard,
Hamilton, O.
Invincible Metal Furniture Co., 824 Twenty-sixth,
Manitowoc, Wis.
Meilink Steel Safe Co., Toledo, Ohio.
Mosler Safe Co., Hamilton, O.
Nachtgall Mfg. Co., 237 S. Front, Grand Rapids,
Mich.
National Safe & Lock Co., E. 69th & Quincey,
Cleveland, O.
St. Louis Bank Bldg. & Eqt. Co., 906 Sidney,
St. Louis, Mo.
Stuart-Hooper Co., 4007 Michigan Ave., Chicago,
Ill.
Wisconsin Iron & Wire Works, 1660 Booth, Mil-
waukee, Wis.

**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 a wide slot in 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 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
620 W. Jackson Blvd., 24 Thames Street
Chicago, Illinois New York City

CHILDREN'S SAVINGS

(See School Savings)

123 CHRISTMAS MONEY ENVELOPES**HOCKSWENDER CO., B. H., 711 Penn Ave., Pittsburgh, Pa.** (See our adv. on this page.)**124 CHRISTMAS SAVINGS**

Bankers Printing Co., 836 Montgomery, San Francisco, Cal.
 Bankers Publicity Co., Arcade Bldg., St. Louis, Mo.
 Bankers Publicity Service, Inc., 1926 North Ave., Milwaukee, Wis.
 Bankers Service Corp., 19 Warren, New York, N.Y.
 Call's Bankers Service Corp., 25 E. Bay, Savannah, Ga.
 Goodman Christmas Savings Clubs Co., 195 Madison Ave., Memphis, Tenn.
 Lackner Co., 21 W. Pearl, Cincinnati, Ohio.
 Landis Savings Club Co., 1347 Howard, Harrisburg, Pa.
 Lummus Bankers Service (not inc.), Julius, Hendersonville, N. C.
 Martin Co. (The Frank), Marshall Bldg., Cleveland, O.
 National Adv. Corp., Merch.-Laclede Bldg., St. Louis, Mo.
 Nichols & Brown, Tribune Tower, Chicago, Ill.
 Outcault Adv. Co., 221 E. 20th, Chicago, Ill.
 Schmidt Lithograph Co., 461 Second, San Francisco, Calif.
THRIFT BUILDERS, INC., 214 W. Water, Milwaukee, Wis.
 Union Savings Systems Co., 131 N. Duke, Lancaster, Pa.
 Von Senden Co., Arthur, 316 Fourth Ave., Pittsburgh, Pa.
WRIGHTSON CHRISTMAS CLUB CO., INC., 129 N. 12th, Philadelphia, Pa.

CLEANERS, MARBLE

(See Supplies, Janitors')

125 CLEANERS, TYPEWRITER

American Writing Machine, 449 Central Ave., Newark, N. J.
 Carter's Ink Co., 239 First, Cambridge, Mass.
 Clarotype Co., Inc., 16 Hudson, New York, N. Y.
 Sanford Mfg. Co., 846 W. Congress, Chicago, Ill.
 Slogan Advertising Agency, 128 E. Main, Norristown, Pa.
 Webster Co., Inc., F. S., 332 Congress, Boston, Mass.

CLEANING EQUIPMENT

(See Equipment, Cleaning)

126 CLOCK SYSTEMS

American Watchmans Time Detector, 3403 Perkins Ave., Cleveland, Ohio.
 Cincinnati Time Recorder Co., 1733 Central Ave., Cincinnati, Ohio.
 Duplex Electric Co., 71 Grand, New York, N. Y.
 Howard Clock Co., E., 373 Washington, Boston, Mass.
 McClintock Co., O. B., 139 Lyndale Ave., N., Minneapolis, Minn.

127 CLOCKS, CHIME**McCLINTOCK CO., O. B., 135 Lyndale Ave., N., Minneapolis, Minn.****128 CLOCKS, COIN**

Stronghart Co., 2942 W. Lake, Chicago, Ill.
D. E. WARD, 111 W. Monroe, Chicago, Ill.

129 CLOCKS, DESK

Kastens, Henry, 418 W. 27th, New York, N. Y.
 Rehberger Co., A. C., 3656 Lincoln Ave., Chicago, Ill.
 Stronghart Co., 2942 W. Lake, Chicago, Ill.

130 CLOCKS, ELECTRIC

(See also Clock Systems)

Cincinnati Time Recording Co., 1733 Central Ave., Cincinnati, Ohio.
 Commercial Utilities Mfg. Co., 147 Waverly Pl., New York, N. Y.
 Duplex Electric Co., 71 Grand, New York, N. Y.
 Howard Clock Co., E., 373 Washington, Boston, Mass.

131 CLOCKS, POST & BRACKET

Cannon Ball Alarm Co., 139 Lyndale Ave., Minneapolis, Minn.
 Flour City Ornamental Iron Co., Minneapolis, Minn.
 Howard Clock Co., E., Boston, Mass.
 McClintock Co., O. B., 139 Lyndale Ave., N., Minneapolis, Minn.

132 CLOCKS, TIME

Commercial Utilities Mfg. Co., 147 Waverly Pl., New York, N. Y.

133 CLOCKS, WATCHMAN'S

American Watchmans Time Detector Co., 3403 Perkins Ave., Cleveland, Ohio.
 Cincinnati Time Recorder Co., 1733 Central Ave., Cincinnati, Ohio.
 Kastens, Henry, 418 W. 27th, New York, N. Y.

134 CLOTH, GUMMED

Halls Paper & Sp'lties Co., Inc., 27 Thames St., New York, N. Y.

135 CLUBS, CHRISTMAS SAVINGS

Bankers Publicity Co., Arcade Bldg., St. Louis, Mo.
 Goodman Christmas Savings Clubs Co., 195 Madison Ave., Memphis, Tenn.
WRIGHTSON CHRISTMAS CLUB CO., 131 N. Twelfth St., Philadelphia, Pa.

COIN CABINETS

(See Cabinets, Coin)

136 COIN CHANGERS

Brandt Automatic Cashier Co., Watertown, Wis.
 The Hedman Mfg. Co., 1158 Center, Chicago, Ill.
 Stuart-Hooper Co., 4007 Michigan Ave., Chicago, Ill.

137 COIN COUNTING MACHINES

ABBOTT COIN COUNTER CO., 143d St. & Wales Ave., New York, N. Y. (See our adv. on opposite page.)

C. L. DOWNEY CO., 945 Clark St., Cincinnati, Ohio. (See our adv. on this page.)

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

138 COIN FOLDERS

B. H. HOCKSWENDER CO., 711 Penn Ave., Pittsburgh, Pa. (See our adv. on this page.)
 National Art Works, Inc., 710 Greer Ave., Covington, Ky.

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

139 COIN HOLDERS, METAL

H. N. Andreasen & Sons, 928 N. Richmond, Chicago, Ill.
 Martine Co., A. R., Inc., 1 Wall, New York, N. Y.
 Parisian Novelty Co., 3510 S. Western Ave., Chicago, Ill.

COIN WRAPPING MACHINES

ABBOTT COIN COUNTER CO., 143d St. & Wales Ave., New York, N. Y. (See our adv. on opposite page.)

COLLECTION SYSTEMS

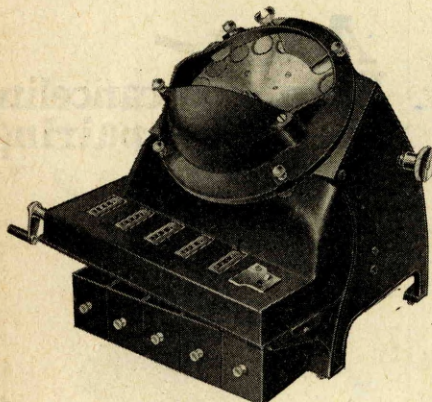
(See Systems, Collection)

140 COMMERCIAL ATLASES

RAND McNALLY & CO., 536 S. Clark St., Chicago, Ill. (See our adv. on page 15G.)

COMPTOMETERS

(See Machines, Adding)



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

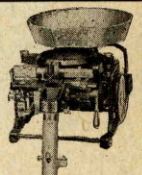
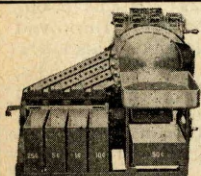
Christmas Money Holders

Appropriate designs for various occasions. Samples submitted on request

B. H. HOCKSWENDER COMPANY*Originators of distinctive Money Holders*

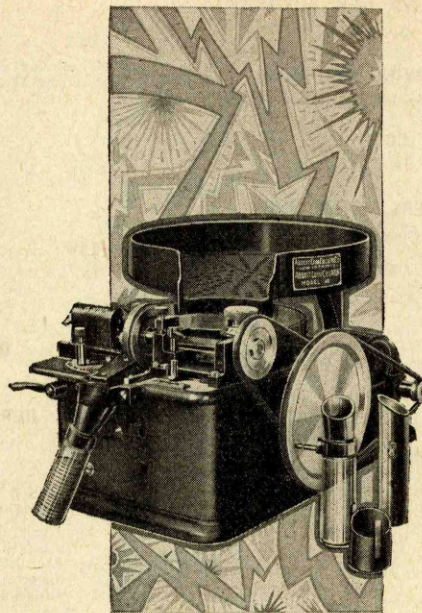
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THE FIRST MACHINE ON THE MARKET TO MAKE**Sorting, Counting and Wrapping of Coins****INFALLIBLY ACCURATE—MARVELOUSLY RAPID****12 DIFFERENT MODELS—A MACHINE FOR EVERY PURPOSE****"MAKE EVERY PENNY COUNT"****THE C. L. DOWNEY CO., 941-7 Clark St., CINCINNATI, OHIO**

SPEED and Ease of Operation

Two factors that
make ABBOTT coin
counting machines
Supreme



Model 4 machine.
Both electrically and hand driven.

FOR Seventeen years the Abbott Coin Counter Company has manufactured coin handling equipment used in thousands of banks, in all parts of the U. S. and in Foreign Countries. This equipment includes:

Coin Counting Machines
(both power and hand)

Coin Wrappers
(both tubular and flat)

Coin Assorters

Coin Bags

Bill Straps

Lead Seals and Presses

All Steel Cabinets for Wrapped Coins, and Bank Supplies.

Especially would we like to tell you about our Counting Machines and Tubular Wrappers. If you are interested in a machine, we have one to fit your budget and needs. If you are interested in tubular wrappers we have a *free service* we would like to explain in detail.

Write for catalog showing our complete line including Bank Supplies.

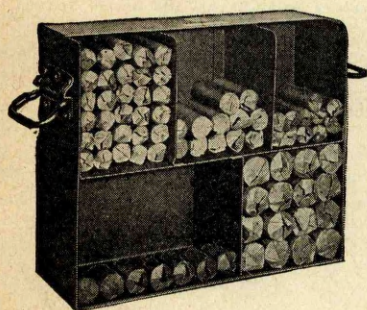
Machines sent to any part of the United States by
Prepaid Express for ten day FREE Trial

ABBOTT COIN COUNTER CO.

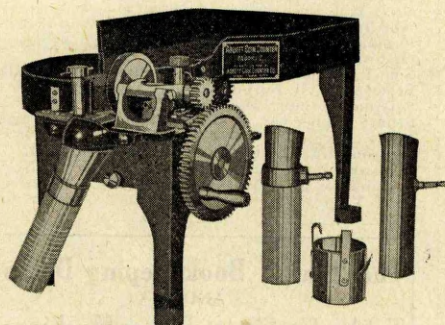
"PIONEERS IN MODERN COIN HANDLING EQUIPMENT"

143d St. and Wales Ave.

NEW YORK, N. Y.

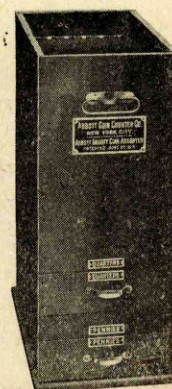


Container for wrapped coins. Holds various quantities of all denominations of wrapped coins, also furnished with locking covers.



Model No. 2 machine. Hand driven. An operator can package 400 coins a minute or count 2,000 coins into a bag. Adjustable for pennies, nickels, dimes, quarters and halves.

Gravity coin assorter. Assorts coins by gravity entirely. Will separate 1500 mixed coins in a minute, placing them in their respective compartments.



COMPUTERS, TIME

(See Calculators, Time and Interest)

CONTESTS, NEW BUSINESS

(See Advertising, Bank)

COPYING MACHINES

(See Machines, Duplicating)

CORK TILE

(See Tile, Cork)

141 COVERS, CHECK BOOK

American Bank Check Cover Co., 718 N. 15th, St. Louis, Mo.
 American Bank Supply Co., 628 N. Illinois, Indianapolis, Ind.
 American Beauty Cover Co., 1902 Orange, Dallas, Tex.
 Baker Mfg. Co., Oliver, 315 1st Ave., N., Minneapolis, Minn.
 Beach Leather Co., 1301 E. Walnut, Coshocton, O.
 Benson & Sons, B. D., 11 Cliff, New York, N. Y.
 Brace & Co., H. G., 7th N. & Harrison, Seattle, Wash.
 Broderick Co., 460 Robert, St. Paul, Minn.
 Buckeye Leather Co., Chestnut, Coshocton, Ohio.
 Bushong & Co., Park & Stark, Portland, Ore.
 Butth & Co., Inc., W. F., 1005 University Ave., St. Paul, Minn.
 Cockrum Ptg. Co., J. W., Oakland City, Ind.
 Continental Bank Supply Co., Mexico, Mo.
 Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 Economy Adv. Co., Linn & Market, Iowa City, Ia.
 Douglas & Mizes Leather Goods Co., 1145 Blue Island Ave., Chicago, Ill.
 Drew Co., H. & W. B., 22 W. Bay, Jacksonville, Fla.
 The Exline Co., 113 St. Clair Ave., N. E., Cleveland, Ohio.
 Ferree Co., E. H., 61 Richmond Ave., Lockport, N. Y.
 Ft. Wayne Ptg. Co., 119 Holman, Ft. Wayne, Ind.
 Gast Bank Note Co., 4189 Chippewa, St. Louis, Mo.
 Kemper Thomas Co., Park Ave., Norwood Sta., Cincinnati, Ohio.
 Knight Counihan Co., 32 Clay, San Francisco, Cal.
KOHL & CO., P. J., 230 W. Huron, Chicago, Ill. (See our adv. on page 13G.)
 Leather Products Co., 201 South, Iola, Kan.
 Le Febure Corp., Cedar Rapids, Iowa.
 Meeker Co., Inc., 3d & Michigan, Joplin, Mo.
 National Bank Supply Co., 60 Spring, New York, N. Y.
 Pettibone & Co., P. F., 27 N. Desplaines, Chicago, Ill.
 Poucher Ptg. & Litho. Co., 320 S. 4th, Minneapolis, Minn.
 Red Wing Adv. Co., Main & Potter, Red Wing, Minn.
 Reynolds & Reynolds Co., Washington & Dudley, Dayton, O.
RICHMOND & BACKUS CO., Woodward at Congress, Detroit, Mich. (See our adv. on page 29G.)
 Schaefer Mfg. Co., O. E., 4189 Chippewa, St. Louis, Mo.
 Schwabacher-Frey Sta. Co., 735 Market, San Francisco, Cal.
 Seelman & Sons Co., Geo., 337 Seventh, Milwaukee, Wis.
 Shedd-Brown Mfg. Co., 317 Fifth Ave. So., Minneapolis, Minn.
 Smith Ptg. Co., 225 E. 3d, Williamsport, Pa.
 Stiteler-Lewis Mfg. Co., 515 Jackson, Dallas, Tex.
 Strayer Coin Bag Co., New Brighton, Pa.
 Stuart-Hooper Co., 4007 Michigan, Chicago, Ill.
 Todd Co., 1178 University Ave., Rochester, N. Y.
 Twentieth Century Co., 538 S. Dearborn, Chicago, Ill.
 Union Lithograph Co., Inc., 2030 E. 7th, Los Angeles, Cal.
 United Pass Book & Cover Co., 5600 S. Compton, St. Louis, Mo.
 United States Check Book Co., 1309 Howard, Omaha, Neb.
 Van Chief Lithographing Co., 2708 Wabash Ave., Chicago, Ill.
 Voss Co., Herman, 603 E. Water, Milwaukee, Wis.
 Weinman Bros., 421 S. Wells, Chicago, Ill.
 Western Lithograph Co., 600 E. 2d, Los Angeles, Cal.
 Young & Gardner Co., 655 S. Wells, Chicago, Ill.
 Young & Selden Co., 224 N. Calvert, Baltimore, Md.
 Zell, Inc., D. H., 536 Broadway, New York, N. Y.

CREDIT FILES

(See Files, Credit)

142 CUPS, DRINKING

Advertising Specialty Co., 609 Ryan Bldg., St. Paul, Minn.
 American Paper Goods Co., 1327 Washington Bldg., Kensington, Conn.
 Selig Co., 336 Marietta, Atlanta, Ga.
 Stuart-Hooper Co., 4007 Michigan Ave., Chicago, Ill.
 Union Paper & Twine Co., 116 St. Clair Ave., N. W., Cleveland, O.
 Wisconsin Paper & Products Co., 145 Broadway, Milwaukee, Wis.

CUT FILES

(See Files, Cut)

143 CUTTERS, COUPON

Matthews & Co., Jas. H., 3942 Forbes, Pittsburgh, Pa.
 Twentieth Century Co., 538 S. Dearborn, Chicago, Ill.

144 CUTTERS, PAPER

Challenge Machinery Co., Grand Haven, Mich.
 Golding Mfg. Co., Franklin, Mass.

D**DATING MACHINES**

(See Stamps, Dating)

145 DEODORIZERS

Hockwald Chemical Co., 436 Bryant, San Francisco, Cal.
 Selig Co., 336 Marietta, Atlanta, Ga.

DEPOSIT BOXES, SAFETY

(See Boxes, Deposit, Safety)

DEPOSIT RECEIVING MACHINES

(See Machines, Deposit Receiving)

146 DESIGNERS, INTERIOR

(See also Architects & Builders)

American Fixture Co., 16th & Bellefontaine, Kansas City, Mo.
 Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 J. Williams Beal, Sons, 185 Devonshire, Boston, Mass.
 Bush Co., Inc., James S., 11 Park Pl., New York, N. Y.
 Fisher Co., Charles City, Iowa.
 Hunt Co., R. W., 2200 Insurance Exchange, Chicago, Ill.
 Krueger Mfg. Co., 1316 Lakewood, Atlanta, Ga.
 Nachttegal Mfg. Co., 237 S. Front, Grand Rapids Mich.
 Scheitler & Wenisch, 605 Michigan Ave., N., Chicago, Ill.
 Stiles Co., Geo. W., 159 E. Ontario, Chicago, Ill.
 Taylor Palmer Co., 49 E. Wells, Milwaukee, Wis.
 Tilghman Moyer Co., 191 N. 9th, Allentown, Pa.
 Uffendell, W. G., 39 S. State, Chicago, Ill.
 West Co., M. G., 117 Front, San Francisco, Cal.
 Womack & Sons, Inc., J. P., Lakewood Ave., Atlanta, Ga.

147 DESIGNERS, VAULT

(See also Vaults)

Hollar Company, 111 S. 15th, Philadelphia, Pa.
 Lacy Co., L. D., 1206 Syndicate Tr. Bldg., St. Louis, Mo.
 Hunt Co., R. W., 2200 Insurance Exchange, Chicago, Ill.
 Rivet-Grip Steel Company, The, 2404 Prospect Ave., Cleveland, O.
 Scheitler & Wenisch, 605 Michigan Ave., N., Chicago, Ill.
 Strauss & Son, E. A., 80 E. Jackson Blvd., Chicago, Ill.

148 DESKS

(See Furniture, Bank and Office)

Allen-Marshall Co., Ivan, 40 Marietta, Atlanta, Ga.
 Automatic File & Index Co., 10th St., State to Broadway, Green Bay, Wis.
 Byron Desk Mfg. Co., 32d & Woodland Ave., Louisville, Ky.
FALLS BANK DESK CO., 2045 W. 103d St., Chicago, Ill. (See our adv. on this page.)
 The Fritz-Cross Co., 236 Hamm Bldg., St. Paul, Minn.
 Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Hoosier Desk Co., 202 Mill, Jasper, Ind.
 Imperial Desk Co., Florida & Devon, Evansville, Ind.
 Inter Ocean Cabinet Co., 326 S. Paulina, Chicago, Ill.
 The Joplin Printing Co., Inc., 509 Joplin, Joplin, Mo.
 Lexington Desk Co., Inc., 157 E. 44th, New York, N. Y.
 Northwestern Furniture Co., 271 W. Water, Milwaukee, Wis.
 Orthwine, R., 344 W. 34th, New York, N. Y.
 Schick, Johnson Co., 1737 N. Paulina, Chicago, Ill.
 Stow & Davis Furniture Co., 70 S. Front Ave., Grand Rapids, Mich.
 Stuart-Hooper Co., 4007 Michigan Ave., Chicago, Ill.
 Watson Mfg. Co., 63 Taylor, Jamestown, N. Y.
 Williams, Inc., John, 556 W. 27th, New York, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

149 DESKS, BOOKKEEPERS

Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Automatic File & Index Co., Green Bay, Wis.
 Becker Co., John C., 41 E. Wells, Milwaukee, Wis.
 Falls Bank Desk Co., 2045 W. 103d, Chicago, Ill. (See our adv. on this page.)
 Fritz-Cross Co., 236 Hamm Bldg., St. Paul, Minn.
 Holder's, Inc., 236 W. Lake, Chicago, Ill.
 Inter Ocean Cabinet Co., 326 S. Paulina, Chicago, Ill.
 Shaw-Walker Co., Muskegon, Mich.

150 DESKS, CARD RECORD

Allen-Marshall Co., Ivan, 40 Marietta, Atlanta, Ga.
 Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Automatic File & Index Co., Green Bay, Wis.
 Northwestern Furniture Co., 271 W. Water, Milwaukee, Wis.
 Remington Rand Business Service, Inc., 374 Broadway, New York, N. Y.
 Shaw-Walker Co., Muskegon, Mich.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

151 DESKS, CHECK SORTING

Automatic File & Index Co., Green Bay, Wis.
 Claws Mfg. Co., The A., 5250 Brookpark Rd., Cleveland, Ohio.
 Ehrlich & Sons Mfg. Co., H., Colo. & Lake, St. Joseph, Mo.
 Falls Bank Desk Co., 2045 W. 103d, Chicago, Ill. (See our adv. on this page.)

152 DESKS, LOBBY

(See also Fixtures)

Acme Wire & Iron Works, Detroit, Mich.
 American Fixture Co., Kansas City, Mo.
 Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Circle A. Products Corp., 613 S. 25th, New Castle, Ind.
 Fisher Co., Charles City, Iowa.
 Flour City Ornamental Iron Co., Minneapolis, Minn.
 General Fireproofing Co., Youngstown, Ohio.
 Georgia Show Case Co., Montgomery, Ala.
 Inter Ocean Cabinet Co., 326 S. Paulina, Chicago, Ill.
 Taylor-Palmer Co., 49 E. Wells, Milwaukee, Wis.
 Van Dorn Iron Works Co., 2685 E. 79th, Cleveland, Ohio.
 Williams, Inc., Jno., 556 W. 27th, New York, N. Y.
 Wisconsin Iron & Wire Works, 1660 Booth, Milwaukee, Wis.

153 DESKS, MECHANICAL POSTING

Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Becker Co., John C., 41 E. Wells, Milwaukee, Wis.
 Falls Bank Desk Co., 2045 W. 103d, Chicago, Ill. (See our adv. on this page.)
 Flour City Ornamental Iron Co., Minneapolis, Minn.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

154 DESKS, METAL

(See Furniture, Metal)

Allen-Marshall Co., Ivan, 40 Marietta, Atlanta, Ga.
 Falls Bank Desk Co., 2045 W. 103d, Chicago, Ill.
 Van Dorn Iron Works Co., 2685 E. 79th, Cleveland, Ohio.

155 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., 10th St., State to Broadway, Green Bay, Wis.
 Byron Desk Co., 32d & Woodland Ave., Louisville, Ky.
 Falls Bank Desk Co., 2045 W. 103d, Chicago, Ill.
 Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Hoosier Desk Co., 202 Mill, Jasper, Ind.
 Tucker & Dorsey Mfg. Co., P. O. Box 957, Indianapolis, Ind.
 Van Dorn Iron Works Co., 2685 E. 79th Cleveland, Ohio.

156 DESKS, WOOD

(See Furniture, Bank & Office)

Falls Bank Desk Co., 2045 W. 103d, Chicago, Ill.
 Imperial Desk Co., Florida & Devon, Evansville, Ind.
 Inter Ocean Cabinet Co., 326 S. Paulina, Chicago, Ill.

DETECTIVE AGENCIES

(See Agencies, Detective)

157 DEVICES, LOOSE LEAF

(See Supplies, Loose Leaf and specific headings)

Lloyd Co., W. G., 6265 S. Clark, Chicago, Ill.
 McBee Binder Co., (The), Athens, Ohio.
 Southern States Ptg. Co., Inc., The, Griffin, Ga.

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

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

158 DICTOGRAPHS
 Dictograph Products Corp., 220 W. 42d, New York, N. Y.

159 DICTAPHONES
 (See also Machines, Dictating)
 Dictaphone Corporation, 154 Nassau, New York, N. Y.
 Edison, Inc., Thomas A., Orange, N. J.

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

161 DIRECTORIES, BUILDING
 Clark Mfg. Co., R. W., 4311 Ravenswood Ave., Chicago, Ill.
 Davenport-Taylor Mfg. Co., 412 Orleans, Chicago, Ill.
 Matthews & Co., J. H., 3942 Forbes, Pittsburgh, Pa.
 Tablet & Ticket Co., 1015 W. Adams, Chicago, Ill.
 Twentieth Century Co., 538 S. Dearborn, Chicago, Ill.
 Wisconsin Iron & Wire Works, 1660 Booth, Milwaukee, Wis.

162 DIRECTORIES, CLASSIFIED TELEPHONE
 Donnelley Corp., Reuben H., Chicago, Ill.

163 DIRECTORIES, COMMERCIAL
 Moody's Investors Service, 35 Nassau, New York, N. Y.

164 DISINFECTANTS
 Hockwald Chemical Co., 436 Bryant, San Francisco, Cal.
 Selig Co., 336 Marietta, Atlanta, Ga.

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

166 DISPENSERS, DRINKING CUP
 (See also Equipment, Bank & Office)
 Union Paper & Twine Co., 116 St. Clair Ave., Cleveland, Ohio.

167 DISPENSERS, SOAP
 Gerson-Stewart Corp., 3528 E. 76th, Cleveland, O.
 Hockwald Chemical Co., 436 Bryant, San Francisco, Cal.
 Selig Co., 336 Marietta, Atlanta, Ga.

168 DOOR CLOSERS
 Yale & Towne Mfg. Co., Stamford, Conn.

169 DOOR OPENERS, ELECTRIC
 Corbin, P. & F., New Britain, Conn.
 Patrick & Wilkins Co., Philadelphia, Pa.

170 DOORS, FIRE
 Kinnear Mfg. Co., Columbus, O.
 Wilson Corp., J. G., New York, N. Y.

171 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., Minneapolis, Minn.
 Kawneer Co., Front St., Niles, Mich.
 Luptons Sons Co., David, Allegheny Ave. & Tulip, Philadelphia, Pa.
 Williams, Inc., John, 556 W. 27th, New York, N. Y.

172 DOORS, REVOLVING
 Bank Protective Devices, Inc., 211 N. Liberty, Baltimore, Md.
 General Fireproofing Co., Youngstown, O.

173 DOORS, VAULT
 (See also Vaults)
 Baumann Safe Co., John, 408 N. 4th, St. Louis, Mo.
 Becker Co., John C., 41 E. Wells, Chicago, Ill.
 Cary Safe Co., 1200 Niagara, Buffalo, N. Y.
 Collins Safe & Fixture Co., W. D., 513 W. Main, Denison, Tex.
 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., Fair & Elm, Hillsboro, O.
 Hall's Safe Co., 3253 Spring Grove Ave., Cincinnati, O.
 Herring-Hall-Marvin Safe Co., Grand Boulevard, Hamilton, O.
 Koch Brother, Grand Ave. & 4th, Des Moines, Ia.
 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.
 St. Louis Bank Bldg. & Eqt. Co., 906 Sidney, St. Louis, Mo.
 West Co., M. G., 117 Front, San Francisco, Cal.
 York Safe & Lock Co., York, Pa.

DRAFT AND NOTE RACKS
 (See Racks, Draft & Note)

174 DRAFTS, BANK
 (See also Forms, Bank)
 American Bindery Corp., 1310 Maple, Detroit, Mich.
 Bankers Check Co., 610 Cleveland, Kansas City, Mo.
 Boorum & Pease Co., 84 Hudson Ave., Brooklyn, N. Y.
 Broderick Co., 460 Robert, St. Paul, Minn.
 Bushong & Co., Park & Stark, Portland, Ore.
 Cockrum Ptg. Co., J. W., Oakland City, Ind.
 Columbian Bank Note Co., 500 S. Ashland Ave., Chicago, Ill.
 Columbus Bank Note Co., 40 E. Spring, Columbus, Ohio.
 Commercial Lithographing Co., 815 W. Market, Louisville, Ky.
 Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
FT. WAYNE PTG. CO., 119 Holman, Ft. Wayne, Ind.
 The Joplin Printing Co., Inc., 509 Joplin, Joplin, Mo.
 Monasch Co., 500 S. 5th, Minneapolis, Minn.
 Northern Bank Note Co., 2340 Racine Ave., Chicago, Ill.
 Poucher Ptg. & Litho. Co., 320 S. 4th, Minneapolis, Minn.
 Smith Ptg. Co., 225 E. 3d, Williamsport, Pa.
 Stephens Litho. & Engraving Co., 420 N. 2d, St. Louis, Mo.
 Stuart-Hooper Co., 4007 Michigan Ave., Chicago, Ill.
 Sunset Press, 1045 Sansome, San Francisco, Cal.
 Swinney Ptg. Co., Fort Branch, Ind.

175 DRAWERS, MONEY
 Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Davidson Co., J. L., 632 Mateo, Los Angeles, Cal.
 Tucker & Dorsey Mfg. Co., P. O. Box 957, Indianapolis, Ind.

DRIERS, AIR
 (See Air Dryers)
DRINKING CUP DISPENSERS
 (See Dispensers, Drinking Cup)

DRINKING CUPS
 (See Cups, Drinking)
176 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., 125 W. Austin, Chicago, Ill.
 Heyer Duplicator Co., Inc., 911 W. Jackson Blvd., Chicago, Ill.
 Liberty Folder Co. (The), Sidney, O.
 Lisenby Mfg. Co., Kern & Angus, Fresno, Cal.
 Manufacturers Typewriter Clearing House, Inc., 193 N. Dearborn, Chicago, Ill.
 Multistamp Co., Norfolk, Va.
 Office Efficiency Distributors Co., 200 Davis, San Francisco, Cal.
 Rotospeed Co., 5th & Wilkinsen, Dayton, O.
 Typographic Machines Co., 431 E. 3d, Dayton, O.

E
ELECTRIC FLASHERS
 (See Signs, Electric)
ELEVATOR LOCKS
 (See Locks, Elevator)

177 ELEVATORS
 Kaestner & Hecht Co., 1500 N. Branch, Chicago, Ill.
 Lamson Co. (The), Syracuse, N. Y.
 Otis Elevator Co., New York, N. Y.

178 EMBOSsing
 (See also Printing & Engraving)
 Beach Ptg. Co., Will A., 235 N. Phillips Ave., Sioux Falls, S. D.
 Buxton & Skinner Ptg. & Sta. Co., 306 N. 4th, St. Louis, Mo.
 Clarke & Courts, Galveston, Tex.
 Courier-Journal Job Printing Co., 326 W. Liberty, Louisville, Ky.
 Dow Co., Louis F., 2242 University Ave., St. Paul, Minn.
 Drew Co., H. & W. B., 22 W. Bay, Jacksonville, Fla.
 Farnham Ptg. & Sta. Co., 417 Hennepin Ave., Minneapolis, Minn.
 Foote & Davies Co., Edgewood & Pryor, Atlanta, Ga.
 Forman-Bassett Co., 1427 W. 3d, Cleveland, O.

Irwin Hodson Co., 115 N. 15th, Portland, Ore.
 Levey Ptg. Co., State House Square, Indianapolis, Ind.
 Omaha Printing Co., 130 Farnam, Omaha, Neb.
 Smith Ptg. Co., 225 E. 3d, Williamsport, Pa.
 Smith & Co., The Oscar T., 407 E. Saratoga, Baltimore, Md.
 Stafford Lowdon Co., 610 W. Daget, Ft. Worth, Tex.
 Stevens, Maloney & Co., 21 S. La Salle, Chicago, Ill.
 Stuart-Hooper Co., 4007 Michigan Ave., Chicago, Ill.
 Toof & Co., S. C., 195 Madison, Memphis, Tenn.
 Walker, Evans & Cogswell Co., 3 Broad, Charleston S. C.
 Western Bank & Office Supply Co., 205 W. 1st, Oklahoma City, Okla.
 Western Lithograph Co., 600 E. 2d, Los Angeles, Cal.

179 EMPLOYMENT SERVICE, BANK
 Walters Co., Chas. E., 1st Nat'l Bk. Bldg., Omaha, Neb.

180 ENDORSERS, CHECK
 (See Check Endorsers)
AMERICAN PERFORATOR CO., 625 W. Jackson Blvd., Chicago, Ill. (See our adv. on page 23G.)
 Colonial Engraving Co., 137 Federal, Boston, Mass.
 Cummins Perforator Co., 4740 Ravenswood Ave., Chicago, Ill.
 The Hedman Mfg. Co., 1158 Center, Chicago, Ill.
 International Postal Supply Co., 634 Prospect Pl., Brooklyn, N. Y.
 Joslin Mfg. Co., A. D., 123 Arthur, Manistee, Mich.

181 ENGINEERS, EQUIPMENT
 (See also Architects and Builders)
 Bankers Architectural & Engineering Co., 122 S. Michigan, Chicago, Ill.
BOND-HUBBARD CO., 38 S. Dearborn, Chicago, Ill. (See our adv. on page 17G.)
 Bruner & Simmons, Inc., 327 S. La Salle, Chicago, Ill.
 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 & Acoc, 101 Park Ave., New York, N. Y.
 Moorman & Co., A., 600 Chamber of Com. Bldg., St. Paul, Minn.
 Stiles Co., Geo. W., 159 E. Ontario, Chicago, Ill.
 St. Louis Bank Bldg. & Equipment Co., 906 Sidney St. Louis, Mo.
 Taylor Palmer Co., 49 E. Wells, Milwaukee, Wis.
 Tilghman Moyer Co., 141 N. 9th, Allentown, Pa.
UFFINGER, POSTER & BOOKWALTER, INC., 221 W. 27th, New York, N. Y. (See our adv. on page 16G.)
 Weary & Alford Co., 1923 Calumet, Chicago, Ill.
 Wise Co., Inc., J. H., 911 Syndicate Tr. Bldg., St. Louis, Mo.

182 ENGINEERS, INDUSTRIAL
 Estes, Inc., L. V., 4753 Broadway, Chicago, Ill.

ENGINEERS, VAULT
 (See Vault Inspection)

ENGRAVED BONDS
 (See Bonds, Engraved & Printed)

ENGRAVED LETTERHEADS
 (See Letterheads, Engraved; also Engraving)

183 ENGRAVING
 American Bank Supply Co., 628 N. Illinois, Indianapolis, Ind.
 Benson & Sons, Inc., B. D., 11 Cliff, New York, N. Y.
 Berg, Joseph, 30 Ferry, New York, N. Y.
 Buxton & Skinner Ptg. & Sta. Co., 306 N. 4th, St. Louis, Mo.
 Carrithers & Co., 108 N. Wells, Chicago, Ill.
 Central Banknote Co., 319 N. Albany, Chicago, Ill.
 Childs & Co., S. D., 136 S. Clark, Chicago, Ill.
 Columbian Bank Note Co., 500 S. Ashland Blvd., Chicago, Ill.
 Commercial Lithographing Co., 815 W. Market, Louisville, Ky.
 Courier-Journal Job Printing Co., 326 W. Liberty, Louisville, Ky.
 Dameron-Pierson Co., Ltd., 400 Camp, New Orleans, La.
 Drew Co., H. & W. B., 22 W. Bay, Jacksonville, Fla.
 Foote & Davies Co., Edgewood & Pryor, Atlanta, Ga.
 Forman-Bassett Co., 1427 W. 3d, Cleveland, O.
FUNKE ENGRAVING CO., 536 S. Clark St., Chicago, Ill.
 Gregory Mayer & Thom Co., 41 Cadillac Square, Detroit, Mich.
 Hutson & Co., C. S., 557 S. San Pedro, Los Angeles, Cal.
 Knight Counihan Co., 32 Clay, San Francisco, Cal.
 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.
 Marshall-Jackson Co., 24 S. Clark, Chicago, Ill.

ENGRAVING—CONTINUED

Mysell-Rollins Bank Note Co., 32 Clay, San Francisco, Cal.
Pembroke Co., 24 E. Broadway, Salt Lake City, Utah.
Salisbury-Schulz Co., P. A., 181 N. Wells, Chicago, Ill.
Schwabacher Frey Sta. Co., 735 Market, San Francisco, Cal.
Smith Co., Oscar T. & Son, 407 E. Saratoga, Baltimore, Md.
Smith Ptg. Co., 225 E. 3d, Williamsport, Pa.
Southern States Ptg. Co., Inc., Griffin, Ga.
Stephens Litho. & Engraving Co., 420 N. 2d, St. Louis, Mo.
Stevens, Maloney & Co., 21 S. La Salle, Chicago, Ill.
Union Bank Note Co., 1016 Central, Kansas City, Mo.
United States Check Book Co., 1309 Howard, Omaha, Neb.
Van Chief Lithographing Co., 2708 Wabash Ave., Chicago, Ill.
Woodbury & Co., Inc., Chadwick Sq., Worcester, Mass.

184 ENGROSSERS

Ames & Rollinson, 206 Broadway, New York, N. Y.

ENVELOPE SEALERS

(See Machines, Sealing, Envelope)

185 ENVELOPES

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.
Butler Paper Corp., 223 W. Monroe, Chicago, Ill.
Chicago Neostyle Envelope Co., 5 S. Wabash Ave., Chicago, Ill.
Cohite & Wyckoff Mfg. Co., Holyoke, Mass.
Commercial Envelope Corp., 3024 Lemp Ave., St. Louis, Mo.
Continental Bank-Supply Co., Mexico, Mo.
Corporation Coupon Envelope Co., 309 E. Water, Chicago, Ill.
Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
Eagle Envelope Co., 1322 S. Wabash Ave., Chicago, Ill.
Field-Ernst Envelope Co., 45 Fremont, San Francisco, Cal.
Gaw-O'Hara Envelope Co., 3026 Franklin Blvd., Chicago, Ill.
Gulf Envelope Co., 520 Preston Ave., Houston, Tex.
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.
Outlook Envelope Co., 564 W. Monroe, Chicago, Ill.
Pittsburgh Envelope Co., Greensburg, Pa.
Quality Park Envelope Co., Midway (Quality Park), St. Paul, Minn.
Safety Envelope Co., 2625 Wells, Milwaukee, Wis.
Security Envelope Co., 2900 Fifth Ave., S., Minneapolis, Minn.
Standard Envelope Mfg. Co., 127 Ninth Ave., So., Nashville, Tenn.
Swinney Ptg. Co., Fort Branch, Ind.
Tranzo Envelope Co., 3542 N. Kimball, Chicago, Ill.
United States Check Book Co., 1309 Howard, Omaha, Neb.
Wessel Co., 121 N. Green, Chicago, Ill.
Wolf Envelope Co., 1749 E. 22d, Cleveland, O.
Young & Selden Co., 224 N. Calvert, Baltimore, Md.
Zellerbach Paper Co., 534 Battery, San Francisco, Cal.

186 ENVELOPES, COIN

ABBOTT COIN COUNTER CO., 143d & Wales Ave., New York, N. Y.
Berkowitz Envelope Co., 19th & Campbell, Kansas City, Mo.
Commercial Envelope Corp., 3024 Lemp Ave., St. Louis, Mo.
Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
Gaw-O'Hara Envelope Co., 3026 Franklin Blvd., Chicago, Ill.
Heco Envelope Co., 4500 Cortland, Chicago, Ill.
Hesse Envelope & Litho. Co., 4175 N. Kings Highway, St. Louis, Mo.
Pittsburgh Envelope Co., Greensburg, Pa.
Security Envelope Co., 2900 Fifth Ave., S., Minneapolis, Minn.
Standard Envelope Mfg. Co., 127 Ninth Ave., So., Nashville, Tenn.
Stuart-Hooper Co., 4007 Michigan Ave., Chicago, Ill.
Union Paper & Twine Co., 116 St. Clair Ave., Cleveland, Ohio.
Von Senden Co., Arthur, 316 Fourth Ave., Pittsburgh, Pa.

187 ENVELOPES, COUPON

Belnap Envelope Co., 605 Ward Bldg., Battle Creek, Mich.
Berkowitz Envelope Co., 19th & Campbell, Kansas City, Mo.
Commercial Envelope Corp., 3024 Lemp Ave., St. Louis, Mo.
Corporation Coupon Envelope Co., 309 E. Water, Chicago, Ill.
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.
Pittsburgh Envelope Co., Greensburg, Pa.
Security Envelope Co., 2900 Fifth Ave., S., Minneapolis, Minn.
Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

188 ENVELOPES, COUPON WINDOW

Berkowitz Envelope Co., 19th & Campbell, Kansas City, Mo.
Chicago Envelope Co., 59 E. Madison, Chicago, Ill.
Commercial Envelope Corp., 3024 Lemp Ave., St. Louis, Mo.
Corporation Coupon Envelope Co., 309 E. Water, Chicago, Ill.
Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
HECO ENVELOPE CO., 4500 Cortland, Chicago, Ill.
Northern States Envelope Co., 180 E. 3d, St. Paul, Minn.
Security Envelope Co., 2900 Fifth Ave., S., Minneapolis, Minn.
Standard Envelope Co., 127 Ninth Ave., Nashville, Tenn.
United States Check Book Co., 1309 Howard, Omaha, Neb.

189 ENVELOPES, CURRENCY

Berkowitz Envelope Co., 19th & Campbell, Kansas City, Mo.
Bushnell Co., Alvah, 13th & Wood, Philadelphia, Pa.
Commercial Envelope Corp., 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., 520 Preston Ave., Houston, Tex.
HECO ENVELOPE CO., 4500 Cortland, Chicago, Ill.
Northern States Envelope Co., 180 E. 3d, St. Paul, Minn.
Pittsburgh Envelope Co., Greensburg, Pa.
Security Envelope Co., 2900 Fifth Ave., S., Minneapolis, Minn.
Troy Sunshade Co., 710 Lincoln Ave., Troy, Ohio.
Union Paper & Twine Co., 116 St. Clair Ave., Cleveland, Ohio.

190 ENVELOPES, EXPANDING

Berkowitz Envelope Co., 19th & Campbell, Kansas City, Mo.
Bushnell Co., Alvah, 13th & Wood, Philadelphia, Pa.
Commercial Envelope Corp., 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.
HECO ENVELOPE CO., 4500 Cortland, Chicago, Ill.
Keystone Envelope Co., 427 Moyer, Philadelphia, Pa.
Safety Envelope Co., 2625 Wells, Milwaukee, Wis.
Security Envelope Co., 2900 Fifth Ave., S., Minneapolis, Minn.

191 ENVELOPES, FILING

Automatic File & Index Co., Green Bay, Wis.
Belnap Envelope Co., Battle Creek, Mich.
Berkowitz Envelope Co., 19th & Campbell, Kansas City, Mo.
Bushnell Co., Alvah, 13th & Wood, Philadelphia, Pa.
Commercial Envelope Corp., 3024 Lemp Ave., St. Louis, Mo.
Continental Bank Supply Co., Mexico, 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.
Gulf Envelope Co., 520 Preston Ave., Houston, Tex.
HECO ENVELOPE CO., 4500 Cortland, Chicago, Ill.
Keystone Envelope Co., 427 Moyer, Philadelphia, Pa.
Safety Envelope Co., 2625 Wells, Milwaukee, Wis.
Security Envelope Co., 2900 Fifth Ave., S., Minneapolis, Minn.
Smead Mfg. Co., 309 Second, Hastings, Minn.
Stuart-Hooper Co., 4007 Michigan, Chicago, Ill.
Yawman & Erbe, Mfg. Co. 1099 Jay, Rochester, N. Y.

192 ENVELOPES, MAILING

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.
Bushnell Co., Alvah, 13th & Wood, Philadelphia, Pa.
Commercial Envelope Corp., 3024 Lemp Ave., St. Louis, Mo.
Continental Bank Supply Co., Mexico, 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.
Gulf Envelope Co., 520 Preston Ave., Houston, Tex.
HECO ENVELOPE CO., 4500 Cortland, Chicago, Ill.
Keystone Envelope Co., 427 Moyer, Philadelphia, Pa.
Northern States Envelope Co., 180 E. 3d, St. Paul, Minn.
Pittsburgh Envelope Co., Greensburg, Pa.
Quality Park Envelope Co., Midway (Quality Park), St. Paul, Minn.
Safety Envelope Co., 2625 Wells, Milwaukee, Wis.
Security Envelope Co., 2900 Fifth Ave., S., Minneapolis, Minn.
Standard Envelope Mfg. Co., 127 Ninth Ave., S., Nashville, Tenn.
Union Paper & Twine Co., 116 St. Clair Ave., Cleveland, Ohio.

193 ENVELOPES, OPEN-END

American Paper Goods Co., Kensington, Conn.
Berkowitz Envelope Co., 19th & Campbell, Kansas City, Mo.
Bushnell Co., Alvah, 13th & Wood, Philadelphia, Pa.
Commercial Envelope Corp., 3024 Lemp Ave., St. Louis, Mo.
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.
Pittsburgh Envelope Co., Greensburg, Pa.
Republic Envelope Co., 3617 S. Ashland, Chicago, Ill.
Safety Envelope Co., 2625 Wells, Milwaukee, Wis.
Security Envelope Co., 2900 Fifth Ave., S., Minneapolis, Minn.
Standard Envelope Mfg. Co., 127 Ninth Ave., So., Nashville, Tenn.
Union Paper & Twine Co., 116 St. Clair Ave., Cleveland, Ohio.

194 ENVELOPES, PAY ROLL

American Paper Goods Co., Kensington, Conn.
Bankers Thrift Corp., 2240 N. Racine, Chicago, Ill.
Belnap Envelope Co., 605 Ward Bldg., Battle Creek, Mich.
Berkowitz Envelope Co., 19th & Campbell, Kansas City, Mo.
Commercial Envelope Corp., 3024 Lemp Ave., St. Louis, Mo.
HECO ENVELOPE CO., 4500 Cortland, Chicago, Ill.
Pittsburgh Envelope Co., Greensburg, Pa.
Security Envelope Co., 2900 Fifth Ave., S., Minneapolis, Minn.
Standard Envelope Mfg. Co., 127 Ninth Ave., So., Nashville, Tenn.
Union Paper & Twine Co., 116 St. Clair Ave., Cleveland, Ohio.
Wrightson Christmas Club Co., Inc., 129 N. 12th, Philadelphia, Pa.

195 ENVELOPES, REGISTERED MAIL

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.
Bushnell Co., Alvah, 13th & Wood, Philadelphia, Pa.
Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
Eagle Envelope Co., 1322 S. Wabash Ave., Chicago, Ill.
Field-Ernst Envelope Co., 45 Fremont, San Francisco, Cal.
Gaw-O'Hara Envelope Co., 3026 Franklin Blvd., Chicago, Ill.
HECO ENVELOPE CO., 4500 Cortland, Chicago, Ill.
Hesse Envelope & Litho. Co., 4175 N. Kings Highway, St. Louis, Mo.
Keystone Envelope Co., 427 Moyer, Philadelphia, Pa.
Northern States Envelope Co., 180 E. 3d, St. Paul, Minn.
Pittsburgh Envelope Co., Greensburg, Pa.
Safety Envelope Co., 2625 Wells, Milwaukee, Wis.
Security Envelope Co., 2900 Fifth Ave., S., Minneapolis, Minn.
Zellerbach Paper Co., 534 Battery, San Francisco, Cal.

EQUIPMENT, AIR DRYING

(See Air Driers)

196 EQUIPMENT, BANK & OFFICE

(See also specific headings)

Allen-Marshall Co., 40 Marietta, Atlanta, Ga.
 American Fixture Co., 16th & Bellefontaine, Kansas City, Mo.
 Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Art Metal Products Co., 514-26 S. Green St., Chicago, Ill.
 Becker Co., John C., 41 E. Wells, Chicago, Ill.
 Berger Mfg. Co., 1038 Belden Ave., Canton, O.
 Buerkers & Co., John H., 2117 Elmwood Ave., Detroit, Mich.
 Buffalo Wire Works Co., Inc., 308 Terrace, Buffalo, N. Y.
 Bush Co., Inc., James S., 11 Park Pl., New York, N. Y.
 Canton Art Metal Co., 2820 Winfield Way, N. E., Canton, O.
 Chicago Architectural Bronze Co., 4740 N. Clark, Chicago, Ill.
 Collins Safe & Fixture Co., W. D., 513 W. Main, Denison, Tex.
 Columbia Steel Equipment Co., 1735 Chestnut, Philadelphia, Pa.
 Davidson Co., J. L., 632 Mateo, Los Angeles, Cal.
 Dameron-Pierson Co., Ltd., 400 Camp, New Orleans, La.
 Democrat Prtg. & Lithographing Co., Scott & 2d, Little Rock, Ark.
 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.
 Fisher Co., The, Charles City, Iowa.
 Foote & Davies Co., Edgewood & Pryor, Atlanta, Ga.
 Fritz-Cross Co., 236 Hamm Bldg., St. Paul, Minn.
 General Fireproofing Co., Youngstown, O.
 Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Houston Show Case & Mfg. Co., 3612 Washington Ave., Houston, Tex.
 Invincible Metal Furniture Co., 824 Twenty-Sixth, Manitowoc, Wis.
 Joplin Printing Co., Inc., The, 509 Joplin, Joplin, Mo.
 Koch Brothers, Grand Ave. at 4th, Des Moines, Ia.
 Latsch Bros., Inc., 1118 O St., Lincoln, Neb.
 Lloyd Co., W. G., 6265 Clark, Chicago, Ill.
 Macey Co., 1520 Division Ave., Grand Rapids, Mich.
 McBee Binder Co. (The), Athens, Ohio.
 Metal Office Furniture Co., Grand Rapids, Mich.
 Monroe Calculating Machine Co., Inc., Orange, N. J.
 Mount & Robertson, Inc., 62 Broad, New York, N. Y.
 Nachtgall Mfg. Co., 237 S. Front, Grand Rapids, Mich.
 Northwestern Furniture Co., 271 W. Water, Milwaukee, Wis.
 Ohmer, Inc., A. A. & R. F., 26 E. 1st, Dayton, O.
 Orchard & Wilhelm Co., 414 S. 16th, Omaha, Neb.
 Orthwine, R., 344 W. 34th, New York, N. Y.
 Schenck & Williams, 1406 Third N. Bldg., Dayton, Ohio.
 St. Louis Bank Bldg. & Eqt. Co., 906 Sidney, St. Louis, Mo.
 Steel Fixture Mfg. Co., E. 7th & Adams, Topeka, Kan.
 Stevens Maloney & Co., 21 S. La Salle, Chicago, Ill.
 Stiles Co., Geo. W., 159 E. Ontario, Chicago, Ill.
 Taylor-Palmer Co., 432 Broadway, Milwaukee, Wis.
UFFINGER, FOSTER & BOOKWALTER, INC.,
 221 W. 27th, New York, N. Y.
 United States Check Book Co., 1309 Howard, Omaha, Neb.
 Van Dorn Iron Works Co., 2685 E. 79th, Cleveland, Ohio.
 West Co., M. G., 117 Front, San Francisco, Cal.

EQUIPMENT ENGINEERS

(See Engineers, Equipment)

197 EQUIPMENT, FILING

(See also specific headings)

Acme Card System Co., 116 S. Michigan, Chicago, Ill.
 All-Steel-Equip. Co., Aurora, Ill.
 Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Art Metal Products Co., 514 S. Green, Chicago, Ill.
 Automatic File & Index Co., Green Bay, Wis.
 Browne-Morse Co., Muskegon, Mich.
 Canton Art Metal Co., 2820 Winfield Way, N. E., Canton, Ohio.
 Conway Co., H. H., 725 S. Wells, Chicago, Ill.
 Democrat Prtg. & Lithographing Co., Scott & 2d, Little Rock, Ark.
 Diebold Safe & Lock Co., 818 Mulberry Rd., S. E., Canton, Ohio.
 Findex Co., 49 E. Wells, Milwaukee, Wis.
 General Fireproofing Co., Youngstown, Ohio.
 Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Invincible Metal Furniture Co., 824 Twenty-sixth, Manitowoc, Wis.
 Le Febvre Corp., Cedar Rapids, Iowa.
 Lexington Desk Co., Inc., 157 E. 44th, New York, N. Y.
 Macey Co., 1520 Division Ave., S., Grand Rapids, Mich.
 Marshall Jackson Co., 24 S. Clark, Chicago, Ill.
 Melink Steel Safe Co., Toledo, Ohio.
 Metal Office Furniture Co., Grand Rapids, Mich.
 National Safe & Lock Co., E. 69th & Quincy, Cleveland, Ohio.
 Office Equipment Co., 911 Locust, Des Moines, Ia.
 Pressteel Engineering Corp., 342 Madison Ave., New York, N. Y.
 Remington Rand Business Service, Inc., 374 Broadway, New York, N. Y.
 Shaw-Walker Co., Muskegon, Mich.
 Steel Fixture Mfg. Co., E. 7th & Adams, Topeka, Kan.
 Van Dorn Iron Works Co., 2685 E. 79th St., Cleveland, O.
 Watson Mfg. Co., 63 Taylor, Jamestown, N. Y.
 Weis Mfg. Co., Union, Monroe, Mich.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

198 EQUIPMENT, LUNCH ROOM, EMPLOYEES'

Duparquet, Huot & Moneuse Co., 108 W. 22d, New York, N. Y.

199 EQUIPMENT, MACHINE BOOKKEEPING

RICHMOND & BACKUS CO., Woodward and Congress, Detroit, Mich. (See our adv. on this page.)

EQUIPMENT, RADIO
(See Radio Equipment)

200 EQUIPMENT, REST ROOM

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

201 EQUIPMENT, STORAGE

All-Steel-Equip. Co., Aurora, Ill.
 Art Metal Products Co., 514 S. Green, Chicago, Ill.
 Art Steel Co., Inc., 401 E. 23d, New York, N. Y.
 Automatic File & Index Co., Green Bay, Wis.
 Bankers Box Co., 536 S. Clark, Chicago, Ill.
 Durabilt Steel Locker Co., Aurora, Ill.
HART & HUTCHINSON CO., New Britain, Conn.
 Sebastian & Co., 224 N. Desplaines, Chicago, Ill.
 Van Dorn Iron Works Co., 2685 E. 79th, Cleveland, Ohio.
 Weis Mfg. Co., Union, Monroe, Mich.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

202 EQUIPMENT, VAULT

(See also specific headings)

American Fixture Co., 6th & Bellefontaine, Kansas City, Mo.
ANAKIN LOCK & ALARM CO., 162 N. Franklin, Chicago, Ill.
 Angle Steel Stool Co., Inc., Plainwell, Mich.
 Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Art Metal Products Co., 514 S. Green, Chicago, Ill.
 Bankers Specialty Corp., 5 Beekman St., New York, N. Y.
 Bush Co., Inc., James S., 11 Park Place, New York, N. Y.
 Cary Safe Co., 1200 Niagara, Buffalo, N. Y.
 Collins Safe & Fixture Co., W. D., 513 W. Main, Denison, Tex.
 Davidson Co., J. L., 632 Mateo, Los Angeles, Cal.
 Diebold Safe & Lock Co., 818 Mulberry Rd., S. E., Canton, Ohio.
 Dow Co., Louis F., 2242 University Ave., St. Paul, Minn.
 Formed Steel Cabinet & Eqt. Co., 508 S. Dearborn, Chicago, Ill.
 General Fireproofing Co., Youngstown, Ohio.
 Hall's Safe Co., 3253 Spring Grove Ave., Cincinnati, Ohio.
 Herring-Hall-Marvin Safe Co., Grand Blvd., Hamilton, Ohio.
 Hine Desk & Fixture Co., 2166 Fifteenth St., Denver, Colo.
 Invincible Metal Furniture Co., 824 Twenty-sixth, Manitowoc, Wis.
 Mount & Robertson, Inc., 62 Broad, New York, N. Y.
 Mullen Mfg. Co., 60 Rausch, San Francisco, Cal.
 Nachtgall Mfg. Co., 237-245 Front Ave., S. W., Grand Rapids, Mich.
 National Safe & Lock Co., E. 69th & Quincy, Cleveland, Ohio.
 Norris Safe & Lock Co., 114 Third Ave., So Seattle, Wash.
 Steel Fixture Mfg. Co., E. 7th & Adams, Topeka, Kan.
 St. Louis Bank Bldg. & Eqt. Co., 906 Sidney, St. Louis, Mo.
 Van Dorn Iron Works Co., 2685 E. 79th Cleveland, Ohio.
 Womack & Sons, J. P., Inc., Lakewood Ave., Atlanta, Ga.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

ERADICATORS, INK

(See Ink Eradicators)

203 EYELET MACHINES & EYELETS

Bates Mfg. Co., Orange, N. J.
 Falconer Co., 414 Water, Baltimore, Md.
 Sibley Mfg. Co., Edw. L., Bennington, Vt.

F

FARM RECORD BOOKS

(See Books, Farm Record)

204 FASTENERS, PAPER

American Clip Co., Beebe Ave. & William, Long Island City, N. Y.
 Automatic Pencil Sharpener Co., 58 E. Washington, Chicago, Ill.
 Bates Mfg. Co., Orange, N. J.
 Bump Paper Fastener Co., 1830 West Ave. S., La Crosse, Wis.
 Clark, Jr., Horace F., Potomac Beach, Va.
 The Hoge Mfg. Co., 215 Fulton, New York, N. Y.
 O. K. Mfg. Co., 472 W. 1st, Oswego, N. Y.
 Sibley Mfg. Co., Edw. L., Bennington, Vt.

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205 FILES

All-Steel-Equip. Co., Aurora, Ill.
Allen-Marshall Co., Ivan, 40 Marietta, Atlanta, Ga.
Amberg File & Index Co., 1400 Fulton, Chicago, Ill.
Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
Art Metal Products Co., 514 S. Green, Chicago, Ill.
Automatic File & Index Co., Green Bay, Wis.
Berger Mfg. Co., 1038 Belden Ave., Canton, Ohio.
Brass, W. C., 116 S. Pa., Indianapolis, Ind.
Browne-Norse Co., Muskegon, Mich.
Bushong & Co., Park & Stark, Portland, Ore.
Buxton & Skinner Ptg. & Sta. Co., 306 N. 4th, St. Louis, Mo.
Canton Art Metal Co., 2820 Winfield Way, N. E., Canton, Ohio.
Carrithers & Co., 108 N. Wells, Chicago, Ill.
Currier Mfg. Co., N. W. Terminal Industries Bldg., Minneapolis, Minn.
Dameron-Pierson Co., 400 Camp, New Orleans, La.
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.
Gregory, Mayer & Thom Co., 41 Cadillac Square, Detroit, Mich.
Invincible Metal Furniture Co., 824 Twenty-sixth, 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, Iowa.
Lexington Desk Co., Inc., 157 E. 44th, New York, N. Y.
Macey Co., 1520 Division Ave., S., Grand Rapids, Mich.
Marshall-Jackson Co., 24 S. Clark, Chicago, Ill.
Meilicke Systems, Inc., 3466 N. Clark, Chicago, Ill.
Meilink Steel Safe Co., Toledo, Ohio.
Metal Office Furniture Co., Grand Rapids, Mich.
Northwestern Furniture Co., 271 W. Water, Milwaukee, Wis.
Postindex Co., Inc., Jones & Gifford Ave., Jamestown, N. Y.
RICHMOND & BACKUS CO., Woodward at Congress, Detroit, Mich.
Shaw-Walker Co., Muskegon, Mich.
Sorto Sales Co., 608 N. State, Sheboygan, Wis.
Stevens, Maloney & Co., 21 S. La Salle, Chicago, Ill.
Stuart-Hooper Co., 4007 Michigan Ave., Chicago, Ill.
Van Dorn Iron Works Co., 2685 E. 79th, Cleveland, Ohio.
Weis Mfg. Co., Union, Monroe, Mich.
Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

206 FILES, CARD INDEX

Ace Card System Co., 116 S. Michigan, Chicago, Ill.
Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
Automatic File & Index Co., Green Bay, Wis.
Buchan-White Loose Leaf Co., 1906 Pine, St. Louis, Mo.
Columbia Steel Equipment Co., 154 N. 11th, Philadelphia, Pa.
Findex Co., 49 E. Wells, Milwaukee, Wis.
General Fireproofing Co., Youngstown, Ohio.
Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
Metal Office Furniture Co., Grand Rapids, Mich.
Postindex Co., Inc., Jamestown, N. Y.
Remington Rand Business Service, Inc., 374 Broadway, New York, N. Y.
Shaw-Walker Co., Muskegon, Mich.
Van Dorn Iron Works Co., 2685 E. 79th, Cleveland, Ohio.
Weis Mfg. Co., Union, Monroe, Mich.
Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

207 FILES, CENTRAL

Ace Card System Co., 116 S. Michigan, Chicago, Ill.
Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
Automatic File & Index Co., Green Bay, Wis.
Metal Office Furniture Co., Grand Rapids, Mich.
Postindex Co., Inc., Jones & Gifford Ave., Jamestown, N. Y.
Remington Rand Business Service, Inc., 374 Broadway, New York, N. Y.
Shaw-Walker Co., Muskegon, Mich.
Van Dorn Iron Works Co., 2685 E. 79th, Cleveland, Ohio.
Wabash Cabinet Co., Wabash, Ind.
Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

208 FILES, CHECK

Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
Art Metal Products Co., 514 S. Green, Chicago, Ill.
Automatic File & Index Co., Green Bay, Wis.
Brass, W. C., 116 S. Pa., Indianapolis, Ind.
Browne-Norse Co., Muskegon, Mich.
Canton Art Metal Co., 2820 Winfield Way, N. E., Canton, Ohio.
Columbia Steel Equipment Co., 1735 Chestnut, Philadelphia, Pa.
Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.

Dodsworth Sta. Co., Sam'l., 410 Tenth, Kansas City, Mo.
Falconer Co., 414 Water, Baltimore, Md.
Formed Steel Cabinet & Eqt. Co., 508 S. Dearborn, Chicago, Ill.
General Fireproofing Co., Youngstown, Ohio.
Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
Horner's, Inc., 236 W. Lake, Chicago, Ill.
Invincible Metal Furniture Co., 824 Twenty-sixth, Manitowoc, Wis.
Marshall-Jackson Co., 24 S. Clark, Chicago, Ill.
Remington Rand Business Service, Inc., 374 Broadway, New York, N. Y.
Shaw-Walker Co., Muskegon, Mich.
Van Dorn Iron Works Co., 2685 E. 79th, Cleveland, Ohio.
Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

209 FILES, CORRESPONDENCE

Amberg File & Index Co., 1400 Fulton, Chicago, Ill.
Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
Automatic File & Index Co., Green Bay, Wis.
Canton Art Metal Co., 2820 Winfield Way, N. E., Canton, Ohio.
Columbia Steel Equipment Co., 1735 Chestnut, Philadelphia, Pa.
Dibb Mfg. Co., 515 Third Ave., N. E., Minneapolis, Minn.
General Fireproofing Co., Youngstown, Ohio.
Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
Invincible Metal Furniture Co., 824 Twenty-sixth, Manitowoc, Wis.
The Kay-Dee Co., 3644 S. 36th, Lincoln, Neb.
Shaw-Walker Co., Muskegon, Mich.
Van Dorn Iron Works Co., 2685 E. 79th, Cleveland, Ohio.
Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

210 FILES, CREDIT

Ace Card System Co., 116 S. Michigan, Chicago, Ill.
Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
Automatic File & Index Co., Green Bay, Wis.
General Fireproofing Co., Youngstown, Ohio.
Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
Remington Rand Business Service, Inc., 374 Broadway, New York, N. Y.
Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

211 FILES, CUT

Grant & Co., Harlo R., 2322 W. Madison, Chicago, Ill.

212 FILES, DESK DRAWER

American Clip Co., Beebe Ave. & William, Long Island City, N. Y.
Automatic File & Index Co., Green Bay, Wis.
Polar Mfg. Co., 123 N. 4th, Philadelphia, Pa.
Sengbusch Self-Closing Inkstand Co., 2218 Clybourn, Milwaukee, Wis.
Wilson Memindex Co., Rochester, N. Y.

213 FILES, DOCUMENT

(See also Files, Steel)

Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
Art Metal Products Co., 514 S. Green, Chicago, Ill.
Art Steel Co., Inc., 401 E. 23d, New York, N. Y.
Automatic File & Index Co., Green Bay, Wis.
Columbia Steel Equipment Co., 1735 Chestnut, Philadelphia, Pa.
Currier Mfg. Co., N. W. Terminal Industries Bldg., Minneapolis, Minn.
Dibb Mfg. Co., 515 Third Ave., N. E., Minneapolis, Minn.
General Fireproofing Co., Youngstown, Ohio.
Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
Invincible Metal Furniture Co., 824 Twenty-sixth, Manitowoc, Wis.
Stuart-Hooper Co., 4007 Michigan Ave., Chicago, Ill.
Van Dorn Iron Works Co., 2685 E. 79th, Cleveland, Ohio.
Weis Mfg. Co., Union, Monroe, Mich.
Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

214 FILES, SIGNATURE

Ace Card System Co., 116 S. Michigan, Chicago, Ill.
Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
Art Steel Co., Inc., 401 E. 23d, New York, N. Y.
Automatic File & Index Co., Green Bay, Wis.
Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
Marshall-Jackson Co., 24 S. Clark, Chicago, Ill.
Postindex Co., Inc., Jones & Gifford Ave., Jamestown, N. Y.
Remington Rand Business Service, Inc., 374 Broadway, New York, 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., 4007 Michigan Ave., Chicago, Ill.
Wabash Cabinet Co., Wabash, Ind.
Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.
Young & Selden Co., 224 N. Calvert, Baltimore, Md.

215 FILES, STEEL

All-Steel-Equip. Co., Aurora, Ill.
Art Metals Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
Art Metal Products Co., 514 S. Green, Chicago, Ill.
Berger Mfg. Co., 1038 Belden Ave., Canton, Ohio.
Browne-Norse Co., Muskegon, Mich.
Canton Art Metal Co., 2820 Winfield Way, N. E., Canton, Ohio.
Columbia Steel Equipment Co., 1735 Chestnut, Philadelphia, Pa.
Continental Bank Supply Co., Mexico, Mo.
Currier Mfg. Co., N. W. Terminal Industries, Minneapolis, Minn.
Dameron-Pierson Co., Ltd., 400 Camp, New Orleans, La.
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., 824 Twenty-sixth, Manitowoc, Wis.
The Kay-Dee Co., 3644 S. 36th, Lincoln, Neb.
Le Pebrure 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.
Shaw-Walker Co., Muskegon, Mich.
Van Dorn Iron Works Co., 2685 E. 79th, Cleveland, Ohio.
Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

216 FILES, STORAGE, COLLAPSIBLE

Bankers Box Co., 536 S. Clark, Chicago, Ill.
The Kay-Dee Co., 3644 S. 36th, Lincoln, Neb.
STRAYER COIN BAG CO., New Brighton, Pa.

217 FILES, WOOD

Automatic File & Index Co., Green Bay, Wis.
Browne-Norse Co., Muskegon, Mich.
Republic Box Co., The, 1693 Merwin, Cleveland, O.
Weis Mfg. Co., Union, Monroe, Mich.

FILMS, MOTION PICTURE

(See Advertising, Motion Picture)

218 FINANCIAL PUBLICATIONS

(See Magazines, Banking)

BANKERS MONTHLY, THE, 536 S. Clark St., Chicago, Ill. (See our adv. on page 45G.)

219 FINGER PRINT OUTFITS

Flak Finger Print System Co., 95 Liberty, New York, N. Y.
Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

220 FINISHERS, INTERIOR

(See Designers, Interior)

Mitchell Mfg. Co., Robt., 2d & John, Cincinnati, O.
Nachtgall Mfg. Co., 237-245 Front Ave., S. W., Grand Rapids, Mich.
Taylor-Palmer Co., 49 E. Wells, Milwaukee, Wis.

221 FIRE ALARMS

Auto-Call Co., Shelby, Ohio.
Graybar Electric Co., New York, N. Y.

222 FIREARMS

BANNERMAN SONS, FRANCIS, 501 Broadway, New York, N. Y. (See our adv. on this page.)
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.

223 FIRE ESCAPES

(See also Iron, Architectural & Ornamental)
Standard Iron & Wire Works, 510 E. 10th, Chattanooga, Tenn.

224 FIRE EXTINGUISHERS

Buffalo Fire Appliance Corp., 44 Central, Buffalo, N. Y.

FIREPROOF SAFES

(See Safes, Fire & Burglar Proof)

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225 **FIXTURES, BANK & OFFICE**

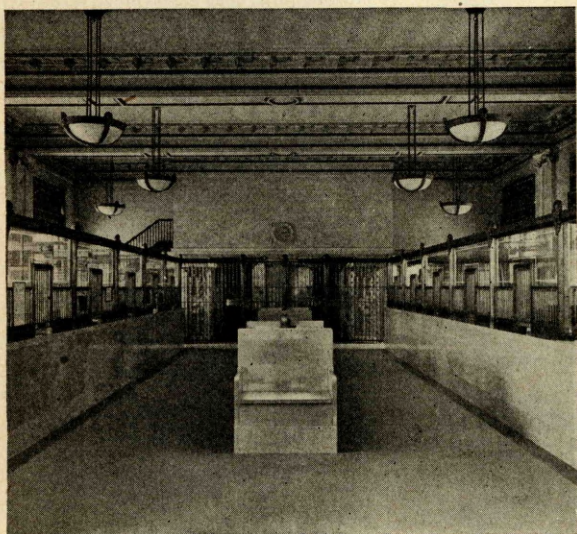
Acme Wire & Iron Works, 12340 Cloverdale, Detroit, Mich.
Allen-Marshall Co., Ivan, 40 Marietta, Atlanta, Ga.
American Fixture Co., 16th & Bellefontaine, Kansas City, Mo.
AMERICAN IRON & WIRE WORKS, 1622 Carroll, Chicago, Ill.
Angle Steel Stool Co., Inc., Plainwell, Mich.
Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
Baldwin Brass Works, 411 S. Clinton, Chicago, Ill.
Biddle-Gaumer Co., 3846 Lancaster Ave., Philadelphia, Pa.
Buffalo Wire Works Co., Inc., 308 Terrace, Buffalo, N. Y.
Burge Mfg. Co., Cook & Keller, Houston, Tex.
Bush Co., James S., 11 Park Place, New York, N. Y.
Carthage Marble Corporation, P. O. Drawer 612, Carthage, Mo.
Chicago Architectural Bronze Co., 4740 N. Clark, Chicago, Ill.
Claus Mfg. Co., A., 5250 Brook Pk. Rd., Cleveland, Ohio.
Coleman, Adelbert E., 336 W. 37th, Chicago, Ill.
Collins Safe & Fixture Co., 513 W. Main, W. D., Denison, Tex.
Dameron-Pierson Co., Ltd., 400 Camp, New Orleans, La.
Dow Co., Louis F., 2242 University Ave., St. Paul, Minn.
Ehrlich & Sons Mfg. Co., H., Colo. & Lake, St. Joseph, Mo.
Fisher Co., Charles City, Iowa.
Flour City Ornamental Iron Co., Minneapolis, Minn.
The Fritz-Cross Co., 236 Hamm Bldg., St. Paul, Minn.
Georgia Show Case Co., Montgomery, Ala.
Guth Co., Edwin F., 2615 Washington Ave., St. Louis, Mo.

Hasemann & Sons Mfg. Co., G. A., 2357 S. 7th, St. Louis, Mo.
Hine Desk & Fixture Co., 2166 Fifteenth, Denver, Colo.
Houston Show Case & Mfg. Co., 3612 Washington Ave., Houston, Tex.
Inter Ocean Cabinet Co., 326 S. Paulina, Chicago, Ill.
Jaeger Mfg. Co., 8th & Vine, Des Moines, Iowa.
Kawneer Co., Front St., Niles, Mich.
Krueger Mfg. Co., 1316 Lakewood Ave., Atlanta, Ga.
Los Angeles Planing Mill Co., 1800 Industrial, Los Angeles, Cal.
Mailander & Co., 601 Jackson, Waco, Tex.
Michaels Art Bronze Co., Inc., 230 Scott, Covington, Ky.
Mitchell Mfg. Co., Robt., 2d & John, Cincinnati, O.
Mount & Robertson, Inc., 62 Broad, New York, N. Y.
Mullen Mfg. Co., 60 Rausch, San Francisco, Cal.
Nachtgall Mfg. Co., 237 S. Front, Grand Rapids, Mich.
Northwestern Furniture Co., 271 W. Water, Milwaukee, Wis.
Oregon Brass Works, 2d & Everett, Portland, Ore.
St. Louis Bank Bldg. & Equipment Co., 906 Sidney, St. Louis, Mo.
SCHICK-JOHNSON CO., 1737 Paulina, Chicago, Ill. (See our adv. on this page.)
Southern Brass Mfg. & Plating Co., 6614 Harrisburg Blvd., Houston, Tex.
Standard Iron & Wire Works, 510 E. 10th, Chattanooga, Tenn.
Steel Fixture Mfg. Co., E. 7th & Adams, Topeka, Kan.
Taylor-Palmer Co., 49 E. Wells, Milwaukee, Wis.
Tyler Co., W. S., Cleveland, Ohio.
Usona Mfg. Co., 3512 Chouteau, St. Louis, Mo.
Watson Mfg. Co., 63 Taylor, Jamestown, N. Y.
Williams, Inc., Jno., 556 W. 27th, New York, N. Y.

Wisconsin Iron & Wire Works, 1660 Booth, Milwaukee, Wis.
Womack & Sons, J. P., Inc., Lakewood Ave., Atlanta, Ga.

226 **FIXTURES, LIGHTING**

ABCO MFG. CO., 1633 Walnut, Chicago, Ill. (See our adv. on this page.)
B. B. T. Corporation of America, Atlantic Bldg., Philadelphia, Pa.
Beardslee Chandelier Mfg. Co., 216 S. Jefferson, Chicago, Ill.
Biddle Gaumer Co., 3846 Lancaster Ave., Philadelphia, Pa.
Cassidy Co., Inc., 101 Park Ave., New York, N. Y.
Curtis Lighting, Inc., 1119 W. Jackson, Chicago, Ill.
Danne, H. A., 41 Park Row, New York, N. Y.
Farles Mfg. Co., Decatur, Ill.
Frink Co., Inc., I. P., 239 Tenth Ave., New York, N. Y.
The Fritz-Cross Co., 236 Hamm Bldg., St. Paul, Minn.
General Electric Co., Bridgeport, Conn.
Guth Co., Edwin F., 2615 Washington Ave., St. Louis, Mo.
Handel Co., Meriden, Conn.
Horn & Brannen Mfg. Co., 427 Broad, Philadelphia, Pa.
McFaddin & Co., H. G., 38 Warren, New York, N. Y.
Ohmer, Inc., A. A. & R. F., 26 E. 1st, Dayton, O.
Pearlman & Co., S. Victor, 535 S. Wabash, Chicago, Ill.
Rectolyte Co., 914 Pine, St. Louis, Mo.
Viking Products Corp., 422 W. 42d, New York, N. Y.
Westinghouse Electric & Mfg. Co., East Pittsburgh, Pa.
Westinghouse Lamp Co., 150 Broadway, New York, N. Y.



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227 FIXTURES, MARBLE
 (See Marble and Fixtures, Bank & Office)
 Carthage Marble Corporation, P. O. Drawer 612, Carthage, Mo.
 Inter Ocean Cabinet Co., 326 S. Paulina, Chicago, Ill.
 Taylor-Palmer Co., 49 E. Wells, Milwaukee, Wis.

FIXTURES, WOOD
 (See Woodwork; also Fixtures, Bank & Office)

228 FLAG POLES
 Bolander & Son, L. Ph., 954 Bryant, San Francisco, Cal.

229 FLAGS
 (See also Pennants)
 Am. Flag Mfg. Co., Easton, Pa.
 Carpenter & Co., Geo. B., 436 N. Wells, Chicago, Ill.

FLASHERS, ELECTRIC
 (See Signs, Electric)

230 FLOORS
 American Rubber Products Corp., 480 Henderson Jersey City, N. J.
 Armstrong Cork & Insulation Co., 24th, Pittsburgh, Pa.
 Bonded Floors Co., Inc., 1421 Chestnut, Philadelphia, Pa.
 Everlastbestos Flooring Co., 24 Winthrop, Rochester, N. Y.
 Nachteggall Mfg. Co., 237 S. Front, Grand Rapids, Mich.
 Stedman Products Co., S. Braintree, Mass.
 United Cork Companies, Grant Ave., Lyndhurst, N. J.

FOLDERS, COIN
 (See Coin Folders)

231 FOLDERS, FILING
 (See also Envelopes and Supplies, Filing)
 Ames Safety Envelope Co., 55 Sudbury, Boston, Mass.
 Bushnell Co., Alvah, 13th & Wood, Philadelphia, Pa.
 Gulf Envelope Co., 520 Preston Ave., Houston, Tex.
 Invincible Metal Furniture Co., 824 Twenty-sixth, Manitowoc, Wis.
 Quality Park Envelope Co., Midway (Quality Park), St. Paul, Minn.
 Security Envelope Co., 2900 Fifth Ave., S., Minneapolis, Minn.
 Smead Mfg. Co., 309 Second, Hastings, Minn.
 Stuart-Hooper Co., 4007 Michigan Ave., Chicago, Ill.
 Wabash Cabinet Co., Wabash, Ind.

232 FOLDERS, MAP
RAND McNALLY & CO., 536 S. Clark St., Chicago, Ill. (See our adv. on page 4G.)

FOLDERS, STATEMENT
 (See Lithographing and Printing)

FOLDING MACHINES
 (See Machines, Folding)

233 FORMS, ACCOUNTING
 (See also Forms, Machine Bookkeeping)
 Baker-Goodyear Co., 42 Church St., New Haven, Conn.
 Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
FT. WAYNE PTG. CO., 119 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.
 McBee Binder Co., (The), Athens, Ohio.
 Moore Corp., John C., 65 Stone, Rochester, N. Y.
 Proudfit Loose Leaf Co., 10 Logan, Grand Rapids, Mich.
 Remington Rand Business Service, Inc., 374 Broadway, N. Y.
 Schwabacher-Frey Sta. Co., 735 Market, San Francisco, Cal.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

234 FORMS, BANK
 (See also Stationers and special headings)
 Allen-Marshall Co., Ivan, 40 Marietta, Atlanta, Ga.
 American Bank Stationery Co., Curtin, Aiken & Hargost Sts., Baltimore, Md.
 American Bank Note Co., 118-132 E. 20th, Chicago, Ill.
 American Bank Supply Co., 628 N. Illinois, Indianapolis, Ind.
 American Bindery Corp., 1310 Maple, Detroit, Mich.
 Baker-Goodyear Co., 42 Church, New Haven, Conn.
 Bankers Printing Co., 836 Montgomery, San Francisco, Cal.
BARNARD STA. CO., GEO. D., 3863 La Clede Ave., St. Louis, Mo.
 Beck Specialty Co., Box 167, Waterloo, Iowa.
 Boorum & Pease Co., 84 Hudson Ave., Brooklyn, N. Y.
 Brown-Blodgett Co., 745 University Ave., St. Paul, Minn.
 Browne-Morse Co., Muskegon, Mich.

Buchan-White Loose Leaf Co., 1906 Pine, St. Louis, Mo.
 Bushong & Co., Park & Stark, Portland, Ore.
 Buxton & Skinner Ptg. & Sta. Co., 306 N. 4th, St. Louis, Mo.
 Cargil Co., Capitol, Brazos & Rusk, Houston, Tex.
 Carrithers & Co., 108 N. Wells, Chicago, Ill.
 Clarke & Courts, Galveston, Tex.
 Cockrum Ptg. Co., J. W., Oakland City, Ind.
 Columbian Bank Note Co., 500 S. Ashland, Chicago, Ill.
 Columbus Bank Note Co., 40 E. Spring, Columbus, Ohio.

Commercial Lithographing Co., 815 W. Market, Louisville, Ky.
 Continental Bank Supply Co., Mexico, Mo.
 Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 Dameron-Pierson Co., Ltd., 400 Camp, New Orleans, La.
 Democrat Ptg. & Lithographing Co., Scott & 2d, Little Rock, Ark.
 Dodsworth Sta. Co., Sam'l, 410 W. 10th, Kansas City, Mo.
 Doubleday Bros. & Co., 241 E. Main, Kalamazoo, Mich.
 Dow Co., Louis F., 2242 University Ave., St. Paul, Minn.
 Drew Co., H. & W. B., 22 W. Bay, Jacksonville, Fla.
 Falconer Co., 414 Water, Baltimore, Md.
 Farnham Ptg. & Sta. Co., 417 Hennepin Ave., Minneapolis, Minn.
 Foote & Davies Co., Edgewood & Pryor, Atlanta, Ga.
 Forman-Bassett Co., 1427 W. 3d, Cleveland, Ohio.

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

Gaylor Bros., Inc., 155 Gifford, Syracuse, N. Y.
 Goes Litho. Co., 42 W. 61st, Chicago, Ill.
 Gregory, Mayer & Thom Co., 41 Cadillac Square, Detroit, Mich.
 Hall Lithographing Co., Topeka, Kan.
 Horder's, Inc., 236 W. Lake, Chicago, Ill.
 Hutson & Co., C. S., 557 S. San Pedro, Los Angeles, Cal.

Iowa Lithographing Co., 515 Twenty-eighth, Des Moines, Iowa.
 Irving-Pitt Mfg. Co., 816 Locust, Kansas City, Mo.
 Irwin-Hodson Co., 115 N. 15th, Portland, Ore.
 Isler-Tompsett Lithographing Co., 2940 Benton, St. Louis, Mo.
 The Joplin Printing Co., Inc., 509 Joplin, Joplin, Mo.
 Knight Counihan Co., 32 Clay, San Francisco, Cal.
 Le Febure Corp., Cedar Rapids, Iowa.
 Levey Printing Co., State House Square, Indianapolis, Ind.

Lloyd Co., W. G., 6265 S. Clark, Chicago, Ill.
 Long Island Printing & Lithographing Co., Inc., 137 Jackson, Hempstead, N. Y.
 Mann Co., Wm., 529 Market, Philadelphia, Pa.
 Monash Co., 500 S. 5th, Minneapolis, Minn.
 Moore Corp., John C., 65 Stone, Rochester, N. Y.
 National Blank Book Co., Riverside, Holyoke, Mass.
 National Carbon Coated Paper Co., Sturgis, Mich.
 Northern Bank Note Co., 2340 N. Racine, Chicago, Ill.

Omaha Printing Co., 1301 Farnam, Omaha, Neb.
 Pembroke Co., 24 E. Broadway, Salt Lake City, Utah.
 Pettibone & Co., P. F., 27 N. Desplaines, Chicago, Ill.
 Pouchert Ptg. & Litho. Co., 320 S. 4th, Minneapolis, Minn.
 Proudfit Loose Leaf Co., 10 Logan, Grand Rapids, Mich.

Remington Rand Business Service Inc., 374 Broadway, N. Y.
 Reserve Litho. & Ptg. Co., Caxton Bldg., Cleveland Ohio.
 Return Address Co., 4401 Germantown Ave., Philadelphia, Pa.
 Reynolds & Reynolds Co., Washington & Dudley, Dayton, Ohio.
 Richmond & Backus Co., Detroit, Mich.
 Schwabacher-Frey Sta. Co., 735 Market, San Francisco, Cal.

SEBASTIAN & CO., 224 N. Desplaines, Chicago, Ill.
 Shaw-Walker Co., Muskegon, Mich.
 Smith & Co., Shea, 429 S. Ashland Blvd., Chicago, Ill.
 Smith-Brooks Ptg. Co., 1733 California, Denver, Colo.

Smith Co., Oscar T. & Son, 407 E. Saratoga, Baltimore, Md.
 Smith Ptg. Co., 225 E. 3d, Williamsport, Pa.
 Stafford-Lowden Co., 610 W. Daget, Ft. Worth, Tex.

Standard Bank Note Co., 351 E. Ohio, Chicago, Ill.
 Stationers Loose Leaf Co., 342 Broadway, Milwaukee, Wis.
 Stephens Litho. & Engraving Co., 420 N. 2d, St. Louis, Mo.

Stevens, Maloney & Co., 23 S. LaSalle, Chicago, Ill.
 Stuart-Hooper Co., 4007 Michigan Ave., Chicago, Ill.
 Sunset Press, 1045 Sansome, San Francisco, Cal.
 Swinney Ptg. Co., Fort Branch, Ind.
 Tatum Co., Sam'l, C., 2062 Reading Rd., Cincinnati, Ohio.

Taylor & Greenough Bank Supply Co., 74 Union, Hartford, Conn.
 Tengwall Co., 2954 Sheffield, Chicago, Ill.
 Union Bank Note Co., Kansas City, Mo.
 Union Lithograph Co., Los Angeles, Cal.
 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.

Western Lithograph Co., 600 E. 2d, Los Angeles, Cal.
 Woodbury & Co., Inc., Chadwick Sq., Worcester, Mass.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.
 Young & Selden Co., 224 N. Calvert, Baltimore, Md.

235 FORMS, BUILDING & LOAN
O. K. PRESS, 2301 S. Kedzie, Chicago, Ill.

236 FORMS, CARD
 (See also Systems, Filing, Card)
 Acme Card System Co., 116 S. Michigan, Chicago, Ill.
 Automatic File & Index Co., Green Bay, Wis.
 Browne-Morse Co., Muskegon, Mich.
 Buchan-White Loose Leaf Co., 1906 Pine, St. Louis, Mo.
 Postindex Co., Inc., Jamestown, N. Y.
 Remington Rand Business Service, Inc., 374 Broadway, New York, N. Y.
 Shaw-Walker Co., Muskegon, Mich.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

237 FORMS, LEDGER
 (See also Forms, Loose Leaf and Ledgers)
 Boorum & Pease Co., 84 Hudson, Brooklyn, N. Y.
 Buchan-White Loose Leaf Co., 1906 Pine, St. Louis, Mo.
 Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 Foote & Davies Co., Edgewood & Pryor, Atlanta, Ga.
 Horder's, Inc., 236 W. Lake, Chicago, Ill.
 Knight-Counihan Co., 32 Clay, San Francisco, Cal.
 Le Febure Corp., Cedar Rapids, Iowa.
 Mann Co., Wm., 529 Market, Philadelphia, Pa.
 Moore Corp., John C., 65 Stone, Rochester, N. Y.
 Omaha Printing Co., 1301 Farnam, Omaha, Neb.
SEBASTIAN & CO., 224 N. Desplaines, Chicago, Ill.
 Tallman Robbins & Co., 314 W. Superior, Chicago, Ill.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

238 FORMS, LEDGER, CERTIFICATE OF DEPOSIT
 Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 Falconer Co., 414 Water, Baltimore, Md.
 National Blank Book Co., Riverside, Holyoke, Mass.
 Swinney Ptg. Co., Fort Branch, Ind.

239 FORMS, LOOSE LEAF
 Boorum & Pease Co., 84 Hudson, New York, N. Y.
 Cockrum Ptg. Co., J. W., Oakland City, Ind.
 Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 Hall Lithographing Co., Topeka, Kan.
 Horder's, Inc., 236 W. Lake, Chicago, Ill.
 Irving-Pitt Mfg. Co., 816 Locust, Kansas City, Mo.
 Isaac Brothers, 425 Wall, Los Angeles, Cal.
 Lefax, Incorporated, 9th & Sanson, Philadelphia, Pa.
 Le Febure Corp., Cedar Rapids, Iowa.
 Mann Co., Wm., 529 Market, Philadelphia, Pa.
 Moore Corp., John C., 65 Stone, Rochester, N. Y.
 Sheppard Co., C. E., Van Alst & 14th, Long Island City, N. Y.
 Southern States Printing Co., Inc., The Griffin, Ga.
 Stationers Loose Leaf Co., 342 Broadway, Milwaukee, Wis.
 Sunset Press, 1045 Sansome, San Francisco, Cal.
 Tallman Robbins & Co., 314 W. Superior, Chicago, Ill.
 Wilson-Jones Co., 3300 Franklin, Chicago, Ill.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

240 FORMS, MACHINE BOOKKEEPING
 Boorum & Pease Co., 84 Hudson, Brooklyn, N. Y.
 Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 Doubleday Bros. & Co., 241 E. Main, Kalamazoo, Mich.
 Foote & Davies Co., Edgewood & Pryor, Atlanta, Ga.
 Ft. Wayne Ptg. Co., 119 Holman, Ft. Wayne, Ind.
 Horder's, Inc., 236 W. Lake, Chicago, Ill.
 Irving Pitt Mfg. Co., 816 Locust, Kansas City, Mo.
 Le Febure Corp., Cedar Rapids, Iowa.
 Mani-Fold Co., 13300 Coit Rd., Cleveland, Ohio.
 Mann Co., Wm., 529 Market, Philadelphia, Pa.
 McBee Binder Co., (The), Athens, Ohio.
 Remington Rand Business Service, Inc., 374 Broadway, New York, N. Y.
RICHMOND & BACKUS CO., Woodward at Congress, Detroit, Mich. (See our adv. on page 29G.)
 Schwabacher-Frey Sta. Co., 735 Market, San Francisco, Cal.
 Shaw-Walker Co., Muskegon, Mich.
 Wilson-Jones Co., 3300 Franklin, Chicago, Ill.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

241 FORMS, MANIFOLD

Autographic Register Co., 100 Clinton, Hoboken, N. J.
 Hamilton Autographic Register Co., Hamilton, O.
 Manifold Co., 13300 Coit Rd., Cleveland, Ohio.
 McDonald Ledger & Loose Leaf Co., 1809 Summerdale, Chicago, Ill.

FORMS, SAVINGS DEPARTMENT

(See Forms, Bank)

242 FORMS, TRUST DEPARTMENT

(See also Forms, Bank)

Le Febure Corp., Cedar Rapids, Iowa.
 Mann Co., Wm., 529 Market, Philadelphia, Pa.
PURSE PRINTING CO., Chattanooga, Tenn.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

FOUNTAIN PENS

(See Pens, Fountain)

243 FOUNTAINS, DRINKING

Clow & Sons, James B., Talman & Lake, Chicago, Ill.

244 FRAMES, POSTER

Blodgett Co., Harvey, University & Wheeler, St. Paul, Minn.
 Chicago Architectural Bronze Co., 4740 N. Clark, Chicago, Ill.
 Coleman Co., David A., 110 Locust, St. Louis, Mo.
 Davenport-Taylor Mfg. Co., 412 Orleans, Chicago, Ill.
 Elliott Service Co., 242 W. 55th, New York, N. Y.
 National Service Bureau, 80 John St., New York, N. Y.

245 FURNACES, WARM AIR

Lennox Furnace Co., Marshalltown, Iowa.
 Mueller Furnace Co., L. J., 197 Reed, Milwaukee, Wis.
 Utica Heater Co., Utica, N. Y.

246 FURNITURE, BANK & OFFICE

Aetna Cabinet Co., 321 W. Maryland, Indianapolis, Ind.
 Angle Steel Stool Co., Inc., Plainwell, Mich.
 Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Art Metal Products Co., 514 S. Green, Chicago, Ill.
 Automatic File & Index Co., Green Bay, Wis.
 Becker Co., John C., 41 E. Wells, Milwaukee, Wis.
 Blackwell-Wielandy Book & Stationery Co., 1601 Locust, St. Louis, Mo.
 Browne-Morse Co., Muskegon, Mich.
 Byron Desk Mfg. Co., 32d & Woodland Ave., Louisville, Ky.
 Canton Art Metal Co., 2820 Winfield Way, N. E., Canton, Ohio.
 Clemetsen Co., 3460 Division, Chicago, Ill.
 Collins Safe & Fixture Co., W. D., 513 W. Main, Denison, Tex.
 Dameron-Pierson Co., 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., O. M., Solar & Plum, Syracuse, N. Y.
 Ehrlich & Sons, H., Colo. & Lake, St. Joseph, Mo.
 The Fritz-Cross Co., 236 Hamm Bldg., St. Paul, Minn.
 Furnas Furniture Co., 139 S. E. St., Indianapolis, Ind.
 General Fireproofing Co., Youngstown, Ohio.
 Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Gregory, Mayer & Thom Co., 41 Cadillac Square, Detroit, Mich.
 Imperial Desk Co., Florida & Devon, Evansville, Ind.
 Invincible Metal Furniture Co., 824 Twenty-sixth, Manitowoc, Wis.
 Karpen & Bros., S., 801 Wabash Ave., Chicago, Ill.
 Koch Brothers, Grand Ave. at 4th, Des Moines, Ia.
 Los Angeles Planing Mill Co., 1800 Industrial, Los Angeles, Cal.
 Lyon Metallic Mfg. Co., Aurora, Ill.
 Macey Co., 1520 Division Ave., S., Grand Rapids, Mich.
 Matthews Bros. Mfg. Co., Port Washington Rd., Milwaukee, Wis.
 McNamara Office Supply Co., 507 Locust, Des Moines, Iowa.
 Metal Office Furniture Co., Grand Rapids, Mich.
 Milwaukee Chair Co., The, 624 S. Michigan Ave., Chicago, Ill.
 Northwestern Furniture Co., 271 W. Water, Milwaukee, Wis.
 Office Equipment Co., 911 Locust, Des Moines, Ia.
 Ohmer, Inc., A. A. & R. F., 26 E. 1st, Dayton, O.
 Orchard & Wilhelm Co., 414 S. 16th, Omaha, Neb.
 Rastetter & Sons, Louis, Fort Wayne, Ind.
 Richmond & Backus Co., Woodward at Congress, Detroit, Mich.
 Shaw-Walker Co., Muskegon, Mich.
 Southern States Ftg. Co., Inc., Griffin, Ga.
 Steel Equipment Corp., Avenel, N. J.
 Stow & Davis Furniture Co., 70 S. Front Ave., Grand Rapids, Mich.
 Taylor Chair Co., Bedford, Ohio.
 Taylor-Palmer Co., 432 Broadway, Milwaukee, Wis.

Van Dorn Iron Works Co., 2685 E. 79th, Cleveland, Ohio.

Watson Mfg. Co., 63 Taylor, Jamestown, N. Y.
 West Co., M. G., 117 Front, San Francisco, Cal.
 Womack & Sons, J. P., Inc., Lakewood Ave., Atlanta, Ga.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

FURNITURE, MARBLE

(See Fixtures, Bank & Office; also Marble)

247 FURNITURE, METAL

Angle Steel Stool Co., Inc., Plainwell, Mich.
 Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Art Metal Products Co., 514 S. Green, Chicago, Ill.
 Beacon Steel Furniture Co., 1841 Carroll Ave., Chicago, Ill.
 Becker Co., John C., 41 E. Wells, Milwaukee, Wis.
 Browne-Morse Co., Muskegon, Mich.
 Canton Art Metal Co., 2820 Winfield Way, N. E., Canton, Ohio.
 Davidson Co., J. L., 632 Mateo, Los Angeles, Cal.
 Edwards Co., O. M., Solar & Plum, Syracuse, N. Y.
 The Fritz-Cross Co., 236 Hamm Bldg., St. Paul, Minn.
 General Fireproofing Co., Youngstown, Ohio.
 Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Invincible Metal Furniture Co., 824 Twenty-sixth, Manitowoc, Wis.
 Lyon Metallic Mfg. Co., Aurora, Ill.
 Macey Co., 1520 Division Ave., S., Grand Rapids, Mich.
 Metal Office Furniture Co., Grand Rapids, Mich.
 Office Equipment Co., 911 Locust, Des Moines, Ia.
 Shaw-Walker Co., Muskegon, Mich.
 Steel Equipment Corp., Avenel, N. J.
 Steel Fixture Mfg. Co., E. 7th & Adams, Topeka, Kan.
 Toledo Metal Furniture Co., 1100 Hastings, Toledo, Ohio.
 Van Dorn Iron Works Co., 2685 E. 79th, Cleveland, Ohio.
 Watson Mfg. Co., 63 Taylor, Jamestown, N. Y.
 West Co., M. G., 117 Front, San Francisco, Cal.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

FURNITURE, VAULT

(See Equipment, Vault)

G

248 GLASS, BULLET-PROOF

Buerkers & Co., John H., 2117 Elmwood Ave., Detroit, Mich.
 Indestructo Glass Corporation, 421 Seventh, New York, 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)

249 GLOBES

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

250 GLUE

(See also Supplies)

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

GOLD LETTERING

(See Lettering, Gold)

251 GOLF BALLS

ADVERTISING GOLF BALL CORP., 1775 Broadway, New York, N. Y.

252 GRILLWORK

Aeme Wire & Iron Works, 12340 Cloverdale, Detroit, Mich.
 American Fixture Co., 16th & Bellefontaine, Kansas City, Mo.
 American Iron & Wire Works, 1622 Carroll, Chicago, Ill.
 Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Baldwin Brass Works, 411 S. Clinton, Chicago, Ill.
 Biddle-Gaumer Co., 3846 Lancaster Ave., Philadelphia, Pa.
 Buffalo Wire Works Co., The, 308 Terrace, Buffalo, N. Y.
 Bush Co., Inc., James S., 11 Park Place, New York, N. Y.
 Chicago Architectural Bronze Co., 4740 N. Clark, Chicago, Ill.
 Coleman, Adelbert E., 336 W. 37th, Chicago, Ill.
 Collins Safe & Fixture Co., W. D., 513 W. Main, Denison, Tex.
 Davidson Co., J. L., 632 Mateo, Los Angeles, Cal.
 Diebold Safe & Lock Co., 818 Mulberry Rd., S. E., Canton, Ohio.
 Flour City Ornamental Iron Co., Minneapolis, Minn.
 General Fireproofing Co., Youngstown, Ohio.
 Guth Co., Edwin F., 2615 Washington Ave., St. Louis, Mo.

Hine Desk & Fixture Co., 2166 Fifteenth, Denver, Colo.

Inter Ocean Cabinet Co., 326 S. Paulina, Chicago, Ill.
 Jaeger Mfg. Co., 8th & Vine, Des Moines, Iowa.
 Krueger Mfg. Co., 1316 Lakewood Ave., Atlanta, Ga.
 Mailander & Co., 601 Jackson, Waco, Tex.
 Michaels Art Bronze Co., 230 Scott, Covington, Ky.
 Mount & Robertson, Inc., 62 Broad, New York, N. Y.
 Mullen Mfg. Co., 60 Rausch, San Francisco, Cal.
 Nachtgall Mfg. Co., 237 S. Front, Grand Rapids, Mich.
 Newman Mfg. Co., 416 Elm, Cincinnati, Ohio.
 Ohmer, Inc., A. A. & R. F., 26 E. 1st, Dayton, O.
 Portland Wire & Iron Works, 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 E. 10th, Chattanooga, Tenn.
 Steel Fixture Mfg. Co., E. 7th & Adams, Topeka, Kan.
 Taylor-Palmer Co., 49 E. Wells, Milwaukee, Wis.
 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., 63 Taylor, Jamestown, N. Y.
 Williams, Inc., Jno., 556 W. 27th, New York, N. Y.
 Wisconsin Iron & Wire Works, 1660 Booth, Milwaukee, Wis.
 Womack & Sons, J. P., Inc., Lakewood Ave., Atlanta, Ga.

GUARDS, WINDOW

(See Grillwork)

253 GUIDES, INDEX

Aluminum Index Co., River Rd. & Russell Ave., Edgewater, N. Y.
 American Clip Co., Beebe Ave. & William, Long Island City, N. J.
 Aluminum Co. of America, Oliver Bldg., Pittsburgh Pa.
 Graff-Underwood Co., 54 Washburn Ave., Cambridge, Mass.
 Invincible Metal Furniture Co., 824 Twenty-sixth, Manitowoc, Wis.
 Lloyd Co., W. G., 6265 Clark, Chicago, Ill.
 Mohler, A., 416 S. Dearborn, Chicago, Ill.
 Smith, Chas. C., Exeter, Neb.
 Strayer Coin Bag Co., New Brighton, Pa.
 Wabash Cabinet Co., Wabash, Ind.

GUMMED TAPE SEALING MACHINES

(See Machines, Sealing, Gummed Tape)

H

254 HEAT REGULATORS

Minneapolis-Honeywell Heat Regulator Co., 2753 Fourth Ave., S., Minneapolis, Minn.

255 HEATERS, STEAM & HOT WATER

American Radiator Co., 40 W. 40th, New York, N. Y.
 International Heating Co., 3939 Magnolia Ave., St. Louis, Mo.
 Mueller Co., L. J., 197 Reed, Milwaukee, Wis.
 Utica Heater Co., Utica, N. Y.
 Williams Oil-o-matic Heating Corp., Hanna & Bell, Bloomington, Ill.

256 HEKTOGRAPHS

(See also Duplicators)

Heyer Duplicator Co., Inc., 911 W. Jackson Blvd. Chicago, Ill.

HOLDERS, COIN, PASTEBOARD

(See Coin Folders)

257 HOLDERS, LOOSE LEAF

(See Supplies, Loose Leaf)

Bilt-Rite Mfg. Co., 447 N. Wood, Chicago, Ill.
 Buchan-White Loose Leaf Co., 1906 Pine, St. Louis, Mo.
 Moore Corp., John C., 65 Stone, Rochester, N. Y.
 Office Efficiency Distributors Co., 200 Davis, San Francisco, Cal.

258 HOLDERS, MEMO

Bilt-Rite Mfg. Co., 447 N. Wood, Chicago, Ill.
 Hult & Co., 625 W. Jackson Blvd., Chicago, Ill.

259 HOLDERS, STENO, NOTEBOOK

American Clip Co., Beebe Ave. & William, Long Island City, N. Y.
 American Electric Co., Inc., 6401 S. State, Chicago, Ill.
 Office Efficiency Distributors Co., San Francisco Cal.

260

HOLD-UP ALARMS

(See also Burglar Alarms)

American Lock Works, First Nat'l Bk. Bldg., Ft. Dodge, Iowa.
ANAKIN LOCK & ALARM CO., 162 N. Franklin, Chicago, Ill. (See our adv. on this page.)
BUTTE ELECTRIC & MFG. CO., 956 Folsom St., San Francisco, Calif.
 Bankers Elec. Protective Assn., 104 Sudbury, Boston, Mass.
 Danne, H. A., 41 Park Row, New York, N. Y.
 Duplex Electric Co., 71 Grand, New York, N. Y.
 Electro Alarms Co., 30 Ionia Ave., S. W., Grand Rapids, Mich.
 Federal Electric Co., 8700 S. State, Chicago, Ill.
 Federal Laboratories, Inc., 1631 Liberty Ave., Pittsburgh, Pa.

HOME BUDGET SYSTEMS

(See Systems, Budget, Home)

HOME SAVINGS BANKS

(See Savings Banks, Home & Pocket)

261

HOUSE ORGANS

Bauder-Baker, 225 N. Michigan Ave., Chicago, Ill.
 Gerlach-Barklow Co., Joliet, Ill.
 Levey Printing Co., State House Square, Indianapolis, Ind.
 McNaughton, Flint, 1512 Tower Bldg., Chicago, Ill.
PACE CO., 14 E. Jackson Blvd., Chicago, Ill. (See our adv. on this page.)
 Selling Aid, 6 N. Michigan Ave., Chicago, Ill.

262

HUSH-A-PHONES

Hush-A-Phone Corp., 19 Madison, New York, N. Y.

I

263

IMPRINTING, CHECK

American Bindery Corp., 1310 Maple, Detroit, Mich.
 Benson & Sons, Inc., B. D., 11 Cliff, New York, N. Y.
 Dameron-Pierson Co., Ltd., 400 Camp, New Orleans, La.
 De Luxe Check Printers, Inc., 2531 University Ave. St. Paul, Minn.
 Dodsworth Sta. Co., Sam'l, 410 W. 10th, Kansas City, Mo.
 Northern Bank Note Co., 2340 N. Racine Chicago, Ill.
 Omaha Printing Co., 1301 Farnam, Omaha, Neb.
 Pettibone & Co., P. F., 27 N. Desplaines, Chicago, Ill.
 Reynolds & Reynolds, Washington & Dudley, Dayton, Ohio.
 Schaefer Mfg. Co., O. E., 4189 Chippewa, St. Louis, Mo.
 Smith-Brooks Printing Co., 1733 California, Denver, Colo.
 Young & Selden Co., 224 N. Calvert, Baltimore, Md.

264

INCINERATORS

Kerner Incinerator Co., Milwaukee, Wis.

INCOME TAX RECORD BOOKS

(See Books, Income Tax Record)

INCOME TAX SERVICE

(See Service, Tax)

265

INCORPORATION PROCEDURE

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

INDEXES, CARD

(See Files, Card Index)

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INDEXES, TELEPHONE

Aeme Card System Co., 116 S. Michigan, Chicago, Ill.
 Adams Mfg. Co., Henry T., 8561 S. Chicago, Chicago, Ill.
 Bates Mfg. Co., Orange, N. J.
 Duplex Mfg. Co., 306 S. Franklin, Chicago, Ill.
 Hoge Mfg. Co., The, 215 Fulton, New York, N. Y.
 Meilicke Calculator Co., 3466 N. Clark, Chicago, Ill.
 Smead Mfg. Co., 309 Second, Hastings, Minn.
 Stanwood-Hillson Corp., 14 High, Brookline, Mass.
 Terre Haute Adv. Co., 1317 Poplar, Terre Haute, Ind.

267

INDEXING SERVICE

Conway Co., H. H., 725 S. Wells, Chicago, Ill.
 Le Febure Corp., Cedar Rapids, Iowa.

INDUSTRIAL ENGINEERS

(See Engineers, Industrial)

268

INDUSTRIAL SAVINGS

American Banking Machine Corp., 207 Eddy Bldg., Saginaw, Mich.
 Bankers Automatic Thrift Machine, 1301 H St., N. W., Washington, D. C.

269

INK ERADICATORS

Novelty Cutlery Co., Canton, Ohio.
 Sanford Mfg. Co., 846 W. Congress, Chicago, Ill.

INK PENCILS

(See Pencils, Ink)

270

INKS

Carter's Ink Co., 239 First, Cambridge, Mass.
 Diamond Ink Co., 3033 Galena, Milwaukee, Wis.
 Higgins & Co., Chas. M., 271 Ninth, Brooklyn, N. Y.
 Keller Ink Co., Robert, 1441 Brooklyn Ave., Detroit, Mich.
 Kirk Ink Co., 2316 W. Harrison, Chicago, Ill.
 Matthews & Co., Jas. H., 3942 Forbes, Pittsburgh, Pa.
 Payson's Indelible Ink Co., 28 Henshaw Ave., Northampton, Mass.
 Sanford Mfg. Co., 846 W. Congress, Chicago, Ill.
 Scripex Ink & Paste Co., 519 S. Second, Philadelphia, Pa.
 Sterling Ink Co., Inc., 1201 S. 3d, Minneapolis, Minn.

271

INKS, DUPLICATING

Aeme Stamp Co., 1100 Prospect Ave., Cleveland, O.
 Arlac Dry Stencil Corp., 424 Fourth Ave., Pittsburgh, Pa.
 Botts Mfg. Co., 72 Third, Brooklyn, N. Y.
 Dick Co., A. B., 736 Jackson, Chicago, Ill.
 Ditto, Inc., 125 W. Austin, Chicago, Ill.

Duplico Mfg. Co., New Brunswick, N. J.
 Kirk Ink Co., 2316 W. Harrison, Chicago, Ill.
 Sachs-Lawlor Co., 1543 Larimer, Denver, Colo.
 Swisher Mfg. Co., 411 S. Clinton, Chicago, Ill.

272

INKS, RUBBER STAMP

Atlanta Rubber Stamp & Stencil Works, 76 N. Forsyth, Atlanta, Ga.
 Botts Mfg. Co., 72 Third, Brooklyn, N. Y.
 Brakmeier Bros., 112 S. Fourth, Louisville, Ky.
 Darling Co., J. C., 734 Kansas Ave., Topeka, Kan.
 Diamond Ink Co., 3033 Galena, Milwaukee, Wis.
 Force & Co., Inc., Wm. A., 105 Worth, New York, N. Y.
 Keller Ink Co., Robert, 1441 Brooklyn Ave., Detroit, Mich.
 Kirk Ink Co., 2316 W. Harrison, Chicago, Ill.
 Love & Co., J. V., 2205 Mechanic, Galveston, Tex.
 Matthews & Co., Jas. H., 3042 Forbes, Pittsburgh, Pa.
 Northwestern Stamp Works, 110 E. Third, St. Paul, Minn.
 Sachs-Lawlor Co., 1543 Larimer, Denver, Colo.
 St. Paul Stamps Works, 74 E. 5th, St. Paul, Minn.
 Swisher Mfg. Co., R. D., 411 S. Clinton, Chicago, Ill.
 Webster Co., F. S., 332 Congress, Boston, Mass.

273

INKSTANDS

Bachrach Specialty Co., 2275 3d Ave., New York, N. Y.
 Defiance Sales Corp., 72 Spring, New York, N. Y.
 F.-N. Sales Co., 1627 Columbia Ave., Chicago, Ill.
 Keller Ink Co., Robert, 1441 Brooklyn Ave., Detroit, Mich.
REHBERGER MFG. CO., 1217 Webster Ave., Chicago, Ill.
 Sengbusch Self-Closing Inkstand Co., 2218 Clybourn, Milwaukee, Wis.
 Twentieth Century Co., 538 S. Dearborn, Chicago, Ill.

INSPECTION, VAULT

(See Vault Inspection)

274

INSURANCE, BURGLARY

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

275

INSURANCE, CHECK

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

276

INSURANCE, INDEMNITY

American Surety Co., 100 Broadway, New York, N. Y.
 Gesel Plan Service Co., 714 Western Pacific Bldg., Los Angeles, Cal.
 Insurance Co. of North America, 1600 Arch, Philadelphia, Pa.

277

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TELAUTOGRAPHS**

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(See Telephones, Inter-Communicating)

INTEREST CALCULATORS

(See Calculators, Time & Interest)

INTEREST TABLES

(See Tables, Interest; also Tellers, Interest & Discount)

278 IRON, ARCHITECTURAL AND ORNAMENTAL

Acme Wire & Iron Works, 1234 Cloverdale, Detroit, Mich.
AMERICAN IRON & WIRE WORKS, 1622 Carroll Ave., Chicago, Ill.
 Biddle-Gaumer Co., 3846 Lancaster Ave., Philadelphia, Pa.
 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., Minneapolis, Minn.
 Harsch Bronze & Fdry. Co., John, 11612 Madison Ave., Cleveland, Ohio.
 Krueger Mfg. Co., 1316 Lakewood Ave., Atlanta, Ga.
 Michaels Art Bronze Co., Inc., 230 Scott, Covington, Ky.
 Mount & Robertson, Inc., 62 Broad, New York, N. Y.
 Newman Mfg. Co., 416 Elm, Cincinnati, Ohio.
 Ohmer, Inc., A. A. & R. F., 26 E. 1st, Dayton, O.
 Portland Wire & Iron Works, 294 Second, Portland, Ore.
 Standard Iron & Wire Works, 510 E. 10th, Chattanooga, Tenn.
 Steel Fixture Mfg. Co., E. 7th & Adams, Topeka, Kan.
 Tyler Co., W. S., Cleveland, Ohio.
 Van Dorn Iron Works Co., 2685 E. 79th, Cleveland, Ohio.
 Williams, Inc., Jno., 556 W. 27th, New York, N. Y.
 Wisconsin Wire & Iron Works, 1660 Booth, Milwaukee, Wis.
 Womack & Sons, J. P., Inc., Lakewood Ave., Atlanta, Ga.

J

279 JACKETS, PASS BOOK

American Bank Supply Co., 628 N. Illinois, Indianapolis, Ind.
 American Beauty Cover Co., 1902 Orange St., Dallas, Tex.
 American Paper Goods Co., 1237 Washington Bldg., Kensington, Conn.
 Baker Mfg. Co., Oliver, 315 First Ave. N., Minneapolis, Minn.
 Bankers Envelope Co., 25 Cliff, New York, N. Y.
 Benson & Sons, B. D., 11 Cliff, New York, N. Y.
 Berkowitz Envelope Co., 19th & Campbell, Kansas City, Mo.
 Bushnell Co., Alvah, 13th & Wood, Philadelphia, Pa.
 Buxton & Skinner Ptg. & Sta. Co., 306 N. Fourth, St. Louis, Mo.
 Dodsworth Sta. Co., Sam'l, 410 W. 10th, Kansas City, Mo.
 Gulf Envelope Co., 520 Preston Ave., Houston, Tex.
 Keystone Envelope Co., 427 Moyer, Philadelphia, Pa.
 Knight & Counihan Co., 32 Clay, San Francisco, Cal.
 Le Febure Corp., Cedar Rapids, Iowa.
 Levey Printing Co., State House Square, Indianapolis, Ind.
 Quality Park Envelope Co., (Midway), Quality Park, St. Paul, Minn.
 Reynolds & Reynolds, Washington & Dudley, Dayton, Ohio.
 Schaefer Mfg. Co., O. E., 4189 Chippewa, St. Louis, Mo.
 Schwabacher-Frey Sta. Co., 735 Market, San Francisco, Cal.
 Smith Ptg. Co., 225 E. 3d, Williamsport, Pa.
 Stafford-Lowdon Co., 610 W. Daget, Ft. Worth, Tex.
 Union Lithograph Co., 203 E. 7th, Los Angeles, Cal.

JANITORS' SUPPLIES

(See Supplies, Janitors')

JOURNALS, BANKING

(See Magazines, Banking)

K

280 KEY RINGS

Adams Mfg. Co., Henry T., 8561 S. Chicago, Chicago, Ill.
 Beebe Co., 64 Bruce Ave., Yonkers, N. Y.
 Ferree Co., F. H., 61 Richmond Ave., Lockport, N. Y.
 Humphreys Leather Goods Co., Inc., 221 W. Randolph, Chicago, Ill.
 Noble & Co., F. H., 535 W. 59th, Chicago, Ill.
 Stronghart Co., 2942 W. Lake, Chicago, Ill.
 Thrift Builders, Inc., 214 W. Water, Milwaukee, Wis.
 Weinman Bros., 421 S. Wells, Chicago, Ill.

KODAKS

(See Cameras)

L

281 LABELS, ADVERTISING

Brown & Bigelow, Quality Park, St. Paul, Minn.
 Central Tag Co., 2715 W. Harrison, Chicago, Ill.
 Forbes Lithograph Mfg. Co., P. O. Box 5130, Boston, Mass.
 Merchants Publishing Co., 402 W. Main, Kalamazoo, Mich.
 Shuman Co., Frank G., 216 N. Clinton, Chicago, Ill.
 Tablet & Ticket Co., 1015 W. Adams, Chicago, Ill.
 Western Lithograph Co., 600 E. 2d, Los Angeles, Cal.

282 LAMPS, DESK

ABCO MFG. CO., 1633 Walnut, Chicago, Ill.
 Aladdin Mfg. Co., 18th & Hackley, Muncie, Ind.
 Biddle-Gaumer Co., 3846 Lancaster, Philadelphia, Pa.
 Curtis Lighting, Inc., 1119 W. Jackson, Chicago, Ill.
 Faries Mfg. Co., Decatur, Ill.
 Frink Co., Inc., F. P., 239 Tenth Ave., New York, N. Y.
 Guth Co., Edwin F., 2615 Washington, St. Louis, Mo.
 Handel Co., Meriden, Conn.
 Horne & Brannen Mfg. Co., 427 N. Broad, Philadelphia, Pa.
 McFaddin & Co., H. G., 38 Warren, New York, N. Y.
 Pearlman & Co., Victor S., 553 S. Wabash, Chicago, Ill.
 Reflectolyte Co., 914 Pine, St. Louis, Mo.
 Thrift Builders, Inc., 214 W. Water, Milwaukee, Wis.
 Westinghouse Lamp Co., 150 Broadway, New York, N. Y.

283 LAWS, BANKING

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

284 LEATHER GOODS

American Art Works, Inc., Coshocton, Ohio.
 American Beauty Cover Co., 1902 Orange, Dallas, Tex.
 Baker Mfg. Co., Oliver, 315 First Ave., N., Minneapolis, Minn.
 Beach Leather Co., 1301 E. Walnut, Coshocton, O.
 Brown & Bigelow, Quality Park, St. Paul, Minn.
 Buckeye Leather Co., Chestnut, Coshocton, O.
 Business Reviving Co., Oblong, Ill.
 Continental Bank Supply Co., Mexico, Mo.
 Dow Co., Louis F., 2242 University Ave., St. Paul, Minn.
 Exline Co., 113 St. Clair Ave., N. E., Cleveland, O.
 Ferree Co., E. H., 61 Richmond Ave., Lockport, N. Y.
 Humphreys Leather Goods Co., Inc., 221 W. Randolph, Chicago, Ill.
 Kemper Thomas Co., Norwood Pk., Cincinnati, O.
KOHL & CO., P. J., 224 W. Huron, Chicago, Ill.
 Leather Products Co., 201 South, Iola, Kan.
 Meeker Co., Inc., 3d & Michigan, Joplin, Mo.
 Michaels, A. H., 31 Beaver, New York, N. Y.
 Murphy Co., The, Thos. D., Red Oak, Iowa.
 National Bank Supply Co., 60 Spring, New York, N. Y.
 Novelty Adv. Co., Coshocton, Ohio.
 Robinson Mfg. Co., 171 Elm, Westfield, Mass.
 Schaefer Mfg. Co., O. E., 4189 Chippewa St., St. Louis, Mo.
 Seelman & Sons Co., Geo., 337 Seventh, Milwaukee, Wis.
 Shedd-Brown Mfg. Co., 317 Fifth Ave., S., Minneapolis, Minn.
 Standard Brief Case Co., Inc., 552 Broadway, New York, N. Y.
 Stevens, Maloney & Co., 21 S. La Salle, Chicago, Ill.
 Stiteler-Lewis Mfg. Co., 515 Jackson, Dallas, Tex.
 Thrift Builders, Inc., 214 W. Water, Milwaukee, Wis.
 United States Check Book Co., 1309 Howard, Omaha, Neb.
 Van Cleff Lithographing Co., 2708 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)

285 LEDGERS, BOSTON

Falconer Co., 414 Water, Baltimore, Md.
 Hall Co., J. C., 68 W. 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.

286 LEDGERS, CARD

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 Amberg File & Index Co., 1400 Fulton, Chicago, Ill.
 Automatic File & Index Co., Green Bay, Wis.
 Cockrum Ptg. Co., J. W., Oakland City, Ind.
 Keystone Index Card Co., Philadelphia, Pa.
 Le Febure Corp., Cedar Rapids, Iowa.
 Omaha Printing Co., 1301 Farnam, Omaha, Neb.
 Postindex Co., Jamestown, N. Y.
 Remington Rand Business Service, Inc., 374 Broadway, New York, N. Y.
 Shaw-Walker Co., Muskegon, Mich.
 Wagemaker Co., 566 Market, S. W., Grand Rapids, Mich.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

287 LEDGERS, LIABILITY

Boorum & Pease Co., 84 Hudson, Brooklyn, N. Y.
 Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 Dow Co., Louis F., 2242 University Ave., St. Paul, Minn.
 Falconer Co., 414 Water, Baltimore, Md.
 Ft. Wayne Ptg. Co., 119 Holman, Ft. Wayne, Ind.
 Irving-Pitt Mfg. Co., 816 Locust, Kansas City, Mo.
 Le Febure Corp., Cedar Rapids, Iowa.
RICHMOND & BACKUS CO., Woodward at Congress, Detroit, Mich.
 Smith Ptg. Co., 225 E. 3d, Williamsport, Pa.
 Wilson-Jones Co., 3300 Franklin Blvd., Chicago, Ill.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

288 LEDGERS, LOOSE LEAF

Adams Mfg. Co., Henry T., 8561 S. Chicago, Chicago, Ill.
 American Bank Supply Co., 628 N. Illinois, Indianapolis, Ind.
 American Bindery Corp., 1310 Maple, Detroit, Mich.
 Boorum & Pease Co., 84 Hudson, Brooklyn, N. Y.
 Buchan-White Loose Leaf Co., 1906 Pine, St. Louis, Mo.
 Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 Dameron-Pierson Co., Ltd., 400 Camp, New Orleans, La.
 Drew Co., H. & W. B., 22 W. Bay, Jacksonville, Fla.
 Falconer Co., Baltimore, Md.
 Flammger & Grahl Blank Book Co., 318 N. Third, St. Louis, Mo.
 Foote & Davies Co., Edgewood & Pryor, Atlanta, Ga.
 Hall Co., J. C., 68 W. Exchange, Providence, R. I.
 Irving-Pitt Mfg. Co., 816 Locust, Kansas City, Mo.
 The Joplin Printing Co., Inc., 509 Joplin, Joplin, Mo.
 Knight & Counihan Co., 32 Clay, San Francisco, Cal.
 Le Febure Corp., Cedar Rapids, Iowa.
 Mann Co., Wm., 529 Market, Philadelphia, Pa.
 McDonald Ledger & Loose Leaf Co., 1809 Summerdale Ave., Chicago, Ill.
 Mohler, A., 416 S. Dearborn, Chicago, Ill.
 Moore Corp., John C., 65 Stone, Rochester, N. Y.
 National Blank Book Co., Riverside, Holyoke, Mass.
 Omaha Printing Co., 1301 Farnam, Omaha, Neb.
 Poucher Printing & Lithographing Co., 320 S. 4th, Minneapolis, Minn.
 Proudfit Loose Leaf Co., Grand Rapids, Mich.
RICHMOND & BACKUS CO., Woodward at Congress, Detroit, Mich. (See our adv. on page 29G.)
 Sheppard Co., C. E., Van Alst; 14th, Long Island City, N. Y.
 Stevens, Maloney & Co., 21 S. La Salle, Chicago, Ill.
 Tallman Robbins & Co., 314 W. Superior, Chicago, Ill.
 Tengwall Co., 2954 Sheffield, Chicago, Ill.
 United States Check Book Co., 1309 Howard, Omaha, Neb.
 Weston Co., Byron, Dalton, Mass.
 Wilson-Jones Co., 3300 Franklin Blvd., Chicago, Ill.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

289 LEGAL SERVICE

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

290 LETTER OPENERS

American Art Works, Coshocton, Ohio.
 Cruver Mfg. Co., 3510 S. Western Ave., Chicago, Ill.
 Hush-A-Phone Corporation, 19 Madison Ave., New York, N. Y.
 Novelty Cutlery Co., Canton, Ohio.
 Parisian Novelty Co., 22d & La Salle, Chicago, Ill.
 Rehberger Co., A. C., 3656 Lincoln Ave., Chicago, Ill.
 Stronghart Co., 2942 W. Lake, Chicago, Ill.

291 LETTER OPENERS (AUTOMATIC)

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

LETTERHEADS, EMBOSSED
 (See Embossing)

292 LETTERHEADS, ENGRAVED
 (See also Engraving)

Gartner & Bender, 1104 S. Wabash Ave., Chicago, Ill.
 Hutson & Co., C. S., 557 S. San Pedro, Los Angeles, Cal.
 Monroe Letterhead Corp., Monroe Bldg., Huntsville, Ala.
 Northern Bank Note Co., 2340 N. Racine Ave., Chicago, Ill.
 Standard Bank Note Co., 351 E. Monroe, Chicago, Ill.

293 LETTERHEADS, LITHOGRAPHED
 (See also Lithographing)

Central Banknote Co., 319 N. Albany, Chicago, Ill.
 Columbus Bank Note Co., 40 E. Spring, Columbus, Ohio.
 Continental Bank Supply Co., Mexico, Mo.
 Forbes Lithograph Mfg. Co., P. O. Box 5130, Boston, Mass.
 Iowa Lithographing Co., 515 Twenty-eighth, Des Moines, Iowa.
 The Joplin Printing Co., Inc., 509 Joplin, Joplin, Mo.
 Monasch Co., 500 S. Fifth, Minneapolis, Minn.
 Monroe Letterhead Corp., Monroe Bldg., Huntsville, Ala.
 Northern Bank Note Co., 2340 N. Racine Ave., Chicago, Ill.
PEERLESS LITHOGRAPHING CO., 1714 N. Robey St., Chicago, Ill. (See our adv. on this page.)
 Poucher Ptg. & Litho. Co., 320 S. 4th, Minneapolis, Minn.
 Standard Bank Note Co., 351 E. Monroe, Chicago, Ill.
 United States Check Book Co., 1309 Howard, Omaha, Neb.

LETTERHEADS, PRINTED
 (See Printing)

294 LETTERING, GOLD

Brilliant Co., 3531 Washington, St. Louis, Mo.
 Rawson & Evans Co., 710 Washington Blvd., Chicago, Ill.
 Steere, George & Sons, 434 S. Dearborn, Chicago, Ill.
 Tablet & Ticket Co., 1015 W. Adams, Chicago, Ill.

295 LETTERS, COLLECTION

Ft. Wayne Ptg. Co., 119 Holman, Ft. Wayne, Ind.
 Richmond & Backus Co., Woodward at Congress, Detroit, Mich.

296 LETTERS, FAC-SIMILE

Eagle Multigraphing Stamp & Seal Co., 912 Throver Bldg., Atlanta, Ga.
 Kier Letter Co., 538 S. Clark, Chicago, Ill.
 Los Angeles Addressing & Mailing Co., 1351 S. Olive, Los Angeles, Cal.

297 LETTERS, PROCESS

Kier Letter Co., 538 S. Clark, Chicago, Ill.

LIGHTING SYSTEMS
 (See Fixtures, Lighting)

298 LIMESTONE

Indiana Limestone Quarrymen's Ass'n., Bedford, Ind.

299 LININGS, VAULT

Cary Safe Co., 1200 Niagara, Buffalo, N. Y.
 Diebold Safe & Lock Co., 818 Mulberry Rd., S. E., Canton, Ohio.
 Gross-Feibel Co., Fair & Elm, Hillsboro, Ohio.
 Hall's Safe Co., 3253 Spring Grove Ave., Cincinnati, Ohio.
 Herring-Hall-Marvin Co., Grand Blvd., Hamilton, Ohio.
 Invincible Metal Furniture Co., 824 Twenty-sixth, Manitowoc, Wis.
 Mosler Safe Co., Hamilton, Ohio.
 National Safe & Lock Co., E. 69th & Quincy, Cleveland, Ohio.
 York Safe & Lock Co., York, Pa.

300 LININGS, VAULT (ELECTRIC)

American Bank Protection Co., Inc., 139 Lyndale Ave., N., Minneapolis, Minn.
 Anakin Lock & Alarm Co., 162 N. Franklin, Chicago, Ill.
 Bankers Electrical Protection Co., 139 Lyndale Ave., N., Minneapolis, Minn.
 Bankers Elec. Protective Assn., 104 Sudbury, Boston, Mass.
 Burglary Protection Co., 738 Ceres Ave., Los Angeles, Cal.
 Cannon Ball Alarm Co., 139 Lyndale Ave., N., Minneapolis, Minn.
 McClintock Co., O. B., 139 Lyndale Ave., N., Minneapolis, Minn.

301 LINOLEUM

Armstrong Cork & Insulation Co., 24th St. & A. V. R. R., Pittsburgh, Pa.

302 LISTS, MAILING

BUCKLEY DEMENT & CO., 1300 Jackson Blvd., Chicago, Ill.
 Los Angeles Addressing & Mailing Co., 1351 S. Olive, Los Angeles, Cal.

303 LITHOGRAPHING

American Bank Note Co., 118 E. 20th, Chicago, Ill.
 American Bank Stationery Co., Curtin, Aiken & Hargost, Baltimore, Md.
 American Bank Supply Co., 628 N. Illinois, Indianapolis, Ind.
BARNARD STA. CO., GEO. D., 3863 La Clede Ave., St. Louis, Mo.
 Beach Ptg. Co., Will A., 235 N. Phillip Ave., Sioux Falls, S. D.
 Benson & Sons, Benj. D., 11 Cliff, New York, N. Y.
 Berg, Joseph, 30 Ferry, New York, N. Y.
 Broderick Co., 460 Robert, St. Paul, Minn.
 The Brooks Co., 1241 Superior Ave., Cleveland, O.
 Brown-Blodgett Co., 1745 University Ave., St. Paul, Minn.
 Buxton & Skinner Ptg. & Sta. Co., 306 N. 4th, St. Louis, Mo.
 Cantine Co., The Martin, Ripley, Saugerties, N. Y.
 Carrithers & Co., 108 N. Wells, Chicago, Ill.
 Central Banknote Co., 319 N. Albany, Chicago, Ill.
 Clarke & Courts, Galveston, Tex.
 Columbian Bank Note Co., 500 S. Ashland, Chicago, Ill.
 Commercial Lithographing Co., 815 W. Market, Louisville, Ky.
 Courier-Journal Job Ptg. Co., 326 W. Liberty, Louisville, Ky.
 Dameron-Pierson Co., Ltd., 400 Camp, New Orleans, La.
 Democrat Ptg. & Lithographing Co., Scott & 2d, Little Rock, Ark.
 Dodsworth Sta. Co., Sam'l, 410 W. 10th, Kansas City, Mo.
 Dow Co., Louis F., 2242 University Ave., St. Paul, Minn.
 Drew Co., H. & W. B., 22 W. Bay, Jacksonville, Fla.
 Falconer Co., 414 Water, Baltimore, Md.
 Farnham Ptg. & Sta. Co., 417 Hennepin Ave., Minneapolis, Minn.
 Foote & Davies Co., Edgewood & Pryor, Atlanta, Ga.
 Forman Bassett Co., 1427 W. 3d, Cleveland, Ohio

Ft. Wayne Ptg. Co., 119 Holman, Ft. Wayne, Ind.
 The Fritx-Cross Co., 236 Hamm Bldg., St. Paul, Minn.
 Gast Bank Note Co., 4189 Chippewa, St. Louis, Mo.
 Goes Lithographing Co., 42 W. 61st, Chicago, Ill.
 Gregory, Mayer & Thom, Co., 41 Cadillac Square, Detroit, Mich.
 Hall Co., J. C., 68 W. Exchange, Providence, R. I.
 Hall Lithographing Co., Topeka, Kan.
 Hesse Envelope & Litho. Co., 4175 N. Kings Highway, St. Louis, Mo.
 Hutson & Co., C. S., 557 S. San Pedro, Los Angeles, Cal.
 Iowa Litho. Co., 515 Twenty-eighth, Des Moines, Iowa.
 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.
 Knight Counihan Co., 32 Clay, San Francisco, Cal.
 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.
 Monasch Co., 500 S. Fifth, Minneapolis, Minn.
 Mysell-Rollins Bank Note Co., 32 Clay, San Francisco, Cal.
 Northern Bank Note Co., 2340 N. Racine Ave., Chicago, Ill.
Omaha Printing Co., 1301 Farnam, Omaha, Neb.
PEERLESS LITHOGRAPHING CO., 1714 N. Robey, Chicago, Ill.
 Pettibone & Co., P. F., 27 N. Desplaines, Chicago, Ill.
 Pioneer, Inc., 12th & A, Tacoma, Wash.
 Poucher Ptg. & Litho. Co., 320 S. 4th, Minneapolis, Minn.
 Pugh & Co., H. G., 417 Main, Little Rock, Ark.
 Red Wing Adv. Co., Main & Potter, Red Wing, Minn.
 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 California, Denver, Colo.
 Smith Co., Oscar T. & Son, 407 E. Saratoga, Baltimore, Md.
 Smith Ptg. Co., 225 E. 3d, Williamsport, Pa.
 Southern States Ptg. Co., Inc., Griffin, Ga.
 Standard Bank Note Co., 351 E. Ohio, Chicago, Ill.
 Stephens Litho. & Engraving Co., 420 N. 2d, St. Louis, Mo.
 Stevens, Maloney & Co., 21 S. La Salle, Chicago, Ill.
 Swinney Ptg. Co., Fort Branch, Ind.
 Toof & Co., S. C., 195 Madison, Memphis, Tenn.
 Union Bank Note Co., 1016 Central, Kansas City, Mo.
 Union Lithograph Co., Inc., 2030 E. 7th, Los Angeles, Cal.
 United States Check Book Co., 1309 Howard, Omaha, Neb.
 Van Clief Lithographing Co., 2708 Wabash Ave., Chicago, Ill.
 Walker, Evans & Cogswell Co., Charleston, S. C.
 Walker Litho. & Ptg. Co., 114 W. 4th, Dayton, O.
 Western Bank & Office Supply Co., 205 W. 1st, Oklahoma City, Okla.
 Western Lithograph Co., 600 E. 2d, Los Angeles, Cal.

LOAN REGISTERS

(See Registers, Note & Loan)

304 LOCK INSPECTION, TIME

BANK VAULT INSPECTION CO., 1824 Ludlow, Philadelphia, Pa.
 Diebold Safe & Lock Co., 818 Mulberry Rd., S. E., Canton, Ohio.
YALE & TOWNE MFG. CO., Stamford, Conn.

<p>DEPOSIT SLIPS</p> <p>35c PER THOUSAND</p> <p>A DECIDED SAVING TO YOU</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td>500,000 - - - 35c Per M</td> <td>50,000 - - - 45c per M</td> </tr> <tr> <td>250,000 - - - 37c per M</td> <td>25,000 - - - 50c per M</td> </tr> <tr> <td>100,000 - - - 47c per M</td> <td></td> </tr> </table> <p style="text-align: center;"><i>Let Us Make Your Next Order</i></p>	500,000 - - - 35c Per M	50,000 - - - 45c per M	250,000 - - - 37c per M	25,000 - - - 50c per M	100,000 - - - 47c per M		<p>LITHOGRAPHED LETTERHEADS—As Low As</p> <p>\$1.20 PER THOUSAND</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td>100,000 - - - \$1.20 Per M</td> <td>12,500 - - - \$1.70 per M</td> </tr> <tr> <td>50,000 - - - \$1.25 per M</td> <td>6,250 - - - \$2.25 per M</td> </tr> <tr> <td>25,000 - - - \$1.45 per M</td> <td></td> </tr> </table> <p style="text-align: center;"><i>Write for Samples</i></p>	100,000 - - - \$1.20 Per M	12,500 - - - \$1.70 per M	50,000 - - - \$1.25 per M	6,250 - - - \$2.25 per M	25,000 - - - \$1.45 per M	
500,000 - - - 35c Per M	50,000 - - - 45c per M												
250,000 - - - 37c per M	25,000 - - - 50c per M												
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100,000 - - - \$1.20 Per M	12,500 - - - \$1.70 per M												
50,000 - - - \$1.25 per M	6,250 - - - \$2.25 per M												
25,000 - - - \$1.45 per M													
<p>PEERLESS LITHOGRAPHING CO., Inc.</p> <p><i>Specialists of Lithographed Stationery</i></p> <p>1714 - 1720 N. Robey St. - - - - - CHICAGO, ILL.</p>													

305 LOCKERS, STEEL

All-Steel-Equip. Co., Aurora, Ill.
Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
Berger Mfg. Co., 1038 Belden Ave., Canton, Ohio.
Columbia Steel Equipment Co., 1735 Chestnut, Philadelphia, Pa.
Cramer Brothers Safe Co., 1417 McGee, Kansas City, Mo.
Durabilt Steel Locker Co., Aurora, Ill.
General Fireproofing Co., Youngstown, Ohio.
HART & HUTCHINSON CO., New Britain, Conn.
(See our adv. on this page.)
Lyon Metallic Mfg. Co., Aurora, Ill.
Medart Mfg. Co., Fred, 3535 DeKalb, St. Louis, Mo.
Terrell's Equipment Co., Grand Rapids, Mich.
Van Dorn Iron Works Co., 2685 E. 79th, Cleveland, Ohio.

306 LOCKS

Corbin Cabinet Lock Co., New Britain, Conn.
Corbin, P. & F., Park, New Britain, Conn.
Mosler Safe Co., Hamilton, Ohio.
Sargent & Greenleaf, Inc., 1176 Joseph Ave., Rochester, N. Y.
Yale & Towne Mfg. Co., Stamford, Conn.

307 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.

308 LOCKS, SAFE DEPOSIT

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.

309 LOCKS, SAFETY VAULT

(See also Burglar Alarms)
American Lock Works, First Nat'l, Bk. Bldg., Ft Dodge, Iowa.
ANAKIN LOCK & ALARM CO., 162 N. Franklin, Chicago, Ill.
Cramer Bros. Safe Co., 1417 McGee, Kansas City, Mo.
Duplex Electric Co., 71 Grand, New York, N. Y.
Norris Safe & Lock Co., 114 Third Ave., Seattle, Wash.
YALE & TOWNE MFG. CO. Stamford, Conn.

310 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 EQUIPMENT

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

LUNCH ROOM EQUIPMENT, EMPLOYEES'

(See Equipment, Lunch Room, Employees')

**The Name "STORALL"
Tells the Story**

STORALL lockers give you more space—take up less room—and their cost is amazingly low. You can arrange shelving to suit. Save money and save space. Add convenience and utility at low cost.

Write for full details to

HART & HUTCHINSON CO.
New Britain, Conn.
or at
Boston,
New York
or
Philadelphia



M

MACHINE BOOKKEEPING FORMS

(See Forms, Machine Bookkeeping)

311 MACHINES, ACCOUNT FINDING

Add-Index Corporation, 678 Front, Grand Rapids, Mich.

312 MACHINES, ADDING

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.
Becker Co., John C., 41 E. Wells, Milwaukee, Wis.
Burroughs Adding Machine Co., 6071 Second Blvd, Detroit, Mich.
Ellis Adding Typewriter Co., Newark, N. J.
Monroe Calculating Machine Co., Inc., Orange, N. J.
Remington Rand Business Service, Inc., 374 Broadway, New York, N. Y.
Todd Co., Inc., 1178 University, Rochester, N. Y.
Underwood Typewriter Co., New York, N. Y.
Victor Adding Machine Co., 3900 N. Rockwell, Chicago, Ill.

313 MACHINES, ADDRESSING

Addressograph Co., 901 W. Van Buren, Chicago, Ill.
Federal Addressing Machine Corp., 77 E. Swan, Buffalo, N. Y.

314 MACHINES, BALING, CURRENCY

Davenport Mfg. Co., Inc., Davenport, Iowa.
Economy Baler Co., Ann Arbor, Mich.

315 MACHINES, BALING, WASTE PAPER

Davenport Mfg. Co., Inc., Davenport, Iowa.
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.

316 MACHINES, BILLING

Burroughs Adding Machine Co., 6071 Second Blvd., Detroit, Mich.
Ellis Adding Typewriter Co., Newark, N. J.
Type-Adder Corp., Woolworth Bldg., New York, N. Y.
Underwood Typewriter Co., New York, N. Y.

317 MACHINES, BINDING

Acme Staple Co., 1643-47 Haddon Ave., Camden, N. J.
Buchan-White Loose Leaf Co., 1906 Pine, St. Louis, Mo.
McBee Binder Co., Athens, Ohio.

318 MACHINES, BOOKKEEPING

Allen-Wales Corp., 233 Spring, New York, N. Y.
Burroughs Adding Machine Co., 6071 Second Ave., Detroit, Mich.
Ellis Adding Typewriter Co., Newark, N. J.
National Cash Register Co., Dayton, Ohio.
Remington Rand Business Service, Inc., 374 Broadway, New York, N. Y.

319 MACHINES, CALCULATING

Allen-Wales Corp., 233 Spring, New York, N. Y.
Burroughs Adding Machine Co., 6071 Second Ave., Detroit, Mich.
Ellis Adding Typewriter Co., Newark, N. J.
Marchant Calculating Machine Co., 36 S. State, Chicago, Ill.
Monroe Calculating Machine Co., Inc., Orange, N. J.
Victor Adding Machine Co., 3900 N. Rockwell, Chicago, Ill.

320 MACHINES, CALCULATING (ELECTRIC)

Add-Index Corporation, 678 Front, Grand Rapids, Mich.

MACHINES, CALCULATING INTEREST

(See Calculators, Time & Interest)

321 MACHINES, CANCELLING, BOND & COUPON

AMERICAN PERFORATOR CO., 625 W. Jackson, Chicago, Ill. (See our adv. on page 23G.)
Cummins Perforator Co., 4740 Ravenswood, Chicago, Ill.

322 MACHINES, CANCELLING, CHECK

AMERICAN PERFORATOR CO., 625 W. Jackson, Chicago, Ill.
Cummins Perforator Co., 4740 Ravenswood, Chicago, Ill.

MACHINES, COIN CHANGING

(See Coin Changers)

323 MACHINES, COIN COUNTING

(Also see Coin Counting Machines)

ABBOTT COIN COUNTER CO., 143d & Wales, New York, N. Y. (See our adv. on page 25G.)
DOWNY CO., C. L., 941 Clark, Cincinnati, Ohio. (See our adv. on page 24G.)
Jorgensen Mfg. Co., 3681 Gratiot Ave., Detroit, Mich.
Pneumatic Scale Corp., Ltd., Norfolk Downs, Mass.
Sattley Co., 3246 E. Woodbridge, Detroit, Mich.
STANDARD-JOHNSON CO., INC., 371 Pacific, Brooklyn, N. Y. (See our adv. on page 24G.)

324 MACHINES, COIN SORTING

ABBOTT COIN COUNTER CO., 143d & Wales Ave., New York, N. Y.
DOWNY CO., C. L., 941 Clark, Cincinnati, Ohio.
Jorgensen Mfg. Co., 3681 Gratiot Ave., Detroit, Mich.
Pneumatic Scale Corp., Inc., Ltd., Norfolk Downs, Mass.
Sattley Co., 3246 E. Woodbridge, Detroit, Mich.
STANDARD-JOHNSON CO., INC., 371 Pacific, Brooklyn, N. Y.

MACHINES, DATING

(See Stamps, Dating)

325 MACHINES, DEPOSIT RECEIVING

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

326 MACHINES, DICTATING

Dietaphone Corp., 154 Nassau, New York, N. Y.
Edison, Inc., Thos. A., Orange, N. J.

MACHINES, DUPLICATING

(See Duplicators)

MACHINES, EYELET

(See Eyelet Machines & Eyelets)

MACHINES, FILING

(See Machines, Account Finding)

327 MACHINES, FOLDING

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

328 MACHINES, INTEREST COMPUTING

Meilicke Systems, Inc., 3466 N. Clark, Chicago, Ill.
National Time Computer Co., 514 Prior Ave., N., St. Paul, Minn.

329 MACHINES, MAILING, PERMIT (METER)

Colonial Engraving Co., 137 Federal, Boston, Mass.
Postage Meter Co., Stamford, Conn.
Standard Mailing Machine Co., Everett, Mass.

330 MACHINES, MAILING, PERMIT (NON-METER)

Bircher Co., Inc., 192 Mill, Rochester, N. Y.
International Postal Supply Co., 634 Prospect, Brooklyn, N. Y.
Standard Mailing Machines Co., Everett, Mass.

331 MACHINES, MOTION PICTURE

Geraghty Advertising Service, Inc., 465 W. Chicago Ave., Chicago, Ill.

332 MACHINES, NUMBERING

Acme Stamp Co., 1100 Prospect Ave., Cleveland, O.
American Numbering Machine Co., 220 Shepherd, Brooklyn, N. Y.
Atlanta Rubber Stamp & Stencil Works, 76 N. Forsyth, Atlanta, Ga.
Bates Mfg. Co., Orange, N. J.
Safford Stamp Works, 205 W. Madison, Chicago, Ill.
Salisbury-Schulz Co., P. A., 181 N. Wells, Chicago, Ill.
Swisher Mfg. Co., R. D., 411 S. Clinton, Chicago, Ill.

333 MACHINES, PERFORATING

American Clip Co., Beebe Ave. & Williams, Long Island City, N. Y.
AMERICAN PERFORATOR CO., 625 W. Jackson, Chicago, Ill.
 Cummins Perforator Co., 4740 Ravenswood Ave., Chicago, Ill.
 National Perforator Co., (The), 1017 N. Front, Philadelphia, Pa.

MACHINES, PERMIT MAILING

(See Machines, Mailing, Permit)

334 MACHINES, PHOTO COPYING

Gennert, Inc., G., 24 E. 13th, New York, N. Y.

MACHINES, POST-MARKING (PERMIT)

(See Machines, Mailing, Permit)

335 MACHINES, REBUILT

American Writing Machine Co., 449 Central Ave., Newark, N. J.
 Manufacturers Typewriter Clearing House, Inc., 193 N. Dearborn, Chicago, Ill.
 Office Equipment Co., 911 Locust, Des Moines, Ia.

336 MACHINES, SAVINGS, STAMP

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

337 MACHINES, SCRUBBING

American Scrubbing Equip. Sales Co., Hannibal, Mo.

338 MACHINES, SEALING, ENVELOPE

(See also Machines, Mailing, Permit)

Bircher Co., Inc., 192 Mill St., Rochester, N. Y.
 Multipost Co., 51 Centre Pk., Rochester, N. Y.
 Postage Meter Co., 723 Pacific, Stamford, Conn.
 Standard Mailing Machines Co., Everett, Mass.

339 MACHINES, SEALING, GUMMED TAPE

Package Binder Co., (The), 316 Fourth Ave., Pittsburgh, Pa.
 Union Paper & Twine Co., 116 St. Clair Ave., N.W., Cleveland, Ohio.

340 MACHINES, SIGNATURE SIGNING

Todd Co., 1178 University Ave., Rochester, N. Y.

MACHINES, STAMP AFFIXING

(See Stamp Affixers)

341 MACHINES, STAPLING

Acme Staple Co., 1643-47 Haddon Ave., Camden, N. J.
 The Adams-Lessack Co., 1507 Arch St., Philadelphia, Pa.
 Bates Mfg. Co., Orange, N. J.
 Compo Corp. & Sales Co., Westport, Conn.

342 MACHINES, STENCIL

Addressograph Co., 901 W. Van Buren, Chicago, Ill.
 Bradley Stencil Machine Co., 3745 Forest Park Blvd., St. Louis, Mo.

MACHINES, TABULATING

(See Machines, Adding; Machines, Calculating)

MAGAZINE BINDERS

(See Binders, Magazine)

MAGAZINE RACKS

(See Racks, Magazine & Newspaper)

343 MAGAZINES, BANKING

American Banker's Assn. Journal, 110 E. 42d, New York, N. Y.
BANKERS BULLETIN, THE, 536 S. Clark St., Chicago, Ill.
BANKERS MONTHLY, THE, 536 S. Clark St., Chicago, Ill. (See our adv. on page 45G.)
 Coast Banker, San Francisco, Cal.
 The Fitch Publishing Co., 138 Pearl, New York, N. Y.

MANIFOLD FORMS

(See Forms, Manifold)

344 MAP CASES**RAND McNALLY & CO., 536 S. Clark St., Chicago, Ill.****345 MAP SYSTEMS****RAND McNALLY & CO., 536 S. Clark St., Chicago, Ill.** (See our adv. on page 4G.)**346 MAPS****RAND McNALLY & CO., 536 S. Clark St., Chicago, Ill.** (See our adv. on page 4G.)**347 MAPS, AUTO TRAILS****RAND McNALLY & CO., 536 S. Clark St., Chicago, Ill.** (See our adv. on page 49G.)**348 MARBLE**

Alabama Marble Co., Ave. A. and 21st, Birmingham, Ala.
 Appalachian Marble Co., Knoxville, Tenn.
 Carthage-Marble Corporation, P. O. Drawer 612, Carthage, Mo.
 Clow & Sons, Jas. B., 201 N. Talman Ave., Chicago, Ill.
 Georgia Marble Co., Tate, Ga.
 Phenix Marble Co., 609 Scarritt Bldg., Kansas City, Mo.
 Taylor-Palmer Co., 49 E. Wells, Milwaukee, Wis.

MARBLE FIXTURES

(See Fixtures, Bank & Office, also Marble)

MEMORIALS, BRONZE

(See Tablets, Bronze)

METERED MAIL

(See Machines, Mailing, Permit)

349 MIMEOGRAPHS

(See also Duplicators)

Dick Co., A. B., 736 W. Jackson, Chicago, Ill.

350 MIMESCOPIES

Dick Co., A. B., 736 W. Jackson, Chicago, Ill.

351 MOISTENERS, ENVELOPE & STAMP

Bachrach Specialty Co., 2275 Third Ave., New York, N. Y.
 Eureka-Blotter Bath Co., 3734 S. Wallace, Chicago, Ill.
 Mohler, A., 416 S. Dearborn, Chicago, Ill.
 Sengbusch Self-Closing Inkstand Co., 2218 Clybourn, Milwaukee, Wis.

MOTION PICTURE ADVERTISING

(See Advertising, Motion Picture; also Machines, Motion Picture)

352 MUCILAGE

Carter's Ink Co., 239 First, Cambridge, Mass.
 Diamond Ink Co., 3033 Galena, Milwaukee, Wis.
 Keller Ink Co., Robert, 1441 Brooklyn Ave., Detroit, Mich.
 Kirk Ink Co., 2316 W. Harrison, Chicago, Ill.
 Sanford Mfg. Co., 846 W. Congress, Chicago, Ill.
 Scriptex Ink & Paste Co., 519 S. Second, Philadelphia, Pa.
 Sneath Glass Co., Hartford City, Ind.
 Weis Mfg. Co., Union, Monroe, Mich.

353 MULTIGRAPHS

(See also Duplicators)

American Multigraph Sales Co., E. 40th & Kelley Ave., Cleveland, Ohio.
 Liberty Folder Co., (The), Sidney, Ohio.

354 MULTISTAMPS

Multistamp Co., Inc., Norfolk, Va.

N**355 NAMEPLATES**

Acme Stamp Co., 1100 Prospect Ave., Cleveland, Ohio.
 Acme Wire & Iron Works, 12340 Cloverdale, Detroit, Mich.
 American Iron & Wire Works, 1622 Carroll, Chicago, Ill.
 American Name Plate Co., 352 Atlantic Ave., Boston, Mass.
 Art In Bronze Co., Inc., 1621 E. 41st, Cleveland, Ohio.
 Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Barkay Co., Inc., 24 Institute, Jamestown, N. Y.
 Brakmeier Bros., 112 S. 4th, Louisville, Ky.
 Brilliant Co., 3531 Washington, St. Louis, Mo.
 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., 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.
 Metercord Co., (The), 133 W. Washington, Chicago, Ill.
 Michaels Art Bronze Co., Inc., 230 Scott, Covington, Ky.
 Miller Bank Service, 5775 Ridge, Chicago, Ill.

Oregon Brass Works, 2d & Everett, Portland, Ore.
 Pacific Rubber Stamp Co., 918 S. Main, Los Angeles, Cal.
 Philadelphia Enameling Works, 254 N. 13th, Philadelphia, Pa.
 Price Bros., 412 Orleans, Chicago, Ill.
 Rawson & Evans Co., 710 Washington Blvd., Chicago, Ill.
 St. Paul Stamp Works, 74 E. 5th, St. Paul, Minn.
 Shank Sign Co., E. A., 25 W. 43d, New York, N. Y.
 Southern Stamp & Stencil Co., 48½ N. Forsyth, Atlanta, Ga.
 Stronghart Co., 2942 W. Lake, Chicago, Ill.
 Swisher Mfg. Co., R. D., 413 S. Clinton, Chicago, Ill.
 Tablet & Ticket Co., 1015 W. Adams, Chicago, Ill.
 Thrift Builders, Inc., 214 W. Water, Milwaukee, Wis.
 Twentieth Century Co., 538 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.
 Wood-Detroit Mfg. Co., 170 E. Larned, Detroit, Mich.

356 NATIONAL BANK AGENTS

(See Agents, National Bank)

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

NEOSTYLES

(See Duplicators)

NEW ACCOUNT SERVICE

(See Personal Solicitation)

NEWSPAPER ADVERTISING

(See Advertising, Bank; also Agencies, Advertising)

357 NEWSPAPER CLIPPINGS

Consolidated Press Clipping Bureau, Chicago, Ill.
 United States Press Clipping Bureau, Chicago, Ill.

358 NEWS SERVICE, PICTORIAL

Dispatch Photo News Service, Inc., 207 W. 25th, New York, N. Y.
 Elliott Service Co., 242 W. 49th, New York, N. Y.

359 NOVELTIES, ADVERTISING

(See also Specific Headings)

ADVERTISING GOLF BALL CORP., 1775 Broadway, New York, N. Y.
 American Art Works, Inc., Coshocton, Ohio.
 American Beauty Cover Co., 1902 Orange, Dallas, Tex.
 American Calendar Co., Inc., Greeneville, Tenn.
 Atlas Sign & Novelty Co., Commercial Tr. Bldg., Philadelphia, Pa.
 Bank Supply Co., 8 E. Chestnut, Columbus, Ohio.
 Bastian Bros. Co., 1600 Clinton Ave., N., Rochester, N. Y.
 Blackwell-Wielandy Book & Stationery Co., 1601 Locust, St. Louis, Mo.
 Blanchard Co., 692 Benton, Aurora, Ill.
 Brace & Co., H. G., 7th N. & Harrison, Seattle, Wash.
 Broderick Co., 460 Robert, St. Paul, Minn.
 Brown & Bigelow, Quality Park, St. Paul, Minn.
 Buckeye Leather Co., Chestnut, Coshocton, Ohio.
 Carroll Co., J. B., 319 N. Albany, Chicago, Ill.
 Colson Co., U. O., Paris, Ill.
 Continental Bank Supply Co., Mexico, Mo.
 Cruver Mfg. Co., 2456 Jackson, Chicago, Ill.
 Dow Co., Louis F., 2242 University Ave., St. Paul, Minn.
 Duplex Mfg. Co., 306 S. Franklin, Chicago, Ill.
DURABLE TOY & NOVELTY CO., 869 Broadway, New York, N. Y.
 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., 1407 Hudson, Chicago, Ill.
 Fine Art Novelty Co., 1609 W. 64th, Chicago, Ill.
 Fogarty Mfg. Co., The, 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 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 Sta., Cincinnati, O.
 Kenyon Co., Inc., 303 Grand, Des Moines, Iowa.
KOHL & CO., P. J., 224 W. Huron, Chicago, Ill.
 Lakeside Mfg. Co., 440 W. Superior, Chicago, Ill.
 Martin (The, Frank) Co., Marshall Bldg., Cleveland, O.
 Matthews & Co., Jas. H., 3942 Forbes, Pittsburgh, Pa.
 Mayer Mfg. Corp., 1436 Randolph, Chicago, Ill.
 Merchants Publishing Co., 402 W. Main, Kalamazoo, Mich.
 Mergott Co., J. E., 316 Jelliff Ave., Newark, N. J.
 National Bank Supply Co., 60 Spring, New York, N. Y.

NOVELTIES, ADVERTISING—CONTINUED

Novelty Adv. Co., Coshocton, O.
 Novelty Cutlery Co., Canton, Ohio
 Osborne Co., 759 Summer Ave., Newark, N. J.
 Parisian Novelty Co., 3510 S. Western Ave.,
 Chicago, Ill.
 Philadelphia Badge Co., 942 Market, Philadelphia,
 Pa.
 Red Wing Adv. Co., Main & Potter, Red Wing,
 Minn.
 Rehberger Co., A. C., 3656 Lincoln Ave., Chicago,
 Ill.
 Rehberger Mfg. Co., 1217 Webster Ave., Chicago,
 Ill.
 Robbins Co., The, Attleboro, Mass.
 Shaw Advertising Co., 520 Produce Exch. Bldg.,
 Kansas City, Mo.
 Shedd-Brown Mfg. Co., 317 Fifth Ave. So., Minne-
 apolis, Minn.
 Sentinel Printing Co., 10th at Ft. Wayne Ave.,
 Indianapolis, Ind.
 Shipley Advertising Co., 8 Chestnut, Columbus, O.
 Southard Calendar & Ptg. Co., 240 N. 3d, Colum-
 bus, O.
 Spangler Mfg. Co., 160 N. Wells, Chicago, Ill.
 Spotswood Specialty Co., Inc., 218 Jefferson,
 Lexington, O.
 Stanwood-Hillson Corp. (The), 14 High, Brookline,
 Mass.
 Stronghart Co., 2942 W. Lake, Chicago, Ill.
 Tablet & Ticket Co., 1015 W. Adams, Chicago, Ill.
**THRIFT BUILDERS, INC., 214 W. Water, Mil-
 waukee, Wis.**
 Twentieth Century Co., 538 S. Dearborn, Chicago,
 Ill.
 Volland Co., P. F., Joliet, Ill.
 Von Senden Co., Arthur, 316 Fourth Ave., Pitts-
 burgh, Pa.
 Voss Co., Herman, 603 E. Water, Milwaukee, Wis.
 Weinman Bros., 421 S. Wells, Chicago, Ill.
 Western Bank & Office Supply Co., 205 W. 1st,
 Oklahoma City, Okla.
 Wilson-Hurd Co., Wausau, Wis.
 Young & Gardner Co., 655 S. Wells, Chicago, Ill.

360 NOVELTIES, CELLULOID

American Art Works, Inc., Coshocton, O.
 Bastian Bros. Co., 1600 Clinton Ave. N., Rochester,
 N. Y.
 Blanchard Co., 692 Benton, Aurora, Ill.
 Brown & Bigelow, Quality Park, St. Paul, Minn.
 Carroll Co., J. B., 319 N. Albany, Chicago, Ill.
 Coshocton Specialty Co., Coshocton, O.
 Cruver Mfg. Co., 2456 W. Jackson, Chicago, Ill.
 Kemper Thomas Co., Park Ave., Norwood Sta.,
 Cincinnati, O.
 Kohl & Co., 224 W. Huron, Chicago, Ill.
 Parisian Novelty Co., 3510 S. Western Ave.,
 Chicago, Ill.
 Philadelphia Badge Co., 942 Market, Philadelphia,
 Pa.

361 NOVELTIES, CLOTH

Colson Co., U. O., Paris, Ill.
 Kemper Thomas Co., Park Ave., Norwood Sta.,
 Cincinnati, O.
 Strayer Coin Bag Co., New Brighton, Pa.
 Van Clief Lithographing Co., 2708 Wabash Ave.,
 Chicago, Ill.

362 NOVELTIES, LEATHER

American Art Works, Inc., Coshocton, O.
 American Beauty Cover Co., 1902 Orange, Dallas,
 Tex.
 Baker Mfg. Co., Oliver, 315 First Ave., N.,
 Minneapolis, Minn.
 Beach Leather Co., 1301 E. Walnut, Coshocton, O.
 Blanchard Co., 692 Benton, Aurora, Ill.
 Broderick Co., 460 Robert, St. Paul, Minn.
 Brown & Bigelow, Quality Park, St. Paul, Minn.
 Buckeye Leather Co., Chestnut, Coshocton, O.
 Business Reviving Co., Oblong, Ill.
 Coshocton Specialty Co., Coshocton, O.
 Dow Co., Louis F., 2242 University Ave., St. Paul,
 Minn.
 Exline Co., 113 St. Clair Ave., N. E., Cleveland, O.
 Ferree Co., E. H., 61 Richmond Ave., Lockport,
 N. Y.
 Follis Adv. Service, W. E., 159 N. State, Chicago,
 Ill.
 Humphreys Leather Goods Co., 221 W. Randolph,
 Chicago, Ill.
 Kemper Thomas Co., Park Ave., Norwood Sta.,
 Cincinnati, Ohio.
KOHL & CO., P. J., 224 W. Huron, Chicago, Ill.
 Meeker Co., Inc., 3d & Michigan, Joplin, Mo.
 Murphy Co., The, Thos. D., Red Oak, Iowa.
 National Bank Supply Co., 60 Spring, New York,
 N. Y.
 Novelty Adv. Co., Coshocton, Ohio.
 Osborne Co., 759 Summer Ave., Newark, N. J.
 Red Wing Adv. Co., Main & Potter, Red Wing,
 Minn.
 Seelman & Sons Co., Geo., 337 Seventh, Milwaukee,
 Wis.
 Shedd-Brown Mfg. Co., 317 Fifth Ave., S., Minne-
 apolis, Minn.
 Stiteler-Lewis Mfg. Co., 515 Jackson, Dallas, Tex.
 Thrift Builders, Inc., 214 W. Water, Milwaukee,
 Wis.
 United Pass Book & Cover Co., 5600 S. Compton,
 St. Louis, Mo.
 Van Clief Lithographing Co., 2708 Wabash,
 Chicago, Ill.
 Weinman Bros., 421 S. Wells, Chicago, Ill.
 Young & Gardner Co., 655 S. Wells, Chicago, Ill.
 Zell, Inc., D. H., 536 Broadway, New York, N. Y.

363 NOVELTIES, METAL

Adercraft Mfg. Co., 2448 W. 22d, Chicago, Ill.
 American Art Works, Inc., Coshocton, Ohio.
 Bastian Bros. Co., 1600 Clinton N., Rochester,
 N. Y.
 Blanchard Co., 692 Benton, Aurora, Ill.
 Brown & Bigelow, Quality Park, St. Paul, Minn.
 Colson Co., U. O., Paris, Ill.
 Cruver Mfg. Co., 2456 W. Jackson, Chicago, Ill.
 Empire Notion Co., 270 W. 38th, New York, N. Y.
 Felsenthal & Sons, G., 1407 Hudson, Chicago, Ill.
 Follis Adv. Service, W. E., 159 N. State, Chicago,
 Ill.
 Green Duck Co., 1725 W. North, Chicago, Ill.
 Martin Co., (The), Frank, Marshall Bldg., Cleve-
 land, Ohio.
 Matthews & Co., Jas. H., 3942 Forbes, Pittsburgh,
 Pa.
 Mayer Mfg. Corp., 1436 Randolph, Chicago, Ill.
 Merchants Publishing Co., 402 W. Main, Kalama-
 zoo, Mich.
 Mergott Co., J. E., 316 Jelliff Ave., Newark, N. J.
 Noble & Co., F. H., 535 W. 59th, Chicago, Ill.
 Parisian Novelty Co., 3510 S. Western Ave.,
 Chicago, Ill.
 Rehberger Co., A. C., 3656 Lincoln Ave., Chicago,
 Ill.
 Rehberger Mfg. Co., 1217 Webster Ave., Chicago,
 Ill.
 Robbins Co., The, Attleboro, Mass.
 Shaw Advertising Co., 500 Produce Exch. Bldg.,
 Kansas City, Mo.
 Stronghart Co., 2942 W. Lake, Chicago, Ill.

364 NOVELTIES, PAPER

American Art Works, Inc., Coshocton, Ohio.
 American Calendar Co., Greeneville, Tenn.
 Blanchard Co., 692 Benton, Aurora, Ill.
 Brace & Co., H. G., 7th N. & Harrison, Seattle,
 Wash.
 Broderick Co., 460 Robert, St. Paul, Minn.
 Brown & Bigelow, Quality Park, St. Paul, Minn.
 Business Reviewing Co., Oblong, Ill.
 Carroll Co., J. B., 319 N. Albany, Chicago, Ill.
 Colson Co., U. O., Paris, Ill.
 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.
 Merchants Publishing Co., 402 W. Main, Kalama-
 zoo, Mich.
 Osborne Co., 759 Summer Ave., Newark, N. J.
 Tablet & Ticket Co., 1015 W. Adams, Chicago, Ill.
 Wilson-Hurd Co., Wausau, Wis.

NUMBERING MACHINES

(See Machines, Numbering)

O

OFFICE LAYOUTS

(See Engineers, Equipment)

365 OMNIBUSES, VAULT

Art Metal Construction Co., Jones & Gifford Ave.,
 Jamestown, N. Y.
 Art Metal Products Co., 514 S. Green, Chicago, Ill.
 Automatic File & Index Co., South Broadway,
 Green Bay, Wis.
 Berger Mfg. Co., 1038 Belden Ave., Canton, Ohio.
 Brass, W. C., 116 S. Pa., Indianapolis, Ind.
 Carrithers & Co., 108 N. Wells, Chicago, Ill.
 Cary Safe Co., 1200 Niagara, Buffalo, N. Y.
 Collins Safe & Fixture Co., W. D., 513 W. Main,
 Dennison, Tex.
 Davidson Co., J. L., 632 Mateo, Los Angeles, Cal.
 Formed Steel Cabinet & Eqt. Co., 508 S. Dearborn,
 Chicago, Ill.
 General Fireproofing Co., Youngstown, Ohio.
 Hall's Safe Co., 3253 Spring Grove Ave., Cincinnati,
 Ohio.
 Herring-Hall-Marvin Safe Co., Grand Blvd.,
 Hamilton, Ohio.
 Le Febure Corp., Cedar Rapids, Iowa.
 Metal Office Furniture Co., Grand Rapids, Mich.
 National Safe & Lock Co., E. 69th & Quincy,
 Cleveland, Ohio.
 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.
 Van Dorn Iron Works Co., 2685 E. 79th, Cleveland,
 Ohio.
 Watson Mfg. Co., 63 Taylor, Jamestown, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester,
 N. Y.

OUTDOOR ADVERTISING

(See Advertising, Billboard; also Signs)

P

366 PADS, BLOTTER

(See Pads, Desk and Supplies)

Stuart-Hooper Co., 4007 Michigan Ave., Chicago,
 Ill.
 Young & Selden Co., 224 N. Calvert, Baltimore,
 Md.

367 PADS, DESK

Adams Mfg. Co., Henry T., 8561 S. Chicago,
 Chicago, Ill.
 Boorum & Pease Co., 84 Hudson, Brooklyn, N. Y.
 Knight Coughlan Co., 32 Clay, San Francisco,
 Calif.
 Mayer Mfg. Corp., 1436 Randolph, Chicago, Ill.
 Office Efficiency Distributors Co., 200 Davis,
 San Francisco, Cal.
 Polar Mfg. Co., 123 N. 4th, Philadelphia, Pa.
 Schaefer Mfg. Co., O. E., 4189 Chippewa, St. Louis,
 Mo.

368 PADS, DESK, CALENDAR

American Art Works, Inc., Coshocton, O.
 Broderick Co., 460 Robert, St. Paul, Minn.
 Brown & Bigelow, Quality Park, St. Paul, Minn.
 Defiance Sales Corp., 72 Spring, New York, N. Y.
 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 Perless Calendar Co., 357 W. Chicago
 Ave., Chicago, Ill.
 Shedd-Brown Mfg. Co., 317 Fifth Ave. So.,
 Minneapolis, Minn.

369 PADS, DESK, GLASS

Kahn Mirror Plate Co., 1512 Clark Ave., St. Louis,
 Mo.
 Polar Mfg. Co., 123 N. 4th, Philadelphia, Pa.
 Rawson & Evans Co., 710 Washington Blvd.,
 Chicago, Ill.

370 PADS, MEMO.

(See also Stationers)

Adams Mfg. Co., Henry T., 8561 So.
 Chicago, Ill.
 The Colytt Laboratories, 565 W. Washington St.,
 Chicago, Ill.
 Currier Mfg. Co., N. W. Terminal Industries Bldg.,
 Minneapolis, Minn.
 Mayer Mfg. Corp., 1436 Randolph, Chicago, Ill.
 Polar Mfg. Co., 123 N. 4th, Philadelphia, Pa.
 Union Paper & Twine Co., 116 S. Clair Ave., N. W.,
 Cleveland, Ohio

371 PADS, RUBBER STAMP

Acme Stamp Co., 1100 Prospect, Cleveland, O.
 Arlac Dry Stencil Corp., 424 Fourth Ave., Pitts-
 burgh, Pa.
 Atlanta Rubber Stamp & Stencil Works, 76 N.
 Forsyth, Atlanta, Ga.
 Carter's Ink Co., 239 First, Cambridge, Mass.
 Cooke Co., J. P., 111 Farnam, Omaha, Neb.
 Darling Co., J. C., 734 Kansas Ave., Topeka, Kan.
 Falconer Co., 414 Water, Baltimore, Md.
 Force & Co., Inc., Wm. A., 105 Worth, New York,
 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.
 Moise-Klinkner Co., 369 Market, San Francisco,
 Cal.
 Nobler Stamp & Seal Co., Inc., 524 S. Dearborn,
 Chicago, Ill.
 Sachs-Lawlor Co., Inc., Denver, Colo.
 Safford Stamp Works, 205 W. Madison, Chicago,
 Ill.
 St. Paul Stamp Works, 74 E. Fifth, St. Paul, Minn.
 Swisher Mfg. Co., R. D., 411 S. Clinton, Chicago,
 Ill.
 Western Lithograph Co., 600 E. 2d, Los Angeles,
 Cal.

PAPER, ADDING MACHINE

(See Rolls, Adding Machine)

372 PAPER, CARBON

American Manifold Products Corp., 2900 Darwin
 Terrace, Chicago, Ill.
 American Sales Book Co., Limited, Elmira, N. Y.
 American Writing Machine Co., 449 Central Ave.,
 Newark, N. J.
 Autographic Register Co., 1000 Clinton, Hoboken,
 N. J.
 Becker & Co., 220 Devonshire, Boston, Mass.
 Buckeye Ribbon & Carbon Co., 1466 E. 55th,
 Cleveland, O.
 Carter's Ink Co., 239 First, Cambridge, Mass.
 Crown Ribbon & Carbon Mfg. Co., 782 St. Paul,
 Rochester, N. Y.
 Ditto, Inc., 125 W. Austin Ave., Chicago, Ill.
 Egry Register Co., 417 E. Monument Ave., Day-
 ton, Ohio.
 Hamilton Autographic Register Co., Hamilton, O.
 Miller-Bryant-Pierce Co., 189 S. River, Aurora, Ill.
 Office Equipment Co., 911 Locust, Des Moines, Ia.
 Webster Co., F. S., 332 Congress, Boston, Mass.

373 PAPER, GUMMED

Shuman Co., Frank G., 216 N. Clinton, Chicago,
 Ill.
 Union Paper & Twine Co., 116 St. Clair Ave., N. W.,
 Cleveland, Ohio.

374 PAPER RULING
STATE PAPER RULING CO., 709 So. Dearborn St., Chicago, Ill. (See our adv. on this page)

375 PAPER, SAFETY
 Falconer Co. (Southland), 414 Water, Baltimore, Md.
 Hammermill Paper Co. (Hammermill Safety Paper), Erie, Pa.
LAMONTE & SONS, 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.
 Pacific Northwest Paper Mills, Inc., 287 E. Farragut, Portland, Ore.
 Perfect Safety Paper Co. (Padlock Safety Paper), 102 Winter, Holyoke, Mass.
 Todd Co. (Protod-Greenback Checks), 1178 University Ave., Rochester, N. Y.
 Wroe & Co., W. E., 22 W. Monroe, Chicago, Ill.

376 PAPER, TELAUTOGRAPH
 Teltautograph Corp., 16 W. 61st, New York, N. Y.
 Union Paper & Twine Co., 116 St. Clair Ave., N. W. Cleveland, Ohio.

377 PAPER, TYPEWRITER
 (See Stationers or Supplies)
 Dexter & Sons, Inc., C. H., Windsor Locks, Conn.
 Esleock Mfg. Co., Turners Falls, Mass.
 Southworth Co., Mittineague, Mass.
 Union Paper & Twine Co., 116 St. Clair Ave., N. W. Cleveland, Ohio.

378 PAPER WEIGHTS
 Adcraft Mfg. Co., 2448 W. 22d, Chicago, Ill.
 American Art Works, Inc., Coshocton, Ohio.
 Brown & Bigelow, Quality Park, St. Paul, Minn.
 Kemper Thomas Co., Park Ave., Norwood Sta., Cincinnati, Ohio.
 Merchants Publishing Co., 402 W. Main, Kalamazoo, Mich.
 Parisian Novelty Co., 3510 S. Western Ave., Chicago, Ill.
 Rehberger Co., A. C., 3656 Lincoln Ave., Chicago, Ill.
 Rehberger Mfg. Co., 1217 Webster Ave., Chicago, Ill.
 Sneath Glass Co., Hartford City, Ind.

PARCEL POST SCALES
 (See Scales)

379 PARTITIONS
 Albattross 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.
 Claws Mfg. Co., The A., 5250 Brookpark Rd., Cleveland, Ohio.
 Dahlstrom Metallic Door Co., Buffalo & East 2d, Jamestown, N. Y.
 Gypsum Industries, 444 Rush, Chicago, Ill.
 Inter Ocean Cabinet Co., 326 S. Paulina, Chicago, Ill.
 Mitchell Mfg. Co., Robt., 2d & John, Cincinnati, O.
 Nachtgall Mfg. Co., 237 S. Front, Grand Rapids, Mich.
 St. Louis Bank Bldg. & Eqt. Co., 906 Sidney, St. Louis, Mo.
 Usona Mfg. Co., 3512 Chouteau, St. Louis, Mo.
 Watson Mfg. Co., 63 Taylor, Jamestown, N. Y.
 Wilson Corp., J. G., 11 E. 38th, New York, N. Y.

PASS BOOK JACKETS
 (See Jackets, Pass Book)

380 PASS BOOKS
 Adams-Lessack Co., 1505 Arch, Philadelphia, Pa.
 American Bank Stationery Co., Curtain, Aiken & Hargos Sts., Baltimore, Md.
 American Bank Supply Co., 628 N. Illinois, Indianapolis, Ind.
 American Beauty Cover Co., 1902 Orange, Dallas, Tex.
 Baker Mfg. Co., Oliver, 315 First Ave. N., Minneapolis, Minn.
 Benson & Sons, Benj. D., 11 Cliff, New York, N. Y.
 Boorum & Pease Co., 84 Hudson, Brooklyn, N. Y.
 Brace & Co., H. G., 7th N. & Harrison, Seattle, Wash.
 Butth & Co., W. F., 1005 University, St. Paul, Minn.
 Cockrum Ptg. Co., J. W., Oakland City, Ind.
 Commercial Lithographing Co., 815 W. Market, Louisville, Ky.
 Continental Bank-Supply Co., Mexico, Mo.
 Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.

Dodsworth Sta. Co., Sam'l, 4010 W. 10th, Kansas City, Mo.
 Dow Co., Louis F., 2242 University Ave., St. Paul, Minn.
 Drew Co., H. & H. B., 22 W. Bay, Jacksonville, Fla.
 Economy Adv. Co., Linn & Market, Iowa City, Ia.
 Exline Co., 113 St. Clair Ave., N. E., Cleveland, O.
 Falconer Co., 414 Water, Baltimore, Md.
 Forman-Bassett Co., 1427 W. 3d, Cleveland, O.
FT. WAYNE PTC. CO., 119 Holman, Ft. Wayne, Ind.
 Hall Co., J. C., 68 W. Exchange, Providence, R. I.
 Knight Counihan Co., 32 Clay, San Francisco, Cal.
 Landis Savings Club Co., 1347 Howard, Harrisburg, Pa.
 Latsch Bros., Inc., 1118 O St., Lincoln, Neb.
 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., 60 Spring, New York, N. Y.
 Pettibone & Co., P. F., 27 N. Desplains, Chicago, Ill.
 Red Wing Adv. Co., Main & Potter, 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 29G).
 Schaefer Mfg. Co., O. E., 4189 Chippewa, St. Louis, Mo.
 Schwabacher-Frey Sta. Co., 735 Market, San Francisco, Cal.
 Seelman & Sons, Geo., 337 Seventh, Milwaukee, Wis.
 Shedd-Brown-Mfg. Co., 317 Fifth Ave., So., Minneapolis, Minn.
 Smith Ptg. Co., 225 E. 3d, Williamsport, Pa.
 Stafford-Lowdon Co., 610 W. Dagot, Ft. Worth, Tex.
 Stiteler-Lewis Mfg. Co., 515 Jackson, Dallas, Tex.
 Strayer Coin Co., New Brighton, Pa.
 Thrift Service Co., 2128 Richland Ave., Cleveland O.
 Twentieth Century Co., 538 S. Dearborn, Chicago, Ill.
 United Pass Book & Cover Co., 5600 S. Compton, St. Louis, Mo.
 United States Check Book Co., 1309 Howard, Omaha, Neb.
 Van Clief Lithographing Co., 2708 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.
 Western Lithograph Co., 600 E. 2d, Los Angeles, Cal.
 Young & Selden Co., 224 N. Calvert, Baltimore, Md.
 Zell, Inc., D. H., 536 Broadway, New York, N. Y.

381 PASTE, OFFICE
 Carter's Ink Co., 239 First, Cambridge, Mass.
 Diamond Ink Co., 3333 Galena, Milwaukee, Wis.
 Higgins & Co., Chas. M., 271 Ninth, Brooklyn, N. Y.
 Keller Ink Co., Robert, 1441 Brooklyn, Detroit, Mich.
 Kirk Ink Co., 2316 W. Harrison, Chicago, Ill.
 Sanford Mfg. Co., 846 W. Congress, Chicago, Ill.
 Scriptex Ink & Paste Co., 519 S. Second, Philadelphia, Pa.

PATENT ATTORNEYS
 (See Attorneys, Patent)

PENCIL SHARPENERS
 (See Sharpeners, Pencil)

382 PENCILS, ADVERTISING
 Advertising Specialty Co., Ryan Bldg., St. Paul, Minn.
 American Art Works, Inc., Coshocton, O.
 American Calendar Co., Inc., Greeneville, Tenn.
 Blanchard Co., 692 Benton, Aurora, Ill.
 Chicago Pencil Co., 747 E. 42d, Chicago, Ill.
 Conklin Pen Co., Factories Bldg., Toledo, Ohio
 Duplex Mfg. Co., 306 S. Franklin, Chicago, Ill.
 Erickson Co., Inc., C. E., 506 W. Third, Des Moines, Iowa
 Felsenthal & Sons, G., 1407 Hudson, Chicago, Ill.
 Ferree Co., E. H., 61 Richmond Ave., Lockport, N. Y.
 Grand Rapids Calendar Co., 906 Division, Grand Rapids, Mich.
 The Hoge Mfg. Co., 215 Fulton, New York, N. Y.
 Imprint Pencil Co., 112 Fourth Ave., New York, N. Y.
 Kohl & Co., P. J., 224 W. Huron, Chicago, Ill.
 Murphy Co., The Thos. D., Red Oak, Ia.
NORTH AMERICAN PENCIL WORKS, 126 S. Clinton, Chicago, Ill. (See our adv. on this page).
 Ozark Pencil Co., 6118 Gambleton Place, St. Louis, Mo.
 Souvenir Lead Pencil Co., 202 F. Ave., W., Cedar Rapids, Iowa.
 Stronghart Co., 2942 W. Lake, Chicago, Ill.
 Terre Haute Adv. Co., 1317 Poplar, Terre Haute, Ind.
 Texas Novelty Adv. Co., 117 S. Waco, Hillsboro, Tex.
 Thrift Builders, Inc., 214 W. Water, Milwaukee, Wis.
 Twentieth Century Co., 538 S. Dearborn, Chicago, Ill.
 Wahl Eversharp Co., 1800 Roscoe, Chicago, Ill.

383 PENCILS, AUTOMATIC
 American Lead Pencil Co., 220 Fifth, New York, N. Y.
 Autopoint Co., 4619 Ravenswood, Chicago, Ill.
 Brown & Bigelow, Quality Park, St. Paul, Minn.
 Chase Pencil Corp., 141 W. 17th, New York, N. Y.
 Conklin Pen Co., Factories Bldg., Toledo, O.
 Dub-el Servis Corp., 130 W. 42d, New York, N. Y.
 Dunn Pen Co., Inc., 71 Fifth, 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.

384 PENCILS, LEAD
 (See also Supplies)
 The Adams-Lessack Co., 1507 Arch St., Philadelphia, Pa.
 American Lead Pencil Co., 220 Fifth Ave., New York, N. Y.
 Chase Pencil Corp., 141 West 17th, New York, N. Y.
 Dixon Crucible Co., Jos., Jersey City, N. J.
 General Pencil Co., 67 Fleet, Jersey City, N. J.
 The Hoge Mfg. Co., 215 Fulton, New York, N. Y.
 Koh-I-Noor Pencil Co., Inc., 34 E. 23d, New York, N. Y.
 Merchants Publishing Co., 402 W. Main, Kalamazoo, Mich.
 Murphy Co., Thos. D., 110 S. 2d, Red Oak, Ia.
 Stiteler-Lewis Mfg. Co., 515 Jackson, Dallas, Tex.
 Thrift Builders, Inc., 214 W. Water, Milwaukee, Wis.
 Wallace Pencil Co., Handley & Bruno Ave., St. Louis, Mo.

385 PENHOLDERS
 American Calendar Co., Inc., Greeneville, Tenn.
 American Lead Pencil Co., 220 Fifth Ave., New York, N. Y.
 Blanchard Co., 692 Benton, Aurora, Ill.
 Brown & Bigelow, Quality Park, St. Paul, Minn.
 Erickson Co., Inc., C. E., Des Moines, Iowa.
 Ferree Co., E. H., 61 Richmond Ave., Lockport, N. Y.
 Imprint Pencil Co., Inc., 112 Fourth Ave., New York, N. Y.
 Koh-I-Noor Pencil Co., Inc., 34 E. 23d, New York, N. Y.
 Kohl & Co., P. J., 224 W. Huron, Chicago, Ill.
 Merchants Publishing Co., 402 W. Main, Kalamazoo, Mich.
 North American Pencil Works, 126 S. Clinton, Chicago, Ill.
 Ozark Pencil Co., 6118 Gambleton Place, St. Louis, Mo.
 Souvenir Lead Pencil Co., 202 F. Ave., W., Cedar Rapids, Iowa.
 Terre Haute Adv. Co., 1317 Poplar, Terre Haute, Ind.
 Texas Novelty Adv. Co., 117 S. Waco, Hillsboro, Tex.
 Twentieth Century Co., 538 S. Dearborn, Chicago, Ill.
 Wallace Pencil Co., Handley & Bruno Ave., St. Louis, Mo.

386 PENNANTS
 Chicago Flag & Decorating Co., 1315 S. Wabash, Chicago, Ill.
 Whitehead & Hoag, Newark, N. J.

387 PENS, FOUNTAIN
 Conklin Pen Co., Factories Bldg., Toledo, O.
 Dub-el Servis Corp., 130 W. 42d, New York, N. Y.
 Dunn Pen Co., Inc., 71 Fifth, New York, N. Y.
 Duplex Mfg. Co., 306 S. Franklin, Chicago, Ill.
 Ingersoll Dollar Pen Co., Chas. H., 545 N. Arlington Ave., E. Orange, N. J.
 Moore Pen Co., 110 Federal, Boston, Mass.
 Sengbusch Self-Closing Inkstand Co., 2218 Clybourn, Chicago, Ill.
 Sheaffer Pen Co., W. A., Ft. Madison, Iowa.
 Thrift Builders, Inc., 214 W. Water, Milwaukee, Wis.
 Utility Pen Co., 36 W. Randolph, Chicago, Ill.
 Wahl Eversharp Co., 1800 Roscoe, Chicago, Ill.
 Waterman Co., L. E., New York, N. Y.

388 PENS, STEEL (MFRS.)
 American Lead Pencil Co., 220 Fifth Ave., New York, N. Y.
 Graff-Underwood Co., 54 Washburn Ave., Cambridge, Mass.
 Eagle Pencil Co., New York, N. Y.
 Esterbrook Steel Pen Mfg. Co., Camden, N. J.
 Spencerian Pen Co., New York, N. Y.

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PERFORATORS

(See Machines, Perforating)

PERMIT MAILING MACHINES

(See Machines, Mailing Permit)

**389 PERSONAL SOLICITATION
(NEW ACCOUNTS)**

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.
Chicago Bank Service Co., 232 W. 63d, Chicago, Ill.
Jeffcott & Co., 421 Chestnut, Philadelphia, Pa.
Landis Savings Club Co., 1347 Howard, Harrisburg, Pa.
Smith & Co., T. H., 231 S. La Salle, Chicago, Ill.
Speer Rosefelt Cal. Bank Co., Inc., 123 Wisconsin Ave., Milwaukee, Wis.
Statter Bros., A. J. G., 619 Brisbane Bldg., Buffalo, N. Y.

PHOTO COPYING

(See Machines, Photo Copying)

390 PHOTOSTATS

PHOTOSTAT CORPORATION, 10 Weybosset St., Providence, R. I. (See our adv. on this page)

PICTORIAL NEWS SERVICE

(See News Service, Pictorial)

391 PINS, MAP

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

POCKET SAVINGS BANKS

(See Savings Banks, Pocket)

PORTFOLIOS

(See Leather Goods)

392 POST CARDS

Brown & Bigelow, Quality Park, St. Paul, Minn.
Butler Paper Corp., 223 W. Monroe, Chicago, Ill.
Falconer Co., 414 Water, Baltimore, Md.
Forbes Litho. Mfg. Co., P. O. Box 5130, Boston, Mass.
Gerlach-Barklow Co., Joliet, Ill.

POSTAL SCALES

(See Scales)

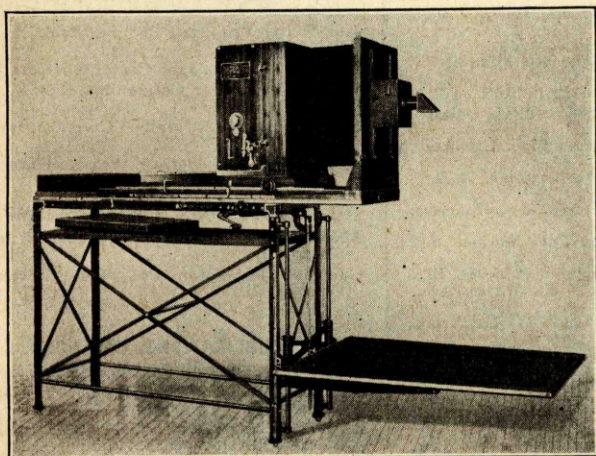
POSTERS

393

Bankers Service Corp., 19 Warren, New York, N. Y.
Bankers Thrift Corp., 2240 N. Racine, Chicago, Ill.
Blodgett Co., Harvey, University & Wheeler, St. Paul, Minn.
Chicago Thrift Co., 1100 Washington Blvd., Chicago, Ill.
The Davis Bulletin Co., Inc., 12 Lock, Buffalo, N. Y.
Dispatch Photo News Service, Inc., 207 W. 25th, New York, N. Y.
Donaldson Lithograph Co., Newport, Ky.
Elliott Service Co., 244 W. 49th, New York, N. Y.
Franklin Studios, Inc., 236 W. 55th, New York, N. Y.
Hawk, C. F., 423 Euclid Ave., Cleveland, Ohio.
Metercord Co., (The), 133 W. Washington, Chicago, Ill.
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 Onli-Wa Fixture Co., St. Paul Ave., Dayton, Ohio.
 Price & Co., Inc., Henry F., 15 E. 40th, New York,
 N. Y.
 Schmidt Lithograph Co., 461 Second, San Francisco
 Cal.
 Seiders, Inc., Seth, 155 E. Superior, Chicago, Ill.
 Smith Co., K. L., 1486 Union Tr. Bldg., Cleveland,
 Ohio.
 Sunset System, 2323 Broadway, San Antonio, Tex.
 Thiel & Co., E. C., 3731 N. Clark, Chicago, Ill.
 Willey Sign Co., 1559 Church, Detroit, Mich.

PREMIUMS

(See Novelties, also specific headings)

PRESS CLIPPINGS

(See Newspaper Clippings)

394 PRESSES, SEAL

Art Novelty Mfg. Co., 1515 W. Cullerton, Chicago,
 Ill.
 Continental Bank Supply Co., Mexico, Mo.
 Downey Co., C. L., 941 Clark, Cincinnati, Ohio.
 Matthews & Co., Jas. H., 3942 Forbes, Pittsburgh,
 Pa.
 Moise-Klinkner Co., 369 Market, San Francisco,
 Cal.

395 PRINTING

American Bank Stationery Co., Curtain, Aiken &
 Hargost Sts., Baltimore, Md.
 American Bank Supply Co., 628 N. Illinois,
 Indianapolis, Ind.
 Baker-Goodyear Co., 42 Church, New Haven,
 Conn.
BARNARD STATIONERY CO., GEO. D., 3863
La Clede Ave., St. Louis, Mo.
 Beach Ptg. Co., Will A., 235 N. Phillips Ave.,
 Sioux Falls, S. D.
 Benson & Sons, Benj. D., 11 Cliff, New York, N. Y.
 Berg, Joseph, 30 Ferry, New York, N. Y.
 Boorum & Pease Co., 84 Hudson, Brooklyn, N. Y.
 Boyeson Co., H. C., 348 Minnesota, St. Paul, Minn.
 The Brooks Co., 1241 Superior Ave., Cleveland, O.
 Brown-Blodgett Co., 1745 University Ave., St.
 Paul, Minn.
 Bushong & Co., Park & Stark, Portland, Ore.
 Buxton & Skinner Ptg. & Sta. Co., 306 N. 4th, St.
 Louis, Mo.
 Carrithers & Co., 180 N. Wells, Chicago, Ill.
 Central Banknote Co., 319 N. Albany, Chicago, Ill.
CHILDS & CO., S. D., 136 S. Clark, Chicago, Ill.
 Clarke & Courts, Galveston, Tex.
 Cockrum Ptg. Co., J. W., Oakland City, Ind.
 Columbian Bank Note Co., 500 S. Ashland,
 Chicago, Ill.
 Columbus Blank Book Mfg. Co., 311 S. High St.,
 Columbus, Ohio.
 Commercial Litho. Co., 815 W. Market, Louisville,
 Ky.
 Continental Bank Supply Co., Mexico, Mo.
 Courier-Journal Job Ptg. Co., 326 W. Liberty,
 Louisville, Ky.
 Curtis 1000 Inc., 1000 University Ave., St. Paul,
 Minn.
 Dameron-Pierson Co., Ltd., 400 Camp, New
 Orleans, La.
 Democrat Ptg. & Lithographing Co., Scott & 2d,
 Little Rock, Ark.
 Dodsworth Sta. Co., Sam'l, 410 W. 10th, Kansas
 City, Mo.
 Dorland Agency, Inc., 101 Park Ave., New York,
 N. Y.
 Doubleday Bros. & Co., 241 E. Main, Kalamazoo,
 Mich.
 Dow Co., Louis F., 2242 University Ave., St. Paul,
 Minn.
 Drew Co., H. & W. B., 22 W. Bay, Jacksonville,
 Fla.
 Falconer Co., 414 Water, Baltimore, Md.

Farnham Printing & Sta. Co., 417 Hennepin,
 Minneapolis, Minn.
 Flammger & Grahl Blank Book Co., 318 N. Third,
 St. Louis, Mo.
 Foote & Davies Co., Edgewood & Pryor, Atlanta,
 Ga.
 Forman-Bassett Co., 1427 W. 3d, Cleveland, O.
FORT WAYNE PRINTING CO., 119 Holman,
Fort Wayne, Ind.
 Gregory, Mayer & Thom Co., 41 Cadillac Square,
 Detroit, Mich.
 Griffith-Stillings Press, 368 Congress, Boston, Mass.
 Hall Co., J. C., 68 W. Exchange, Providence, R. I.
 Hall Lithographing Co., Topeka, Kan.
 Hutson & Co., C. S., 557 S. San Pedro, Los Angeles,
 Cal.
 Individualizing Co. of Ill., 1132 S. Wabash Ave.,
 Chicago, Ill.
 Irwin-Hodson Co., 115 N. 15th, Portland, Ore.
 Joplin Printing Co., Inc., 509 Joplin, Joplin, Mo.
 Klipto Loose Leaf Co., Mason, Iowa.
 Knight Counihan Co., 32 Clay, San Francisco, Cal.
 Latsch Bros., Inc., 1118 O St., Lincoln, Neb.
 Levy Printing Co., State House Square, Indian-
 apolis, Ind.
 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.
 Marshall-Jackson Co., 24 S. Clark, Chicago, Ill.
 Marshall Ptg. Co., 20 W. Main, Marshalltown, Ia.
 Miller Davis Co., 219 S. 4th, Minneapolis, Minn.
 Monroe Letterhead Corp., Monroe Bldg., Hunts-
 ville, Ala.
 Northern Bank Note Co., 2340 N. Racine Ave.,
 Chicago, Ill.
 Omaha Printing Co., 1301 Farnam, Omaha, Neb.
 Outcalt Adv. Co., 221 E. 20th, Chicago, Ill.
 Pacific Sta. & Ptg. Co., 107 Second, Portland, Ore.
 Pembroke Co., 24 E. Broadway, Salt Lake City,
 Utah.
 Pettibone & Co., P. F., 27 N. Desplaines, Chicago,
 Ill.
 Pioneer, Inc., 12th & A, Tacoma, Wash.
 Poucher Ptg. & Litho. Co., 420 S. 4th, Minneapolis,
 Minn.
 Pugh & Co., H. G., 417 Main, Little Rock, Ark.
RAND McNALLY & CO., 536 S. Clark, Chicago,
Ill.
 Reserve Litho. & Ptg. Co., Caston Bldg., Cleveland,
 Ohio.
 Reynolds & Reynolds Co., Washington & Dudley,
 Dayton, Ohio.
 Richmond & Backus Co., Woodward at Congress,
 Detroit, Mich.
 Schwabacher-Frey Sta. Co., 735 Market, San
 Francisco, Cal.
 Sebastian & Co., 224 N. Desplaines, Chicago, Ill.
 Sentinel Printing Co., 10th at Ft. Wayne Ave.,
 Indianapolis, Ind.
 Smith-Brooks Printing Co., 1733 California,
 Denver, Colo.
 Smith Co., Oscar T. & Son, 407 E. Saratoga,
 Baltimore, Md.
 Smith Ptg. Co., 225 E. 3d, Williamsport, Pa.
 Southern States Ptg. Co., Inc., Griffin, Ga.
 Stafford-Lowden Co., 610 W. Daget, Ft. Worth,
 Tex.
 Standard Bank Note Co., 351 E. Ohio, Chicago, Ill.
 Stephens Litho. & Engraving Co., 420 N. 2d, St.
 Louis, Mo.
 Stevens, Maloney & Co., 21 S. La Salle, Chicago, Ill.
 Toof & Co., S. C., 195 Madison, Memphis, Tenn.
 Union Bank Note Co., 10th & Central, Kansas
 City, Mo.
 Union Lithograph Co., Inc., 2030 E. 7th, Los
 Angeles, Cal.
 Van Clief Lithographing Co., 2708 Wabash Ave.,
 Chicago, Ill.
 Walker, Evans & Cogswell Co., 3 Broad, Charles-
 ton, S. C.
 Walker Litho. & Ptg. Co., 114 W. 4th, Dayton, O.
 Western Bank & Office Supply Co., 205 W. 1st,
 Oklahoma City, Okla.
 Western Lithograph Co., 600 E. 2d, Los Angeles,
 Cal.

PRINTING, CHECK END

(See Imprinting, Check)

396 PRINTING, FOREIGN LANGUAGE

International Printers, Inc., 2110 S. Halsted St.,
 Chicago, Ill.

397 PRINTING, GRAVURE

Art Gravure Corp., 406 W. 31st, New York, N. Y.

398 PRINTING PRESSES (SMALL)

American Multigraph Sales Co., E. 40th & Kelley
 Ave., Cleveland, O.
 Liberty Folder Co. (The), Sidney, O.
 Lisenby Mfg. Co., Kern & Angus, Fresno, Cal.

PROCESS LETTERS

(See Letters, Process)

PROTECTIVE DEVICES

(See Burglar Alarms, Hold-Up Alarms & Locks)

399 PROTECTIVE EQUIPMENT

ANAKIN LOCK & ALARM CO., 162 N. Franklin
ST., Chicago, Ill. (See our adv. on this page.)

400 PROTECTORS, CHECK

Checkometer Sales Co., 431 S. Dearborn, Chicago,
 Ill.
 Colonial Engraving Co., 137 Federal, Boston, Mass.
 Defiance Mfg. Corporation, Mitchell & Jefferson,
 Orange, N. J.
 Hall-Welter Co., Inc., 183 St. Paul, Rochester,
 B. Y.
 Hedman Mfg. Co., 1158 Center, Chicago, Ill.
 Riteall Checkwriter Corporation, 113 N. Water,
 Rochester, N. Y.
 Safe Guard Check Writer Corp., 5 Beekman,
 New York, N. Y.
 Todd Co., 1178 University Ave., Rochester, N. Y.

401 PROTECTORS, POSTAGE STAMP

AMERICAN PERFORATOR CO., 625 W. Jackson,
Chicago, Ill.
 Cummins Perforator Co., 4740 Ravenswood,
 Chicago, Ill.

402 PUBLICATIONS, FINANCIAL

(See also Magazines, Banking)

BANKERS BULLETIN, THE, 536 S. Clark St.,
Chicago, Ill.
BANKERS MONTHLY, THE, 536 S. Clark St.,
Chicago, Ill. (See our adv. on page 45G.)
 Financial Publishing Co., 9 Newbury, Boston,
 Mass.
 The Fitch Publishing Co., Inc., 138 Pearl, New
 York, N. Y.

403 PUNCHES, BOND & TICKET

Matthews & Co., Jas., 3942 Forbes, Pittsburgh,
 Pa.

404 PUNCHES, PAPER

Bates Mfg. Co., Orange, N. J.
 Love & Co., J. V., 2205 Mechanic, Galveston, Tex.

PURIFIERS, AIR

(See Air Purifiers)



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 Kemper Thomas Co., Park Ave., Norwood Sta., Cincinnati, O.
 Terre Haute Adv. Co., 1317 Poplar, Terre Haute, Ind.

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406 RACKS, CALENDAR (METAL)

Barkay Co., Inc., 24 Institute, Jamestown, N. Y.
 Bar-Trex Mfg. Co., 1813 Ave. D., Birmingham, Ala.
 Davenport-Taylor Mfg. Co., 412 Orleans, Chicago, Ill.
 Flour City Ornamental Iron Co., Minneapolis, Minn.
 Michaels Art Bronze Co., Inc., 230 Scott, Covington, Ky.
 Mount & Robertson, Inc., 62 Broad, New York, N. Y.
 Nachtgall Mfg. Co., 237 S. Front, Grand Rapids, Mich.
 Polar Mfg. Co., 123 N. 4th, Philadelphia, Pa.
 Twentieth Century Co., 538 S. Dearborn, Chicago, Ill.
 Wisconsin Iron & Wire Works, 1660 Booth, Milwaukee, Wis.

407 RACKS, CHECK

Beck Specialty Co., Box 167, Waterloo, Ia.
 Dibb Mfg. Co., Inc., 515 Third Ave., N. E., Minneapolis, Minn.

408 RACKS, DRAFT & NOTE

Art Metal Construction Co., Jamestown, N. Y.
 Beck Specialty Co., Box 167, Waterloo, Ia.
 Currier Mfg. Co., N. W. Terminal, Minneapolis, Minn.

409 RACKS, FILING

Art Metal Construction Co., Jones & Gifford, Jamestown, N. Y.
 Currier Mfg. Co., N. W. Terminal, Industries Bldg., Minneapolis, Minn.
 Weis Mfg. Co., Union, Monroe, Mich.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

410 RACKS, MAGAZINE & NEWSPAPER

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

411 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.
 Foote & Davies Co., Edgewood & Pryor, Atlanta, Ga.
 Le Febure Corp., Cedar Rapids, Iowa
 Schwabacher-Frey Sta. Co., 735 Market, San Francisco, Cal.
 Wilson-Jones Co., 3300 Franklin, Chicago, Ill.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

412 RACKS, STAMP

Brakmeier Bros., 112 S. 4th, Louisville, Ky.
 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.
 Matthews & Co., Jas. H., 3942 Forbes, Pittsburgh, Pa.
 Moise-Klinker Co., 369 Market, San Francisco, Cal.
 St. Paul Stamp Works, 74 E. 5th, St. Paul, Minn.
 Swisher Mfg. Co., The, R. D., 413 S. Clinton, Chicago, Ill.

413 RADIO BROADCASTING SETS

Graybar Electric Co., New York, N. Y.

414 RADIO MAPS

RAND McNALLY & CO. 536 S. Clark, Chicago, Ill.
 (See our adv. on page 49G.)

415 RADIO RECEIVING SETS

Atwater Kent Mfg. Co., Philadelphia, Pa.
 Crosley Mfg. Co., Cincinnati, O.
 Freshman Co., Inc., New York, N. Y.
 Grebe & Co., Inc., Richmond Hill, N. Y.
 Radio Corporation of Am., New York, N. Y.

RAILINGS
(See Fixtures)

416 RAIN GAUGES

Central Scientific Co., 460 E. Ohio, Chicago, Ill.

REBUILT MACHINES
(See Machines, Rebuilt)

417 RECEPTACLES, WASTE

Economy Baler Co., Ann Arbor, Mich.

RECORD SYSTEMS, STOCK
(See Systems, Stock Record)

418 RECORDERS, TIME

See also Stamps, Time)

Cincinnati Time Recorder Co., 1733 Central, Cincinnati, O.
 Follet Time Recording Co., 217 High, Newark, N. J.
 Howard Clock Co., E., 373 Washington, Boston, Mass.
 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.
 Matthews & Co., Jas. H., 3942 Forbes, Pittsburgh, Pa.

419 RECORDS, DICTAPHONE

Dictaphone Sales Corp., 154 Nassau, New York, N. Y.

RECORDS, VISIBLE
(See Visible Records)

420 REFLECTORS

Curtis Lighting, Inc., 1119 W. Jackson, Chicago, Ill.
 Faries Mfg. Co., Decatur, Ill.
 Frink Co., Inc., I. P., 239 Tenth Ave., New York, N. Y.
 Guth Co., Edwin F., 2615 Washington, St. Louis, Mo.
 Reflectolyte Co., 914 Pine, St. Louis, Mo.
 Viking Products Corp., 422 W. 42d, New York, N. Y.

421 REGISTERS, AUTOGRAPHIC

American Sales Book Co., Ltd., Elmira, N. Y.
 Autographic Register Co., 1000 Clinton, Hoboken, N. J.
 Egry Register Co., 417 E. Monument Ave., Dayton, Ohio
 Hamilton Autographic Register Co., Hamilton, O.
 National Cash Register Co., Dayton, O.
 Standard Register Co., Dayton, O.

422 REGISTERS, BANK

Boorum & Pease Co., 84 Hudson, Brooklyn, N. Y.
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 Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 Dameron-Pierson Co., Ltd., 400 Camp, New Orleans, La.
 Foote & Davies Co., Edgewood & Pryor, Atlanta, Ga.
 Flammger & Grahl Blank Book Co., 318 N. Third, St. Louis, Mo.
 Irving-Pitt Mfg. Co., 816 Locust, Kansas City, Mo.
 Le Febure Corp., Cedar Rapids, Iowa.
 Mann Co., Wm., 529 Market, Philadelphia, Pa.
 Moore Corp., John C., 65 Stone, Rochester, N. Y.
 Pettibone & Co., P. F., 27 N. Desplaines, Chicago, Ill.
 Reynolds & Reynolds Co., Washington & Dudley, Dayton, O.
RICHMOND & BACKUS CO., Woodward at Congress, Detroit, Mich.
 Smith Printing Co., 225 E. 3d, Williamsport, Pa.
 Tallman-Robbins & Co., 314 W. Superior, Chicago, Ill.
 Wilson-Jones Co., 3300 Franklin Blvd., Chicago, Ill.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

423 REGISTERS, CASH

Flammger & Grahl Blank Book Co., 318 N. Third, St. Louis, Mo.
 National Cash Register Co., Dayton, O.
 Remington Rand Business Service, Inc., 374 Broadway, New York, N. Y.

424 REGISTERS, DISCOUNT
(See Registers, Bank)

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

425 REGISTERS, MORTGAGE
(See Registers, Bank)

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

426 REGISTERS, NOTE & LOAN

Hamilton Autographic Register Co., 802 Symmes Ave., Hamilton, O.
 Richmond & Backus Co., Woodward at Congress, Detroit, Mich.
 Standard Register Co., Dayton, O.
 Union Savings Systems Co., 131 N. Duke, Lancaster, Pa.

427 REINFORCING, VAULT

Rivet-Grip Steel Company, The, 2404 Prospect Ave., Cleveland, O.
 York Safe & Lock Co., York, Pa.

REST ROOM EQUIPMENT
(See Equipment, Rest Room)

428 REVOLVERS

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 Wks., Fitchburg, Mass.
 Smith & Wesson, Stockbridge, Springfield, Mass.

429 RIBBONS, TYPEWRITER

American Manifold Products Corp., 2900 Darwin Terrace, Chicago, Ill.
 American Writing Machine Co., 449 Central Ave., Chicago, Ill.
 Becker & Co., 220 Devonshire, Boston, Mass.
 C. Benninghofen & Sons, Hamilton, O.
 Buckeye Ribbon & Carbon Co., 1466 E. 55th, Cleveland, O.
 Carter's Ink Co., 239 First, Cambridge, Mass.
 Crown Ribbon & Carbon Mfg. Co., 782 St. Paul, Rochester, N. Y.
 Ditto, Inc., 125 W. Austin Ave., Chicago, Ill.
 Miller-Bryant-Pierce Co., 189 S. River, Aurora, Ill.
 Office Equipment Co., 911 Locust, Des Moines, Ia.
 Webster Co., Inc., F. S., 332 Congress, Boston, Mass.

430 ROAD MAPS

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

431 ROLLS, ADDING MACHINE

American Manifold Products Corp., 2900 Darwin Terrace, Chicago, Ill.
 American Sales Book Co., Ltd., Elmira, N. Y.
 Union Paper & Twine Co., 116 St. Clair Ave., N. W. Cleveland, O.
 Wisconsin Paper & Products Co., 145 Broadway, Milwaukee, Wis.
 Young & Selden Co., 224 N. Calvert, Baltimore, Md.
 Zellerbach Paper Co., 534 Battery, San Francisco, Cal.

RUBBER BANDS
(See Supplies, Bank & Office)

RUBBER STAMPS
(See Stamps, Rubber)

RULED FORMS
(See Forms, Bank)

432 RULERS, ADVERTISING

Advertising Specialty Co., 609 Ryan Bldg., St. Paul, Minn.
 American Art Works, Inc., Coshocton, O.
 Colson Co., U. O., Paris, Ill.
 Erickson Co., Inc., C. E., 506 W. 3d, Des Moines, Iowa
 Grand Rapids Calendar Co., 806 S. Division, Grand Rapids, Mich.
 Kohl & Co., P. J., 224 W. Huron, Chicago, Ill.
 Merchants Publishing Co., 402 W. Main, Kalamazoo, Mich.
 Parisian Novelty Co., 3510 S. Western Ave., Chicago, Ill.
 Shaw Advertising Co., 520 Produce Exch. Bldg., Kansas City, Mo.
 Terre Haute Adv. Co., 1317 Poplar, Terre Haute, Ind.

S**433 SAFE DEPOSIT RECORDS**

Aeme Card System Co., 116 S. Michigan, Chicago, Ill.
 Autographic Register Co., 1000 Clinton, Hoboken, N. J.
 Hamilton Autographic Register Co., Hamilton, O.
 Remington Rand Business Service, Inc., 374 Broadway, New York, N. Y.

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

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

434 SAFES, FILING

Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Baumann Safe Co., John, 408 N. 4th, St. Louis, Mo.
 Berger Mfg. Co., 1038 Belden Ave., Canton, O.
 Browne-Morse Co., Muskegon, Mich.
 Cary Safe Co., 1200 Niagara, Buffalo, N. Y.
 Columbia Steel Equipment Co., 1735 Chestnut, Philadelphia, Pa.
 Diebold Safe & Lock Co., 818 Mulberry Rd., S. E., 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.
 Koch Brothers, Grand Ave. at 4th, Des Moines, Ia.
 Lowman & Hanford Co., 1514 Third Ave., Seattle, Wash.
 The Joplin Printing Co., Inc., 509 Joplin, Joplin, Mo.
 Macey Co., 1520 Division Ave., S., Grand Rapids, Mich.
 Marshall Jackson Co., 24 S. Clark, Chicago, Ill.
 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.
 Northwestern Furniture Co., 271 W. Water, Milwaukee, Wis.
 Shaw-Walker Co., Muskegon, Mich.
 Steel Equipment Corp., Avenel, N. J.
 Van Dorn Iron Works Co., 2685 E. 79th, Cleveland, Ohio.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

435 SAFES, FIRE & BURGLAR PROOF**ANAKIN LOCK & ALARM CO., 162 N. Franklin St., Chicago, Ill.** (See our adv. on this page.)

Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Becker Co., John C., 41 E. Wells, Milwaukee, Wis.
 Cary Safe Co., 1200 Niagara, Buffalo, N. Y.
 Collins Safe & Fixture Co., W. D., 513 W. Main, Denison, Tex.
 Diebold Safe & Lock Co., 818 Mulberry Rd., S. E., Canton, Ohio.
 Edwards Co., Inc., O. M., Solar & Plum, Syracuse, N. Y.
 General Fireproofing Co., Youngstown, Ohio.
 Gross-Feibel Co., Fair & Elm, Hillsboro, Ohio.
 Hall's Safe Co., 3253 Spring Grove Ave., Cincinnati, Ohio.
HERRING-HALL-MARVIN SAFE CO., Grand Blvd., Hamilton, Ohio.
 Koch Brothers, Grand Ave. at 4th, Des Moines, Ia.
 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.
 Van Dorn Iron Works Co., 268 E. 79th, Cleveland, Ohio.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.
 York Safe & Lock Co., York, Pa.

SAFES, HOME

(See Savings Banks, Home & Pocket)

436 SAFES, MANGANESE STEEL


Cary Safe Co., 1200 Niagara, Buffalo, N. Y.
 Diebold Safe & Lock Co., 818 Mulberry Rd., S. E., Canton, Ohio.
 Hall's Safe Co., 3253 Spring Grove Ave., Cincinnati, Ohio.
 Herring-Hall-Marvin Safe Co., Grand Blvd., Hamilton, Ohio.
 Mosler Safe Co., Hamilton, Ohio.
 National Safe & Lock Co., E. 69th and Quincy, Wash.
 Norris Safe & Lock Co., 114 Third Ave., S., Seattle, Wash.
 Van Dorn Iron Works Co., 2685 E. 79th, Cleveland, Ohio.
 York Safe & Lock Co., York, Pa.

437 SAFES, NIGHT DEPOSITORY**BANK VAULT INSPECTION CO., 1824 Ludlow St., Philadelphia, Pa.** (See our adv. on this page.)**McCLINTOCK CO., O. B., 135 Lyndale Ave. N., Minneapolis, Minn.****438 SAFES, USED**

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

439 SAFES, WALL


Diebold Safe & Lock Co., 818 Mulberry Rd., S. E., Canton, Ohio.
 Hall's Safe Co., 3253 Spring Grove Ave., Cincinnati, Ohio.
 Meilink Steel Safe Co., Toledo, Ohio.
 York Safe & Lock Co., York, Pa.



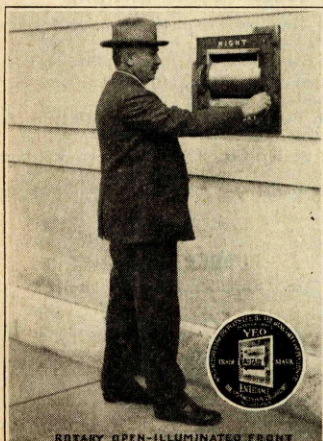
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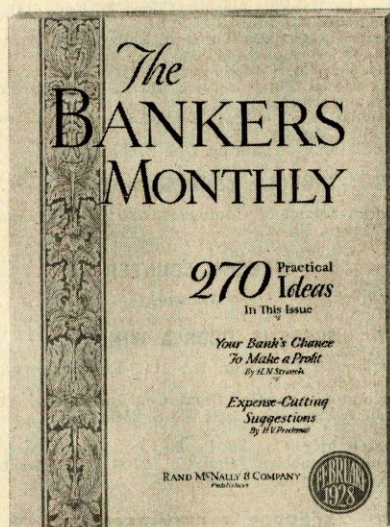
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- Personnel administration
- The operating function
- Loan administration
- Expense analysis
- The organization structure
- Business development
- Production analysis
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(See Paper, Safety)

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 Bankers Savings & Credit System Co., 10302 Madison Ave., Cleveland, Ohio.
 Bankers Service Corp., 19 Warren, New York, N.Y.
 Bankers Thrift Book Co., 529 S. 7th, Minneapolis, Minn.
 Bankers Thrift Corp., 2240 N. Racine, Chicago, Ill.
THE BANKETTE COMPANY, INC., Bankers Bldg., 73 Water St., Boston, Mass. (See our adv. on this page.)
 Chicago Thrift Co., 1100 Washington Blvd., Chicago, Ill.
 Continental Bank-Supply Co., Mexico, Mo.
DURABLE TOY & NOVELTY CORP., 869 Broadway, New York, N. Y. (See our adv. on opposite page.)
 Hochswender Co., B. H., 711 Penn. Ave., Pittsburgh, Pa.
 Martin Co. (The Frank), Marshall Bldg., Cleveland, O.
 Miller Bank Service, 5775 Ridge, Chicago, Ill.
 Moreland Business Builders, Inc., 1018 S. Wabash Ave., Chicago, Ill.
NATIONAL BANK SUPPLY CO., INC., 60 Spring, New York, N. Y. (See our adv. on opposite page.)
 Nutry, John, 85 Adams, Brooklyn, N. Y.
 Philadelphia Badge Co., 942 Market, Philadelphia, Pa.
 Parisian Novelty Co., 3510 S. Western Ave., Chicago, Ill.
 Rehberger Co., A. C., 3656 Lincoln Ave., Chicago, Ill.
REHBERGER MFG. CO., 1217 Webster Ave., Chicago, Ill. (See our adv. on this page.)
RICHMOND & BACKUS CO., Woodward at Congress, Detroit, Mich. (See our adv. on page 29G.)
 Speer Rosefelt Calendar Bank Co., Inc., 123 Wisconsin Ave., Milwaukee, Wis.
 Steel Products Corp. of Cal., 268 First, San Francisco, Cal.
 Stronghart Co., 2942 W. Lake, Chicago, Ill.
THRIFT BUILDERS, INC., 214 W. Water, Milwaukee, Wis. (See our adv. on opposite page.)
 Thrift Service Co., 2128 Richland Ave., Cleveland, Ohio
 Triple Metals Corp., 107 N. Wacker Drive, Chicago, Ill.
 Twentieth Century Co., 538 S. Dearborn, Chicago, Ill.
WHITE BRASS CASTINGS CO., 1649 W. Grand, Chicago, Ill. (See our adv. on opposite page.)

441 SAVINGS BANKS, POCKET

American Art Works, Coshocton, O.
 Andraesen & Sons, H. N., 928 N. Richmond, Chicago, Ill.
 Automatic Recording Safe Co., 159 N. State, Chicago, Ill.
 Bankers Thrift Book Co., 529 S. 7th, Minneapolis, Minn.
BANKETTE COMPANY, INC., Bankers Bldg., 73 Water, Boston, Mass.
 Chicago Thrift Co., 934 W. Madison, Chicago, Ill.
 Cruver Mfg. Co., 2456 Jackson, Chicago, Ill.
 Felsenthal & Sons, G., 1407 Hudson, Chicago, Ill.
 Hockswender Co., B. H., 711 Penn. Ave., Pittsburgh, Pa.
 Martin Co. (The Frank), Marshall Bldg., Cleveland, O.
 Martine Co., Inc., A. R., 1 Wall, New York, N. Y.
 Miller Bank Service, 5775 Ridge, Chicago, Ill.
 National Bank Supply Co., 60 Spring, New York, N. Y.
 Nutry, John, 85 Adams, Brooklyn, N. Y.
 Parisian Novelty Co., 3510 S. Western Ave., Chicago, Ill.
 Stronghart Co., 2942 W. Lake, Chicago, Ill.
 Thrift Service Co., 2128 Richland Ave., Cleveland, O.

442 SAVINGS BANKS (SPECIAL DESIGN)

Moreland Business Builders, Inc., 1018 S. Wabash Ave., Chicago, Ill.
 Rehberger Co., A. C., 3656 Lincoln Ave., Chicago, Ill.
REHBERGER MFG. CO., 1217 Webster Ave., Chicago, Ill. (See our adv. on this page.)

SAVINGS DEPT. FORMS

(See Forms, Bank)

443 SAVINGS SYSTEMS

(See specific headings: Christmas Savings, Industrial Savings, School Savings, etc.)
 Landis Savings Club Co., Harrisburg, Pa.
 National Adv. Corp., Merch.-Laclede Bldg., St. Louis, Mo.
 Thrift Builders, Inc., 214 W. Water, Milwaukee, Wis.
WARD. D. E., 111 W. Monroe, Chicago, Ill.

444 SCALES (PARCEL POST, POSTAL, ETC.)

Hanson Bros. Scale Co., 525 N. Ada, Chicago, Ill.
 International Business Machines Corporation
 50 Broad, New York, N. Y.
 Triner Sales Co., 53 W. Jackson Blvd., Chicago, Ill.

445 SCHOOL SAVINGS

American Banking Machine Corp., 207 Eddy Bldg., Saginaw, Mich.
 Bankers Automatic Thrift Machine, 1301 H St., N. W., Washington, D. C.
 B. R. Co., 332 S. Michigan Ave., Chicago, Ill.
 Educational Thrift Service, Inc., 233 Broadway, New York, N. Y.
 National Adv. Corp., Merch.-Laclede Bldg., St. Louis, Mo.
 Thrift, Inc., 154 Marion, Oak Park, Ill.

446 SCHOOLS, CORRESPONDENCE

Walton School of Commerce, 225 N. Michigan, Chicago, Ill.

SCREENS, COUNTER

(See Grillwork)

447 SCREENS, DOOR & WINDOW

Buerkers & Co., John H., 2117 Elmwood Ave., Detroit, Mich.
 Burlington Venetian Blind Co., Burlington, Vt.
 Circle A Products Corp., 613 S. 25th, New Castle, Ind.
 Watson Mfg. Co., 63 Taylor, Jamestown, N. Y.
 Western Venetian Blind Co., 2700 Long Beach Ave., Los Angeles, Cal.

448 SCREENS, SAFETY DEPOSIT

American Fixture Co., 16th & Bellefontaine, Kansas City, Mo.
AMERICAN IRON & WIRE WORKS, 1622 Carroll, Chicago, Ill.
 Buerkers & Co., John H., 2117 Elmwood Ave., Detroit, Mich.
 Chicago Architectural Bronze Co., 4740 N. Clark, Chicago, Ill.
 Coleman, Adelbert E., 336 W. 37th, Chicago, Ill.
 Flour City Ornamental Iron Co., Minneapolis, Minn.
 Michaels Art Bronze Co., Inc., 230 Scott, Covington, Ky.
 Nachtgall Mfg. Co., 237 S. Front, Grand Rapids, Mich.
 Portland Wire & Iron Works, 294 Second, Portland, Ore.
 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)

449 SEALING DEVICES, ENVELOPE

Ancira Lock & Seal Corporation, 366 Madison Ave., New York, N. Y.
 Postage Meter Co., Stamford, Conn.

450 SEALS

American Seal & Stamp Co., 120 S. Clark, Chicago, Ill.
 Ancira Lock & Seal Corporation, 366 Madison Ave., New York, N. Y.
 Atlanta Rubber Stamp & Stencil Works, 76 N. Forsyth, Atlanta, Ga.
 Case Seal Co., 145 N. Clark, Chicago, Ill.
 Continental Bank-Supply Co., Mexico, Mo.
 Cooke Co., J. P., 1111 Farnam, Omaha, Neb.
 Darling Co., J. C., 734 Kansas Ave., Topeka, Kan.
 Forbes Lithograph Mfg. Co., P. O. Box 5130, Boston, Mass.
 Love & Co., J. V., 2205 Mechanic, Galveston, Tex.
 Martin & Co., 227 W. Madison, Chicago, Ill.
 Matthews & Co., Jas. H., 3942 Forbes, Pittsburgh, Pa.
 Melind Co., Louis, 362 W. Chicago, Chicago, Ill.
 Nobler Stamp & Seal Co., Inc., 524 S. Dearborn, Chicago, Ill.
 Northwestern Stamp Works, 110 E. Third, St. Paul, Minn.
 Pacific Rubber Stamp Co., 918 S. Main, Los Angeles, Cal.
 Sachs-Lawlor Co., 1543 Larimer, Denver, Colo.
 Safford Stamp Works, 205 W. Madison, Chicago, Ill.
 St. Louis Sticker Co., 1627 Washington, St. Louis, Mo.
 St. Paul Stamp Works, 74 E. 5th, St. Paul, Minn.
 Swisher Mfg. Co., R. D., 411 S. Clinton, Chicago, Ill.
 Tablet & Ticket Co., 1015 W. Adams, Chicago, Ill.
 Union Paper & Twine Co., 116 St. Clair Ave., N. W., Cleveland, O.

451 SEALS, COIN BAG

ABBOTT COIN COUNTER CO., 143d & Wales Ave., New York, N. Y.
DOWNEY CO., C. L., 941 Clark, Cincinnati, O.
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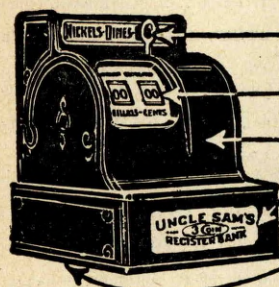


Our new vest-pocket Book Bank—weighs only 2½ ounces. Handsome and of highest quality—in 4 different colors. Priced low enough to give away. Fits a lady's hand-bag as neatly as a vanity case.

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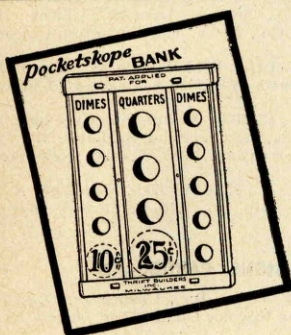
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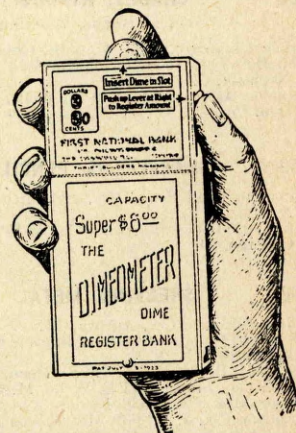
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Bonsib, Inc., 701 First N. Bk. Bldg., Ft. Wayne, Ind.
 Donaldson Lithograph Co., Newport, Ky.
 The Caples Co., 452 Lexington Ave., New York, N. Y.
 Henri, Hurst & McDonald, 58 E. Washington, Chicago, Ill.
 Smith, Inc., McCurdy, 70 Fifth Ave., New York, N. Y.
 Reeves Adv. Co., 1924 Linwood Ave., Toledo, O.

453 SERVICE, BOND ISSUE

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

454 SERVICE, LEGAL

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

455 SERVICE, STATISTICAL

Babson Statistical Organization, Wellesley Hills, Mass.
 Indexers, The, 310 S. Michigan Blvd., Chicago, Ill.
 Kiplinger Washington Agency, 412 Albee Bldg., Washington, D. C.
 Lefax, Inc., 9th & Sansom, Philadelphia, Pa.
 Moody's Investors Service, 35 Massau, New York, N. Y.

456 SERVICE, TAX

Arnold, Morin & Co., 140 S. Dearborn, Chicago, Ill.
 Burt & Co., Edward R., 149 Broadway, New York, N. Y.
 Clabaugh & Co., Wm., 1319 F St., N. W., Washington, D. C.
 Foulke Tax Service, 505 Chestnut, Philadelphia, Pa.
 Gregerson Bros., Oma. Natl. Bk. Bldg., Omaha, Neb.
 Lafrentz & Co., F. W., 100 Broadway, New York, N. Y.
 Preston & Co., Chas. H., 610 Plymouth Bldg., Minneapolis, Minn.
 Wilson & Co., Douglas, Ford Bldg., Great Falls, Mont.
 Waters, Horace, 32 N. Dearborn, Chicago, Ill.

457 SERVICE, U. S., TREASURY

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

458 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.
 Wilson Corp., J. G., 11 E. 36th, New York, N. Y.

459 SHARPENERS, PENCIL

American Lead Pencil Co., 220 Fifth, New York, N. Y.
 Automatic Pencil Sharpener Co., 58 E. Washington, Chicago, Ill.

460 SHELVING, METAL

All-Steel-Equip. Co., Aurora, Ill.
 Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Art Metal Products Co., 514 S. Green, Chicago, Ill.
 Becker Co., John C., 41 E. Wells, Milwaukee, Wis.
 Berger Mfg. Co., 1038 Belden Ave., Canton, O.
 Davidson Co., J. L., 632 Mateo, Los Angeles, Cal.
 General Fireproofing Co., Youngstown, O.
 Globe-Wernicke Co., Carthage Ave., Cincinnati, O.

HART & HUTCHINSON CO., New Britain, Conn.
 Lupton's Sons Co., David, Allegheny Ave. & Tulip, Philadelphia, Pa.
 Lyon Metallic Mfg. Co., Aurora, Ill.
 Medart Mfg. Co., Fred, 3535 De Kalb, St. Louis, Mo.
 Steep Equipment Corp., Avenel, N. J.
 Steel Fixture Mfg. Co., E. 7th & Adams, Topeka, Kan.
 Terrell's Equipment Co., Grand Rapids, Mich.
 Van Dorn Iron Works Co., 2685 E. 79th, Cleveland, Chicago, Ill.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

SIGNALING SYSTEMS

(See Systems, Signaling)

SIGNATURE SIGNING MACHINES

(See Machines, Signature Signing)

461 SIGNS, ADVERTISING

American Art Works, Inc., Coshocton, O.
 American Signs Corp., Willard & Cooley, Kalamazoo, Mich.
 Bankers Savings & Credit System Co., 10302 Madison Ave., Cleveland, O.
 Bauder-Baker, 225 N. Michigan Ave., Chicago, Ill.
 Chicago Rainbow Light Co., Inc., 9 W. Illinois, Chicago, Ill.
 Donaldson Art Sign Co., 2125 Donaldson Ave., Covington, Ky.
ENAMELED STEEL SIGN CO., 320 N. Water St., Chicago, Ill. (See our adv. on this page.)
 Federal Electric Co., 8700 S. State, Chicago, Ill.
 Ferndon Mfg. Co., Aurora, Ill.
 Flexlume Corp., 100 Military Rd., Buffalo, N. Y.
 The Fogarty Mfg. Co., 800 Monument Ave., Dayton, O.
 The Follis Adv. Service, W. E., 159 N. State, Chicago, Ill.
 General Outdoor Advertising Co., Inc., 1 Park Ave., New York, N. Y.
 Gritt & Ragsdale Co., Indianapolis, Ind.
 Kemper Thomas Co., Park Ave., Norwood Sta., Cincinnati, O.
 Lummus Bankers Service, Julian (not inc.), Hendersonville, N. C.
 National Adv. Displays, 1560 Broadway, New York, N. Y.
 National Adv. Service, Inc., La Grange, Ind.
NATIONAL SERVICE BUREAU OF NEW YORK, INC., 80 John, New York, N. Y.
 North American Service Co., 105 W. Monroe Chicago.
 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.
 Rawson & Evans Co., 710 Washington Blvd., Chicago, Ill.
 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.

462 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.
 Atlanta Rubber Stamp & Stencil Works, 76 N. Forsyth, Atlanta, Ga.
 Baker & Co., Edward J., 10 S. La Salle, Chicago, Ill.
 Baldwin Brass Works, 411 S. Clinton, Chicago, Ill.
 Bankers Thrift Corp., 2240 N. Racine, Chicago, Ill.
 Barkay Co., Inc., 24 Institute, Jamestown, N. Y.
 Brakmeier Bros., 112 S. 4th, Louisville, Ky.
 Brilliant Co., 3531 Washington, St. Louis, Mo.

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

ENAMELED STEEL SIGN CO., 320 N. Water Chicago, Ill.

Ferndon Mfg. Co., Aurora, Ill.
 Flour City Ornamental Iron Co., Minneapolis, Minn.
 Force & Co., Inc., Wm. A., 105 Worth, New York, N. Y.
 Georgia Show Case Co., Montgomery, Ala.
 Harsch Bronze & Fdry. Co., John, 11612 Madison, Cleveland, O.
 Imperial Brass Mfg. Co., 1200 Harrison St., Chicago, Ill.
 Matthews & Co., Jas. H., 3942 Forbes, Pittsburgh, Pa.
 Mayer Co., Geo. J., 36 S. Meridian, Indianapolis, Ind.
 Merchants Publishing Co., 402 W. Main, Kalamazoo, Mich.
 Michaels Art Bronze Co., Inc., 230 Scott, Covington, Ky.
 Miller Bank Service, 5775 Ridge Ave., Chicago, Ill.
 Moss & Co., Inc., Henry, 113 5th, Brooklyn, N. Y.
NATIONAL ART WORKS, INC., 710 Greer Ave., Covington, Ky.
 Nelke, L. D., 45 E. 17th, New York, N. Y.
 Newman Mfg. Co., 416 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., 412 Orleans, 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.
 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 Harrisburg Blvd., Houston, Tex.
 Southern Stamp & Stencil Co., 48½ N. Forsyth, Atlanta, Ga.
 Steere & Sons, Geo., 434 S. Dearborn, Chicago, Ill.
 Stronghart Co., 2942 W. Lake St., Chicago, Ill.
 Swisher Mfg. Co., R. D., 411 S. Clinton, Chicago, Ill.
 Tablet & Ticket Co., 1015 W. Adams, Chicago, Ill.
 Twentieth Century Co., 538 S. Dearborn, Chicago, Ill.
 Tyler Co., W. S., 36th & Superior, Cleveland, O.
 Usona Mfg. Co., 315 Chouteau, St. Louis, Mo.
 Viking Products Corp., 422 W. 42d, New York, N. Y.
 Williams, Inc., Jno., 556 W. 27th, New York, N. Y.
 Wood-Detroit Mfg. Co., 170 E. Larned, Detroit, Mich.

463 SIGNS, CARDBOARD

American Art Works, Inc., Coshocton, O.
 Common Sense Novelty Co., 2403 N. Oakley Ave., Chicago, Ill.
 Ferndon Mfg. Co., Aurora, Ill.
 Merchants Publishing Co., 402 W. Main, Kalamazoo, Mich.
 Shaw Advertising Co., 520 Produce Exch. Bldg., Kansas City, Mo.
 Western Lithograph Co., 600 E. 2d, Los Angeles, Cal.

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464 SIGNS, CHANGEABLE

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Bankers Educational Bureau, 2326 Clybourn, Milwaukee, Wis.
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.
Hamilton & Cord Co., 4753 Broadway, Chicago, Ill.
Matthews & Co., Jas. H., 3942 Forbse, Pittsburgh, Pa.
Peoples Mfg. Co., 564 W. Randolph, Chicago, Ill.
Philadelphia Enameling Works, 254 N. 13th, Philadelphia, Pa.
Rawson & Evans Co., 710 Washington Blvd., Chicago, Ill.
Standard Slide Corp., 209 W. 48th, New York, N. Y.
Tablet & Ticket Co., 1015 W. Adams, Chicago, Ill.
Twentieth Century Co., 538 S. Dearborn, Chicago, Ill.
Van Leer Products Corp., 254 W. 31st, New York, N. Y.
Wisconsin Iron & Wire Works, 1660 Booth, Milwaukee, Wis.

465 SIGNS, DESK

Art In Bronze Co., Inc., 1621 E. 41st, Cleveland, O.
Chicago Architectural Bronze Co., 4740 N. Clark, Chicago, Ill.
Chicago Thrift Co., 1100 Washington Ave., Chicago, Ill.
Clark Mfg. Co., R. W., 1772 Wilson, Chicago, Ill.
Davenport-Taylor Mfg. Co., 412 Orleans, Chicago, Ill.
Flour City Ornamental Iron Co., Minneapolis, Minn.
Follis Adv. Service, W. E., 159 N. State, Chicago, Ill.
Hamilton & Cord Co., 4753 Broadway, Chicago, Ill.
Imperial Brass Mfg. Co., 1200 W. Harrison, Chicago, Ill.
Matthews & Co., Jas. H., 3942 Forbes, Pittsburgh, Pa.
Michaels Art Bronze Co., Inc., Covington, Ky.
Miller Bank Service, 5775 Ridge, Chicago, Ill.
Price Bros., 412 Orleans, Chicago, Ill.
St. Paul Stamp Works, 74 E. 5th, St. Paul, Minn.
Shipley Adv. Co., 8 E. Chestnut, Columbus, Ohio.
Southern Brass Mfg. & Plating Co., 6614 Harrisburg Blvd., Houston, Tex.
Stronghart Co., 2942 W. Lake, Chicago, Ill.
Swisher Mfg. Co., R. D., 411 S. Clinton, Chicago, Ill.
Tablet & Ticket Co., 1015 W. Adams, Chicago, Ill.
Twentieth Century Co., 538 S. Dearborn, Chicago, Ill.
Viking Products Corp., 422 W. 42d, New York, N. Y.
Williams, Inc., John, 556 W. 27th, New York, N. Y.
Wood-Detroit Mfg. Co., 170 E. Larned, Detroit, Mich.

466 SIGNS, ELECTRIC

Al Fresco Advertising Co., 900 S. Grand, St. Louis, Mo.
American Signs Corp., Willard & Cooley, Kalamazoo, Mich.
Bankers Educational Bureau, 2326 Clybourn, Milwaukee, Wis.
Brilliant Co., 3531 Washington, St. Louis, Mo.
Chicago Rainbow Light, Inc., 9 W. Illinois, Chicago, Ill.
Davenport-Taylor Mfg. Co., 412 Orleans, Chicago, Ill.
Dobie & Co., A. L., 523 N. Halsted, Chicago, Ill.
Federal Electric Co., 8700 S. State, Chicago, Ill.
Flexlume Corp., 100 Military Rd., Buffalo, N. Y.
Frink Co., Inc., I. P., 239 Tenth Ave., New York, N. Y.
General Outdoor Advertising Co., Inc., 1 Park Ave., New York, N. Y.
Gritt, Ragsdale & Co., Indianapolis, Ind.
Lummas Bankers Service, Julian (not inc.), Hendersonville, N. C.
Metercord Co., (The), 133 W. Washington, Chicago, Ill.
National Adv. Displays, 1560 Broadway, New York, N. Y.
Onli-Wa-Fixture Co., St. Paul Ave., Dayton, Ohio.
Philadelphia Enameling Works, 254 N. 13th, Philadelphia, Pa.
Rawson & Evans Co., 710 Washington Blvd., 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.

Twentieth Century Co., 538 S. Dearborn, Chicago, Ill.
Van Leer Products Corp., 254 W. 31st, New York, N. Y.
Viking Products Corp., 422 W. 42d, New York, N. Y.
Wiley Sign Co., 1559 Church, Detroit, Mich.

467 SIGNS, GLASS

Brilliant Co., 3531 Washington, St. Louis, Mo.
Brink, C. I., 24 Gold, So. Boston, Mass.
Ferndon Mfg. Co., Aurora, Ill.
Rawson & Evans Co., 710 Washington Blvd., Chicago, Ill.
Steere & Son, Geo., 434 S. Dearborn, Chicago, Ill.
Twentieth Century Co., 538 S. Dearborn, Chicago, Ill.

468 SIGNS, PORCELAIN ENAMELED

Advertising Art Bulletin, 320 N. Water, Chicago, Ill.
American Signs Corp., Willard & Cooley, Kalamazoo, Mich.
Brilliant Co., 3531 Washington, St. Louis, Mo.
ENAMELED STEEL SIGN CO., 320 N. Water, Chicago, Ill.
Nelke, L. D., 45 E. 17th, New York, N. Y.
Steere, George, 434 S. Dearborn, Chicago, Ill.

469 SIGNS, ROAD

Al Fresco Advertising Co., 900 S. Grand, St. Louis, Mo.
American Signs Corp., Willard & Cooley, Kalamazoo, Mich.
Coshocton Specialty Co., Coshocton, Ohio.
ENAMELED STEEL SIGN CO., 320 N. Water, Chicago, Ill.
General Outdoor Advertising Co., Inc., 1 Park Ave., New York, N. Y.

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.
Sunset System, 2323 Broadway, San Antonio, Tex.

470 SIGNS, WIRE

Wisconsin Iron & Wire Works, 1660 Booth, Milwaukee, Wis.

471 SLATES

Clow & Sons, Jas. B., 201 N. Talman Ave., Chicago, Ill.

472 SLIDES, LANTERN (MOTION PICTURE, ETC.)

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

SOAP DISPENSERS

(See Dispensers, Soap)

473 SOAPS, LIQUID

Gerson-Stewart Corp., 3528 E. 76th, Cleveland, O.
Hoekwald Chemical Co., 436 Bryant, San Francisco, Cal.
Selig Co., 336 Marietta, Atlanta, Ga.

474 SOLICITATION, NEW ACCOUNT

(See Personal Solicitation)

Smith & Co., T. H., 231 S. La Salle, Chicago, Ill.
Speer Rosefelt Calendar Bank Co., 123 Wisconsin Ave., Milwaukee, Ave.
Statter Bros., A. J. G., 619 Brisbane Bldg., Buffalo, N. Y.

SORTERS, COIN

(See Machines, Coin Sorting)



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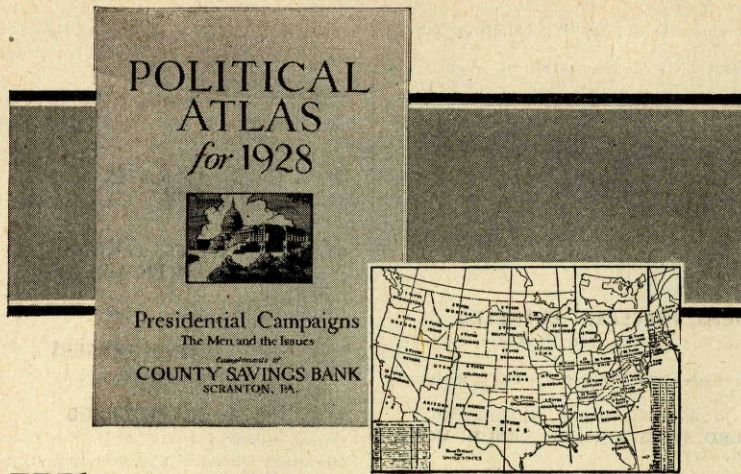
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270 Madison Avenue, New York

559 Mission Street, San Francisco

SOUND DEADENERS

(See Absorbers, Sound)

SOUVENIRS, ADVERTISING

(See Specialties and Novelties)

475 SPECIALTIES, ADVERTISING

Aderaft Mfg. Co., 2448 W. 22d, Chicago, Ill.
Advertising Golf Ball Corp., 1775 Broadway, New York, N. Y.
Advertising Novelty Co., 420 S. Winchester Ave., Chicago, Ill.
AMERICAN ART WORKS, Inc., Coshoton, O.
American Beauty Cover Co., 1902 Orange, Dallas, Tex.
American Calendar Co., Inc., Greeneville, Tenn.
The Augustine Co., Grand Island, Neb.
Baker Mfg. Co., Oliver, 315 First Ave., N., Minneapolis, Minn.
Baumgarth Co., John, 1219 W. Washington Blvd., Chicago, Ill.
Blanchard Co., 692 Benton, Aurora, Ill.
Broderick Co., 460 Robert, St. Paul, Minn.
Brown & Bigelow, Quality Park, St. Paul, Minn.
Buckeye Leather Co., Chestnut, Coshoton, O.
Carroll Co., J. B., 319 N. Albany, Chicago, Ill.

Childs & Co., S. D., 136 S. Clark, Chicago, Ill.
Colson Co., U. O., Paris, Ill.
Cruver Mfg. Co., 2456 W. Jackson, Chicago, Ill.
Dow Co., Louis F., 2242 University Ave., St. Paul, Minn.
Erickson Co., Inc., C. E., 506 W. 3d, Des Moines, Iowa.
Felsenthal & Sons, G., 1407 Hudson, Chicago, Ill.
Ferree Co., E. H., 61 Richmond Ave., Lockport, N. Y.
Fine Art Novelty Co., 1609 W. 64th, Chicago, Ill.
The Fogarty Mfg. Co., 800 Monument Ave., Dayton, O.
Follis Adv. Service, W. E., 159 N. State, Chicago, Ill.
Grand Rapids Calendar Co., 906 S. Division, Grand Rapids, Mich.
Kemper Thomas Co., Park Ave., Norwood Sta., Cincinnati, O.
Kenyon Co., Inc., 303 Grand Ave., Des Moines, Iowa.
Leather Products Co., 201 South, Iola, Kans.
Martin Co. (The Frank), Marshall Bldg., Cleveland, O.
Matthews & Co., Jas. H., 3942 Forbes, Pittsburgh, Pa.
Mayer Mfg. Corp., 1436 Randolph, Chicago, Ill.
Meeker Co., Inc. 3d & Michigan, Joplin, Mo.
Mergott Co., J. E., 316 Jelleff Ave., Newark, N. J.
National Art Works, Inc., 710 Greer Ave., Covington, Ky.

National Bank Supply Co., 60 Spring, New York, N. Y.
Osborne Co., 759 Summer Ave., Newark, N. J.
Parisian Novelty Co., 3510 S. Western Ave., Chicago, Ill.
RAND McNALLY & CO., 536 S. Clark, Chicago, Ill.
Red Wing Adv. Co., Main & Potter, Red Wing, Minn.
Rehberger Mfg. Co., 1217 Webster Ave., Chicago, Ill.
Robbins Co., The, Attleboro, Mass.
Shaw Advertising Co., 520 Produce Exch. Bldg., Kansas City, Mo.
Shedd-Brown Mfg. Co., 317 Fifth Ave. So., Minneapolis, Minn.
Southard Calender & Ptg. Co., The., 240 N. 3d, Columbus, O.
Spangler Mfg. Co., 160 N. Wells, Chicago, Ill.
Stanwood-Hillson Corp., The, 14 High, Brookline, Mass.
Statter Bros., A. J. G., 619 Brisbane Bldg., Buffalo, N. Y.
Strayer Coin Bag Co., New Brighton, Pa.
Stronghart Co., 2942 W. Lake, Chicago, Ill.
Terre Haute Adv. Co., 1317 Poplar, Terre Haute, Ind.
Texas Novelty Adv. Co., 117 S. Waco, Hillsboro, Tex.
Twentieth Century Co., 538 S. Dearborn, Chicago, Ill.
Von Senden Co., Inc., Arthur, 316 Fourth Ave., Pittsburgh, Pa.
Weinman Bros., 421 S. Wells, Chicago, Ill.

SPECIALTIES, CELLULOID

(See Novelties, Celluloid)

SPECIALTIES, LEATHER

(See also Novelties, Leather)

476 SPECIALTIES, MAP

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

SPECIALTIES, METAL

(See Novelties, Metal)

477 STAMP AFFIXERS

(See also Machines, Mailing, Permit)

Bircher Co., Inc., 192 Mill, Rochester, N. Y.
Colonial Engraving Co., 137 Federal, Boston, Mass.
Multi-post Co., 51 Centre Park, Rochester, N. Y.
Postage Meter Co., 723 Pacific, Stamford, Conn.
Standard Mailing Machines Co., Everett, Mass.

478 STAMP CONTAINERS

Polar Mfg. Co., 123 N. 4th, Philadelphia, Pa.

479 STAMPS, DATING

Acme Stamp Co., 1100 Prospect Ave., Cleveland, Ohio.
Ajax Time Stamp Co., 81 Washington St., Boston, Mass.
American Seal & Stamp Co., 120 S. Clark, Chicago, Ill.
American Numbering Machine Co., 220 Shepherd, Brooklyn, N. Y.
Cooke Co., J. P., 1111 Farnam, Omaha, Neb.
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.
Love & Co., J. V., 2205 Mechanic, Galveston, Tex.
Matthews & Co., Jas. H., 3942 Forbes, Pittsburgh, Pa.
Moise-Klinker Co., 369 Market, San Francisco, Cal.
Nobler Stamp & Seal Co., Inc., 524 S. Dearborn, Chicago, Ill.
Sachs-Lawlor Co., Inc., 1543 Larimer, Denver, Colo.
St. Paul Stamp Works, 74 E. 5th, St. Paul, Minn.
Swisher Mfg. Co., R. D., 411 S. Clinton, Chicago, Ill.

480 STAMPS, ENDORSEMENT

(See Stamps, Rubber)

Acme Stamp Co., 1100 Prospect Ave., Cleveland, O.
Swisher Mfg. Co., R. D., 411 S. Clinton, Chicago, Ill.

481 STAMPS, INDEXED

Medearis Moulding Co., 524 N. Liberty, Winston-Salem, N. C.
Swisher Mfg. Co., R. D., 413 S. Clinton, Chicago, Ill.

482 STAMPS, RUBBER

Acme Stamp Co., 1100 Prospect, Cleveland, O.
 American Seal & Stamp Co., 120 S. Clark, Chicago, Ill.
 Atlanta Rubber Stamp & Stencil Works, 76 N. Forsyth, Atlanta, Ga.
 Brakmeier Bros., 112 S. 4th, Louisville, Ky.
 Cargill Co., Capitol, Brazos & Rusk, Houston, Tex.
 Cooke Co., J. P., 1111 Farnam, Omaha, Neb.
 Doroing 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.
 Irwin-Hodson Co., 115 N. 15th, Portland, Ore.
 Love & Co., J. V., 2205 Mechanic, Galveston, Tex.
 Matthews & Co., Jas. H., 3942 Forbes, Pittsburgh, Pa.
 Mayer Co., Geo. J., 36 S. Meridian, Indianapolis, Ind.
 Medearis Moulding Co., 524 N. Liberty, Winston-Salem, N. C.
 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.
 Northwestern Stamp Works, 110 E. Third, St. Paul, Minn.
 Pacific Rubber Stamp Co., 918 S. Main, Los Angeles, Cal.
 Sachs-Lawler Co., Inc., 1543 Larimer, Denver, Colo.
 Safford Stamp Works, 205 W. Madison, Chicago, Ill.
 Salisbury-Schulz Co., P. A., 181 N. Wells, Chicago, Ill.
 St. Paul Stamp Works, 74 E. 5th, St. Paul, Minn.
 Southern Stamp & Stencil Co., 48½ N. Forsyth, Atlanta, Ga.
 Strayer Coin Bag Co., New Brighton, Pa.
 Swisher Mfg. Co., R. D., 411 S. Clinton, Chicago, Ill.
 Taylor Bros. Co., 706 Superior, N. W., Cleveland, O.

483 STAMPS, SAVINGS

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

484 STAMPS, STENCIL

Multistamp Co., Norfolk, Va.

485 STAMPS, TIME

Ajax Time Stamp Co., 81 Washington St., Boston, Mass.
 American Seal & Stamp Co., 120 S. Clark, Chicago, Ill.
 Atlanta Rubber Stamp & Stencil Works, 76 N. Forsyth, Atlanta, Ga.
 Automatic Time Stamp Co., 160 Congress, Boston, Mass.
 Cincinnati Time Recorder Co., 1733 Central Ave., Cincinnati, Ohio.
 Colonial Engraving Co., 137 Federal, Boston, Mass.
 Commercial Utilities Mfg. Co., 147 Waverly Pl., New York, N. Y.
 Colonial Engraving Co., 137 Federal, Boston, Mass.
 Follett Time Recording Co., 217 High, Newark, N. J.
 Joslin Mfg. Co., A. D., 123 Arthur, Manistee, Mich.
 Kastens, Henry, 418 W. 27th, New York, N. Y.
 Matthews & Co., Jas. H., 3942 Forbes, Pittsburgh, Pa.
 Melind Co., Louis, 362 W. Chicago, Chicago, Ill.
 Swisher Mfg. Co., R. D., 411 S. Clinton, Chicago, Ill.
 Thompson Time Stamp Co., Inc., 240 W. 23d, New York, N. Y.

486 STANDS, ADDING MACHINE

Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Flour City Ornamental Iron Co., Minneapolis, Minn.
 Metal Office Furniture Co., Grand Rapids, Mich.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

487 STANDS, MECHANICAL POSTING

Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Egly Register Co., 417 E. Monument Ave., Dayton Ohio.
 Flour City Ornamental Iron Co., Minneapolis, Minn.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

488 STANDS, TYPEWRITER

Adjustable Table Co., 55 Mt. Vernon Ave., Grand Rapids, Mich.
 Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Auto Parts Mfg. Co., 1915 W. Fort, Detroit, Mich.
 Hoosier Desk Co., 202 Mill, Jasper, Ind.
 Searles Electric Welding Works, 817 Washington, Chicago, Ill.
 Tiffany Adjustable Stand Co., 3300 N. Broadway, St. Louis, Mo.
 Toledo Metal Furniture Co., 1100 Hastings, Toledo, Ohio.

489 STAPLES

Bates Mfg. Co., Orange, N. J.
 Compo Corp., & Sale Co., Westport, Conn.

STAPLING MACHINES

(See Machines, Stapling)

STATEMENT BLANKS

(See Forms, Bank)

490 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.
 Moore Corp., John C., 65 Stone, Rochester, N. Y.

491 STATIONERS

Allen-Marshall Co., Ivan, 40 Marietta, Atlanta, Ga.
 American Bank Stationery Co., Curtain, Aiken & Hargost Sta., Baltimore, Md.
 American Bank Supply Co., 628 N. Illinois, Indianapolis, Ind.
 American Calendar Co., Inc., Greenville, Tenn.
 Atlas Stationery Corporation, 109 Leonard, New York, N. Y.
 Baker-Goodyear Co., 42 Church, New Haven, Conn.
BARNARD STA. CO., GEO. D., 3863 La Clede Ave., St. Louis, Mo. (See our adv. on Missouri Index.)
 Beach Ptg. Co., Will A., 235 N. Phillips Ave., Sioux Falls, S. D.
 Benson & Sons, Benj. D., 11 Cliff, New York, N. Y.
 Berg, Joseph, 30 Ferry, New York, N. Y.
 Blackwell-Wielandy Book & Stationery Co., 1601 Locust, St. Louis, Mo.
 Boorum & Pease Co., 84 Hudson, Brooklyn, N. Y.
 Boyeson Co., H. C., 348 Minnesota, St. Paul, Minn.
 Brown-Blodgett Co., 1745 University Ave., St. Paul, Minn.
 Buchan-White Loose Leaf Co., 1906 Pine, St. Louis, Mo.
 Bushong & Co., Park & Stark, Portland, Ore.
 Butler-Paper Corp., 223 W. Monroe, Chicago, Ill.
 Buxton & Skinner Ptg. & Sta. Co., 306 N. 4th, St. Louis, Mo.
 Cargill Co., Capitol, Brazos and Rusk, Houston, Tex.
 Carrithers & Co., 108 N. Wells, Chicago, Ill.
 Chemical Paper Mfg. Co., Jackson, Holyoke, Mass.
CHILDS & CO., S. D., 136 S. Clark, Chicago, Ill. (See our adv. on this page.)
 Clarke & Courts, Galveston, Tex.
 Cohite Wyckoff Mfg. Co., Holyoke, Mass.
 Columbus Bank Note Co., 40 E. Spring, Columbus, Ohio.
 Columbus Blank Book Mfg. Co., 311 S. High, Columbus, O.
 Conway Co., H. H., 725 S. Wells, Chicago, Ill.

Courier-Journal Job Ptg. Co., 326 W. Liberty, Louisville, Ky.
 Crane & Co., Inc., Dalton, Mass.
 Currier Mfg. Co., N. W. Terminal Industries Bldg., Minneapolis, Minn.
 Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 Dameron-Pierson Co., Ltd., 400 Camp, New Orleans, La.
 Democrat Ptg. & Lithographing Co., Scott & 2d, Little Rock, Ark.
 Dodsworth Sta. Co., Sam'l, 410 W. 10th, Kansas City, Mo.
 Doubleday Bros. & Co., 241 E. Main, Kalamazoo, Mich.
 Dow Co., Louis F., 2242 University Ave., St. Paul, Minn.
 Drew Co., H. & W. B., 22 W. Bay, Jacksonville, Fla.
 Egly Register Co., 417 E. Monument Ave., Dayton, Ohio.
 Esleek Mfg. Co., Turners Falls, Mass.
 Falconer Co., 414 Water, Baltimore, Md.
 Farnham Ptg. & Sta. Co., 417 Hennepin Ave., Minneapolis, Minn.
 Foote & Davies Co., Edgewood & Pryor, Atlanta, Ga.
 Forbes Litho. Mfg. Co., P. O. Box 5130, Boston, Mass.
 Forman-Bassett Co., 1427 W. 3d, Cleveland, O.
FT. WAYNE PTG. CO., 119 Holman, Ft. Wayne, Ind.
 Gast Bank Note Co., 4189 Chippewa, St. Louis, Mo.
 Globe Wernicke Co., Cincinnati, Ohio
 Gregory, Mayer & Thom Co., 41 Cadillac Square, Detroit, Mich.
 Hall Lithographing Co., Topeka, Kan.
 Hampshire Paper Co., So. Hadley Falls, Mass.
 Horder's, Inc., 236 W. Lake, Chicago, Ill.
 Hutson & Co., C. S., 557 S. San Pedro, Los Angeles, Cal.
 Iowa Lithographing Co., 515 Twenty-eighth, Des Moines, Iowa.
 Irwin-Hodson Co., 115 N. 15th, Portland, Ore.
 Joplin Printing Co., Inc., 509 Joplin, Joplin, Mo.
 Klipto Loose Leaf Co., Mason, Ia.
 Knight Counihan Co., 32 Clay, San Francisco, Cal.
 Koch Brothers, Grand Ave. at 4th, Des Moines, Ia.
 Latsch Bros., Inc., 1118 O St., Lincoln, Neb.
 Levey Ptg. Co., State House Square, Indianapolis, Ind.
 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.
 Marshall-Jackson Co., 24 S. Clark, Chicago, Ill.
 McNamara Office Supply Co., 507 Locust, Des Moines, Iowa.
 Northern Bank Note Co., 2340 N. Racine Ave., Chicago, Ill.
 Office Efficiency Distributors Co., 200 Davis, San Francisco, Cal.
 Omaha Printing Co., 1301 Farnam, Omaha, Neb.
 Pacific Sta. & Ptg. Co., 107 Second, Portland, Ore.
 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.
 Pfening & Snyder, Inc., 515 Commerce Bldg., Columbus, Ohio
 Pioneer, Inc., 12th & A., Tacoma, Wash.
 Poucher Ptg. & Litho. Co., 320 S. 4th, Minneapolis, Minn.
 Pressteel Engineering Corp., 342 Madison Ave., New York, N. Y.
 Pugh & Co., H. G., 417 Main, Little Rock, Ark.
 Return Address Co., 4401 Germantown Ave., Philadelphia, Pa.
 Reynolds & Reynolds Co., Washington & Dudley, Dayton, Ohio.
 Richmond & Backus Co., Woodward at Congress, Detroit, Mich.
 Schwabacher-Frey Sta. Co., 735 Market, San Francisco, Cal.
 Sebastian & Co., 224 N. Desplaines, Chicago, Ill.
 Smith Co., Oscar T., & Son, 408-11 E. Saratoga, Baltimore, Md.
 Smith-Brooks Ptg. Co., 1733 California, Denver, Colo.

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

STATIONERS—CONTINUED

Smith Ptg. Co., 225 E. 3d, Williamsport, Pa.
 Southworth Co., Mittleague, Mass.
 Stafford-Lowdon Co., 610 W. Daget, Ft. Worth, Tex.
 Stephens Litho. & Engraving Co., 420 N. 2d, St. Louis, Mo.
 Stevens, Maloney & Co., 21 S. La Salle, Chicago, Ill.
 Stuart-Hooper Co., 4007 Michigan, Chicago, Ill.
 Todd Co., 1178 University Ave., Rochester, N. Y.
 Toof & Co., S. C., Memphis, Tenn.
 Union Bank Note Co., 10th & Central, Kansas City, Mo.
 Union Lithograph Co., Inc., 2030 E. 7th, Los Angeles, Cal.
 Union Paper & Twine Co., 116 St. Clair Ave., N. W., Cleveland, Ohio.
 Walker, Evans & Cogswell Co., 3 Broad, Charleston, S. C.
 Western Bank & Office Supply Co., 205 W. 1st, Oklahoma City, Okla.
 Western Lithograph Co., 600 E. 2d, Los Angeles, Cal.
 Wroe & Co., W. E., 22 W. Monroe, Chicago, Ill.
 Young & Selden Co., 224 N. Calvert, Baltimore, Md.
 Zion Institutions & Industries, Office Supply Dept., Zion, Ill.

492 STATIONERY, FAN-FOLD

Autographi Register Co., 1000 Clinton, Hoboken, N. J.
 Hamilton Autographic Register Co., Hamilton, O.

STATISTICAL SERVICE

(See Service, Statistical)

STEEL SAFES, MANGANESE**493 STENCILS**

Arlac Dry Stencil Corp., 424 Fourth Ave., Pittsburgh, Pa.
 Cooke Co., J. P., 1111 Farnam, Omaha, Neb.
 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.
 Matthews & Co., Jas. H., 3942 Forbes, Pittsburgh, Pa.
 Melind Co., Louis, 362 W. Chicago, Chicago, Cal.
 Moise-Klinkern Co., 369 Market, San Francisco, Cal.
 Northwestern Stamp Works, 110 E. Third, St. Paul, Minn.
 Pacific Rubber Stamp Co., 918 S. Main, Los Angeles, Cal.
 Sachs-Lawlor Co., 1543 Larimer, Denver, Colo.
 Salisbury-Schulz Co., P. A., 181 N. Wells, Chicago, Ill.
 St. Paul Stamp Works, 74 E. 5th, St. Paul, Minn.
 Swisher Mfg. Co., R. D., 411 S. Clinton, Chicago, Ill.

STENCILS, ADDRESSING MACHINES

(See Machines, Addressing)

STEPS, VAULT

(See Equipment, Vault)

494 STEREOPTICONS

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

495 STICKERS

Gaylord Bros., Inc., 155 Gifford, Syracuse, N. Y.
 Miller Bank Service, 5775 Ridge, Chicago, Ill.
 Shuman Co., Frank G., 216 N. Clinton, Chicago, Ill.
 St. Louis Sticker Co., 1627 Washington, St. Louis, Mo.
 Tablet & Ticket Co., 1015 W. Adams, Chicago, Ill.

STOCK RECORD SYSTEMS

(See Systems, Stock Record)

STOP-PAYMENT CHECK LISTS

(See Check Lists, Stop-Payment)

496 STORAGE EQUIPMENT

(See Equipment, Storage; also Cabinets, Storage)
BANKERS BOX CO., 536 S. Clark, Chicago, Ill.
 Sebastian & Co., 224 N. Desplaines, Chicago, Ill.

497 STRAPS, BINDING

Package Binder Co., (The), 316 Fourth Ave., Pittsburgh, Pa.
 Security Envelope Co., 2900 Fifth Ave., S., Minneapolis, Minn.

498 STRAPS, CURRENCY

ABBOTT COIN COUNTER CO., 143d & Wales, New York, N. Y. (See our adv. on page 25G.)
 American Bindery Corp., 1310 Maple, Detroit, Mich.
 Bankers Printing Co., 836 Montgomery, San Francisco, Cal.

Currier Mfg. Co., 1003 Central Ave., Minneapolis, Minn.
 Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 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.
 Gaylord Bros., Inc., 155 Gifford, Syracuse, N. Y.
 Package Binder Co., (The), 316 Fourth Ave., Pittsburgh, Pa.
 Reyburn Mfg. Co., 32d & Allegheny, Philadelphia, Pa.
 Richmond & Backus Co., Woodward at Congress, Detroit, Mich.
 Spurgin Mfg. Co., 7011 Vincennes, Chicago, Ill.
STANDARD-JOHNSON CO., INC., 371 Pacific, Brooklyn, N. Y.
 Strayer Coin Co., New Brighton, Pa.
 Youmans Coin Wrapper Co., 422 Main, Cincinnati, Ohio.
 Zimmerman & Murry, 107 W. Penn, Whittier, Cal.
 Zimmerman Bros. & Co., 4020 Michigan, Chicago, Ill.

STREET CAR ADVERTISING

(See Advertising, Street Car)

499 SUPPLIES, ADDING MACHINE

(See also specific headings)

Add-Index Corporation, 678 Front, Grand Rapids, Mich.
 American Manifold Products Corp., 2900 Darwin Terrace, Chicago, Ill.
 Crown Ribbon & Carbon Mfg. Co., 782 St. Paul, Rochester, N. Y.
 Union Paper & Twine Co., 116 St. Clair Ave. N. W., Cleveland, Ohio.

SUPPLIES, ADDRESSING MACHINE

(See Machines, Addressing and specific headings)

500 SUPPLIES, BANK & OFFICE

Accounting Appliance Co., 231 S. La Salle, Chicago, Ill.
 Adams-Lessack Co., 1507 Arch St., Philadelphia, Pa.
 Albemarle Paper Mfg. Co., Richmond, Va.
 Allen-Marshall Co., Ivan, 40 Marietta, Atlanta, Ga.
 Aluminum Index Co., River Rd. & Russell Ave., Edgewater, N. J.
 American Bank Supply Co., 628 N. Illinois, Indianapolis, Ind.
 American Clip Co., Beebe Ave. & William, Long Island City, N. Y.
 American Lead Pencil Co., 220 Fifth Ave., New York, N. Y.
 Bankers Coat Co., 752 Broadway, New York, N. Y.
 Bankers Ptg. Co., 836 Montgomery, San Francisco, Cal.
 Bank Supply Co., 8 East Chestnut, Columbus, O.
BARNARD STA. CO., GEO. D., 3863 La Clede Ave., St. Louis, Mo.
 Becker & Co., 220 Devonshire, Boston, Mass.
 Beck Specialty Co., Box 167, Waterloo, Iowa.
 Boorum & Pease Co., 84 Hudson, Brooklyn, N. Y.
 Brooks Co., 1241 Superior Ave., Cleveland, Ohio.
 Brown-Blodgett Co., 1745 University Ave., St. Paul, Minn.
 Buchan-White Loose Leaf Co., 1906 Pine, St. Louis, Mo.
 Buxton & Skinner Ptg. & Sta. Co., 306 N. 4th, St. Louis, Mo.
 Carrithers & Co., 108 N. Wells, Chicago, Ill.
 Columbus Blank Book Mfg. Co., 311 S. High, Columbus, Ohio.
 Continental Bank Supply Co., Mexico, Mo.
 Cooke & Cobb Co., 213 Steuben, Brooklyn, N. Y.
 Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 Dameron-Pierson Co., Ltd., 400 Camp, New Orleans, La.
 Defiance Sales Corp., 72 Spring, New York, N. Y.
 Doubleday Bros. & Co., 241 E. Main, Kalamazoo, Mich.
 Dow Co., Louis F., 2242 University Ave., St. Paul, Minn.
 Drew Co., H. & W. B., 22 W. Bay, Jacksonville, Fla.
 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.
 Forman-Bassett Co., 1427 W. 3d, Cleveland, Ohio.
FT. WAYNE Ptg. CO., 119 Holman, Ft. Wayne, Ind.
 Gaylord Bros., Inc., 155 Gifford, Syracuse, N. Y.
 General Pencil Co., 67 Fleet, Jersey City, N. J.
 Graff-Underwood Co., 54 Washburne Ave., Cambridge, Mass.
 Gregory, Mayer & Thom, Co., 41 Cadillac Square, Detroit, Mich.
 Hall Lithographing Co., Topeka, Kan.
 Handy-Roll Co., 2 Prince's Court, Oakland, Cal.
 Hoge Mfg. Co., 215 Fulton, New York, N. Y.
 Holder's, Inc., 236 W. Lake, Chicago, Ill.
 Irwin-Hodson Co., 115 N. 15th, Portland, Ore.
 Isaac Bros., 425 Wall, Los Angeles, Cal.
 Joplin Ptg. Co., Inc., 509 Joplin, Joplin, Mo.

Kamross & Sons, H., 110 W. 17th, New York, N. Y.
 Klipto Loose Leaf Co., Mason, Iowa.
 Knight & Counihan Co., 32 Clay, San Francisco, Cal.
 Koch Brothers, Grand Ave. at Fourth, Des Moines, Iowa.
 Latsch Bros., Inc., 1118 O St., Lincoln, Neb.
 Levey Printing Co., State House Square, Indianapolis, Ind.
 Lexington Desk Co., Inc., 157 E. 44th, New York, N. Y.
 Lowman & Hanford Co., 1513 Third Ave., Seattle, Wash.
 Mann Co., Wm., 529 Market, Philadelphia, Pa.
 McNamara Office Supply Co., 507 Locust, Des Moines, Iowa.
 Miller-Davis Co., 219 S. 4th, Minneapolis, Minn.
 Mysell-Rollins Bank Note Co., 32 Clay, San Francisco, Cal.
 New Martinsville Glass Mfg. Co., New Martinsville, W. Va.
 Office Efficiency Distributors Co., 200 Davis, San Francisco, Cal.
 Omaha Printing Co., 1301 Farnam, Omaha, Neb.
 Pembroke Co., 24 E. Broadway, Salt Lake City, Utah.
 Pioneer, Inc., 12th & A, Tacoma, Wash.
 Poucher Ptg. & Litho. Co., 320 S. 4th, Minneapolis, Minn.
 Pugh & Co., H. G., 417 Main, Little Rock, Ark.
RICHMOND & BACKUS CO., THE, Woodward at Congress, Detroit, Mich.
 Robinson Mfg. Co., 171 Elm, Westfield, Mass.
 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.
 Sentinel Ptg. Co., 10th at Ft. Wayne Ave., Indianapolis, Ind.
 Shipley Advertising Co., 8 E. Chestnut, Columbus, Ohio.
 Smith Co., Oscar T. & Son, 407 E. Saratoga, Baltimore, Md.
 Sneath Glass Co., Hartford City, Ind.
 Southern States Ptg. Co., Inc., Griffin, Ga.
 Steel Equipment Corp., Avenel, N. J.
 Stephens Litho. & Engraving Co., 420 N. 2d, St. Louis, Mo.
 Stevens, Maloney & Co., 21 S. LaSalle, Chicago, Ill.
 Stow & Davis Furniture Co., 70 S. Front, Grand Rapids, Mich.
 Strayer Coin Bag Co., New Brighton, Pa.
 Stuart-Hooper Co., 4007 Michigan Ave., Chicago, Ill.
 Swisher Mfg. Co., R. D., 411 S. Clinton, Chicago, Ill.
 Thrift Builders, Inc., 214 W. Water, Milwaukee, Wis.
 Union Lithograph Co., Inc., 2030 E. 7th, Los Angeles, Cal.
 Union Paper & Twine Co., 116 St. Clair Ave., N. W., Cleveland, Ohio.
 United States Check Book Co., 1309 Howard, Omaha, Neb.
 Walker, Evans & Cogswell Co., 3 Broad, Charleston, S. C.
 Wallace Pencil Co., Handley & Bruno Ave., St. Louis, Mo.
 Weis Mfg. Co., Union, Monroe, Mich.
 West Co., M. G., 117 Front, San Francisco, Cal.
 Western Bank Supply Co., Oklahoma City, Okla.
 Wrenn Paper Co., Middletown, Ohio.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.
 Young & Selden Co., 224 N. Calvert, Baltimore, Md.
 Zimmerman Bros. & Co., 4020 Michigan, Chicago, Ill.
 Zion Institutions & Industries, Office Supply Dept., Zion, Ill.

SUPPLIES, CHRISTMAS CLUB

(See Christmas Savings)

501 SUPPLIES, ELECTRICAL

Andrae & Sons Co., Julius, Broadway & E. Michigan, Milwaukee, Wis.
 Federal Electric Co., 8700 S. State, Chicago, Ill.
 General Electric Co., Bridgeport, Conn.
 Stanley & Patterson Co., West & Hubert, New York, N. Y.
 Westinghouse Electric & Mfg. Co., East Pittsburgh, Pa.

502 SUPPLIES, FILING

Aeme Card System Co., 116 S. Michigan, Chicago, Ill.
 Amberg File & Index Co., 1400 Fulton, Chicago, Ill.
 Automatic File & Index Co., S. Broadway, Green Bay, Wis.
BANKERS BOX CO., 536 S. Clark, Chicago, Ill.
 Bushnell Co., Alvah, 13th & Wood, Philadelphia, Pa.
 Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 Dameron-Pierson Co., Ltd., 400 Camp, New Orleans, La.
 General Fireproofing Co., Youngstown, Ohio.
 Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Invincible Metal Furniture Co., 824 Twenty-sixth, Manitowoc, Wis.
 Knight & Counihan Co., 32 Clay, San Francisco, Cal.
 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.
 Remington Rand Business Service, Inc., 374 Broadway, New York N. Y.
 Shaw-Walker Co., Muskegon, Mich.
 Strayer Coin Bag Co., New Brighton, Pa.

SUPPLIES, FILING—CONTINUED

Wabash Cabinet Co., Wabash, Ind.
 Wagemaker Co., 566 Market, S. W., Grand Rapids, Mich.
 Weis Mfg. Co., Union, Monroe, Mich.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.
 Zion Institutions & Industries, Office Supply Dept., Zion, Ill.

503 SUPPLIES, FILING, CARD

Acme Card System Co., 116 N. Michigan, Chicago, Ill.
 Automatic File & Index Co., South Broadway Green Bay, Wis.
 Remington Rand Business Service, Inc., 374 Broadway, New York, N. Y.
 Wabash Cabinet Co., Wabash, Ind.
 Wagemaker Co., 566 Market, S. W., Grand Rapids, Mich.
 Weis Mfg. Co., Union, Monroe, Mich.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

504 SUPPLIES, JANITORS'

Selig Co., 336 Marietta, Atlanta, Ga.

505 SUPPLIES, LOOSE LEAF

Allen-Marshall Co., Ivan, 40 Marietta, Atlanta, Ga.
 Baker-Goodyear Co., 42 Church, New Haven, Conn.
 Benson & Sons, Inc., Benj. D., 11 Cliff, New York, N. Y.
 Boorum & Pease Co., 84 Hudson, Brooklyn, N. Y.
 Buchan-White Loose Leaf Co., 1906 Pine, St. Louis, Mo.
 Cockrum Ptg. Co., J. W., Oakland City, Ind.
 Commercial Lithographing Co., 815 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 Ptg. Co., 119 Holman, Ft. Wayne, Ind.
 Hall Lithographing Co., Topeka, Kan.
 Horder's, Inc., 236 W. Lake, Chicago, Ill.
 Irving-Pitt Mfg. Co., 816 Locust, Kansas City, Mo.
 Isaac Brothers, 425 Wall, Los Angeles, Cal.
 The Joplin Printing Co., Inc., 509 Koplín, Joplin, Mo.
 Le Febure Corp., Cedar Rapids, Iowa
 Lloyd Co., W. G., 6265 S. Clark, Chicago, Ill.
 Lowman & Hanford Co., 1514 Third Ave., Seattle, Wash.
 Mann Co., Wm., 529 Market, Philadelphia, Pa.
 Marshall Ptg. Co., 20 W. Main, Marshalltown, Ia.
 Moore Corp., John C., 65 Stone, Rochester, N. Y.
 Omaha Printing Co., 1301 Farnam, Omaha, Neb.
 Pembroke Co., 24 E. Broadway, Salt Lake City, Utah.
 Pocher Ptg. & Litho. Co., 320 S. 4th, Minneapolis, Minn.
 Proudfit Loose Leaf Co., 10 Logan St. S. W., Grand Rapids, 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., Griffin, Ga.
 Stationers Loose Leaf Co., 342 Broadway, Milwaukee, Wis.
 Tallman Robbins & Co., 314 W. Superior, Chicago, Ill.
 United States Check Book Co., 1309 Howard, Omaha, Neb.
 Wilson-Jones Co., 3300 Franklin, Chicago, Ill.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

506 SUPPLIES, MACHINE BOOKKEEPING

Accounting Devices Co., 564 W. Monroe, Chicago, Ill.
 Cockrum Ptg. Co., J. W., Oakland City, Ind.
 Curtis 1000, Inc., 1000 University Ave., St. Paul, Minn.
 Ft. Wayne Ptg. Co., 119 Holman, Ft. Wayne, Ind.
 Horder's Inc., 236 W. Lake, Chicago, Ill.
 Irving-Pitt Mfg. Co., 816 Locust, Kansas City, Mo.
 Le Febure Corp., Cedar Rapids, Iowa.
 Lloyd Co., W. G., 626 S. Clark, Chicago, Ill.
 McDonald Ledger & Loose Leaf Co., 1809 Summerdale, Chicago, Ill.
 Mann Co., Wm., 329 Market, Philadelphia, Pa.
 National Blank Book Co., Riverside, Holyoke, Mass.
 Omaha Printing Co., 1301 Farnam, Omaha, Neb.
 Pettibone & Co., P. F., 27 N. Desplaines, Chicago, Ill.
 Poucher Ptg. & Litho. Co., 320 S. 4th, Minneapolis, Minn.
 Proudfit Loose Leaf Co., 10 Logan St., N. W., Grand Rapids, Mich.
 Richmond & Backus Co., Woodward at Congress, Detroit, Mich.
 Schwacher-Free Sta. Co., 735 Market, San Francisco, Cal.
 Shaw-Walker Co., Muskegon, Mich.
 Sheppard Co., C. E., Van Alst & 14th, Long Island, N. Y.
 Smith Co., Oscar T., & Son, 407 E. Saratoga, Baltimore, Md.
 Southern States Ptg. Co., Inc., The, Griffin, Ga.
 Stationers Loose Leaf Co., 342 Broadway, Milwaukee, Wis.
 Wilson-Jones Co., Chicago, Ill.
 Workman Mfg. Co., 1200 W. Monroe, Chicago, Ill.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

507 SUPPLIES, PHOTO COPYING MACHINE

Anseo Photoproducts, Inc., 29 Charles, Binghamton, N. Y.
 Gennert Inc., G., 24 E. 13th, New York, N. Y.
 Lowman & Hanford Co., 1514 Third Ave., Seattle, Wash.

508 SUPPLIES, TYPEWRITER

American Lead Pencil Co., 220 Fifth Ave., New York City, N. Y.
 American Writing Machine Co., 449 Central Ave., Newark, N. J.
 Clartype Co., Inc., 16 Hudson, New York, N. Y.
 Crown Ribbon & Carbon Mfg. Co., 782 St. Paul, Rochester, N. Y.
 Lincoln Rubber Key Co., 27 Thames, New York, N. Y.
 Remington Rand Business Service, Inc., 374 Broadway, New York, N. Y.
 Webster Co., Inc., F. S., 332 Congress, Boston, Mass.

509 SYSTEMS, ACCOUNTING

(See also Accountants & Auditors)

Accounting Appliance Co., 231 S. La Salle, Chicago, Ill.
 Arnold Morin & Co., 140 S. Dearborn, Chicago, Ill.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

510 SYSTEMS, BUDGET, HOME

McNaughton, Flint, 1512 Tower Bldg., Chicago, Ill.
 Selling Aid, 6 N. Michigan Ave., Chicago, Ill.
 Smith-Brooks Printing Co., 1733 California, Denver, Colo.

511 SYSTEMS, CHRISTMAS SAVINGS

Bankers Publicity Co., 1926 North Ave., St. Louis, Mo.
 Bankers Publicity Service, Inc., 1926 North Ave., Milwaukee, Wis.
 Outcault Adv. Co., 221 E. 20th, Chicago, Ill.
 Thrift Builders, Inc., 214 W. Water, Milwaukee, Wis.

SYSTEMS, CLOCK

(See Clock Systems)

512 SYSTEMS, COLLECTION

Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

513 SYSTEMS, FILING

Acme Card System Co., 116 S. Michigan, Chicago, Ill.
 Amberg File & Index Co., 1400 Fulton, Chicago, Ill.
 Automatic File & Index Co., South Broadway, Green Bay, Wis.
 Brooks Co., 1241 Superior Ave., Cleveland, O.
 Conway Co., H. H., 725 S. Wells, Chicago, Ill.
 General Fireproofing Co., Youngstown, Ohio.
 Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Invincible Metal Furniture Co., 824 Twenty-sixth, Manitowoc, Wis.
 Lowman & Hanford Co., 1514 Third Ave., Seattle, Wash.
 Macey Co., 1520 Division Ave., So., Grand Rapids, Mich.
 Marshall Jackson Co., 24 S. Clark, Chicago, Ill.
 Metal Office Furniture Co., Grand Rapids, Mich.
 Shaw-Walker Co., Muskegon, Mich.
 Wabash Cabinet Co., Wabash, Ind.
 Weis Mfg. Co., Union, Monroe, Mich.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

514 SYSTEMS, FILING, CARD

Acme Card System Co., 116 S. Michigan, Chicago, Ill.
 Amberg File & Index Co., 1400 Fulton, Chicago, Ill.
 Postindex Co., Inc., Jamestown, Mass.
 Remington Rand Business Service, Inc., 374 Broadway, New York, N. Y.
 Shaw-Walker Co., Muskegon, Mich.
 Wabash Cabinet Co., Wabash, Ind.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

SYSTEMS, INTER-COMMUNICATING

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

515 SYSTEMS, LEDGER

Boorum & Pease Co., 84 Hudson, Brooklyn, N. Y.
 Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 Irving-Pitt Mfg. Co., 816 Locust, Kansas City, Mo.
 Le Febure Corp., Cedar Rapids, Iowa.
 Mann Co., Wm., 529 Market, Philadelphia, Pa.
 Moore Corp., John C., 65 Stone, Rochester, N. Y.
 Stationers Loose Leaf Co., 342 Broadway, Milwaukee, Wis.
 Wilson-Jones Co., 3300 Franklin, Chicago, Ill.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

516 SYSTEMS, LEDGER, CARD

Acme Card System Co., 116 S. Michigan, Chicago, Ill.
 Automatic File & Index Co., South Broadway, Green Bay, Wis.
 Postindex Co., Inc., Jamestown, Mass.
 Remington Rand Business Service, Inc., 374 Broadway, New York, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

517 SYSTEMS, LOOSE LEAF

Allen-Marshall Co., Ivan, 40 Marietta, Atlanta, Ga.
 Baker-Goodyear Co., 42 Church, New Haven, Conn.
 Boorum & Pease Co., 84 Hudson, Brooklyn, N. Y.
 Brooks Co., 1241 Superior Ave., Cleveland, Ohio.
 Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 Hall Lithographing Co., Topeka, Kan.
 Irving-Pitt Mfg. Co., 816 Locust, Kansas City, Mo.
 Le Febure Corp., Cedar Rapids, Iowa.
 Lowman & Hanford Co., 1514 Third Ave., Seattle, Wash.
 Mann Co., Wm., 529 Market, Philadelphia, Pa.
 Moore Corp., John C., 65 Stone, Rochester, N. Y.
 Proudfit Loose Leaf Co., 10 Logan St., S. W., Grand Rapids, Mich.
RICHMOND & BACKUS CO., Woodward at Congress, Detroit, Mich.
 Sheppard Co., C. E., Van Alst & 14th, Long Island City, N. Y.
 Stationers Loose Leaf Co., 342 Broadway, Milwaukee, Wis.
 Tallman Robbins & Co., 314 W. Superior, Chicago, Ill.
 Wilson-Jones Co., 3300 Franklin, Chicago, Ill.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

518 SYSTEMS, MACHINE BOOKKEEPING

(See also Machines, Bookkeeping)

Boorum & Pease Co., 84 Hudson, Brooklyn, N. Y.
 Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 Irving-Pitt Mfg. Co., 816 Locust, Kansas City, Mo.
 Le Febure Corp., Cedar Rapids, Iowa.
 Postindex Co., Jamestown, Mass.
 Remington Rand Business Service, Inc., 374 Broadway, New York, N. Y.
 Smith Co., Oscar T. & Son, 407 E. Saratoga, Baltimore, Md.
 Tallman Robbins Co., 314 W. Superior, Chicago, Ill.
 Wilson-Jones Co., 3300 Franklin, Chicago, Ill.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

519 SYSTEMS, MAP

RAND McNALLY & CO., 536 S. Clark St., Chicago, Ill. (See our adv. on page 4G.)

SYSTEMS, PNEUMATIC TUBE

(See Pneumatic Tubes)

SYSTEMS, SAFE DEPOSIT

(See Safe Deposit Records)

SYSTEMS, SAVINGS

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

520 SYSTEMS, SIGNALING

Bankers Signal Service, Inc., 1st N. Bk. Bldg., Huntington, W. Va.
 Danne, H. A., 41 Park Row, New York, N. Y.
 Dictograph Products Corp., 220 W. 42d, New York, N. Y.

SYSTEMS, TELEPHONE, INTER-COMMUNICATING

(See Telephones, Inter-Communicating)

T

521 TABLES, BOND VALUE

Allen-Marshall Co., Ivan, 40 Marietta, Atlanta, Ga.
 Financial Publishing Co., 9 Newbury, Boston, Mass.
 Fitch Publishing Co., 138 Pearl, New York, N. Y.
 Twentieth Century Co., 538 S. Dearborn, Chicago, Ill.

522 TABLES, DIRECTORS

(See Furniture)

Claws Mfg. Co., The A., 5250 Brookpark Rd., Cleveland, Ohio.

523 TABLES, INTEREST

Financial Publishing Co., 9 Newbury, Boston, Mass.
 Lefax, Incorporated, 9th & Sansom, Philadelphia, Pa.
 Stout Interest Calculator Co., 1106½ Adams, Toledo, Ohio.
 Twentieth Century Co., 538 S. Dearborn, Chicago, Ill.

524 TABLES, TRAY

Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Cockrum Ptg. Co., J. W., Oakland City, Ind.
 Le Febure Corp., Cedar Rapids, Iowa.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

525 TABLES, TYPEWRITER (ADJUSTABLE)

Adjustable Table Co., 55 Mt. Vernon Ave., Grand Rapids, Mich.
 Angle Steel Stool Co., Inc., Plainwell, Mich.
 Beck Specialty Co., Box 167, Waterloo, Iowa.
 Globe-Wernicke Co., Carthage Ave., Cincinnati, O.

526 TABLETS, BRONZE

Acme Wire & Iron Works, 12340 Cloverdale, Detroit, Mich.
 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.
 Barkay Co., Inc., 24 Institute, Jamestown, N. Y.
 Chicago Architectural Bronze Co., 4740 N. Clark, Chicago, Ill.
 Chicago Thrift Co., 1100 Washington, 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.
 Flour City Ornamental Iron Co., Minneapolis, Minn.
 Georgia Show Case Co., Montgomery, Ala.
 Guth Co., Edwin F., 2615 Washington Ave., St. Louis, Mo.
 Harsch Bronze & Fdy. 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.
 Oregon Brass Works, 2d & Everett, Portland, Ore.
 Price Bros., 412 Orleans, Chicago, Ill.
 Shank Sign Co., E. A., 25 W. 43d, New York, N. Y.
 Southern Brass Mfg. & Plating Co., 6614 Harrisburg Blvd., Houston, Tex.
 Stronghart Co., 2942 W. Lake, Chicago, Ill.
 Twentieth Century Co., 538 S. Dearborn, Chicago, Ill.
 Tyler Co., W. S., Cleveland, Ohio.
 Usona Mfg. Co., 3512 Chouteau, St. Louis, Mo.
 Williams, Inc., Jno., 556 W. 27th, New York, N. Y.
 Wood-Detroit Mfg. Co., 170 E. Larned, Detroit, Mich.

527 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.

528 TAGS, MAILING

Central Tag Co., 2715 W. Harrison, Chicago, Ill.
 Continental Bank Supply Co., Mexico, Mo.
 Shuman Co., Frank G., 216 N. Clinton, Chicago, Ill.
 Union Paper & Twine Co., 116 St. Clair Ave., N. W. Cleveland, Ohio.

529 TAPE, GUMMED

Empire Notion Co., 270 W. 38th, New York, N. Y.
 Handy-Roll Co., 2 Prince's Court, Oakland, Cal.
 Package Binder Co., The, 316 Fourth Ave., Pittsburgh, Pa.

Union Paper & Twine Co., 116 St. Clair Ave., N. W., Cleveland, Ohio.
 Wisconsin Paper & Products Co., 145 Broadway, Milwaukee, Wis.

TAPE SEALING MACHINES

(See Machines, Sealing, Gummed Tape)

TAX RECORD BOOKS, INCOME

(See Books, Income Tax Record)

TAX SERVICE

(See Service Tax)

530 TELAUTOGRAPHS

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

TELEGRAPH SYSTEMS, INTER-COMMUNICATING

(See Systems, Telegraph, Inter-Communicating)

531 TELEPHONE ATTACHMENTS

(See also Brackets and Indexes, Telephone)

Hush-A-Phone Corp., 19 Madison, New York, N. Y.

532 TELEPHONE MOUTHPIECES (GLASS)American Electric Co., 6401 S. State, Chicago, Ill.
 Colytt Laboratories, 565 W. Washington, Chicago, Ill.**533 TELEPHONES, INTER-COMMUNICATING**Dictograph Products Corp., 220 W. 42d, New York, N. Y.
 National Cash Register Co., Dayton, O.**534 TELLERS, AUTOMATIC RECEIVING**

(See also Machines, Deposit Receiving)

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

535 TELLERS-BOOKKEEPERS INTER-COMMUNICATING SYSTEMS

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

536 TELLERS, INTEREST & DISCOUNT

(See also Tables, Interest)

Twentieth Century Co., 538 S. Dearborn, Chicago, Ill.

537 TERRA COTTA

MIDLAND TERRA COTTA CO., 105 W. Monroe, Chicago, Ill. (See our adv. on this page.)
 Northwestern Terra Cotta Co., 4417 Oleathe, St. Louis, Mo.
 Winkle Terra Cotta Co., 902 Century Bldg., St. Louis, Mo.

538 TEXTBOOKS, BANKING

Appleton & Co., D., 29 W. 32d, New York, N. Y.
RAND McNALLY & CO., 536 S. Clark St., Chicago, Ill.

539 THERMOMETERS, ADVERTISING

Adcraft Mfg. Co., 2448 W. 22d, Chicago, Ill.
 Advertising Novelty Co., 420 S. Winchester Ave., Chicago, Ill.
 American Thermometer Co., 2907 Clark Ave., St. Louis, Mo.
 Brace & Co., H. G., 7th N. & Harrison, Seattle, Wash.
 Carroll Co., J. B., 319 N. Albany, Chicago, Ill.
 Colson Co., U. O., Paris, Ill.
 Duplex Mfg. Co., 306 S. Franklin, Chicago, Ill.
 Ferree Co., E. H., 61 Richmond Ave., Lockport, N. Y.
 Follis Adv. Service, W. E., 159 N. State, Chicago, Ill.
 Kemper Thomas Co., Park Ave., Norwood Sta., Cincinnati, Ohio.
 Lakeside Mfg. Co., 440 W. Superior, Chicago, Ill.
 Marshall Mfg. Co., The, 12th & Orchard, Coshocton, Ohio.
 Mayer Mfg. Corp., 1436 Randolph, Chicago, Ill.
 Parisian Novelty Co., 3510 S. Western Ave., Chicago, Ill.
 Rehberger Co., A. C., 3656 Lincoln Ave., Chicago, Ill.
 Shaw Advertising Co., 520 Produce Exch. Bldg., Kansas City, Mo.
 Standard Thermometer Co., Inc., 65 Shirley, Boston, Mass.
 Stanwood-Hillson Corp., 14 High, Brookline, Mass.
 Taylor Instrument Companies, Ames St., Rochester, N. Y.
 Terre Haute Adv. Co., 1317 Poplar, Terre Haute, Ind.

THRIFT SYSTEMS

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

540 TILE, COMPOSITION

Armstrong Cork & Insulation Co., 24th St. & A. V. R. R., Pittsburgh, Pa.
 Rookwood Pottery Co., Cincinnati, Ohio.

541 TILE, CORK (FLOOR)

Armstrong Cork & Insulation Co., 24th St. & A. V. R. R., Pittsburgh, Pa.
 Bonded Floors Co., Inc., 1421 Chestnut, New York, N. Y.
 United Cork Companies, Grant Ave., Lyndhurst, N. J.
 United Cork Flooring Co., 50 Church, New York, N. Y.

542 TILE, MARBLE

Appalachian Marble Co., Knoxville, Tenn.
 Georgia Marble Co., Tate, Ga.

TIME STAMPS

(See Stamps, Time)

543 TOWELS, PAPER

A. P. W. Paper Co., 1273 Broadway, Albany, N. Y.
 Union Paper & Twine Co., 116 St. Clair Ave., N. W. Cleveland, Ohio.
 Wisconsin Paper & Products Co., 145 Broadway, Milwaukee, Wis.

TRAY CABINETS

(See Cabinets, Tray)

TRAY TABLES

(See Tables, Tray)

TERRA COTTA is the only building material combining beauty of form and beauty of color in its finished surfaces. With all its unique advantages Midland Terra Cotta costs no more than other materials.

Midland Terra Cotta Company

105 West Monroe Street, Chicago, Illinois

544 TRAYS, CARD LEDGER

Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
Automatic File & Index Co., South Broadway, Green Bay, Wis.
Buchan-White Loose Leaf Co., 1906 Pine, St. Louis, Mo.
Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
Kohlhaas Co., 183 N. Dearborn, Chicago, Ill.
Le Febure Corp., Cedar Rapids, Iowa.
Shaw-Walker Co., Muskegon, Mich.
Steel Fixture Mfg. Co., E. 7th & Adams, Topeka, Kan.
Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

545 TRAYS, CHECK

Automatic File & Index Co., South Broadway, Green Bay, Wis.
Browne-Morse Co., Muskegon, Mich.
Currier Mfg. Co., N. W. Terminal Industries Bldg., Minneapolis, Minn.
Dibb Mfg. Co., Inc., 515 Third Ave., Minneapolis, Minn.

546 TRAYS, COIN

ABBOTT COIN COUNTER CO., 143d & Wales, New York, N. Y.
Art Steele Co., Inc., 401 E. 23d, New York, N. Y.
Bankers Specialty Corp., 5 Beekman, New York, N. Y.
Brandt Automatic Cashier Co., Watertown, Wis.
Davidson Co., J. L., 632 Mateo, Los Angeles, Cal.
DOWNEY CO., C. L., 941 Clark, Cincinnati, Ohio.
Economy Coin Tray Co., 906 E. 150th, Cleveland, Ohio.
Formed Steel Cabinet & Eqt. Co., 508 S. Dearborn, Chicago, Ill.
Knight & Counihan Co., 32 Clay, San Francisco, Cal.
Merriam Mfg. Co., Durham, Conn.
Polar Mfg. Co., 123 N. 4th, Philadelphia, Pa.
STRAYER COIN BAG CO., New Brighton, Pa.
Tucker & Dorsey Mfg. Co., P. O. Box 957, Indianapolis, Ind.

547 TRAYS, COIN CHANGER

Brandt Automatic Cashier Co., Watertown, Wis.

548 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 & Eqt. Co., 508 S. Dearborn, Chicago, Ill.
STANDARD-JOHNSON CO., INC., 371 Pacific, Brooklyn, N. Y.
Strayer Coin Bag Co., New Brighton, Pa.

549 TRAYS, DISPLAY

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

550 TRAYS, DRAWER

Dibb Mfg. Co., Inc., 515 Third Ave., N. E., Minneapolis, Minn.
Polar Mfg. Co., 123 N. 4th, Philadelphia, Pa.
Wagemaker Co., 566 Market, S. W., Grand Rapids, Mich.

551 TRAYS, SORTING

American Electric Co., 6401 S. State, Chicago, Ill.
Automatic File & Index Co., S. Broadway, Green Bay, Wis.
Browne-Morse Co., Muskegon, Mich.
Currier Mfg. Co., N. W. Terminal Industries Bldg., Minneapolis, Minn.
Davidson Co., J. L., 632 Mateo, Los Angeles, Cal.
Knight & Counihan Co., 32 Clay, San Francisco, Cal.
Kohlhaas Co., 183 N. Dearborn, Chicago, Ill.
Remington Rand Business Service, Inc., 374 Broadway, New York, N. Y.
Superior Equipment Co., 642 Beaubien, Detroit, Mich.

TREASURY SERVICE

(See Service, U. S. Treasury)

TRUCKS, VAULT

(See Omnibuses, Vault)

TRUST DEPT. ADVERTISING

(See Advertising, Bank; also Advertising, Direct Mail)

TRUST DEPT. FORMS

(See Forms, Trust Dept.)

TUBES, PNEUMATIC

(See Pneumatic Tubes)

552 TWINE

Union Paper & Twine Co., 116 St. Clair Ave. N. W., Cleveland, Ohio.

553 TYPEWRITER ATTACHMENTS

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

TYPEWRITER RIBBONS

(See Ribbons, Typewriter)

554 TYPEWRITERS

Demountable Typewriter Co., Inc., 110 S. Brook, Fond du Lac, Wis.
Remington Rand Business Service, Inc., 374 Broadway, New York, N. Y.
Underwood Typewriter Co., New York, N. Y.
Woodstock Typewriter Co., 300 East St., Woodstock, Ill.

TYPEWRITERS, ACCOUNTING

(See Machines, Bookkeeping)

555 TYPEWRITERS, PORTABLE

Remington Rand Business Service, Inc., 374 Broadway, New York, N. Y.

556 TYPEWRITERS, REBUILT

American Writing Machine Co., 449 Central Ave., Newark, N. J.
Lowman & Hanford Co., 1514 Third Ave., Seattle, Wash.
Manufacturers Typewriter Clearing House, Inc., 193 N. Dearborn, Chicago, Ill.
Office Equipment Co., 911 Locust, Des Moines, Ia.
R. and R. Typewriter Co., 149 Church, New York, N. Y.
Reliable Typewriter & Adding Machine Corp., 170 W. Washington, Chicago, Ill.
SHIPMAN-WARD MFG. CO., 4401 Ravenswood, Chicago, Ill. (See our adv. on this page.)

557 TYPEWRITERS, TELEGRAPHIC

Morkrum Co., 1401 Wrightwood, Chicago, Ill.

V

VAULT EQUIPMENT

(See Equipment, Vault)

558 VAULT INSPECTION

BANK VAULT INSPECTION CO., 1824 Ludlow, Philadelphia, Pa. (See our adv. on page 44G.)
Halsey, McCormack & Helmer, 286 Fifth Ave., New York, N. Y.
Hollar Company, 111 S. 15th, Philadelphia, Pa.
Hunt Co., Robt. W., 175 W. Jackson, Chicago, Ill.
James Co., Thomas M., 3 Park, Boston, Mass.
Lacy Co., L. D., 1206 Syndicate Tr. Bldg., St. Louis, Mo.
Strauss & Son, E. A., 80 E. Jackson Bldg., Chicago, Ill.
UFFINGER, FOSTER & BOOKWALTER, INC., 221 W. 57th, New York, N. Y.
YALE & TOWNE MFG. CO., Stamford, Conn.

559 VAULT REINFORCING

(See Reinforcing, Vault)

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

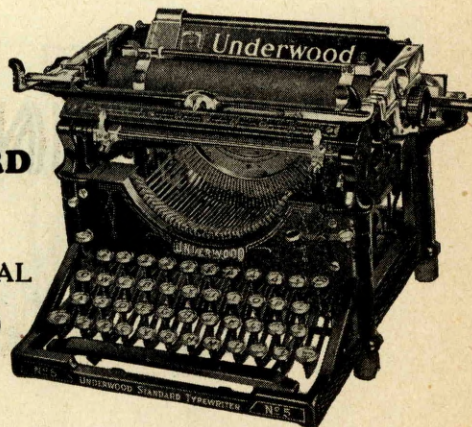
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CHICAGO, ILL.

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560

VAULTS

ANAKIN LOCK & ALARM CO., 162 N. Franklin St., Chicago, Ill. (See our adv. on this page.)
Baumann Safe Co., John, 408 N. 4th, St. Louis, Mo.
Diebold Safe & Lock Co., 818 Mulberry Rd., S. E., Canton, Ohio.
Hall's Safe Co., 3253 Spring Grove, Cincinnati, O.
Herring-Hall-Marvin Safe Co., Grand Blvd., Hamilton, Ohio.
Mosler Safe Co., Hamilton, Ohio.
National Safe & Lock Co., 2345 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.
Rivet-Grip Steel Company, The, 2404 Prospect Ave., Cleveland, Ohio.
Scheitler & Wenisch, 605 Michigan Ave., N., Chicago, Ill.
York Safe & Lock Co., York, Pa.

VENETIAN BLINDS

(See Blinds, Venetian)

561

VENTILATORS, VAULT

(See also Air Purifiers)

McCLINTOCK CO., O. B., 135 Lyndale Ave. N., Minneapolis, Minn.

562

VISIBLE RECORDS

Acme Card System Co., 116 S. Michigan, Chicago, Ill.
Brooks Co., The, 1241 Superior Ave., Cleveland, O.
Henry Connolly Co., 39 Elizabeth, Rochester, N. Y.
Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
Lloyd Co., W. C., 6265 Clark, Chicago, Ill.
Marshall Jackson Co., 24 S. Clark, Chicago, Ill.
Postindex Co., Inc., Jamestown, N. Y.
Remington Rand Business Service, Inc., 374 Broadway, New York, N. Y.
Ross-Gould Co., 309 N. 10th, St. Louis, Mo.
Sheppard, C. E. & Co., Van Alst & 14th, Long Island City, N. Y.
Visible Records Bureau, 134 Fremont, San Francisco, Cal.
Weis Mfg. Co., Union, Monroe, Mich.

W

WALL SAFES

(See Safes, Wall)

563

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.
Eagle Envelope Co., 1322 S. Wabash Ave., Chicago, Ill.
Knight Coughlan Co., 32 Clay, San Francisco, Cal.
Quality Park Envelope Co., Midway, (Quality Park), St. Paul, Minn.
Security Envelope Co., 2900 Fifth Ave., S., Minneapolis, Minn.

564

WALLETS, LEATHER

American Art Works, Inc., Coshocton, Ohio.
Baker Mfg. Co., Oliver, 315 First Ave., N., Minneapolis, Minn.
Beach Leather Co., 1301 E. Walnut, Coshocton, O.
Brown & Bigelow, Quality Park, St. Paul, Minn.
Buckeye Leather Co., Chestnut, Coshocton, Ohio.
The Exline Co., 113 St. Clair Ave., N. E., Cleveland, Ohio.
Nutry, John, 85 Adams, Brooklyn, N. Y.

Quality Park Envelope Co., Midway, (Quality Park), St. Paul, Minn.
Strayer Coin Bag Co., New Brighton, Pa.
Weinman Bros., 421 S. Wells, Chicago, Ill.
Western Lithograph Co., 600 E. 2d, Los Angeles, Cal.

WASTE PAPER BALING MACHINES

(See Machines, Baling, Waste Paper)

WATCHMEN'S CLOCKS

(See Clocks, Watchmen's)

565

WATER COOLERS

Selig Co., 336 Marietta, Atlanta, Ga.

566

WAX, SEALING

Adams-Lessack Co., 1507 Arch, Philadelphia, Pa.
Dicks-Pontius Co., 123 Wayne Ave., Dayton, O.
Gaylord Bros., Inc., 155 Gifford, Syracuse, N. Y.
Keller Ink Co., Robert, 1441 Brooklyn Ave., Detroit, Mich.
Kirk Ink Co., 2316 W. Harrison, Chicago, Ill.
Love & Co., J. V., 2205 Mechanic, Galveston, Tex.
Schwabacher-Frey Sta. Co., 735 Market, San Francisco, Cal.
Swisher Mfg. Co., R. D., 411 S. Clinton, Chicago, Ill.

WAX SEALS

(See Seals)

567

WICKETS

Acme Wire & Iron Works, 12340 Cloverdale, Detroit, Mich.
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., Buffalo, N. Y.
Bush Co., James S., Inc., 11 Park Place, New York, N. Y.
Chicago Architectural Bronze Co., 4740 N. Clark, Chicago, Ill.
Coleman, Adelbert E., 336 W. 37th St., Chicago, Ill.
Collins Safe & Fixture Co., W. D., 513 W. Main, Denison, Tex.
Davidson Co., J. L., 632 Mateo, Los Angeles, Cal.
Flour City Ornamental Iron Co., Minneapolis, Minn.
General Fireproofing Co., Youngstown, Ohio.
Harsch Bronze & Fdry. Co., John, 11612 Madison, Cleveland, Ohio.
Michaels Art Bronze Co., Inc., 230 Scott, Covington, Ky.
Mount & Robertson, Inc., 62 Broad, New York, N. Y.
Nachteggall Mfg. Co., 237 S. Front, Grand Rapids, Mich.
Newman Mfg. Co., 416 Elm, Cincinnati, Ohio.
Oregon Brass Works, 2d & Everett, Portland, Ore.
Usona Mfg. Co., 3512 Chouteau, St. Louis, Mo.
Williams, Inc., Jno., 556 W. 27th, New York, N. Y.
Wisconsin Wire & Iron Works, 1660 Booth St., Milwaukee, Wis.
Womack & Sons, J. P., Lakewood Ave., Atlanta, Ga.

WINDOW DISPLAYS

(See Advertising, Window Display)

WIRE SIGNS

(See Signs, Wire)

568

WIREWORK

AMERICAN IRON & WIRE WORKS, 1622 Carroll, Chicago, Ill.
Buffalo Wire Works Co., Inc., 308 Terrace, Buffalo, N. Y.
Dufur & Co., Baltimore, Md.
Newman Mfg. Co., 416 Elm, Cincinnati, Ohio.
Portland Wire & Iron Works, 294 Second, Portland, Ore.
Standard Wire & Iron Works, 510 E. 10th, Chattanooga, Tenn.
Wisconsin Wire & Iron Works, 1660 Booth, Milwaukee, Wis.

569

WOODWORK

Aetna Cabinet Co., 321 W. Maryland, Indianapolis, Ind.
American Fixture Co., 16th & Bellefontaine, Kansas City, Mo.
Bloom Co., Alfred, 1502 California, Omaha, Neb.
Fisher Co., Charles City, Iowa.
Georgia Show Case Co., Montgomery, Ala.
Hasemann & Sons Mfg. Co., G. A., 2357 S. Seventh, St. Louis, Mo.
Inter Ocean Cabinet Co., 326 S. Paulina, Chicago, Ill.
L. A. Planing Mill Co., Los Angeles, Cal.
Mathews Bros. Mfg. Co., Pt. Washington Rd., Milwaukee, Wis.
Mitchell Mfg. Co., Robt., 2d & John, Cincinnati, O.
Moorman & Co., A., 600 Chamber of Com. Bldg., St. Paul, Minn.
Nachteggall Mfg. Co., 237 S. Front, Grand Rapids, Mich.
Ohmer, Inc., A. A. & R. F., 26 E. 1st, Dayton, O.
SCHICK-JOHNSON CO., 1737 N. Paulina, Chicago, Ill.
St. Louis Bank Eqt. & Bldg. Co., 906 Sidney, St. Louis, Mo.
Taylor-Palmer Co., 49 E. Wells, Milwaukee, Wis.

570

WRAPPERS, COIN

ABBOTT COIN COUNTER CO., 143d & Wales, New York, N. Y. (See our adv. on page 25G.)
American Bindery Corp., 1310 Maple, Detroit, Mich.
Bankers Printing Co., 836 Montgomery St., San Francisco, Cal.
Continental Bank-Supply Co., Mexico, Mo.
Downey Co., C. L., 941 Clark, Cincinnati, Ohio.
The Exline Co., 113 St. Clair Ave., N. E., Cleveland, Ohio.
Gaylord Bros., Inc., 155 Gifford, Syracuse, N. Y.
Jorgensen Mfg. Co., 3681 Gratiot Ave., Detroit, Mich.
Knight-Coumihan Co., 32 Clay, San Francisco, Cal.
Price Bros., 412 Orleans, Chicago, Ill.
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., New Brighton, Pa.
Twentieth Century Co., 538 S. Dearborn, Chicago, Ill.
Western Lithograph Co., 600 E. 2d, Los Angeles, Cal.
Youmans Coin Wrapper Co., 422 Main, Cincinnati, Ohio.
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)

ANAKIN LOCK & ALARM COMPANY



ARMED GUARDS CANT STOP THEM
ANAKIN PROTECTION DOES



DIVISION OF THE ANAKIN COMPANY
MANUFACTURERS AND DISTRIBUTORS OF
BURGLAR PROOF PROTECTIVE EQUIPMENT

FAMOUS "ANAKIN LOCKS & GAS" FOR SAFES AND VAULTS
"VAULTESCAPE" VAULT DOOR RELEASING DEVICE
"DALITE HOLD-UP"-"PROTEKTOR"
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tising in this publication.

They want and appreciate your
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promptly, safely and at minimum
expense.

If your bank desires and has
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RATES OF POSTAGE DOMESTIC

CLASS	ARTICLES	POSTAGE RATES	EXTRA SERVICE
1	PRIVATE MAILING CARDS (written or printed)	2 cents each. (Letters, sealed and unsealed, are 2 cents an ounce or fraction)	May be Registered.
1	Postal Cards	2 cents each	
2	Newspapers and Magazines (transient)	2 cents for each 2 ounces or fraction to 8 ounces inclusive	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 with a Service Charge of 2 cents for each parcel, and 25 cents additional postage for parcels marked "Special Handling" by the mailer	May be Insured, sent C. O. D. and "Special Handling" + as first class.
2	Newspapers and Magazines (transient) weighing more than 8 ounces to 50 or 70 pounds	Zone or pound rates and conditions with a Service Charge of 2 cents for each parcel, and 25 cents additional postage for parcels marked "Special Handling" by the mailer	Air Mail—10 cents for each half 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	\$0.05	\$0.05	\$0.05	\$0.06	\$0.07	\$0.08	\$0.09	\$0.11	\$0.12
Each additional pound, lb.	0.0½	0.01	0.01	0.02	0.04	0.06	0.08	0.10	0.12

Two cents service charge additional on each parcel.

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.

REGISTRY FEES	FEES FOR SPECIAL DELIVERY (Any Class of Mail)	C. O. D. FEES Third and Fourth Class	INSURANCE FEES Third and Fourth Class	DOMESTIC MONEY ORDER FEES
First, Second and Third Class				
First Class	10c, to 2 pounds (inclusive).	12c, Collects to \$10.	5c, to \$5.	5c, ----- to \$ 2.50.
15c, Indemnity to \$50.	15c, over 2 pounds to 10 pounds (inclusive).	15c, Collects from \$10.01 to \$50.	8c, over \$5 to \$25.	7c, \$ 2.51 to 5.00.
20c, over \$50 to \$100 Indemnity	20c, over 10 pounds to 50 or 70 pounds (inclusive).	25c, Collects from \$50.01 to \$100.	10c, over \$25 to \$50.	10c, 5.01 to 10.00.
Second Class	Special handling, 25 cents additional.	C. O. D. parcels can be sent to Money Order offices only.	25c, over \$50 to \$100.	12c, 10.01 to 20.00.
15c, No Indemnity.	Return Receipts for Registered and Insured Mail, 3c (at sender's request).	Amount of collection and money order fee for return must be entered separately and totaled on the C. O. D. tag and the parcel.		15c, 20.01 to 40.00.
Third Class		Includes insurance.		18c, 40.01 to 60.00.
15c, Indemnity to \$25.				20c, 60.01 to 80.00.
Fee for registered mail of any class of no intrinsic value—no indemnity, 15c.				22c, 80.01 to 100.00.

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. To these countries and places letters may be sent at the rate of two cents an ounce or fraction thereof.

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

The rates on other than letters to all foreign countries are: 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, 10 cents. Ordinary letters for any foreign country (except Canada and Mexico) will be forwarded, whether any postage is prepaid on them or not. Foreign mail should be fully prepaid, as double the amount of deficient postage is collected before delivery in countries of destination. All other mailable matter must be prepaid at least partially. Limit of weight for printed matter, 4 lbs., 6 oz.

To the following countries the limit is 8 lbs., 12 oz.: Argentina, Balearic Islands, Bolivia, Brazil, Canary Islands, Colombia, Costa Rica, Cuba, Dominican Republic, Ecuador, Mexico, Paraguay, Peru, Salvador, Spain, Uruguay.

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, Colombia, Costa Rica, Dominican Republic, Ecuador, 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: Algeria, Alsace Lorraine, Argentine, Austria, Belgium, Czecho-Slovakia, Brazil, Bulgaria, Bolivia, China, Colombia, Chile, Costa Rica, Denmark, Dominican Republic, Ecuador, Estonia, Finland, France, Germany, Guatemala, Greenland, Haiti, Honduras, Hungary, Iceland, Latvia, Lithuania, Luxemburg, Memel, Mexico, Monaco, Netherlands, Nicaragua, Norway, Paraguay, Peru, Poland Roumania, Russia, Salvador, Sweden, Switzerland, Uruguay, Yugoslavia. Fifty pounds to Panama, and Shanghai, China; 15 lbs. to Cuba, Canada and Newfoundland.

All parcel post shipments to Cuba, Peru, Guatemala, and Chili must be accompanied by an invoice vised at the nearest consulate of the respective countries. Limited to three and one-half feet in length and to six feet in length and girth combined. Please note, however, that there are certain countries to which packages cannot be sent by parcel post. Your local post office should be consulted. Special delivery 20 cents additional. All countries, require declaration showing contents and value.

Sealed parcels to Gt. Britain, Northern Ireland and the Netherlands may be insured.

Parcels for the following countries must be sealed: Argentina, Bolivia, Brazil, Chile, Costa Rica, Dominican Rep., Ecuador, Guatemala, Honduras Rep. of, Mexico, Nicaragua, Panama, Paraguay, Peru, Salvador and Uruguay.

Parcels for the following countries cannot be sealed: Colombia, Spain and Venezuela.

Countries which have ratified the Pan-American parcel post convention of Mexico to which the postage rate of 12 cents per pound plus 5 cents up to 5 pounds and plus 7 cents when over 5 pounds applies: Argentina, Chile, Dominican Republic, Ecuador, Guatemala, Honduras, Rep. of Mexico, Panama, Paraguay, Peru, Salvador and Spain.

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

INTERNATIONAL MONEY ORDERS

Money orders 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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Walter B. Kester, Secretary-Treasurer

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 A. DOUGLAS OLIVER, Provident Trust Co. of Philadelphia.
 MARJORIE E. SCHOEFFEL, Plainfield Trust Co., Plainfield, N. J.
 FRED M. STAKER, Commerce Trust Co., Kansas City.

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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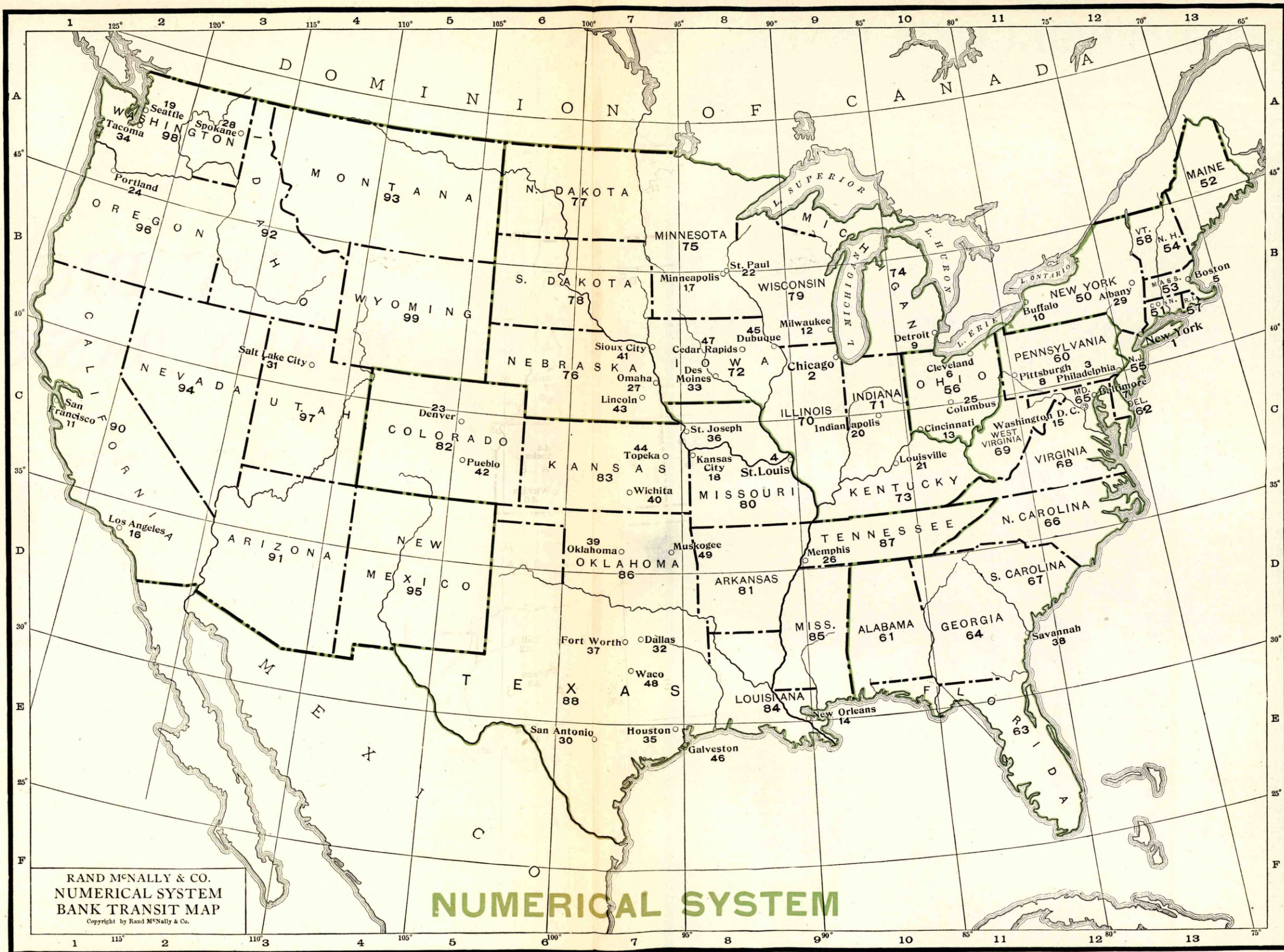
CITIES

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 NUMERICAL SYSTEM
 BANK TRANSIT MAP
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NUMERICAL SYSTEM

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

DATES	CALLS
1	10
2	5
3	3
4	16
5	11
6	7
7	9
8	1
9	9
10	8
11	4
12	10
13	6
14	9
15	6
16	2
17	6
18	5
19	3
20	5
21	2
22	3
23	5
24	1
25	4
26	5
27	2
28	10
29	7
30	19
31	15
208	

33 on Monday
 48 " Tuesday
 37 " Wednesday
 31 " Thursday
 42 " Friday
 17 " Saturday
Total, 208

*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, San Francisco, Calif.

STATE BANK OFFICIALS AND EXAMINERS, 1928

STATE	NAME	ADDRESS	STATE	NAME	ADDRESS
Ala.	Judge C. E. Thomas, Supt. of Banks	Montgomery.	Ind. (cont.)	C. M. Lawrence, Bank Examiner	Princeton.
"	Sam C. King, member of Banking Board	Ensley.	"	S. P. Good, Bank Examiner	Warren.
"	W. S. Jordan, member of Banking Board	Center.	"	J. N. Parrett, Bank Examiner	Indianapolis.
"	W. S. Gardner, member of Banking Board	Ozark.	"	J. N. West, Bank Examiner	Greenwood.
"	C. E. Thomas, member of Banking Board	Montgomery.	"	Halold Cox, Bank Examiner	Aigos.
"	W. E. Henley, Bank Examiner	Birmingham.	"	Kenneth V. Brownell, Bank Examiner	Brazil.
"	T. F. Adams, Bank Examiner	Montgomery.	"	L. R. Billings, Bank Examiner	Williamsport.
"	A. J. Smith, Bank Examiner	Montgomery.	"	T. G. Inwood, Bank Examiner	Thornton.
"	J. B. Haslam, Bank Examiner	Birmingham.	"	J. F. Myer, Bank Examiner	Gary.
"	B. F. Gay, Bank Examiner	Montgomery.	"	S. J. Bovard, Bank Examiner	Madison.
"	C. H. Howie, Bank Examiner	Oxford.	Iowa	L. A. Andrew, Sup. of Banking	State House,
Ariz.	A. T. Hammons, Supt. of Banks	Phoenix.	"	C. C. Jacobsen, Deputy Supt.	Des Moines.
"	J. B. Button, Chief Bank Examiner	Phoenix.	"	W. Enyart, Director of Receiverships	Des Moines.
"	Clarence Cox, Deputy Bank Examiner	Phoenix.	"	W. O. Reed, Chief Examiner	Des Moines.
"	Minnie Seaman, Acct.-Stenographer	Phoenix.	"	Carl Trout, Bank Examiner	Ottumwa.
"	S. B. Smith, Special Bank Examiner	Phoenix.	"	H. C. Lynn, Bank Examiner	Ottumwa.
"	J. E. McCullough, Bank Examiner	Phoenix.	"	F. W. Bloxham, Bank Examiner	Mason City.
Ark.	Walter E. Taylor, Bank Commissioner	Little Rock.	"	F. W. Walsmith, Bank Examiner	Davenport.
"	R. G. Dickinson, Asst. Bk. Commissioner	Little Rock.	"	A. E. Rugg, Bank Examiner	Des Moines.
"	Oliver Phillips, Asst. Commissioner in charge of Building & Loan Associations	Little Rock.	"	R. R. Blair, Bank Examiner	Fort Dodge.
"	Guy G. May, Bank Examiner	Little Rock.	"	I. H. Jurgemeyer, Bank Examiner	Sheldon.
"	J. W. Jarrett, Bank Examiner	Little Rock.	"	A. J. Mulroney, Bank Examiner	Des Moines.
"	Albert Sims, Bank Examiner	Little Rock.	"	J. H. Peterman, Bank Examiner	Indianola.
"	G. H. Carson, Bank Examiner	Little Rock.	"	B. H. Wood, Bank Examiner	Perry.
"	G. H. Sexton, Bank Examiner	Little Rock.	"	Y. O. Fige, Bank Examiner	Des Moines.
"	E. T. Evans, Asst. Bank Examiner	Little Rock.	"	R. S. Beatty, Bank Examiner	Des Moines.
"	A. E. Cates, Bank Examiner	Little Rock.	"	L. D. Beckett, Bank Examiner	Northwood.
Ill.	Will C. Wood, Supt. of Banks	7th Floor, Security Bldg., 343 Sansome St., San Francisco.	"	Walter Light, Bank Examiner	West Liberty.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	H. R. Jackson, Bank Examiner	Spencer.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	W. E. Julius, Bank Examiner	Avoca.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	Ed. Beman, Jr., Junior Examiner	Oskaloosa.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	F. A. Lettow, Junior Examiner	Des Moines.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	G. S. Krouth, Assistant Examiner	Iowa City.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	Kansas	Roy L. Bone, Bank Commissioner	Topeka.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	W. S. Kennedy, Asst. Bank Commissioner	Topeka.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	P. V. Miller, First Special Asst. Bk. Com.	Topeka.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	D. W. Woolley, Second Special Asst. Bk. Commissioner	Topeka.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	R. O. Bishop, Chief Examiner	Topeka.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	Anna E. Speck, Office Deputy	Topeka.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	C. F. Gilpin, Deputy Bank Commissioner	Manhattan.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	R. F. O'Brien, Deputy Bank Commissioner	Salina.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	Dale R. Ainsworth, Deputy Bank Com.	Parsons.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	W. H. Breihan, Deputy Bank Com.	Topeka.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	T. J. Rhodes, Deputy Bank Com.	Frankfort.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	I. L. Perkins, Deputy Bank Com.	Salina.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	L. E. Mauck, Deputy Bank Com.	Topeka.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	W. L. Buntent, Deputy Bank Com.	Wichita.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	H. B. Eagle, Deputy Bank Com.	Norton.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	Glen Crumly, Deputy Bank Com.	Hutchinson.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	T. J. Tucker, Deputy Bank Com.	Wichita.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	John R. Emery, Deputy Bank Com.	Topeka.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	C. W. Starr, Deputy Bank Commissioner	Topeka.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	J. H. Ratliff, Deputy Bank Commissioner	Topeka.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	Harold Nelson, Deputy Bank Com.	Topeka.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	C. B. White, Spec. Asst. Blue Sky Dept.	Topeka.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	Ky.	C. E. Marvin, Banking Com.	Frankfort.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	S. A. Phillips, Deputy Bank Com.	Corbin.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	H. H. Banks, Bank Examiner	Stanford.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	Shelby Martin, Bank Examiner	Clay City.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	E. R. Gover, Bank Examiner	Madisonville.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	Lloyd B. Clark, Bank Examiner	Glasgow.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	J. Bryan Smith, Bank Examiner	Hindman.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	W. L. Coons, Bank Examiner	Lexington.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	H. E. Parker, Bldg. & Ln. Examiner	Tompkinsville.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	La.	J. S. Brock, State Bank Com.	619 Godchaux Bldg. New Orleans.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	O. H. Pittman, Chief Bank Examiner	New Orleans.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	W. C. Evans, Bank Examiner	New Orleans.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	M. Finnegan, Bank Examiner	New Orleans.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	Louis Buckner, Jr., Bank Examiner	Shreveport.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	A. R. Johnson, Jr., Bank Examiner	New Orleans.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	W. E. Wood, Bank Examiner	New Orleans.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	A. F. Babin, Bank Examiner	New Orleans.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	Verna Foll, Secretary	New Orleans.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	Miss Inez Kelting, Clerk	New Orleans.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	Mrs. John J. Dutel, Clerk	New Orleans.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	Miss Hilda Manning, Clerk	New Orleans.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	Maine	John G. Smith, Bank Commissioner	Augusta.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	Sanger N. Annis, Deputy Bank Com.	Augusta.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	T. Frank Parker, Senior Examiner	Belfast.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	Ernest C. Stinson, Bank Examiner	Bangor.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	Woodbury Wallace, Bank Examiner	Augusta.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	Le Roy Rollins, Assistant Examiner	Lewiston.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	George H. Young, Assistant Examiner	Portland.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	Harold W. Lord, Asst. Examiner	Brewer.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	Harry E. Henderson, Securities Examiner	Augusta.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	Annie R. Norman, Clerk	Augusta.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	F. Bernice Standish, Asst. Clerk	Gardiner.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	Md.	Geo. W. Page, Bank Com., 409 Union Trust Building, Cor. Charles and Fayette Sts.	Baltimore.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	John D. Hospelhorn, Deputy Bank Com.	Baltimore.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	Union Trust Bldg.	Baltimore.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	Wm. J. Gerbig, Senior Examiner, Union Trust Bldg.	Baltimore.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	S. W. Mitzel, Senior Examiner, Union Trust Bldg.	Baltimore.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	T. H. Sherman, Senior Examiner, Union Trust Bldg.	Baltimore.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	A. C. Merriam, Jr., Senior Examiner, Union Trust Bldg.	Baltimore.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	H. E. Meeks, Junior Examiner, Union Trust Bldg.	Baltimore.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	V. C. Harrison, Junior Examiner, Union Trust Bldg.	Baltimore.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	W. E. Lutman, Junior Examiner, Union Trust Bldg.	Baltimore.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	C. A. Ringgold, Junior Examiner, Union Trust Bldg.	Baltimore.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	Mass.	Roy A. Hovey, Com. of Banks	112 State House, Boston.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	Wm. J. Fowler, Deputy Com. of Banks	Beverly.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	Arthur Guy, Director of Div. of Savings Banks	Frammingham.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	Elwood A. Wyman, Asst. Director of Div. of Savings Banks	Cambridge.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	Chas. H. Answorth, Director of Div. of Tr. Companies	Beverly.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	Eugene Brimmer, Asst. Director of Div. of Trust Companies	Walden.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	O. M. Tucker, Director of Div. of Co-operative Banks and Credit Unions	West Somerville.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	R. J. Tubbs, Asst. Director of Div. of Co-operative Banks and Credit Unions	Greenwood.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	Leroy W. Leland, Director of Div. of Credits	Newtonville.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	Neison B. Davis, Chief Clerk	Newton Highlands.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	Charles J. Bateman, Jr., Senior Bk. Exam.	Newtonville.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	Charles A. Crowell, Senior Bank Exam.	Salem.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	William E. Day, Senior Bank Examiner	Chelsea.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	Ralph E. Ellis, Senior Bank Examiner	Braintree.
Ind.	Thos. D. Barr, Deputy Commissioner	Fairmount.	"	Harold P. Jenks, Senior Bank Examiner	Dorchester.

STATE BANK OFFICIALS AND EXAMINERS—Continued

STATE	NAME	ADDRESS	STATE	NAME	ADDRESS
Mass.	William B. Jensen, Senior Bank Examiner	Frammingham	Mont	R. L. Smith, Bank Examiner	Helena
(cont.)	Harry P. Jones, Senior Bank Examiner	Belmont	(cont.)	Geo. M. Robertson, Bank Examiner	Helena
"	John L. Keyes, Senior Bank Examiner	Lowell	"	R. N. Hawkins, Asst. State Examiner	Helena
"	George C. Mansfield, Senior Bank Exam.	Rockland	"	A. E. Williamson, Deputy State Examiner	Missoula
"	Burt O. McKinley, Senior Bank Examiner	Lowell	"	F. E. Williams, Deputy State Examiner	Billings
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"	H. O. Voget, Examiner	Portland.	"	U. G. Stevenson, Bank Examiner	Sioux Falls.
"	George E. Cusick, Asst. Examiner	Portland.	"	J. J. Morris, Bank Examiner	Sioux Falls.
"	Fred H. Moes, Examiner	Portland.	"	Chris Hirning, Bank Examiner	Mitchell.
"	M. W. Starbuck, Examiner	Portland.	"	S. E. Anderson, Bank Examiner	Sioux Falls.
"	E. M. Drew, Clerk	Salem.	"	G. W. Schumacher, Bank Examiner	Pierre.
Pa.	Peter G. Cameron, Secretary of Banking, State Capitol Bldg.	Harrisburg.	"	B. F. Bambenek, Bank Examiner	Aberdeen.
"	James A. Taylor, First Deputy Secretary	Indiana.	"	F. S. Barber, Bank Examiner	Pierre.
"	Irlannd M. Beckman, Second Deputy Secy.	Erie.	Tenn.	H. L. Grigsby, Supt. of Banks	State Memorial.
"	Walter E. Burns, Third Deputy Secy.	Harrisburg.	"	Hallum W. Goodloe, Asst. Supt. of Banks	Nashville.
"	E. J. Sitgreaves, Chief, Division of Reports	Harrisburg.	"	J. F. Hunt, Bank Examiner	Memphis.
"	H. H. Eshbach, Chief, Bureau of Bldg. & Loan Associations	Harrisburg.	"	H. G. Bratton, Bank Examiner	Nashville.
"	Laurence C. Glass, Chief Clerk	Harrisburg.	"	I. H. Wilson, Bank Examiner	Jackson.
"	George H. Orth, Chief, Bureau of Private Banks	Harrisburg.	"	J. M. Davis, Bank Examiner	Lawrenceburg.
"	Rolland L. Adams, Bank Examiner	Newport.	"	P. E. Callahan, Bank Examiner	Jackson.
"	Harold L. Beckley, Bank Examiner	Paxtang.	"	S. E. Wallace, Bank Examiner	Nashville.
"	Chas. K. Booda, Bank Examiner	Middletown.	"	C. E. McFarland, Bank Examiner	Memphis.
"	A. Rise Bowman, Bank Examiner	Lebanon.	"	J. D. Smith, Examiner	Milan.
"	Christian H. Brandt, Bank Examiner	Harrisburg.	Texas	James Shaw, Banking Commissioner	State Capitol, Austin
"	Walter C. Brenneis, Bank Examiner	Conneautville.	"	W. A. Sandlin, Deputy Banking Com.	State Capitol, Austin
"	Chas. W. Brown, Bank Examiner	Philadelphia.	Utah	Seth Pixton, Bank Commissioner, Room 217, State Capitol Bldg.	Salt Lake City.
"	M. H. Callender, Bank Examiner	Dunmore.	"	W. H. Hadlock, Bank Examiner	Ogden.
"	R. B. Carmany, Bank Examiner	Harrisburg.	"	R. Sherman Jones, Examiner	Salt Lake City.
"	Ernest M. Clark, Bank Examiner	Philadelphia.	"	P. Lk. Service, Examiner	Salt Lake City.
"	Wm. V. Davies, Bank Examiner	Harrisburg.	Vt.	R. C. Clark, Bank Commissioner, State St.	Montpelier.
"	Harold H. Davison, Bank Examiner	Meadville.	"	Jessie A. Watkins, Chief Clerk	Montpelier.
"	Fred K. Dennison, Bank Examiner	Bywood.	"	L. H. Lavalley, Bank Examiner	Rutland.
"	Thomas Dixon, Bank Examiner	Philadelphia.	"	R. D. Watkins, Bank Examiner	Barre.
"	Robert W. Doty, Chief Bank Examiner	Bywood.	Va.	M. E. Bristow, Chief Examiner, 1010 State Office Bldg.	Richmond.
"	John B. Dunlap, Bank Examiner	Muncy.	"	L. R. Ritchie, Examiner	Richmond.
"	Robert G. Felix, Bank Examiner	Philadelphia.	"	B. J. Woodward, Examiner	Richmond.
			"	R. M. Charlton, Examiner	Roanoke.
			"	E. A. Leake, Examiner	Richmond.
			"	E. J. Smith, Examiner	Saluda.
			"	R. T. Short, Examiner	Lawrenceville.
			"	W. S. Burnley, Clerk	Richmond.
			"	D. T. Zentmeyer, Asst. Examiner	Bristol.

STATE BANK OFFICIALS AND EXAMINERS—Continued

STATE	NAME	ADDRESS
Va. (cont.)	W. D. Blanks, Bank Examiner	Petersburg.
"	C. P. Justis, Asst. Bank Examiner	Blackstone.
Wash.	A. R. Gardner, Director of Efficiency, Old Capitol, Washington and 6th Sts.	Olympia.
"	H. C. Johnson, Supervisor of Banking	Olympia.
"	H. H. Hansen, Deputy Supervisor of Bkg.	Olympia.
"	C. S. Moody, Asst. Supervisor of Banking	Olympia.
"	H. S. Wilson, Bank Examiner	Spokane.
"	R. L. Gentry, Bank Examiner	Spokane.
"	Geo. H. Jackson, Bank Examiner	Spokane.
"	C. E. Jenks, Bank Examiner	Olympia.
"	S. Zeno Varnes, Bank Examiner	Olympia.
"	I. Williams, Bank Examiner	Seattle.
"	L. J. Esslinger	Yakima.
W. Va.	H. A. Abbott, Com. of Banking	Charleston.
"	E. L. Morrison, Deputy Com. of Banking	Charleston.
"	W. R. Seal, Assistant Commissioner	Charleston.
"	Marion Workman, Assistant Commissioner	Keyser.
"	Harold Sayre, Asst. Com.	Letart.
"	Helen S. Barringer, Secretary	Charleston.
"	Alta Wagner, Asst. Secretary	Charleston.
"	W. Ray Tabler, Asst. Com.	Parkersburg.
"	L. D. Griffin, Asst. Commissioner	Clarksburg.
"	O. S. Summers, Asst. Commissioner	Clendenin.
"	Claude F. Smith, Asst. Commissioner	West Union.
"	Paul Sayre, Asst. Commissioner	Grafton.
Wis.	C. F. Schwenker, Commissioner	State Capitol Bldg., Madison.
"	W. H. Richards, Deputy Com.	Black River Falls.
"	Thomas Herreid, Chief Examiner	Madison.
"	C. E. Butters, Chief Clerk	Madison.

STATE	NAME	ADDRESS
Wis. (cont.)	R. B. Ellis, Bank Examiner	Madison.
"	C. P. Diggles, Examiner	Madison.
"	Chas. T. Shape, Bank Examiner	Milwaukee.
"	W. C. Edwards, Bank Examiner	Madison.
"	G. W. Jamison, Bank Examiner	Madison.
"	N. E. Hanshus, Examiner	Eau Claire.
"	Geo. O. F. Poundstone, Examiner	Mellon.
"	S. A. Sylvester, Bank Examiner	Galesville.
"	R. D. Luther, Bank Examiner	Waupaca.
"	Jno. E. Mahoney, Bank Examiner	Madison.
"	C. M. Morrison, Clerk	Madison.
"	E. F. Witzig, Bank Examiner	Eau Claire.
"	E. L. Richardson, Bank Examiner	Pond du Lac.
"	Stanley Schafer, Bank Examiner	Madison.
"	Gustave Shape, Bank Examiner	Madison.
"	Walter Nyhus, Bank Examiner	Madison.
"	Harry W. Barney, Bank Examiner	Sparta.
"	Victor A. Emilson, Asst. Examiner	La Crosse.
"	Thos. M. Purtell, Examiner	Madison.
"	W. E. Birmingham, Bank Examiner	Madison.
"	Stanley R. Caldwell, Asst. Examiner	Lodi.
"	Jos. Donovan, Clerk	Madison.
"	Tomas Nelson, Clerk	Madison.
"	Harry Neprud, Clerk	Blair.
Wyo.	A. L. Putnam, State Examiner	State Capitol Bldg., Cheyenne.
"	J. A. Reed, Deputy State Examiner	Cheyenne.
"	W. E. Banks, Examiner	Cheyenne.
"	William Reeves, Jr., Examiner	Cheyenne.
"	R. E. McFarlane, Examiner	Cheyenne.
"	L. L. Williams, Examiner	Cheyenne.

LIST OF NATIONAL BANK EXAMINERS AND DISTRICTS
January, 1928

NAME AND FEDERAL RESERVE DISTRICT	ADDRESS
CHIEF NATIONAL BANK EXAMINER	
Pole, J. W., Office, Comptroller of Currency, Washington, D. C.	
ASSISTANT CHIEF NATIONAL BANK EXAMINERS	
Hodgson, R. M.	care of Comptroller of Currency, Washington, D. C.
McBryde, W. W.	care of Comptroller of Currency, Washington, D. C.
Proctor, John L.	care of Comptroller of Currency, Washington, D. C.
Smith, C. F.	care of Comptroller of 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. Jr. (2)	525 Federal Reserve Bank Bldg., New York, N. Y.
Newham, Stephen L. (3)	141 Jefferson Bldg., Philadelphia, Pa.
Leyburn, Albert P. (4)	715 Federal Reserve Bank Bldg., Cleveland, Ohio.
Folger, W. P. (5)	6th Floor Metropolitan Bank Bldg., Washington, D. C.
Robb, Ellis D. (6)	606 Fourth National Bank Bldg., Atlanta, Ga.
Sims, Howard M. (7)	164 W. Jackson Blvd., Room 1203, Chicago, Ill.
Wood, John S. (8)	1310 Federal Commerce Trust Bldg., St. Louis, Mo.
Patterson, B. K. (9)	1334 First National-Soo Line Bldg., Minneapolis, Minn.
Roberts, L. K. (10)	800 Federal Reserve Bank 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, Edward A. (3)	1414 Jefferson Bldg., Philadelphia, Pa.
Allen, E. F. (10)	P. O. Box 1546, Muskogee, Okla.
Allsup, A. S. (7)	319 Citizens Bk. Bldg., Decatur, Ill.
Amrhein, Joseph A. (5)	910 Va. Ry. and Power Bldg., Richmond, Va.
Anderson, E. F. (6) (R.)	Georgia National Bank Bldg., Athens, Ga.
Anderson, O. A. (9)	care of G. W. Swords, Am. National Bank Bldg., Billings, Mont.
Ashwood, Cecil (2)	525 Federal Reserve Bank Bldg., New York, N. Y.
Austin, J. W. (4) (J.G.)	715 Federal Reserve Bank Bldg., Cleveland, Ohio.
Bailey, J. L. (5)	P. O. Box 1185, Huntington, W. Va.
Baker, Wm. B. (3)	1414 Jefferson Bldg., Philadelphia, Pa.
Baldridge, Wm. H. (12)	403 Empire State Bldg., Spokane, Wash.
Basham, A. A. (6)	P. O. Box 190, Knoxville, Tenn.
Beaton, Otis W. (2)	525 Federal Reserve Bank Bldg., New York, N. Y.
Becker, E. J. Jr. (10) (J.G.)	P. O. Box 462, Coffeyville, Kan.
Bina, J. C. (9)	4532 Grand Ave., Minneapolis, Minn.
Bleakley, Ben J. (4)	P. O. Box 151, Lima, Ohio.
Boardman, Paul (11) (J.G.)	P. O. Box 1471, Abilene, Texas.
Boysen, Alfred (3)	Post Office Bldg., Wilkes-Barre, Pa.
Bryan, Chas. A. (9)	1334 First National Soo Line Bldg., Minneapolis, Minn.
Byers, R. W. (4)	P. O. Box 1058, Pittsburgh, Pa.
Campbell, Geo. H. (10)	800 Federal Reserve Bank Bldg., Kansas City, Mo.
Carolan, Wm. B. (1)	Federal Reserve Bank Bldg., Boston, Mass.
Carson, T. D. (5)	6th Floor, Metropolitan Bank Bldg., Washington, D. C.
Carter, Aubrey B. (U.)	185 Treasury Dept., Washington, D. C.
Chapman, Edw. L. (10)	800 Federal Reserve Bank Bldg., Kansas City, Mo.
Chorpening, I. I. (12)	1103 Alexander Bldg., San Francisco, Calif.
Clark, J. A. (10) (J.G.)	P. O. Box 374, Hutchinson, Kan.
Clarke, Addison A. (4)	P. O. Box 1058 Pittsburgh, Pa.
Coffin, G. M. (1) (R.)	First National Bank, Putnam, Conn.
Coffin, G. S. (12)	1103 Alexander Bldg., San Francisco, Calif.
Colley, Leon (4)	P. O. Box 273, Salem, Ohio.
Collins, L. C. (11)	Federal Reserve Bank, Houston, Texas.
Cooke, A. J. (12) (J.G.)	1103 Alexander Bldg., San Francisco, Calif.
Cooney, D. H. (4)	715 Federal Reserve Bank Bldg., Cleveland, Ohio.
Cottingham, T. J. (6)	823 Comer Bldg., Birmingham, Ala.
Cowan, David (11) (R.)	First National Bank of Las Vegas, E. Las Vegas, N. Mex.
Crawley, Wm. C. (12)	228 Post Office Bldg., Portland, Ore.
Cunningham, F. F. (6) (J.G.)	606 Fourth Nat'l Bank Bldg., Atlanta, Ga.
Dalton, John W. (5)	P. O. Box 958, Charlotte, N. C.
Davenport, H. B. (3)	P. O. Box 61, Lancaster, Pa.
Davis, Thomas H. (5)	P. O. Box 1162, Columbia, S. C.
Denton, Frank R. (2)	P. O. Box 607, Albany, N. Y.

NAME AND FEDERAL RESERVE DISTRICT	ADDRESS
Detlefsen, E. O. (2)	525 Federal Reserve Bank Bldg., New York, N. Y.
Donahue, C. A. (12) (J.G.)	400 H. W. Hellman Bldg., Los Angeles, Calif.
Donahue, William H. (10)	P. O. Box 186, Clinton, Okla.
Dooley, Thomas E. (1)	26 Robin Road, West Hartford, Conn.
Dougherty, J. M. (9) (J.G.)	1334 First National Soo, Line Bldg., Minneapolis, Minn.
Drexel, Chas. F. (8)	1310 Federal Commerce Trust Bldg., St. Louis, Mo.
Dwyer, Thos. R. (2)	525 Federal Reserve Bank Bldg., New York, N. Y.
Dye, Samuel W. (7)	B-1 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.
Evans, Clyde J. (6)	P. O. Box 1828, Atlanta, Ga.
Faris, A. B. (4)	P. O. Box 506, Richmond, Ky.
Finan, C. F. (9) (R.)	Nat'l Bank of Commerce, Pierre, S. Dak.
Foster, Charles W. (11)	519 Bedell Bldg., San Antonio, Texas.
Foy, A. B. (2)	525 Federal Reserve Bank Bldg., New York, N. Y.
Francis, C. C. (2)	525 Federal Reserve Bank Bldg., New York, N. Y.
Fraser, J. A. (10)	Room 2, King Bldg., Norfolk, Neb.
Freeman, Otis M. (1)	89 Angel St., Providence, R. I.
French, H. S. (7)	213 Federal Bldg., Des Moines, Iowa.
Fuller, H. B. (7)	P. O. Box 371, Grand Rapids, Mich.
Fulton, Ira J. (4)	715 Federal Reserve Bank Bldg., Cleveland, Ohio.
Funsten, Wm. P. (3)	1414 Jefferson Bldg., Philadelphia, Pa.
Furbee, Ernest M. (4)	P. O. Box 1058, Pittsburgh, Pa.
Garrett, Robert D.	care of Div. of Insolvent National Banks, Office of Comptroller of Currency, Washington, D. C.
Gilbert, 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 Currency, Treasury Dept., Washington, D. C.
Graham, Herbert A. (4)	First National Bank, New Cumberland, W. Va.
Gray, W. M. (12) (R.)	First National Bank, Joseph, Ore.
Green, A. W. (1) (J.G.)	Federal Reserve Bank Bldg., Boston, Mass.
Green, Charles W. (5)	P. O. Box 752, Cumberland, Md.
Greene, Thos. M. (1)	Federal Reserve Bank Bldg., Boston, Mass.
Griswold, W. C. (4)	413 E. Winter Ave., New Castle, Pa.
Hartman, Chas. H. (3)	1414 Jefferson Bldg., Philadelphia, Pa.
Harwood, E. G. (7) (J.G.)	164 W. Jackson Blvd., Room 1203, Chicago, Ill.
Hauschild, L. P. (4) (J.G.)	715 Federal Reserve Bldg., Cleveland, Ohio.
Hedrick, Gilbar, C. (11)	1706 Republic Bank Bldg., Dallas, Texas.
Hewitt, R. B. (10)	800 Federal Reserve Bank Bldg., Kansas City, Mo.
Hooper, Marshall (12)	238 Central Bldg., Seattle, Wash.
Hoover, Paul E. (9)	1334 First National-Soo Line Bldg., Minneapolis, Minn.
Horner, H. N. (10)	P. O. Box 606, Norman, Okla.
Hotchkiss, Paul L. (2)	326 Ten Eyck St., Watertown, N. Y.
Huck, Wm. F. (9)	306 Dakota Bank Bldg., Aberdeen, S. Dak.
Hughes, J. G. (10) (R.)	American National Bank Bldg., Salisaw, Okla.
Hurley, Michael J. (1)	Federal Reserve Bank Bldg., Boston, Mass.
Hurt, Wm. E. (11)	Sherman, Texas.
Johnson, C. E. H. (7)	331 Federal Bldg., Milwaukee, Wis.
Johnson, R. M. (R.)	Farmers National Bank, Hempstead, Texas.
Joseph, Edw. M. (7)	P. O. Box 589, Danville, Ill.
Kane, Thos. F. (5)	6th Floor, Nat'l Metropolitan Bank Bldg., Washington, D. C.
Kane, W. W. Jr. (8)	207 Federal Bldg., Louisville, Ky.
Kelly, Burdette (9) (R.)	First National Bank, Torrington, Wyo.
Kennedy, L. G. (10)	875 S. Williams St., Denver, Colo.
Ketner, John H. (3)	P. O. Box 32, Altoona, Pa.
King, Frank L. (7)	164 W. Jackson Blvd., Room 1203, Chicago, Ill.
Klein, Benton (2)	20 Monroe Place, Port Chester, N. Y.
Lahman, H. S. (10) (R.)	First National Bank, Milford, Iowa.
Laird, H. A. (7)	P. O. Box 271, Spencer, Iowa.
Lamb, Ernest (11)	P. O. Box 667, Greenville, Texas.
Lamm, R. Foster (12)	1124 N. Olive St., Santa Ana, Calif.
Laumon, W. M. (6)	P. O. Box 1364, New Orleans, La.
Lanning, L. C. (2)	525 Federal Reserve Bank Bldg., New York, N. Y.
Lanum, H. L. (4)	P. O. Box 621, Cincinnati, Ohio.
Lisefy, W. P. (6)	P. O. Box 442, Albany, Ga.
Linden, C. C. (12) (J.G.)	228 P. O. Bldg., Portland, Ore.
Lofitis, C. A. (11)	1706 Republic Bank Bldg., Dallas, Texas.
Lorang, Peter J. (2)	525 Federal Reserve Bank Bldg., New York, N. Y.
Luisen, John B. (6)	720 Bell Bldg., Montgomery, Ala.
Luscombe, A. P. (2)	525 Federal Reserve Bank Bldg., New York, N. Y.

LIST OF NATIONAL BANK EXAMINERS AND DISTRICTS—Continued

NAME AND FEDERAL RESERVE DISTRICT	ADDRESS	NAME AND FEDERAL RESERVE DISTRICT	ADDRESS
Lyon, C. W. (10) (J.G.)	800 Federal Reserve Bank Bldg., Kansas City, Mo.	Shapirer, Leo. (12)	1103 Alexander Bldg., San Francisco, Calif.
Lytle, Frank S. (9)	1334 First National Soo Line Bldg., Minneapolis, Minn.	Shea, L. A. (2)	525 Federal Reserve Bank Bldg., New York, N. Y.
McCans, A. B. (11)	P. O. Box 1534, Waco, Texas.	Sheehan, W. F. (2)	525 Federal Reserve Bank Bldg., New York, N. Y.
McConaughy, R. C. (3)	1414 Jefferson Bldg., Philadelphia, Pa.	Sibley, W. L. (11) (J.G.)	1706 Republic Bank Bldg., Dallas, Tex.
McGinnis, F. J. (3) (J.G.)	1414 Jefferson Bldg., Philadelphia, Pa.	Smith, Geo. F. (3)	P. O. Box 981, Harrisburg, Pa.
McKee, Joel S. (4)	715 Federal Reserve Bank Bldg., Cleveland, Ohio.	Smith, Geo. H. (4)	P. O. Box 336, West Newton, Pa.
McLean, Chas. H. (12)	1103 Alexander Bldg., San Francisco, Calif.	Smith, John H. (9) (R.)	Weiser, Idaho.
MacDonald, F. G. (2)	163 Alexander St., Rochester, N. Y.	Smith, Robert F. (2)	525 Federal Reserve Bank Bldg., New York, N. Y.
Machleid, Chas. J. (2)	612 Prospect Ave., Brooklyn, N. Y.	Smith, Roy E. (10) (R.)	care of First National Bank, Sterling, Colo.
Madland, Leland L. (12)	238 Central Bldg., Seattle, Wash.	Smouse, Murray C. (2)	525 Federal Reserve Bank Bldg., New York, N. Y.
Mann, Stuart H. (8)	1310 Federal Commerce Trust Bldg., St. Louis, Mo.	Snapp, John W. (5)	6th Floor, Nat'l Metropolitan Bank Bldg., Washington, D. C.
Marcom, Roy (11)	P. O. Box 1223, Shreveport, La.	Snyder, Vernon G. (3)	P. O. Box 231, Sunbury, Pa.
Marcuse, Benj. (2)	Apt. 22, 502 West 152d St., New York, N. Y.	Stevens, Lyle T. (9)	1334 First National-Soo Line Bldg., Minneapolis, Minn.
Millard, S. T. (6)	P. O. Box 822, Nashville, Tenn.	Stewart, Adelia M.	Room 217, Treasury Dept., Office Comptroller of Currency, Washington, D. C.
Miller, Louis A. (10)	800 Federal Reserve Bank Bldg., Kansas City, Mo.	Stewart, Chas. A. (5)	P. O. Box 63, East Falls Church, Va.
Moon, Earl W. (7)	164 W. Jackson Blvd., Room 1203, Chicago.	Stewart, H. E. (2)	525 Federal Reserve Bank Bldg., New York, N. Y.
Morgan, C. E. (12) (J.G.)	326 Yates Bldg., Boise, Idaho.	Stobie, C. A.	P. O. Box 313, Honolulu, T. H.
Motter, C. W. (5)	419 Commercial Nat'l Bk. Bldg., Raleigh, N. C.	Storing, Chas. C. (9) (R.)	Lock Box 450, Mandan, N. D.
Murphy, Daniel F. (1)	286 Harrison St., Manchester, N. H.	Stout, C. L. (10)	P. O. Box 498, Cheyenne, Wyo.
Nelson, F. S. (10)	203 Federal Bldg., Grand Island, Neb.	Strite, K. D. (2)	525 Federal Reserve Bank Bldg., New York, N. Y.
Nelson, Nels (9) (J.G.)	1334 First National-Soo Line Bldg., Minneapolis, Minn.	Stuart, Robt. K. (7)	164 W. Jackson Blvd., Room 1203, Chicago, Ill.
Nieman, Roy E. (8)	1310 Federal Commerce Trust Bldg., St. Louis, Mo.	Swensen, Loren T. (4)	715 Federal Reserve Bank Bldg., Cleveland, Ohio.
Nomland, Harold (10) (R.)	National State Bank, Stockton, Kans.	Swords, Geo. W. (9) (R.)	American Nat'l Bank Bldg., Billings, Mont.
Noone, D. L. (10) (R.)	c/o Union National Bank, Beloit, Kan.	Taylor, O. C. (12) (J.G.)	1103 Alexander Bldg., San Francisco, Calif.
Northcutt, V. H. (6)	P. O. Box 1175, Lakeland, Fla.	Taylor, Wm. (7)	213 Federal Bldg., Des Moines, Iowa.
Ockershausen, F. C. (5) (J.G.)	6th Floor, Nat'l Metropolitan Bank Bldg., Washington, D. C.	Thomas, Thos. C. (4) (R.)	Marietta, Ohio.
Palmer, R. E. A. (12) (J.G.)	400 H. W. Hellman Bldg., Los Angeles, Calif.	Totton, A. F. (12)	1103 Alexander Bldg., San Francisco, Calif.
Parker, Edw. F. (1)	Federal Reserve Bank Bldg., Boston, Mass.	Utt, John F. (7)	care of Sheridan Apts., Fort Wayne, Ind.
Pearson, Herbert (R.)	National Bank of Franklin, Tenn.	Vann, J. R. (6) (R.) (J.G.)	care of First National Bank, Allendale, S. C.
Penn, David V. (10) (J.G.)	P. O. Box 545, Guthrie, Okla.	Von Arb, Edward A. (8)	121 Washington Blvd., Centralia, Ill.
Potter, Fulton F. (7) (R.)	1st National Bank, Cumberland Iowa.	Walker, Harry W. (7)	Hotel Witter, Wisconsin Rapids, Wis.
Powell, Charles E. (7)	164 W. Jackson Blvd., Room 1203, Chicago, Ill.	Wanberg, Joseph F. (7)	213 Federal Bldg., Des Moines, Iowa.
Price, Albert E. (12) (J.G.)	1107 Mattei Bldg., Fresno, Calif.	Watts, John L. (2) (J.G.)	525 Federal Reserve Bank Bldg., New York, N. Y.
Quinn, H. F. (7) (J.G.)	402 Federal Reserve Bank Bldg., Fresno, Calif.	Weigand, Chas. P. (12)	1105 Alexander Bldg., San Francisco, Calif.
Ramsdell, P. C. (5)	6th Floor, Nat'l Metropolitan Bank Bldg., Washington, D. C.	Welday, C. A. (12) (J.G.)	238 Central Bldg., Seattle, Wash.
Ransom, Frank E. (3)	1414 Jefferson Bldg., Philadelphia, Pa.	Whipple, A. P. (4)	715 Federal Reserve Bank Bldg., Cleveland, Ohio.
Rasmussen, Frank E. (2)	525 Federal Reserve Bank Bldg., New York, N. Y.	White, O. W. (10)	506 California Bldg., Denver, Colo.
Reinholdt, Carl A. (8)	4954 Lindell Ave., St. Louis, Mo.	Whitney, H. S. (2)	114 North Munn Ave., East Orange, N. J.
Rial, Benj. P. (10) (J.G.)	800 Federal Reserve Bk. Bldg., Kansas City, Mo.	Williams, C. L. (R.)	Commercial National Bank, Wilmington, N. C.
Riley, Jay M. (10) (R.)	City National Bank, Bismarck, N. D.	Williams, T. M. (12)	400-401 H. W. Hellman Bldg., Los Angeles, Calif.
Roberts, J. H. (11)	602 W. 2d Ave., Corsicana, Texas.	Wilson, Chas. F.	Office, Comptroller of Currency, Washington, D. C.
Roots, J. O. (11)	P. O. Box 1062, Austin, Texas.	Wilson, Edward B. (7)	P. O. Box 477, Council Bluffs, Iowa.
Ross, M. A. (R.)	City National Bank, Kearney, Neb.	Wilson, V. J. (7)	107 Alta Vista Ave., Waterloo, Iowa.
Ryan, Frank J. (1)	Federal Reserve Bank Bldg., Boston, Mass.	Wood, D. R. (5)	Pulaski National Bank Bldg., Pulaski, Va.
Sailor, Vance L. (8)	Rainwater Apts., E. Capitol Ave., Little Rock, Ark.	Woodside, Hal. (8)	586 E. Elm St., Springfield, Mo.
Sanders, J. L. (7)	P. O. Box 592, Indianapolis, Ind.	Wright, E. M. (12)	228 P. O. Bldg., Portland, Ore.
Schmidt, H. W. (7) (J.G.)	P. O. Box 527, Rock Island, Ill.	Wright, Irwin D. (7)	402 Federal Reserve Bank Bldg., Detroit, Mich.
Schofield, John W. (U.)	1539 Hayworth Ave., Hollywood, Calif.	Young, Wm. R. (8)	407 Central State National Bank Bldg., Memphis, Tenn.
Sedlacek, L. H. (9)	1334 First National Soo Line Bldg., Minneapolis, Minn.		
Seitz, T. L. (3) (J.G.)	1414 Jefferson Bldg., Philadelphia, Pa.		
Sevison, Henry (9)	306 Torrey Bldg., Duluth, Minn.		

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

NOTE:—Telegrams, unless otherwise stated, should be sent to the office of the Chief National Bank Examiner.

Numerical System of the A. B. A.

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

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

EXPLANATION OF SYSTEM

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

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

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

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

The Tenth Edition will be published in May, 1928.

VALUES OF FOREIGN COINS

TREASURY DEPARTMENT, OFFICE OF THE SECRETARY.
Washington, D. C., January 1, 1928

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, 1928, 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.

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

Value of Foreign Coins

COUNTRY.	LEGAL STANDARD.	MONETARY UNIT.	Value in Terms of U. S. Money.	REMARKS.	
Argentine Republic	Gold	Peso	\$0.9648	Currency; Paper, normally convertible at 44 per cent of face value.	
Austria	Gold	Schilling	.1407		
Belgium	Gold	Belga	.1390	One Belga equals 5 paper francs.	
Bolivia	Gold	Boliviano	.3893	12½ bolivianos equal 1 pound sterling.	
Brazil	Gold	Milreis	.5462	Currency: Government paper a part of which is legally convertible at 16 pence (= \$0.3244) per milreis; now inconvertible.	
British Colonies in Australasia and Africa.	Gold	Pound sterling	4.8665		
British Honduras	Gold	Dollar	1.0000		
Bulgaria	Gold	Lev	.1930		
Canada	Gold	Dollar	1.0000		
Chile	Gold	Peso	.1217		
China	Silver	Tael	Amoy	.6850	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; is equivalent to .637— of the Haikwan tael.
			Canton	.6829	
			Chefoo	.6551	
			Chin Kiang	.6691	
			Fuchau	.6336	
			Haikwan	.6970	
			Hankow	.6409	
			Kiaochow	.6638	
			Nanking	.6778	
			Niuchwang	.6424	
			Ningpo	.6586	
			Peking	.6678	
			Shanghai	.6257	
			Swatow	.6327	
			Takau	.6893	
Tientsin	.6638				
Yuan	.4439				
Dol.	Hongkong	.4505			
	British Mexican	.4538	Mexican silver pesos issued under Mexican decree of Nov. 15, 1918, are of silver content approximately 41% less than the dollar here quoted; and those issued under decree of October 27, 1919 contain about 51% less silver.		
Columbia	Gold	Peso	.9733	Currency: Government paper and silver.	
Costa Rica	Gold	Colon	.4653	Law establishing conversion office fixes ratio 4 colons (nongold) = \$1 U. S.	
Cuba	Gold	Peso	1.0000		
Denmark	Gold	Krone	.2680		
Dominican Republic	Gold	Dollar	1.0000	U. S. money is principal circulating medium.	
Ecuador	Gold	Sucre	.2000	By law effective March 19, 1927.	
Egypt	Gold	Pound (100 piasters)	4.9431	The actual standard is the British pound sterling, which is legal tender for 97½ piasters.	
Estonia	Gold	Kroon	.2680		
Finland	Gold	Markka	.0252		
France	Gold and Silver	Franc	.1930		
Germany	Gold	Reichsmark	.2382		
Great Britain	Gold	Pound sterling	4.8665		
Greece	Gold and Silver	Drachma	.1930		
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	Pengo	.1749		
India (British)	Gold	Rupee	.3650	By law effective April 1, 1927.	
Indo-China	Silver	Piaster	.4513		
Italy	Gold	Lira	.0526	By decree effective December 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	.0769	Currency: Silver circulating above its metallic value. Gold coin is a commodity only, normally worth double the silver of the same denomination.	
Peru	Gold	Libra	4.8665		
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	.1930		
Russia	Gold	Ruble	.5146	Pre-war unit. (One [Soviet chervonetz = 10 gold rubles.]	
Salvador	Gold	Colon	.5000		
Siam	Gold	Tical	.3709		
Spain	Gold and Silver	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	Odu	En	En
2	Two	Deux	Zwei	Dos	Due	Dois	Twee	Db	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	Åtta
9	Nine	Neuf	Neun	Nueve	Nove	Nove	Negen	Deviat	Ni	Nio
10	Ten	Dix	Zehn	Diez	Dieci	Diez	Tien	Desat	Ti	Tio
11	Eleven	Onze	Elf	Once	Undici	Onze	Elf	Odinnat	Elleve	Elfva
12	Twelve	Douze	Zwölf	Doce	Dodici	Doze	Twaalf	Devenat	Tolv	Tolf
13	Thirteen	Treize	Dreizehn	Trece	Tredici	Treze	Tredien	Trenat	Tretten	Tretton
14	Fourteen	Quatorze	Vierzehn	Catorce	Quattordici	Quatorze	Veertien	Cheterinat	Fjorten	Fjorton
15	Fifteen	Quinze	Fünfzehn	Quince	Quindici	Quinze	Vyftien	Paznat	Femten	Femton
16	Sixteen	Seize	Sechzehn	Diez y seis	Sedici	Dezeseis	Zestien	Schesnad	Sexten	Sexton
17	Seventeen	Dix-sept	Siebzehn	Diez y siete	Diciassette	Dezessete	Zeventien	Semnat	Synten	Sjutton
18	Eighteen	Dix-huit	Achtzehn	Diez y ocho	Diciotto	Dezoito	Achtien	Vosemnat	Atten	Aderton
19	Nineteen	Dix-neuf	Neunzehn	Diez y nueve	Diciannove	Dezeneve	Negentien	Davetnat	Nitten	Nittion
20	Twenty	Vingt	Zwanzig	Veinte	Venti	Vinte	Twintig	Dvat	Tyve	Tjugu
21	Twenty-one	Vingt-et-un	Ein und zwanzig	Viente y uno	Ventiuno	Vinte um	Enen Twintig	Dvatatodnar	En og Tyve	Tjuguen
30	Thirty	Trente	Dreissig	Treinta	Trenta	Trinta	Dertig	Trudat	Tredive	Trettio
40	Forty	Quarante	Vierzig	Cuarenta	Quaranta	Quarenta	Veertig	Sorok	Fyrretyve	Fyrtio
50	Fifty	Cinquante	Fünfzig	Cincuenta	Cinquanta	Cincoenta	Vyftig	Piatdesat	Halvtredsindstyve	Femtio
60	Sixty	Soixante	Sechzig	Sesenta	Sessanta	Sessenta	Zestig	Schestdesat	Tredsindstyve	Sextio
70	Seventy	Soixante-dix	Siebenzig	Setenta	Settanta	Setenta	Zeventig	Semdesat	Halvfjerdindstyve	Sjuttio
80	Eighty	Quatre-vingt	Achtzig	Ochenta	Ottanta	Oitenta	Tachtig	Vosemdesat	Firsindstyve	Åttio
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	Tizat	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	Mesat	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 sigt
	After sight	A jours de vue	Nach Sicht	A. dias vista	Dopo vista	A. dias vista	Dagen na zigt	Po prediavieni	After 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	Pagate al l'ordine	Pagase a ordem	Voor my aan de Order	Nlat it order	Behag at betale til odre	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 förpligtar 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.	Are payable and protestable the day—								
Alabama	8	8	After	After	After	No grace	No grace	3	6	20	10
Alaska	8	12	After	After	Before	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	5
Colorado	8	Any rate [†]	After	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	After	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	After	After	After	No grace	No grace	3	3-12	12	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	10	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	6
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	20 ^T	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	Any rate	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	
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.

† 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.

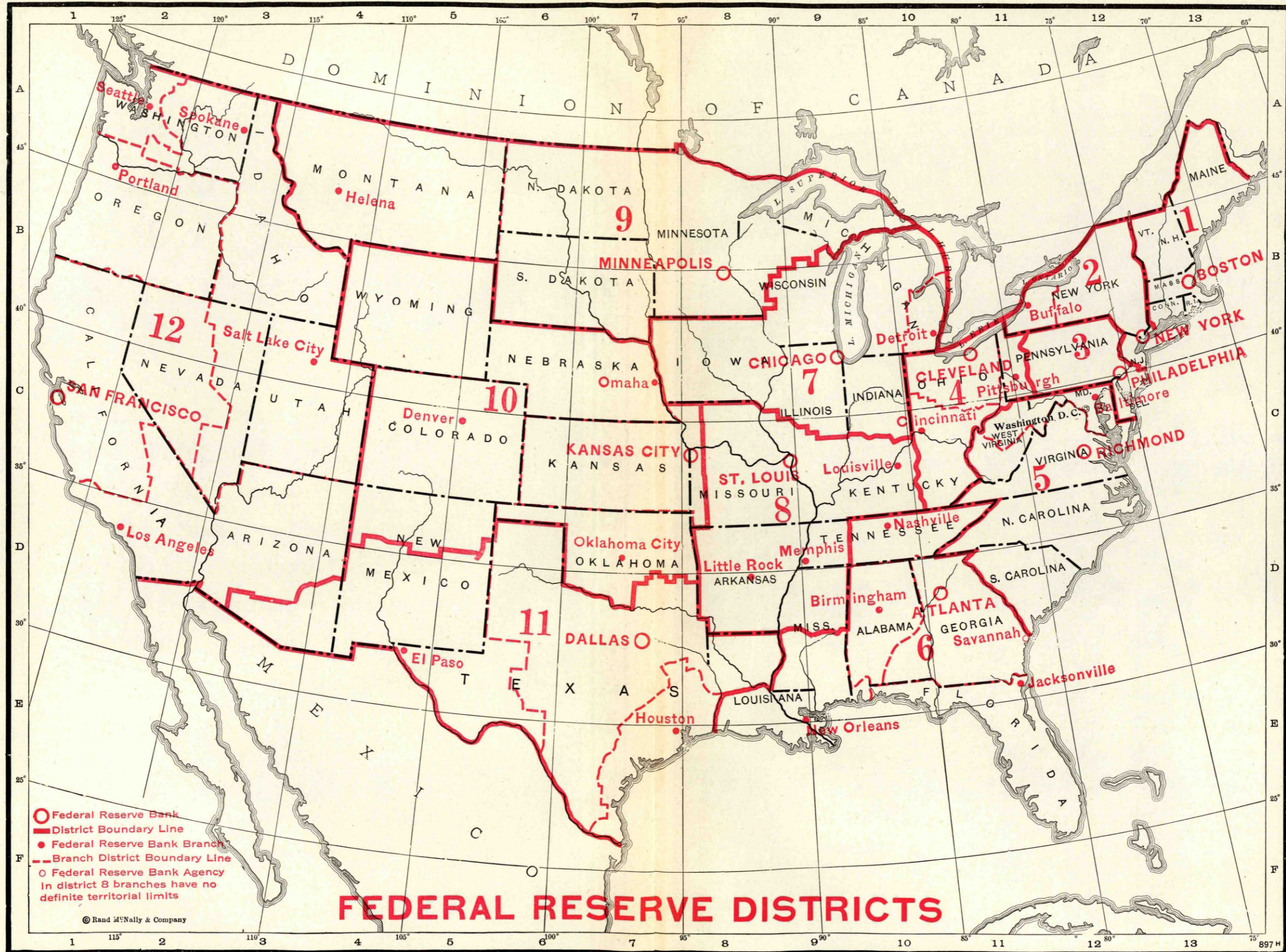
x Becomes dormant five (5) years after the last execution is issued and may be revived within 21 years after becoming dormant.

T Must be revived every five years after entry, to retain lien on real estate.

Ⓢ Also see title interest under Laws.

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.



1928

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	33	34	35
..	..	..	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29			
..

MARCH

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

APRIL

S	M	T	W	T	F	S
92	93	94	95	96	97	98
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					
..

MAY

S	M	T	W	T	F	S
		122	123	124	125	126
..	..	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		
..

JUNE

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

JULY

S	M	T	W	T	F	S
183	184	185	186	187	188	189
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				
..

AUGUST

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

SEPTEMBER

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

OCTOBER

S	M	T	W	T	F	S
	275	276	277	278	279	280
..	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			
..

NOVEMBER

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

DECEMBER

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

Reserves Required to be held by members in Federal Reserve Bank		
Banks Not in Reserve or Central Reserve City	Reserve City Banks	Central Reserve City Banks
7% of 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

- | | |
|--------------------------|-----------------------------|
| Albany, N. Y. | 9. Minneapolis, Minn. |
| 6. Atlanta, Ga. | Muskogee, Okla. |
| Br.5. Baltimore, Md. | Br.6. Nashville, Tenn. |
| Br.6. Birmingham, Ala. | Br.6. New Orleans, La. |
| 1. Boston, Mass. | Oakland, Cal. |
| Br.2. Buffalo, N. Y. | Ogden, Utah |
| Cedar Rapids, Iowa | Br.10. Oklahoma City, Okla. |
| Br.5. Charlotte, N. C. | Br.10. Omaha, Neb. |
| Br.4. Cincinnati, O. | Peoria, Ill. |
| 4. Cleveland, O. | 3. Philadelphia, Pa. |
| Columbus, O. | Br.4. Pittsburgh, Pa. |
| 11. Dallas, Texas | Br.12. Portland, Ore. |
| Br.10. Denver, Colo. | Pueblo, Colo. |
| Des Moines, Iowa | 5. Richmond, Va. |
| Br.7. Detroit, Mich. | St. Joseph, Mo. |
| Dubuque, Iowa | 8. St. Louis, Mo. |
| Br.11. El Paso, Texas | St. Paul, Minn. |
| Fort Worth, Texas | Br.12. Salt Lake City, Utah |
| Galveston, Texas | Br.11. San Antonio, Texas |
| Grand Rapids, Mich. | 12. San Francisco, Cal. |
| Br.9. Helena, Mont. | Ag'y 6. Savannah, Ga. |
| Br.11. Houston, Texas | Br.12. Seattle, Wash. |
| Indianapolis, Ind. | Sioux City, Iowa |
| Br.6. Jacksonville, Fla. | Br.12. Spokane, Wash. |
| Kansas City, Kan. | Toledo, Ohio |
| 10. Kansas City, Mo. | Topeka, Kan. |
| Lincoln, Neb. | Tulsa, Okla. |
| Br.8. Little Rock, Ark. | Waco, Texas |
| Br.12. Los Angeles, Cal. | Washington, D. C. |
| Br.8. Louisville, Ky. | Wichita, Kan. |
| Br.8. Memphis, Tenn. | |
| Milwaukee, Wis. | |

Those cities which are preceded by a number are Federal Reserve Bank cities and the number in each instance is the District number in which the city is located. Br. signifies that a branch bank is located in that city. Ag'y signifies that an agency is located in that city.

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

FEDERAL RESERVE BOARD

WASHINGTON, D. C.

Ex-officio Members

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

J. W. McINTOSH,
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.*

J. C. NOELL, *Assistant Secretary.*

E. M. McCLELLAND,
Assistant Secretary.

W. M. IMLAY, *Fiscal Agent.*

J. F. HERSON, *Chief, Division of Examination and Chief Federal Reserve Examiner.*

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—(1928)

ARTHUR M. HEARD, *Boston, District No. 1*

JAMES S. ALEXANDER,
New York, District No. 2

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

HARRIS CREECH,
Cleveland, District No. 4

JOHN F. BRUTON, *Vice-President*
Richmond, District No. 5

P. D. HOUSTON, *Atlanta, District No. 6*

FRANK O. WETMORE, *President*
Chicago, District No. 7

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

THEODORE WOLD,
Minneapolis, District No. 9

P. W. GOEBEL, *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 377; State Banks 37.

DIRECTORS

CLASS A:—ALFRED L. RIPLEY (1929), Boston; F. S. CHAMBERLAIN (1928), New Britain, Conn.; EDWARD S. KENNARD (1930), Rumford, Maine.

CLASS B:—ALBERT C. BOWMAN (1928), Springfield, Vermont; PHILIP R. ALLEN (1929), East Walpole, Mass. C. G. WASHBURN (1930), Worcester, Mass.

CLASS C:—FREDERIC H. CURTISS (1929), Boston, *Chairman of Board and Federal Reserve Agent*; CHARLES H. MANCHESTER (1928), Providence, R. I.; ALLEN HOLLIS (1930), Concord, N. H., *Deputy Chairman*. ARTHUR M. HEARD, Manchester, N. H., *Member Federal Advisory Council*.

OFFICERS

W. P. G. HARDING, *Governor*; WILLIAM W. PADDOCK, *Deputy Governor*; FREDERIC H. CURTISS, *Chairman and Federal Reserve Agent*; ALLEN HOLLIS, *Deputy Chairman of the Board*; CHARLES F. GETTEMY, *Assistant Federal Reserve Agent*; WILLIAM WILLET, *Cashier*; KRICKEL K. CARRICK, *Secretary*.

ASSISTANT CASHIERS:—ERNEST M. LEAVITT, L. WALLACE SWEETSER, and ELLIS G. HULT.

HARRY F. CURRIER, *Auditor*; ARTHUR H. WEED, *Counsel*.

(Statement of Jan. 4, 1928)

LIABILITIES	RESOURCES
F. R. notes in actual circulation.....\$147,857,000	Gold with Federal Reserve Agent.....\$130,712,000
Deposits:	Gold redemption fund with U. S. Treasury... 4,697,000
Member bank—reserve account..... 158,047,000	Gold held exclusively against F. R. notes \$135,409,000
Government..... 1,479,000	Gold settlement fund with F. R. Board..... 18,960,000
Foreign bank..... 347,000	Gold and gold certificates held by bank..... 38,544,000
Other deposits..... 273,000	Total gold reserves.....\$192,913,000
Total deposits.....\$160,146,000	Reserves other than gold..... 14,684,000
Deferred availability items..... 86,175,000	Total reserves.....\$207,597,000
Capital paid in..... 9,412,000	Non-reserve cash..... \$10,273,000
Surplus..... 17,893,000	Bills discounted:
All other liabilities..... 217,000	Sec. by U. S. Government obligations.... 8,981,000
Total miscellaneous liabilities.....\$113,697,000	Other bills discounted..... 10,860,000
TOTAL LIABILITIES.....\$421,700,000	Total bills discounted.....\$19,841,000
	Bills bought in open market..... \$50,184,000
	U. S. Government securities:
	Bonds..... 15,327,000
	Treasury notes..... 5,001,000
	Certificates of indebtedness..... 15,414,000
	Total U. S. Government securities.... \$35,742,000
	Total bills and securities.....\$105,767,000
	Due from foreign banks..... 36,000
	Uncollected items..... 94,118,000
	Bank premises..... 3,824,000
	All other resources..... 85,000
	Total miscellaneous resources.....\$98,063,000
	TOTAL RESOURCES.....\$421,700,000

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 768; State Banks 57; Trust Companies 111. Total 936.

DIRECTORS

Class	Group	Name	Term Expires Dec. 31	Class	Group	Name	Term Expires Dec. 31
A	1	JACKSON E. REYNOLDS, New York City President, First National Bank	1928	B	2	THEODORE F. WHITMARSH, New York City President, Francis H. Leggett & Co.,	1929
A	2	ROBERT H. TREMAN, Ithaca, N. Y. President, The Tompkins County National Bank	1929	B	3	SAMUEL W. REYBURN, New York City President Lord & Taylor	1930
A	3	DELMER RUNKLE, Hoosick Falls, N. Y. President, Peoples National Bank	1930	C		GATES W. MCGARRAH, New York City Chairman	1928
B	1	WILLIAM H. WOODIN, New York City President, American Car & Foundry Co.	1928	C		OWEN D. YOUNG, New York City Deputy Chairman Chairman, General Electric Company	1929
				C		CLARENCE M. WOOLLEY, Greenwich, Conn. Chairman, American Radiator Co.	1930

MEMBER FEDERAL ADVISORY COUNCIL

JAMES S. ALEXANDER, *Chairman National Bank of Commerce in New York.*

OFFICERS

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</i>
	EDWARD L. DODGE, <i>General Auditor.</i>

GENERAL OFFICERS

BENJ. STRONG, <i>Governor</i>		
J. HERBERT CASE, <i>Deputy Governor</i>	LESLIE R. ROUNDS, <i>Deputy Governor</i>	EDWIN R. KENZEL, <i>Deputy Governor</i>
GEORGE L. HARRISON, <i>Deputy Governor</i>	LOUIS F. SAILER, <i>Deputy Governor</i>	ARTHUR W. GILBERT, <i>Deputy Governor</i>
RAY M. GIDNEY, <i>Assistant Deputy Governor</i>	J. WILSON JONES, <i>Assistant Deputy Governor</i>	
JAY E. CRANE, <i>Assistant Deputy Governor and Secretary</i>	WALTER B. MATTESON, <i>Assistant Deputy Governor</i>	

L. RANDOLPH MASON, *General Counsel*

JUNIOR OFFICERS

DUDLEY H. BARROWS, <i>Manager, Administration Department</i>	ROBERT F. McMURRAY, <i>Manager, Collection Department</i>
EDWIN C. FRENCH, <i>Manager, Cash Department</i>	JAMES M. RICE, <i>Manager, Accounting Department</i>
ROBERT M. O'HARA, <i>Manager, Bill Department</i>	STEPHEN S. VANSANT, <i>Manager, Government Bond and Safekeeping Department</i>
WILLIAM A. SCOTT, <i>Manager, Foreign Department</i>	I. WARD WATERS, <i>Manager, Check Department</i>
CHARLES H. COE, <i>Manager, Loan and Discount Department</i>	

BUFFALO BRANCH

DIRECTORS

FRANK W CRANDALL, President, National Bank of Westfield, Westfield, N. Y.	ELLIOTT C. MCDUGAL, Chairman, Marine Trust Company, Buffalo
ARTHUR HOUGH, Chairman President, Wiard Plow Company, Batavia, N. Y.	FRED B. COOLEY, President, New York Car Wheel Co., Buffalo
EDWARD A. DUERR, President, Community National Bank, Buffalo	HARRY T. RAMSDELL, Chairman, Mfrs. and Traders Trust Co., Buffalo
WALTER W. SCHNECKENBURGER, <i>Managing Director</i>	

OFFICERS

WALTER W. SCHNECKENBURGER, <i>Managing Director</i>	CLIFFORD L. BLAKESLEE, <i>Assistant Cashier</i>
HALSEY W. SNOW, JR., <i>Cashier</i>	ELMER L. THEOBALD, <i>Assistant Cashier</i>

(Statement of December 31, 1927)

LIABILITIES

CURRENCY IN CIRCULATION	
FEDERAL RESERVE NOTES in actual circulation, payable on demand. These notes are secured in full by gold and discounted and purchased paper.....	\$ 390,343,496.50
TOTAL CURRENCY IN CIRCULATION.....	\$ 390,343,496.50
DEPOSITS	
RESERVE DEPOSITS maintained by member banks as legal reserves against the deposits of their customers.....	\$1,009,922,990.27
UNITED STATES GOVERNMENT DEPOSITS carried at the Reserve Bank for current requirements of the Treasury.....	1,565,311.84
OTHER DEPOSITS including foreign deposits, deposits of non-member banks, etc.....	12,761,471.57
TOTAL DEPOSITS.....	\$1,024,249,773.68
MISCELLANEOUS LIABILITIES	
DEFERRED ITEMS, composed mostly of uncollected checks on banks in all parts of the country. Such items are credited as deposits after the average time needed to collect them elapses, ranging from 1 to 8 days.....	\$ 170,612,489.82
ALL OTHER MISCELLANEOUS LIABILITIES.....	1,905,036.39
TOTAL MISCELLANEOUS LIABILITIES.....	\$ 172,517,526.21
CAPITAL AND SURPLUS	
CAPITAL PAID IN, equal to 3 per cent of the capital and surplus of member banks.....	\$ 40,309,600.00
SURPLUS—That portion of accumulated net earnings which the bank is legally required to retain.....	63,007,196.76
TOTAL CAPITAL AND SURPLUS.....	103,316,796.76
TOTAL LIABILITIES.....	\$1,690,427,593.15

RESOURCES

CASH RESERVES held by this bank against its deposits and note circulation:	
GOLD HELD BY THE FEDERAL RESERVE AGENT as part of the collateral deposited by the bank when it obtains Federal Reserve notes. This gold is lodged partly in the vaults of the bank and partly with the Treasurer of the United States.....	\$ 320,067,446.50
GOLD REDEMPTION FUND in the hands of the Treasurer of the United States to be used to redeem such Federal Reserve notes as are presented to the Treasury for redemption.....	17,171,916.69
GOLD AND GOLD CERTIFICATES in vault.....	372,076,393.63
GOLD IN THE GOLD SETTLEMENT FUND lodged with the Treasurer of the United States for the purpose of settling current transactions between Federal Reserve districts.....	159,285,227.90
LEGAL TENDER NOTES, SILVER, AND SILVER CERTIFICATES in the vaults of the bank (available as reserve only against deposits).....	24,598,953.00
TOTAL CASH RESERVES.....	\$ 893,199,937.81
NON-RESERVE CASH consisting largely of National Bank Notes, and minor coin.....	20,923,803.11
LOANS AND INVESTMENTS	
LOANS TO MEMBER BANKS:	
On the security of obligations of the United States.....	230,800,050.00
By the discount of commercial or agricultural paper or acceptances.....	50,537,894.62
ACCEPTANCES bought in the open market.....	97,652,134.74
UNITED STATES GOVERNMENT bonds, notes, and certificates of indebtedness.....	181,470,900.00
TOTAL LOANS AND INVESTMENTS.....	\$ 560,469,979.36
MISCELLANEOUS RESOURCES	
BANK PREMISES.....	\$ 15,881,823.71
CHECKS AND OTHER ITEMS IN PROCESS OF COLLECTION.....	193,847,416.29
ALL OTHER MISCELLANEOUS RESOURCES.....	6,104,632.87
TOTAL MISCELLANEOUS RESOURCES.....	215,833,872.87
TOTAL RESOURCES.....	\$1,690,427,593.15

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 690; State Banks 90.

DIRECTORS

CLASS A:—JOHN C. COSGROVE (1928), Johnstown, Pa.; JOS. WAYNE, JR. (1929), Philadelphia; GEORGE W. REILY (1930), Harrisburg, Pa.

CLASS B:—C. FREDERICK C. STOUT, (1928), Philadelphia; ARTHUR W. SEWALL (1929), Philadelphia; ARTHUR C. DORRANCE (1930), Camden, N. J.

CLASS C:—RICHARD L. AUSTIN (1929), Philadelphia, *Chairman of Board*; HARRY L. CANNON (1928), Bridgeville, Del.; ALBA B. JOHNSON (1930), Philadelphia..

OFFICERS

GEO. W. NORRIS, *Governor*; WILLIAM H. HUTT, *Deputy Governor*; C. A. McILHENNY, *Cashier and Secretary*. ASSISTANT CASHIERS:—W. J. DAVIS, JAMES M. TOY, R. M. MILLER, Jr., F. W. LABOLD and S. R. EARL.

RICHARD L. AUSTIN, *Chairman and Federal Reserve Agent*; ARTHUR E. POST, *Assistant Federal Reserve Agent*; ERNEST C. HILL, *Assistant Federal Reserve Agent*.

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

(Statement of Jan. 11, 1928)

LIABILITIES	RESOURCES
F. R. notes in actual circulation.....\$128,350,885.00	Gold with Federal Reserve Agent \$98,481,285.00
Deposits:	Gold redemption fund with U. S. Treasury 4,776,775.67
Member bank—reserve account..... 142,475,850.77	Gold held exclusively against F. R. notes.. 103,258,060.67
Government..... 817,300.27	Gold settlement fund with F. R. Board .. 36,876,531.54
Foreign bank..... 459,669.48	Gold and gold certificates held by bank .. 24,172,208.00
Other deposits..... 146,841.86	Total gold reserves .....\$164,306,800.21
Total deposits.....\$143,899,662.38	Reserves other than gold..... 10,713,966.00
Deferred availability items..... 52,501,752.66	Total reserves..... \$175,020,766.21
Capital paid in..... 13,243,250.00	Non-reserve cash..... 1,588,006.56
Surplus..... 21,662,257.21	Bills discounted:
All other liabilities..... 255,465.53	Secured by U. S. Government obligations 33,279,128.00
TOTAL LIABILITIES.....\$359,913,272.78	Other bills discounted..... 8,338,469.10
	Total bills discounted..... 41,617,597.10
	Bills bought in open market..... 38,954,126.67
	U. S. Government securities:
	Bonds..... 13,471,100.000
	Treasury notes..... 9,639,500.00
	Certificates of indebtedness..... 20,851,000.00
	Total U. S. Government securities... 43,961,600.00
	Total bills and securities..... 124,533,323.77
	Due from foreign banks..... 46,610.56
	Uncollected items..... 56,712.678
	Bank premises..... 1,748,939.70
	All other resources..... 262,947.87
	TOTAL RESOURCES..... \$359,913,272.78

DISTRICT No. 4—Bank Located at Cleveland. (Transit Number 6-1)

(Federal Reserve Bank Bldg.—East Sixth St. and Superior Ave.)

TERRITORY IN DISTRICT—State of Ohio, all that part of Pennsylvania west of the eastern boundaries of the following counties: Warren, Forest, Jefferson, Indiana, and Somerset, the counties of Marshall, Ohio, Brooke, Tyler, Wetzel, and Hancock in the State of West Virginia, and all that part of the State of Kentucky located east of the western boundary of the following counties: Boone, Grant, Scott, Woodford, Jessamine, Garrard, Lincoln, Pulaski, and McCreary. Membership: National Banks 731; State Banks 110.

DIRECTORS

CLASS A:—ROBERT WARDROP (1929), Pittsburgh; CHESS LAMBERTON (1928), Franklin, Pa.; O. N. SAMS (1930), Hillsboro, Ohio.

CLASS B:—R. P. WRIGHT (1928), Erie, Pa.; S. P. Bush (1930), Columbus, Ohio; G. D. CRABBS (1929), Cincinnati, Ohio.

CLASS C:—GEORGE DE CAMP (1929), Cleveland, *Chairman of Board*; L. B. WILLIAMS (1928), 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, CHAS. W. DUPUIS, 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 23)

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, CHAS. W. BROWN, A. L. HUMPHREY, A. E. BRAUN, AND J. C. NEVIN, Pittsburgh;
J. R. EISAMAN, Greensburg, Pa.; JOSEPH R. NAYLOR, Wheeling, W. Va.

(Statement of January 4, 1928)

LIABILITIES	RESOURCES
Federal Reserve notes in actual circulation.....\$212,846,000	Gold with Federal Reserve Agent.....\$178,724,000
Deposits:	Gold redemption fund with U. S. Treasury.. 3,692,000
Member bank—reserve account..... 180,569,000	Gold held exclusively against F. R. notes . 182,416,000
Government..... 1,254,000	Gold settlement fund with F. R. Board..... 25,794,000
Foreign bank..... 491,000	Gold and gold certificates held by banks... 39,793,000
Other deposits..... 1,090,000	Total gold reserves..... 248,003,000
Total deposits.....\$183,404,000	Reserves other than gold..... 13,347,000
Deferred availability items..... 74,219,000	Total reserves.....\$261,350,000
Capital paid in..... 13,979,000	Non-reserve cash..... 7,070,000
Surplus..... 24,021,000	Bills discounted:
All other liabilities..... 1,060,000	Secured by U. S. Government obligations. 54,052,000
	Other bills discounted . 14,233,000
	Total bills discounted . 68,285,000
	Bills bought in open market..... 21,543,000
	U. S. Government securities:
	Bonds..... 16,155,000
	Treasury notes..... 11,058,000
	Certificates of indebtedness . 35,028,000
	Total U. S. Government securities . 62,241,000
	Total Bills and securities.....\$152,069,000
	Due from foreign banks..... 52,000
	Uncollected items..... 80,814,000
	Bank premises..... 6,865,000
	All other resources..... 1,309,000
TOTAL LIABILITIES.....\$509,529,000	TOTAL RESOURCES.....\$509,529,000

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 512; State Banks 52.

DIRECTORS

CLASS A:—JAMES C. BRASWELL (1928), Rocky Mount, N. C.; L. E. JOHNSON (1929), Alderson, W. Va.; CHAS. E. RIEMAN (1930), Baltimore, Md.

CLASS B:—EDWIN C. GRAHAM (1928), Washington, D. C.; DAVID R. COKER (1929), Hartsville, S. C.; EDMUND STRUDWICK (1930), Richmond.

CLASS C:—W. W. HOXTON (1929), Richmond, *Chairman of Board*; ROBERT LASSITER (1928), Charlotte, N. C.; FREDERIC A. DELANO (1930), Washington, D. C.

JOHN F. BRUTON, Wilson, N. C. *Member Federal Advisory Council*.

OFFICERS

GEORGE J. SEAY, *Governor*; CHAS. A. PEPE, *Deputy Governor*; R. H. BROADDUS, *Deputy Governor*; J. S. WALDEN, Jr., *Controller*; GEORGE H. KEESEE, *Cashier*; ALBERT S. JOHNSTONE, *Manager, Personnel and Service Department*; JOHN T. GARRETT, *Manager, Bank Relations Department*; T. F. EPES, *Auditor*; W. W. DILLARD, *Assistant Cashier*; EDWARD WALLER, Jr., *Assistant Cashier*; MAXWELL G. WALLACE, *Counsel*; W. W. HOXTON, *Chairman of the Board and Federal Reserve Agent*; J. G. FRY, *Assistant Federal Reserve Agent*.

BALTIMORE BRANCH. (Transit Number 7-27)

(South and Redwood Sts.)

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

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 January 25, 1928)

LIABILITIES	RESOURCES
Federal Reserve notes in actual circulation.....\$ 68,672,000	Gold with Federal Reserve Agent.....\$ 47,107,000
Deposits:	Gold redemption fund with U. S. Treasury.. 1,865,000
Member bank—reserve accounts..... 72,220,000	Gold held exclusively against F. R. notes . 48,972,000
Government..... 2,199,000	Gold settlement fund with F. R. Board..... 12,583,000
Foreign bank..... 247,000	Gold coin and certificates held by bank.... 10,894,000
Other deposits..... 153,000	Total gold reserves..... 72,449,000
Total deposits.....\$74,819,000	Reserves other than gold..... 11,218,000
Deferred availability items..... 47,190,000	Total reserves..... 83,667,000
Capital paid in..... 6,238,000	Non-reserve cash..... 9,494,000
Surplus..... 12,324,000	Bills discounted:
All other liabilities..... 827,000	Secured by U. S. Government obligations. 11,018,000
	Other bills discounted . 13,545,000
	Total bills discounted . 24,563,000
	Bills bought in open market..... 29,744,000
	U. S. Government securities:
	Bonds..... 1,153,000
	Treasury notes..... 4,841,000
	Certificates of indebtedness . 3,410,000
	Total U. S. Government securities . 9,404,000
	Total bills and securities..... 63,711,000
	Due from foreign banks..... 25,000,000
	Uncollected items..... 49,873,000
	Bank premises..... 2,890,000
	All other resources..... 410,000
TOTAL LIABILITIES.....\$210,070,000	TOTAL RESOURCES.....\$210,070,000

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 390; State Banks 83.

DIRECTORS

CLASS A:—H. L. YOUNG (1930), Atlanta, Ga.; E. C. MELVIN (1928), Selma, Ala.; G. G. WARE (1929), Leesburg, Fla.

CLASS B:—LEON C. SIMON (1929), New Orleans, La.; J. A. McCRARY (1930), Decatur, Ga.; LUKE LEA (1928), Nashville, Tenn.

CLASS C:—OSCAR NEWTON (1929), Atlanta, Ga., *Chairman*; W. H. KETTIG (1928), Birmingham, Ala. *Deputy Chairman*; G. S. HARRIS (1930), Atlanta, Ga.

P. D. HOUSTON, Nashville, Tenn., *Member Federal Advisory Council*.

OFFICERS

E. R. BLACK, *Governor*; HUGH FOSTER, *Deputy Governor*, CREED TAYLOR, *Deputy Governor*; M. W. BELL, *Cashier*; R. A. SIMS, H. F. CONNIFF, V. K. BOWMAN, C. R. CAMP, *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*; RANDOLPH & PARKER, *General Counsel*.

NEW ORLEANS BRANCH. (Transit Number 14-21)

DIRECTORS

LEON C. SIMON, *Chairman*; MARCUS WALKER, J. P. BUTLER, JR., P. H. SAUNDERS, R. S. HECHT, New Orleans, La.; 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

JOHN C. COOPER, *Chairman*; FULTON SAUSSEY, GEORGE R. DESAUSSURE, EDW. W. LANE, C. P. KENDALL, Jacksonville, Fla.; G. G. WARE, Leesburg, Fla.; S. O. CHASE, Sanford, Fla.

OFFICERS

GEORGE R. DESAUSSURE, *Managing Director*; W. S. McLARIN, 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.; T. A. EMBREY, Winchester, Tenn.; WM. P. RIDLEY, Columbia, Tenn.

OFFICERS

JOEL B. FORT, JR., *Managing Director*; E. C. HUGGINS, JR., *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*.

MEMBER FEDERAL ADVISORY COUNCIL

P. D. HOUSTON, Nashville, Tenn.

(Statement as of Jan. 1, 1928)

LIABILITIES	RESOURCES
F. R. notes in actual circulation..... \$144,096,780.00	Gold with Federal Reserve Agent... \$145,772,030.00
Deposits:	Gold redemption fund..... 1,687,643.39
Member banks—reserve account...\$73,243,579.12	Gold held exclusively against F. R. notes.....\$147,459,673.39
Government..... 1,532,094.63	Gold settlement fund with F. R. Board 11,790,817.12
Foreign banks..... 189,758.72	Gold and gold certificates held by bank 8,078,507.50
Other deposits..... 169,769.54	Total gold reserves.....\$167,328,998.01
Total deposits.....\$75,135,202.01	Reserves other than gold..... 11,946,369.00
Deferred availability items.....\$23,981,459.10	Total reserves.....\$179,275,367.01
Capital paid in..... 5,175,450.00	Non-reserve cash..... 4,371,293.48
Surplus..... 9,995,853.55	Bills discounted:
All other liabilities..... 277,610.43	Sec. by U. S. Government obligations 8,052,926.01
TOTAL LIABILITIES.....\$258,662,355.09	Other bills discounted..... 20,149,552.83
	Total bills discounted.....\$28,202,478.84
	Bills bought in open market..... 2,238,469.08
	U. S. Government securities:
	Bonds..... 5,971,300.00
	Treasury notes..... 893,250.00
	Certificates of indebtedness..... 6,720,800.00
	Total U. S. Government securities.....\$13,585,350.00
	Other securities..... 260,000.00
	Total bills and securities.....\$44,286,297.92
	Due from foreign banks..... 20,000.23
	Uncollected items..... 26,545,017.79
	Bank premises..... 2,823,293.47
	All other resources..... 1,341,085.19
	TOTAL RESOURCES.....\$258,662,355.09

FEDERAL RESERVE BANK INFORMATION

DISTRICT No. 7—Bank Located at Chicago. (Transit No. 2-30)

(230 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 1003; State Banks 316.

DIRECTORS AND OFFICERS

Class A—Directors

GEORGE M. REYNOLDS, Chicago, Ill. (1930)
ELBERT L. JOHNSON, Waterloo, Iowa (1929)
CHARLES H. McNIDER, Mason City, Iowa (1928)

Class B—Directors

AUGUST H. VOGEL, Milwaukee, Wis. (1930)
ROBERT MUELLER, Decatur Ill. (1929)
STANFORD T. CRAPO, Detroit, Mich. (1928)

Class C—Directors

WILLIAM A. HEATH, Evanston, Ill. (1930)
JAMES SIMPSON, Chicago, Ill. (1929)
FRANK C. BALL, Muncie, Ind. (1928)

Officers

WILLIAM A. HEATH, Chairman and Federal Reserve Agent
JAMES SIMPSON, Deputy Chairman
WILLIAM H. WHITE, Assistant Federal Reserve Agent and Manager, Examinations.
FRANK M. HUSTON, Manager, Division of Research and Statistics
FRANCIS R. BURGESS, Auditor
WALTER A. HOPKINS, Assistant Auditor
CHARLES L. POWELL, 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.
F. P. PURVINGTON, 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, 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.

Fiscal Agency

DON A. JONES, Controller, Fiscal Agency Functions.

DETROIT BRANCH. (Transit No. 9-29)

(Fort and Shelly Streets)

Directors

GEORGE B. MORLEY—(1927) N. P. HULL—(1929)
WILLIAM J. GRAY—(1928) JAMES INGLIS—(1928)
DAVID McMORRAN—(1927) JOHN W. STALEY (1929)
WILLIAM R. CATION, Managing Director

Officers

WILLIAM R. CATION, Manager
HARLAN J. CHALFONT, Cashier
GEORGE T. JARVIS, Assistant Cashier
JOHN G. BASKIN, Assistant Cashier
FLOYD L. BOWEN, Assistant Auditor
HENRY M. BUTZEL, Assistant Counsel

(Statement as of January 4, 1928)

LIABILITIES	RESOURCES
F. R. notes in actual circulation.....	\$263,127,920.00
Deposits:	
Member bank—reserve account.....	357,294,720.66
Government.....	965,102.85
Foreign bank.....	638,700.08
Other deposits.....	1,127,956.98
Total deposits.....	\$360,026,480.57
Deferred availability items.....	85,398,198.79
Capital paid in.....	17,965,150.00
Surplus.....	32,778,449.93
All other liabilities.....	1,972,743.63
TOTAL LIABILITIES.....	\$761,268,942.92
	Gold with Federal Reserve Agent..... \$247,766,965.00
	Gold redemption fund with U. S. Treasury.. 3,803,533.80
	Gold held exclusively against F. R. notes... \$251,570,498.80
	Gold settlement fund with F. R. Board..... 107,435,219.28
	Gold and gold certificates held by bank..... 56,253,435.49
	Total gold reserves..... \$415,259,153.57
	Reserves other than gold..... 17,275,375.00
	Total reserves..... \$4432,534,528.57
	Non-reserve cash..... 9,673,476.52
	Bills discounted:
	Sec. by U. S. government obligations..... 43,044,250.00
	Other bills discounted..... 20,678,697.77
	Total bills discounted..... \$63,722,947.77
	Bills bought in open market..... \$63,117,499.95
	U. S. Government securities.....
	Bonds..... 48,998,900.00
	Treasury notes..... 10,833,000.00
	Certificates of indebtedness..... 28,126,000.00
	Total U. S. Government securities..... 87,957,900.00
	Total bills and securities..... \$214,798,347.72
	Due from foreign banks..... 67,317.90
	Uncollected items..... 94,251,026.20
	Bank premises..... 8,609,334.48
	All other resources..... 1,334,911.53
	TOTAL RESOURCES.....
	\$761,268,942.92

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 488; State Banks 116.

DIRECTORS

CLASS A:—JOHN G. LONSDALE (1929), St. Louis; JOHN C. MARTIN (1928), Salem, Ill.; MAX B. NAHM (1930), Bowling Green, Ky.

CLASS B:—ROLLA WELLS (1930), St. Louis; WILLIAM B. PLUNKETT (1928), Little Rock, Ark.; LE ROY PERCY (1929), Greenville, Miss.

CLASS C:—WM. McC. MARTIN (1930), St. Louis, *Chairman of Board and Federal Reserve Agent*; JOHN W. BOEHNE (1929), Evansville, Ind., *Deputy Chairman*; PAUL DILLARD (1928), Memphis, Tenn.

WALTER W. SMITH, St. Louis, Mo., *Member Federal Advisory Council.*

OFFICERS

WM. McC. MARTIN, *Chairman of the Board and Federal Reserve Agent*; C. M. STEWART, *Assistant Federal Reserve Agent*; D. C. BIGGS, *Governor*; OLIN M. ATTEBERY, *Deputy Governor*; JAMES G. McCONKEY, *Secretary and Counsel*; A. H. HALL, J. W. RINKLEFF, S. F. GILMORE, F. N. HALL, and C. A. SCHACHT, *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, W. A. HICKS, HAMP WILLIAMS, STUART WILSON, and MOORHEAD WRIGHT.

LOUISVILLE BRANCH. (Transit Number 21-59)

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

DIRECTORS

WILLIAM BLACK, EUGENE E. HOGE, HENRY E. JEWETT, W. P. KINCHELOE, JOHN T. REYNOLDS, EMBRY L. SWEARINGEN, and E. H. WOODS.

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, J. D. McDOWELL, WILLIAM ORGILL, T. K. RIDDICK, and R. B. SNOWDEN.

(Statement of December 31, 1927)

LIABILITIES		RESOURCES	
Capital paid in	\$ 5,341,300	Gold and gold certificates	\$ 11,890,427
Surplus fund	10,396,966	Gold settlement fund, F. R. Board	18,134,176
Government deposits	1,062,421	Gold with Federal Reserve Agent	41,206,770
Due to members—reserve account	89,861,638	Gold redemption fund	2,220,506
Foreign bank	199,015	Reserves other than gold	12,897,748
All other deposits	419,020	Total reserve	\$ 86,349,628
Total deposits	\$ 91,542,096	Non-reserve cash	4,251,536
Federal Reserve notes in actual circulation	56,666,390	Bills discounted—Secured by Government obligations	12,070,214
Deferred availability items	33,286,095	Bills discounted—all other	7,224,283
All other liabilities	567,780	For Federal Intermediate Credit Banks	122,710
		Bills bought in open market	5,046,364
		U. S. Government Bonds	18,869,000
		U. S. Treasury Notes	7,432,500
		U. S. certificates of indebtedness	11,861,500
		Bank premises	3,790,775
		Uncollected items	40,038,004
		All other resources	744,111
TOTAL LIABILITIES	\$197,800,625	TOTAL RESOURCES	\$197,800,625

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 678; State Banks 61.

DIRECTORS

CLASS A:—P. J. LEEMAN (1928), Minneapolis; J. C. BASSETT (1926), Aberdeen, S. D.; KARL J. FARUP (1930), Park River, N. Dak.

CLASS B:—PAUL N. MEYERS (1928), St. Paul; N. B. HOLTER (1926), Helena, Mont.; JOHN S. OWEN (1930), Eau Claire, Wis.

CLASS C:—JOHN R. MITCHELL (1929), *Chairman*, HOMER P. CLARK (1930), *Deputy Chairman*, St. Paul; GEO. W. McCORMICK (1928), Menominee, Mich.

OFFICERS

W. B. GEERY, *Governor*; B. V. MOORE, *Deputy Governor*; HARRY YAEGER, *Deputy Governor*; FRANK C. DUNLOP, *Controller*; GRAY WARREN, *Cashier*; L. E. RAST, *Assistant Cashier*; H. C. CORE, *Assistant Cashier*; H. I. ZIEMER, *Assistant Cashier*; A. R. LARSON, *Assistant Cashier*; ANDREAS UELAND, *Legal Counsel*; SIGRUD 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*.

MEMBER OF FEDERAL ADVISORY COUNCIL

THEODORE WOLD, Minneapolis, Minn.

HELENA BRANCH. (Transit Number 93-26)

DIRECTORS

THOMAS A. MARLOW, Helena; L. M. FORD, Great Falls; R. O. KAUFMAN, Helena; C. J. KELLY, Butte; HENRY SIEBEN and R. E. TOWLE, Helena.

OFFICERS

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

(Statement of January 6, 1928)

LIABILITIES		RESOURCES	
F. R. notes in actual circulation	\$ 60,960,855.00	Gold with Federal Reserve Agent	\$ 50,160,755.00
Deposits:		Gold redemption fund with U. S. Treasury	1,865,841.57
Member bank—reserve account	52,196,098.04	Gold held exclusively against F. R. notes	52,026,596.57
Government	2,116,690.61	Gold settlement fund with F. R. Board	14,322,546.53
Foreign bank	138,847.84	Gold and gold certificates held by bank	4,901,330.00
Other deposits	346,665.90	Total gold reserves	71,250,473.10
Total deposits	54,798,302.39	Reserve other than gold	4,200,882.50
Deferred availability items	13,184,736.47	Total reserves	75,451,355.60
Capital paid in	3,009,400.00	Non-reserve cash	1,369,770.26
Surplus	7,038,563.05	Bills discounted:	
All other liabilities	794,065.31	Sec. by U. S. Government obligations	1,809,567.79
		Other bills discounted	1,542,432.69
		Total bills discounted	3,352,000.48
		Bills bought in open market	16,918,691.47
		U. S. Government securities:	
		Bonds	11,677,961.00
		Treasury notes	5,376,750.00
		Certificates of indebtedness	6,845,000.00
		Total U. S. Government securities	23,899,711.00
		Total bills and securities	44,790,402.95
		Due from foreign banks	14,634.32
		Uncollected items	14,890,312.88
		Bank premises	2,201,713.26
		All other resources	1,067,732.95
TOTAL LIABILITIES	\$139,785,922.22	TOTAL RESOURCES	\$139,785,922.22

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, Bernallillo, Santa Fe, San Miguel, Harding and Union.

Membership: National Banks 941; State Banks 27.

DIRECTORS

CLASS A:—E. E. MULLANEY (1929), Hill City, Kan.; FRANK W. SPONABLE (1928), Paola, Kan.; C. C. PARKS (1927), Denver, Colo.

CLASS B:—L. E. PHILLIPS (1929), Bartlesville, Okla.; THOS. C. BYRNE (1927), Omaha, Neb.; J. M. BERNARDIN (1928), Kansas City, Mo.

CLASS C:—M. L. McCLURE (1929), Kansas City, *Chairman of Board*; WM. L. PETRIKIN, (1928), Denver, Colo., *Deputy Chairman of Board*; E. M. BRASS (1927), Grand Island, Neb.

P. W. GOEBEL Kansas City, Mo., *Member Federal Advisory Council*.

OFFICERS

M. L. McCLURE, *Chairman and Federal Reserve Agent*; A. M. McADAMS, *Secretary and Assistant Federal Reserve Agent*; W. J. BAILEY, *Governor*; C. A. WORTHINGTON, *Deputy Governor*; J. W. HELM, *Cashier*.

ASSISTANT CASHIERS:—JOHN PHILLIPS, Jr., E. P. TYNER, G. E. BARLEY, M. W. E. PARK, G. H. PIPKIN.

S. A. WARDELL, *Auditor*; H. G. LEEDY, *Counsel*.

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 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. DEISING, 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

WALTER FERGUSON, Tulsa; WM. MEE, Oklahoma City; W. F. NICHOLS, Tulsa, Okla.; C. E. DANIEL, Oklahoma City; N. A. HOLMAN, Guthrie; AUSTIN MILLER, Oklahoma City; E. J. MURPHY, Clinton.

(Statement of January 12, 1928)

LIABILITIES	RESOURCES
F. R. notes in actual circulation.....\$ 65,213,375	Gold with Federal Reserve Agent.....\$ 60,448,590
Deposits:	Gold redemption fund with U. S. Treasury... 2,226,846
Member bank—reserve account..... 92,523,647	Gold held exclusively against F. R. notes... 62,675,436
Government..... 971,673	Gold settlement fund with F. R. Board..... 24,048,388
Foreign bank..... 174,190	Gold and gold certificates held by bank..... 7,294,602
Other deposits..... 536,260	Total gold reserves..... 94,018,426
Total deposits..... 94,205,770	Reserves other than gold..... 7,067,051
Deferred availability items..... 38,213,176	Total reserves..... 101,085,477
Capital paid in..... 4,251,350	Non-reserve cash..... 3,271,828
Surplus..... 9,045,678	Bills discounted:
All other liabilities..... 472,571	Sec. by U. S. Government obligations... 4,567,200
TOTAL LIABILITIES.....\$211,401,920	Other bills discounted..... 7,986,507
	Total bills discounted..... 12,553,707
	Bills bought in open market..... 9,099,281
	U. S. Government securities:
	Bonds..... 19,241,100
	Treasury notes..... 5,775,700
	Certificates of indebtedness..... 13,471,800
	Total U. S. Government securities..... 38,488,600
	Total bills and securities..... 60,141,588
	Due from foreign banks..... 17,567
	Uncollected items..... 42,153,642
	Bank premises..... 4,307,960
	All other resources..... 423,858
	TOTAL RESOURCES.....\$211,401,920

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 706; State Banks 101. Total 807.

DIRECTORS

CLASS A:—J. H. FROST (1930), San Antonio, Tex.; HOWELL E. SMITH (1929), McKinney, Tex.; W. H. PATRICK (1928), Clarendon, Tex.

CLASS B:—J. H. NAIL (1928), Ft. Worth, Texas; J. R. MILAM, (1930), Waco; Texas; J. J. CULBERTSON 9), Paris, Texas.

CLASS C:—C. C. WALSH (1928), *Chairman of Board and Federal Reserve Agent*; CLARENCE E. LINZ (1929), *Deputy Chairman of Board*; Dallas; S. B. PERKINS (1930), 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. D. GENTRY, *Assistant Deputy Governor*; J. L. HERMANN, *Assistant Cashier*; E. B. AUSTIN, *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)

W. O. FORD, *Managing Director*; ALLEN SAYLES, *Cashier*.

DIRECTORS

W. O. FORD, E. M. HURD, A. P. COLES, C. M. NEWMAN, and GEORGE D. FLORY, El Paso; E. A. CAHOON, Roswell, N. Mex.; A. J. CRAWFORD, Carlsbad, N. M.

HOUSTON BRANCH. (Transit Number 35-4)

DWIGHT P. REORDAN, *Managing Director*; L. G. PONDROM, *Cashier*; H. R. De MOSS, *Assistant Cashier*.

DIRECTORS

DWIGHT P. REORDAN, GUY M. BRYAN, E. F. GOSSETT, 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*; C. B. MENDEL, *Cashier*.

DIRECTORS

M. CRUMP, FRANZ C. GROOS, REAGAN HOUSTON, H. H. ROGERS, F. E. SCOBAY, and ERNEST STEVES, San Antonio; R. T. HUNNICUTT, Del Rio.

(Statement of December 31, 1927)

LIABILITIES		RESOURCES	
Capital paid in	\$ 4,263,000	Gold and gold certificates	\$ 7,427,000
Surplus fund	8,527,000	Gold settlement fund, F. R. Board	14,742,000
Government deposits	774,000	Gold with Federal Reserve Agents	35,804,000
Due to members—reserve account	70,970,000	Gold redemption fund	1,839,000
Foreign bank	162,000	Reserves other than gold	9,391,000
All other deposits	103,000	Total reserve	\$ 69,203,000
Total deposits	\$72,009,000	Non-reserve cash	3,189,000
Federal Reserve notes in actual circulation	47,472,000	Bills discounted—secured by Government obligations	611,000
Deferred availability items	27,798,000	Bills discounted—all others	267,000
All other liabilities	268,000	Bills bought in open market	22,811,000
TOTAL LIABILITIES	\$160,337,000	U. S. Bonds	18,107,000
		U. S. Treasury Notes	2,671,000
		U. S. certificates of indebtedness	11,211,000
		Due from foreign banks	17,000
		Bank premises	1,785,000
		Uncollected items	29,964,000
		All other resources	501,000
		TOTAL RESOURCES	\$160,337,000

FEDERAL RESERVE BANK INFORMATION

DISTRICT No. 12—Bank Located at San Francisco. (Transit Number 11-37)

(Sansome and Sacramento Sts.)

TERRITORY IN DISTRICT—California, Washington, Oregon, Idaho, Nevada, Utah, and the following counties in Arizona: Apache, Coconino, Gila, Maricopa, Mohave, Navajo, Pinal, Yavapai, and Yuma.
Membership: National Banks 539; State Banks 133.

DIRECTORS

CLASS A:—HOWARD WHIPPLE (1930), Turlock, Calif., C. K. McINTOSH (1928), San Francisco, Calif., T. H. RAMSAY (1929), Red Bluff, Calif.

CLASS B:—WM. T. SESNON (1930), San Francisco and Soquel, Calif.; E. H. COX (1928), Madera, Calif.; A. B. C. DOHRMANN (1928), San Francisco, Calif.

CLASS C:—WALTON N. MOORE (1930), San Francisco, Calif., *Deputy Chairman of Board*; WILLIAM SPROULE (1928), San Francisco, Calif.; ISAAC B. NEWTON (1929), San Francisco, Calif., *Chairman of Board and Federal Reserve Agent*.

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. N. AMBROSE, *Cashier*.
C. 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*.
A. C. AGNEW, *Counsel*.

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*.

LOS ANGELES BRANCH, (Transit Number 16-16)

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

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

DIRECTORS

W. M. HALE, HENRY M. ROBINSON, J. F. SARTORI, W. L. VALENTINE, *Chairman*; J. B. ALEXANDER.

PORTLAND BRANCH, (Transit Number 24-1)

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

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

DIRECTORS

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

SALT LAKE CITY BRANCH, (Transit Number 31-31)

(Cor. South Temple and East State St.)

W. L. PARTNER, *Managing Director*; H. M. CRAFT, *Assistant Manager*; W. M. SMOOT, *Assistant Cashier*; L. W. DALBY, *Assistant Cashier*.

DIRECTORS

W. L. PARTNER, L. H. FARNSWORTH, CHAS. H. BARTON, LAFAYETTE HANCHETT, *Chairman*; F. J. HAGENBARTH,

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

C. R. SHAW, M. F. BACKUS, M. A. ARNOLD, CHAS. H. CLARKE, *Chairman*; HENRY A. RHODES.

SPOKANE BRANCH, (Transit Number 28-1)

(Post St. and Main Ave.)

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

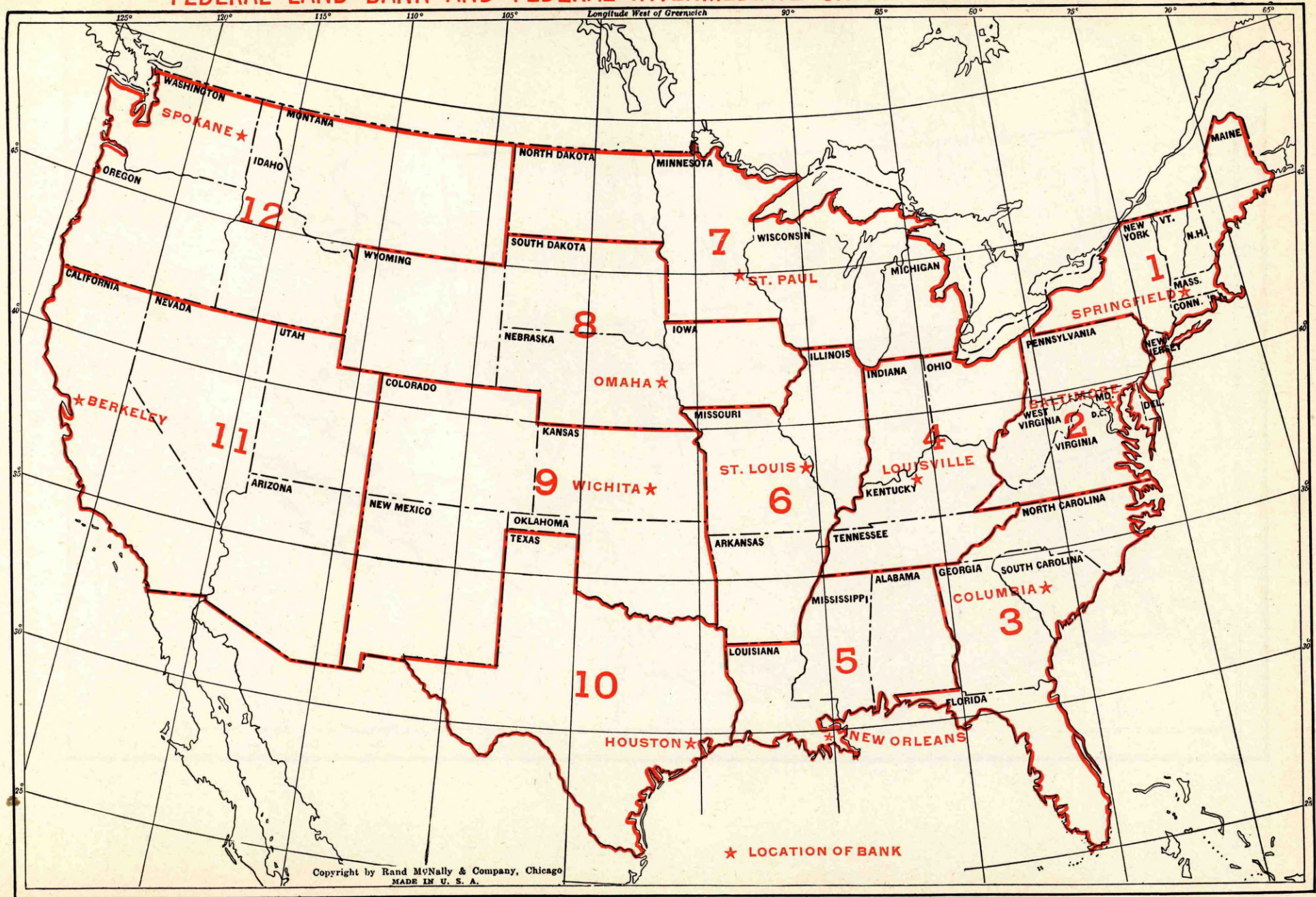
DIRECTORS

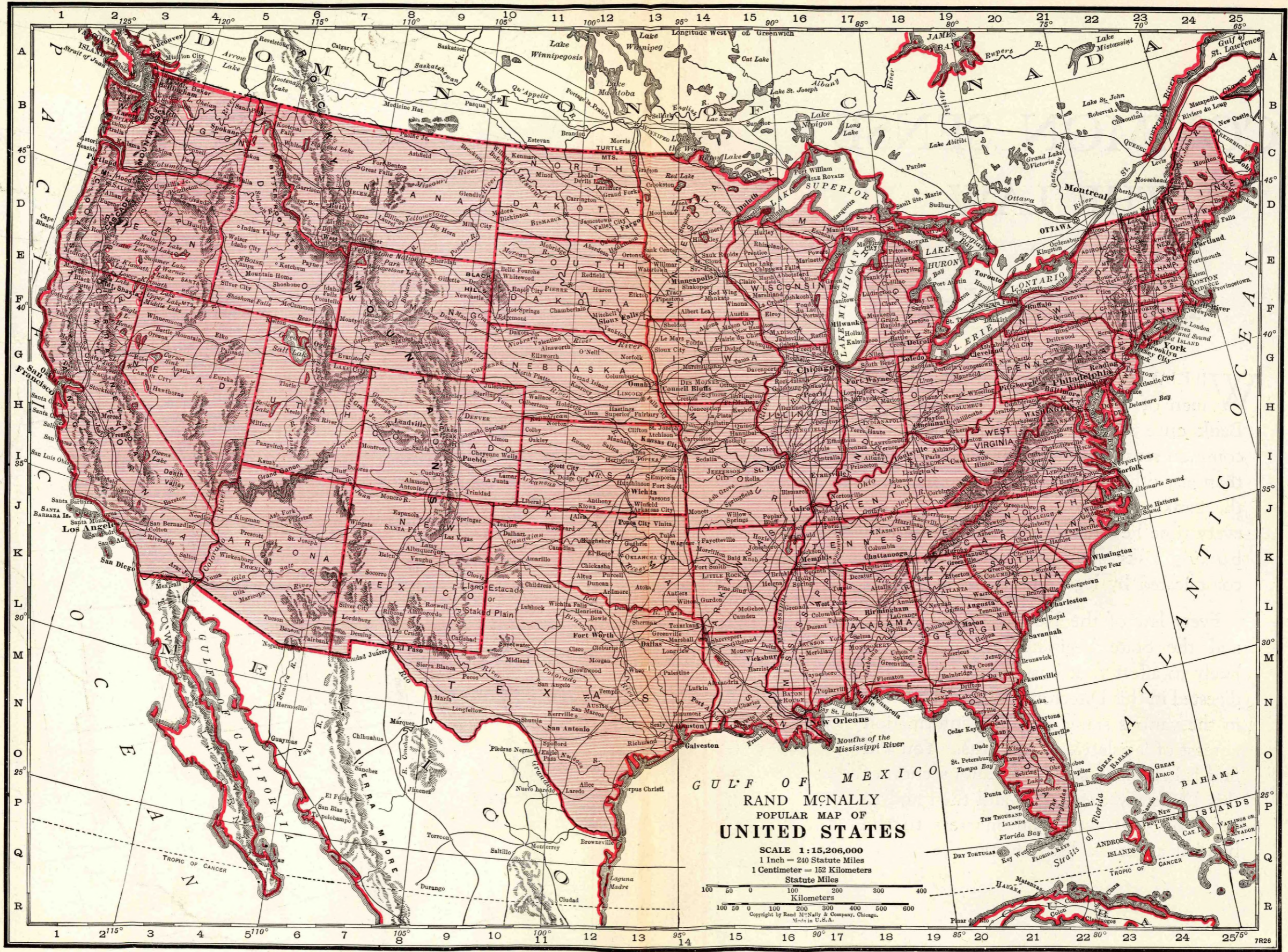
D. L. DAVIS, C. E. McBROOM, R. L. RUTTER, G. I. TOEVS, *Chairman*; PETER MCGREGOR.

(Statement of January 20, 1928)

LIABILITIES	RESOURCES
Capital paid in	Gold and gold certificates
\$ 9,296,000	\$ 30,462,000
Surplus fund	Gold settlement fund, F. R. Board
16,629,000	32,442,000
Deposits—Government	Gold with Federal Reserve Agent
3,087,000	178,179,000
Member banks—reserve account	Gold redemption fund
180,440,000	2,502,000
Foreign bank	Reserves other than gold
344,000	10,424,000
All other	TOTAL RESERVES
4,403,000	\$ 254,009,000
F. R. notes in actual circulation	Non-reserve cash
159,494,000	\$ 5,201,000
Deferred availability items	Bills discounted:
41,201,000	Secured by U. S. Government obligations
All other liabilities	All other
163,000	4,498,000
	Bills bought in open market
	15,395,000
	U. S. Bonds
	948,000
	Treasury notes
	24,921,000
	U. S. certificates of indebtedness
	15,472,000
	Due from Foreign Banks
	34,000
	Bank premises
	3,374,000
	Uncollected items
	40,835,000
	All other resources
	629,000
TOTAL LIABILITIES	TOTAL RESOURCES
\$415,057,000	\$415,057,000

FEDERAL LAND BANK AND FEDERAL INTERMEDIATE CREDIT BANK DISTRICTS.





RAND McNALLY
POPULAR MAP OF
UNITED STATES
SCALE 1:15,206,000
1 Inch = 240 Statute Miles
1 Centimeter = 152 Kilometers
Statute Miles
Kilometers
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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.	8-19-22.	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
50.	5-29-22.	The Pacific Coast Joint Stock Land Bank of Los Angeles	Los Angeles, Cal.	Cal. & Ariz.
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. & Nev.
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.
*29.	11-11-19.	The First Illinois & Missouri Joint Stock Land Bank of Champaign	Champaign, Ill.	Mo. & Ill.
4.	7-25-17.	The Chicago Joint Stock Land Bank of Chicago	Chicago, Ill.	Iowa & Ill.
33.	2-24-22.	The First-Trust Joint Stock Land Bank of Chicago	Chicago, Ill.	Iowa & Ill.
55.	7-24-22.	The Illinois Midwest Joint Stock Land Bank of Edwardsville	Edwardsville, Ill.	Ill. & Mo.
*44.	5- 4-22.	The Central Illinois Joint Stock Land Bank of Greenville	Greenville, Ill.	Ind. & Ill.
12.	1-24-19.	The Illinois Joint Stock Land Bank of Monticello	Monticello, Ill.	Iowa & Ill.
*31.	12- 4-19.	The State Savings Joint Stock Land Bank of Quincy	Quincy, Ill.	Mo. & Ill.
*80.	9-11-23.	The Bowen Joint Stock Land Bank of Pittsburgh	Delphi, Ind.	Ind. & 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. & Mich.
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.
*19.	5-15-19.	The Central Iowa Joint Stock Land Bank of Des Moines	Des Moines, Ia.	Minn. & Ia.
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.
*54.	7-13-22.	The First Kansas-Oklahoma Joint Stock Land Bank of Kansas City	Kansas City, Kans.	Kans. & Okla.
*28.	11-10-19.	The Kansas-Missouri Joint Stock Land Bank of Topeka	Topeka, Kans.	Mo. & Kans.
*24.	8-19-19.	The Guarantee Joint Stock Land Bank of Wichita	Wichita, Kans.	Okla. & Kans.
*61.	9-29-22.	The Wichita Joint Stock Land Bank of Wichita	Wichita, Kans.	Kans. & Okla.
35.	4- 1-22.	The Kentucky Joint Stock Land Bank of Lexington	Lexington, Ky.	Ohio & Ky.
43.	5- 3-22.	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.
*30.	11-24-19.	The First Joint Stock Land Bank of Louisiana	Lake Charles, La.	Tex. & La.
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
*11.	1-14-19.	The First Joint Stock Land Bank of Minneapolis	Minneapolis, Minn.	Iowa & Minn.
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.
*71.	12-30-22.	The Bankers Joint Stock Land Bank of Boonville	Boonville, Mo.	Mo. & Ark.
*67.	11-13-22.	The Southeast Missouri Joint Stock Land Bank of Cape Girardeau	Cape Girardeau, Mo.	Mo. & Ark.
**5.	1- 9-18.	The Kansas City Joint Stock Land Bank of Kansas City	Kansas City, Mo.	Mo. & Kans.
*65.	10-23-22.	The Missouri Joint Stock Land Bank of Kansas City	Kansas City, Mo.	Mo. & Okla.
*77.	4- 9-23.	The Equitable Joint Stock Land Bank of Macon	Macon, Mo.	Mo. & Iowa
*37.	4-14-22.	The Liberty-Central Joint Stock Land Bank of St. Louis	St. Louis, Mo.	Ill. & Mo.
34.	3-27-22.	The St. Louis Joint Stock Land Bank of St. Louis	St. Louis, Mo.	Ark. & Mo.
*13.	4-15-19.	The Montana Joint Stock Land Bk. of Helena	Helena, Mont.	Ida. & Mont.
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.
*17.	5- 8-19.	The Peters Joint Stock Land Bank of Omaha	Omaha, Nebr.	Iowa & Nebr.
*42.	5- 2-22.	The New York & New Jersey Joint Stock Land Bank of Newark	Newark, N. J.	N. Y. & N. J.
40.	5- 2-22.	The N. Y. Joint Stock Land Bank of Rochester	Rochester	N. Y. & N. J.
20.	6-11-19.	The Virginia-Carolina Joint Stock Land Bank of Elizabeth City, N. C.	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.	8-16-22.	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.
*46.	5-19-22.	The North State Joint Stock Land Bank of Raleigh	Raleigh, N. C.	N. C. & Va.
**73.	1-12-23.	The Ohio Joint Stock Land Bank of Cincinnati	Cincinnati, Ohio	Ohio & Ind.
70.	12-14-22.	The Ohio-Pennsylvania Joint Stock Land Bank of Cleveland	Cleveland, Ohio	Ohio & Pa.
*32.	2-23-22.	The Columbus Joint Stock Land Bank of Columbus	Columbus, Ohio	Mich. & Ohio
*59.	9- 6-22.	The First Joint Stock Land Bank of Dayton	Dayton, Ohio	Ohio & Ind.
63.	10-13-22.	The Northwest Joint Stock Land Bank of Portland	Portland, Ore.	Ore. & Wash.
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.
*74.	1-17-23.	The Pennsylvania-Maryland Joint Stock Land Bank of Harrisburg	Harrisburg, Pa.	Pa. & Md.
68.	11-14-22.	The Pennsylvania Joint Stock Land Bank of Philadelphia	Philadelphia, Pa.	Pa. & Md.
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.
*64.	10-20-22.	The Fourth & First Joint Stock Land Bank of Nashville	Nashville, Tenn.	Tenn. & Ky.
22.	7- 3-19.	The Dallas Joint Stock Land Bank of Dallas	Dallas, Texas	Okla. & Texas
53.	7- 5-22.	The First-Trust Joint Stock Land Bank of Dallas	Dallas, Texas	Tex. & Okla.
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
*75.	3-26-23.	The Texas-Oklahoma Joint Stock Land Bank of San Antonio	San Antonio, Texas	Tex. & Okla.
48.	5-29-22.	The Pacific Coast Joint Stock Land Bank of Salt Lake City	Salt Lake City	Idaho & Utah
78.	5- 2-23.	The Potomac Joint Stock Land Bank of Alexandria, Va.	Washington, D. C.	Va. & Md.
*18.	5-12-19.	The Colonial Joint Stock Land Bank of Norfolk	Norfolk, Va.	N. C. & Va.
*23.	7-19-19.	The Union Joint Stock Land Bank of Richmond	Richmond, Va.	N. C. & Va.
*56.	8-15-22.	The Shenandoah Valley Joint Stock Land Bank of Staunton	Staunton, Va.	Va. & W. Va.
*66.	10-30-22.	The Dayton Agricultural Joint Stock Land Bank of Charleston	Charleston, W. Va.	W. Va. & Ohio
2.	5- 7-17.	The Virginian Joint Stock Land Bank of Charleston	Charleston, W. Va.	W. Va. & Ohio
69.	12- 6-22.	The Greenbrier Joint Stock Land Bank of Lewisburg	Lewisburg, W. Va.	W. Va. & Va.
*9.	9- 6-18.	The Bankers Joint Stock Land Bank of Milwaukee	Milwaukee, Wis.	Minn. & Wis.

*Liquidated.
**In hands of receiver.

CLEARING HOUSES IN THE UNITED STATES

Babson's Statistical Organization of Wellesley Hills, Mass. says: "One of the best measurements of a locality's purchasing power is in the amount of the deposits in its banks. Moreover, one of the best measurements of a locality's prosperity is the relative rate at which the amount on deposit in its banks is increasing."

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., 1927 DEPOSITS	July, 1927 DEPOSITS	Jan., 1928 DEPOSITS	CITY	Jan., 1927 DEPOSITS	July, 1927 DEPOSITS	Jan., 1928 DEPOSITS
Aberdeen, S. D.	\$ 8,708,460	\$ 7,639,470	\$ 9,370,370	Dunkirk, N. Y.	\$ 9,279,950	\$ 9,641,620	\$ 9,729,030
Adrian, Mich.	7,038,920	6,822,570	6,969,640	East Chicago, Ind.	5,344,840	5,813,130	5,576,760
Akron, Ohio	87,889,520	93,050,690	97,355,780	Eau Claire, Wis.		8,733,160	9,182,600
Alameda, Calif.	4,458,270	4,408,460	449,420	Elberton, Ga.	573,110	604,930	1,071,420
Albany, Ga.	4,395,290	3,774,820	2,756,130	El Paso, Tex.	26,399,930	24,284,060	30,412,320
Albany, N. Y.	257,292,090	296,584,040	284,788,000	Elyria, Ohio	16,751,860	16,876,280	19,849,840
Albert Lea, Minn.	5,156,150	4,055,420	3,874,960	Emporia, Kan.	5,069,620	4,582,660	5,179,650
Allentown, Pa.	41,688,230	39,779,370	42,895,900	Enid, Okla.	12,444,230	12,056,320	10,467,420
Altoona, Pa.	18,151,260	18,748,390	18,262,680	Ennis, Tex.	1,722,630	2,099,000	2,099,000
Amarillo, Tex.	23,180,020	23,051,720	23,569,680	Erie, Pa.	54,517,170	53,467,560	56,720,440
Ames, Iowa	3,198,110	3,263,530	3,126,740	Eugene, Ore.	7,722,020	7,873,100	8,328,960
Anaheim, Calif.	5,969,170	6,162,050	6,167,420	Evansville, Ill.		23,153,520	24,768,510
Anderson, Ind.			7,904,890	Evansville, Ind.	51,552,050	52,535,490	55,649,620
Ann Arbor, Mich.	16,432,700	18,541,80	18,780,890	Fairfield, Iowa	4,475,780	4,400,000	4,027,880
Annistown, Ala.	6,092,320	6,355,680	6,459,720	Fair River, Mass.	75,947,020	79,551,470	79,663,450
Asheville, N. C.	23,166,770	20,084,400	20,862,900	Fargo, N. D.	15,706,480	15,818,180	16,648,730
Atchison, Kan.	6,128,130	5,892,600	5,335,700	Faribault, Minn.	5,118,240	5,004,150	5,224,400
Atlanta, Ga.	112,986,340	112,071,830	121,366,440	Fergus Falls, Minn.	6,067,090	5,878,650	5,781,700
Augusta, Ga.	15,119,410	15,293,980	15,001,730	Flint, Mich.	45,882,390	51,479,550	56,393,120
Aurora, Ill.	16,658,290	16,804,060	16,241,270	Fort Dodge, Ia.	10,464,430	9,360,740	9,605,750
Austin, Tex.	19,518,610	22,290,520	25,304,350	Fort Wayne, Ind.	64,446,930	67,306,810	70,027,130
Bakersfield, Calif.	13,297,640	12,501,940	45,048,650	Fort Worth, Tex.	73,573,410	75,843,100	79,993,470
Baltimore, Md.	550,953,070	557,697,240	589,876,560	Franklin, Pa.	10,980,250	11,161,360	11,731,080
Bangor, Me.	38,766,850	40,275,410	41,910,930	Frederick, Md.	25,282,140	26,158,560	26,838,140
Bartlesville, Okla.	10,472,090	9,806,810	9,930,900	Fremont, Neb.	4,257,660	4,840,130	4,893,670
Battle Creek, Mich.	28,472,520	29,174,590	30,507,100	Fresno, Calif.	4,528,450	3,446,050	4,382,120
Bay City, Mich.	28,291,910	26,331,750	27,514,050	Fullerton, Calif.	3,099,540	957,960	1,121,070
Beaumont, Tex.	20,684,020	25,609,740	24,978,594	Galveston, Tex.	28,657,960	28,536,690	32,008,100
Bellingham, Wash.	10,607,920	10,144,500	10,697,190	Gary, Ind.	16,790,860	17,237,060	17,231,660
Benton Harbor, Mich.	8,664,340	8,489,100	9,253,510	Gastonia, N. C.	8,430,920	8,776,360	10,209,440
Berkeley, Calif.	9,033,850	8,893,830	9,991,860	Glasgow, Ky.	3,047,180	3,318,030	3,308,920
Bethlehem, Pa.	25,208,970	24,958,320	26,247,940	Goldsboro, N. C.	4,124,820	4,069,420	4,426,520
Billings, Mont.	7,515,440	7,181,490	8,338,240	Grand Forks, N. D.	8,122,780	7,536,110	7,970,770
Binghamton, N. Y.	43,238,670	44,348,130	46,694,770	Grand Island, Neb.	7,349,500	6,815,840	7,054,970
Birmingham, Ala.	85,085,840	80,664,960	93,951,490	Grand Junction, Colo.	3,439,890	2,986,920	3,467,430
Bloomington, Ill.	14,913,910	15,007,050	15,179,620	Grand Rapids, Mich.	84,161,880	78,818,050	83,009,100
Boise, Idaho	16,192,640	14,689,140	18,725,700	Great Falls, Mont.	15,254,190	15,139,740	17,264,380
Boone, Iowa	6,430,700	6,322,960	6,205,480	Green Bay, Wis.	14,095,550	15,087,380	14,846,360
Boston, Mass.	1,673,423,320	1,719,427,870	1,822,761,880	Greensboro, N. C.	21,150,960	24,721,580	27,234,400
Bowling Green, Ky.	3,224,400	3,237,980	3,653,390	Greensburg, Pa.	19,912,360	20,371,800	20,659,860
Brookfield, Mo.	1,321,380	1,381,410	1,399,800	Greenville, Miss.	4,346,700	4,452,940	4,370,770
Brunswick, Ga.	4,113,890	3,730,400	4,620,710	Greenville, S. C.	12,059,030	10,568,590	11,790,540
Buffalo, N. Y.	542,686,710	545,864,480	585,440,220	Guthrie, Okla.	4,870,080	4,909,470	4,991,990
Butler, Pa.	17,192,620	17,325,750	17,054,850	Hagerstown, Md.	19,034,830	19,041,260	20,598,970
Camden, N. J.	72,443,240	76,591,840	80,312,490	Hamilton, Ohio	13,228,560	13,435,210	14,232,230
Canton, Ohio	53,007,770	55,685,520	56,900,350	Hammond, Ind.	12,729,020	13,118,660	13,919,500
Cape Girardeau, Mo.	5,136,500	5,013,700	4,482,410	Hannibal, Mo.	5,450,210	5,545,930	5,198,560
Carthage, Mo.	3,209,820	3,693,980	3,621,480	Harrisburg, Pa.	42,274,380	45,227,520	47,280,400
Casper, Wyo.	11,013,890	10,258,430	10,266,360	Hartford, Conn.	222,771,690	226,486,150	251,430,600
Cedar Rapids, Iowa	42,283,160	41,288,090	43,489,850	Hastings, Neb.	5,299,350	5,113,230	5,312,240
Champaign, Ill.	10,295,200	10,195,400	10,239,870	Hazleton, Pa.	28,072,380	28,209,360	28,122,090
Charles City, Iowa	4,471,840	4,594,520	4,614,820	Helena, Ark.	4,799,560	4,530,290	4,133,450
Charleston, S. C.	43,484,150	42,185,520	49,655,220	Helena, Mont.	13,667,080	12,545,600	14,534,710
Charleston, W. Va.	36,753,330	36,259,990	35,845,560	Henderson, Ky.	4,408,470	4,317,550	4,585,440
Charlotte, N. C.	37,644,550	38,528,050	47,650,400	Henderson, N. Car.	3,763,330	3,625,730	3,831,880
Chattanooga, Tenn.	50,318,690	49,248,410	54,811,410	Holyoke, Mass.	54,666,070	55,813,740	57,384,000
Cheraw, S. C.	990,780	990,780	1,254,550	Homestead, Pa.	11,773,970	11,755,400	12,239,280
Chester, Pa.	27,218,460	27,824,590	28,839,080	Hot Sp. N. Park, Ark.	6,578,860	7,744,280	6,190,020
Chester, S. C.	2,000,070	2,463,560	3,007,830	Houston, Tex.	147,690,250	142,195,900	161,133,320
Cheyenne, Wyo.	8,259,710	7,347,190	8,304,400	Huntington, W. Va.	22,562,280	21,514,810	21,768,770
Chicago, Ill.	2,602,605,420	2,684,119,135	2,803,861,240	Huntington Park, Calif.	540,740	904,730	1,373,600
Chillicothe, Mo.	3,594,900	3,393,230	3,368,360	Hutchinson, Kan.	10,694,950	9,294,480	8,611,190
Cincinnati, Ohio	296,106,420	312,468,870	329,192,500	Independence, Mo.	3,540,800	3,253,610	3,294,260
Cleveland, Ohio	887,193,580	939,432,950	940,629,910	Indianapolis, Ind.	169,261,190	168,566,530	170,687,180
Colorado Springs, Colo.	18,417,270	17,814,010	18,829,870	Jackson, Mich.	20,655,290	21,210,010	19,009,340
Columbia, S. C.	13,693,420	13,795,480	16,114,500	Jacksonville, Fla.	103,961,390	106,605,510	89,537,860
Columbus, Ga.	12,108,550	12,158,170	12,956,750	Jacksonville, Ill.	10,534,830	10,808,270	10,148,690
Columbus, Ohio	119,901,920	124,687,730	123,731,443	Jamestown, N. Y.	32,882,470	33,894,540	36,802,280
Connellsville, Pa.	10,776,160	10,444,310	10,571,110	Jamestown, N. D.	3,398,950	3,307,840	3,378,400
Cordele, Ga.	1,043,370	1,056,790	1,362,040	Johnstown, Pa.	42,431,130	41,899,210	44,148,230
Corsicana, Tex.	8,261,170	8,030,940	8,583,070	Joplin, Mo.	12,990,520	12,758,750	12,109,960
Council Bluffs, Iowa	14,697,610	14,050,910	14,719,520	Kalamazoo, Mich.	21,511,190	21,796,000	22,430,020
Dallas, Tex.	135,974,560	144,038,090	159,066,620	Kansas City, Kan.	26,952,320	25,643,310	26,412,680
Danville, Ill.	9,362,430	9,564,330	8,833,270	Kansas City, Mo.	303,193,060	282,212,850	298,049,290
Davenport, Iowa	55,624,230	59,328,190	62,344,010	Knoxville, Tenn.	38,862,300	38,332,770	40,265,970
Dayton, Ohio	59,665,090	61,592,130	59,095,950	Kokomo, Ind.	8,966,180	9,068,610	8,714,010
Decatur, Ill.	15,457,060	16,087,330	15,825,210	LaCrosse, Wis.	14,735,320	15,271,870	14,998,610
Denver, Colo.	173,607,850	164,880,240	169,445,240	La Fayette, Indiana			20,060,320
Derby, Conn.	12,905,840	13,073,840	13,500,950	Lancaster, Pa.	43,464,800	44,680,650	46,107,670
Des Moines, Iowa	67,765,600	70,338,230	70,141,500	Lansing, Mich.	29,592,970	29,876,220	31,622,020
Detroit, Mich.	829,194,600	809,375,050	815,987,800	LaSalle, Ill.	7,075,800	6,975,350	6,996,820
Dickinson, N. D.	2,758,090	2,776,290	3,102,230	Lawrence, Kan.	5,545,370	5,443,250	5,485,410
Dodge City, Kan.	2,167,440	2,429,960	2,023,200	Leavenworth, Kan.	8,826,630	8,806,890	8,852,550
Dothan, Ala.	5,598,250	4,735,700	4,794,670	Lebanon, Pa.	11,883,580	12,355,180	12,541,350
Dubuque, Iowa	21,803,290	20,684,110	22,082,360	Lexington, Ky.	21,985,540	23,498,990	25,128,840
Duluth, Minn.	53,287,800	52,350,760	56,596,590	Lima, Ohio	12,306,160	11,773,370	13,356,200

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CLEARING HOUSES IN THE UNITED STATES—Continued

CITY	Jan., 1927 DEPOSITS	July, 1927 DEPOSITS	Jan., 1928 DEPOSITS	CITY	Jan., 1927 DEPOSITS	July, 1927 DEPOSITS	Jan., 1928 DEPOSITS
Lincoln, Ill.	\$ 3,719,180	\$ 3,753,460	\$ 3,681,760	Reading, Pa.	\$ 62,845,710	\$ 68,167,400	\$ 63,589,910
•Lincoln, Neb.	41,025,640	41,258,020	29,846,300	Redondo Beach, Calif.	3,331,240	2,179,900	2,148,570
•Little Rock, Ark.	49,194,030	49,071,170	55,972,460	Red Wing, Minn.	5,600,890	5,330,790	5,408,180
Logan, Utah	4,897,930	4,897,930	5,204,280	Reno, Nev.	18,011,870	17,446,580	17,871,010
Long Beach, Calif.	54,163,930	54,058,960	56,615,390	•Richmond, Va.	136,608,310	135,949,590	143,932,810
Lorain, Ohio	10,357,040	10,389,280	10,870,960	Riverside, Calif.	9,589,200	10,625,580	9,893,910
•Los Angeles, Calif.	1,000,377,050	955,606,400	980,081,270	Roanoke, Va.	28,503,430	26,910,440	29,664,170
•Louisville, Ky.	143,970,040	149,815,370	159,915,560	Rochester, Minn.	7,679,390	7,530,980	7,641,100
Lowell, Mass.	87,717,400	88,925,460	90,842,890	Rochester, N. Y.	350,451,170	348,024,100	373,658,700
Lynn, Mass.	74,549,910	75,263,170	77,530,150	Rockford, Ill.	33,241,650	33,331,660	34,005,050
Macon, Ga.	18,467,300	18,241,690	19,137,750	Rock Island, Ill.	17,655,300	17,852,210	16,861,230
Madison, Wis.	29,667,980	32,092,270	28,979,350	Rocky Mount, N. C.	6,519,130	6,257,790	6,515,740
Manchester, N. H.	72,091,490	72,642,760	75,376,740	Rome, Ga.	5,564,040	5,616,570	6,069,870
Manhattan, Kan.	2,989,830	2,838,490	3,086,730	Sacramento, Calif.	66,719,642	61,182,120	64,638,330
Manitowoc, Wis.	9,109,010	8,793,980	8,848,090	Saginaw, Mich.	37,623,510	37,514,440	38,397,820
Mankato, Minn.	10,969,470	10,746,260	10,668,560	•St. Joseph, Mo.	38,648,070	37,478,010	40,126,340
Mansfield, Ohio.	12,479,470	12,391,980	12,426,830	•St. Louis, Mo.	618,614,020	622,633,140	647,725,490
Marion, Ohio	6,683,980	6,883,830	6,883,830	•St. Paul, Minn.	162,037,220	151,430,430	162,928,730
McAlester, Okla.	4,262,990	2,804,050	3,025,490	St. Petersburg, Fla.	28,240,050	25,775,970	20,621,030
Medford, Ore.	4,994,250	5,623,910	5,906,770	Salisbury, N. C.	1,368,710	1,474,060	1,393,990
•Memphis, Tenn.	94,280,740	102,129,580	103,286,710	•Salt Lake City, Utah.	80,479,510	76,927,300	86,769,610
Meridian, Miss.	11,219,270	11,373,360	11,738,890	•San Antonio, Tex.	61,097,660	66,746,640	69,883,550
Mexico, Mo.	3,267,720	3,267,720	3,397,360	San Bernardino, Calif.	10,504,280	9,094,410	8,986,770
Miami, Fla.	85,342,040	72,316,010	62,341,370	San Diego, Calif.	63,732,080	39,992,870	43,679,080
Milledgeville, Ga.	1,993,120	1,993,120	2,052,860	•San Francisco, Calif.	1,510,774,400	1,620,056,120	1,710,118,450
•Milwaukee, Wis.	262,844,910	262,586,970	265,632,980	San Jose, Calif.	18,103,460	13,459,370	9,228,590
•Minneapolis, Minn.	314,526,980	318,970,270	339,965,580	San Pedro, Calif.	6,403,060	6,929,350	7,296,940
Minot, N. D.	5,694,810	6,130,300	6,725,470	Santa Barbara, Calif.	8,263,142	8,517,380	8,332,770
Mobile, Ala.	34,147,580	31,148,200	35,368,390	Santa Monica, Calif.	4,010,870	4,245,610	4,414,290
Modesto, Calif.	5,154,640	3,488,480	4,203,670	Santa Rosa, Calif.	3,755,100	3,696,230	3,800,030
Moline, Ill.	22,201,110	22,869,820	23,589,280	Sarasota, Fla.	8,435,510	5,599,570	5,244,210
Montclair, N. J.	32,828,720	35,220,480	37,232,060	•Savannah, Ga.	85,503,710	85,156,660	88,212,220
•Montgomery, Ala.	18,294,470	17,163,430	21,297,680	Sranton, Pa.	131,819,020	118,522,150	124,443,090
Muscatine, Iowa	13,573,450	13,131,280	14,401,190	•Seattle, Wash.	187,820,210	186,710,710	200,165,240
Muskegon, Mich.	17,568,230	17,968,430	17,046,950	Sedalia, Mo.	4,824,270	5,065,360	5,274,970
•Muskogee, Okla.	12,237,830	11,978,240	12,573,820	Sheboygan, Wis.	19,713,260	20,810,270	19,244,980
•Nashville, Tenn.	76,624,960	81,761,190	91,145,910	Sherman, Tex.	6,080,190	6,602,690	5,973,670
Nebraska City, Neb.	2,877,880	2,833,850	2,924,090	•Sioux City, Iowa	36,177,500	36,960,280	33,919,210
New Albany, Ind.	10,059,690	11,234,960	10,890,660	Sioux Falls, S. D.	10,821,870	10,567,070	11,769,090
•Newark, N. J.	384,253,250	400,757,760	429,956,851	South Bend, Ind.	36,474,690	35,500,880	37,754,800
New Bedford, Mass.	77,234,070	80,937,810	87,347,780	South St. Paul, Minn.	8,008,600	6,138,030	7,825,830
New Brighton, Pa.	3,337,820	3,129,830	3,595,190	Spartanburg, S. C.	10,905,880	10,570,030	11,727,100
New Castle, Pa.	19,825,570	20,387,160	20,444,310	•Spokane, Wash.	55,655,650	55,323,960	59,871,880
•New Haven, Conn.	140,474,930	143,689,100	152,627,870	Springfield, Ill.	31,498,790	33,383,010	32,732,150
Newnan, Ga.	2,094,520	1,862,020	1,837,990	Springfield, Mass.	150,785,870	154,122,060	161,883,700
•New Orleans, La.	243,653,600	234,016,220	261,118,960	Springfield, Mo.	16,873,301	15,836,430	17,216,880
Newport News, Va.	12,730,920	12,754,490	13,042,120	Springfield, Ohio	18,027,480	17,225,050	18,869,500
•New York, N. Y.	12,525,457,258	12,462,237,710	12,983,044,580	Stamford, Conn.	38,909,150	40,141,410	42,180,460
Niagara Falls, N. Y.	36,634,770	35,938,370	39,743,660	Sterling, Ill.	5,703,160	5,761,180	5,761,180
Norfolk, Va.	25,081,550	58,285,620	58,301,120	Steubenville, Ohio	19,695,540	20,118,070	20,792,410
Norristown, Pa.	19,510,330	20,542,830	21,281,430	Trenton, Calif.	21,292,140	14,865,350	11,289,470
•Northern New Jersey Clearing House Ass'n, (33 Liberty St., New York City, N. Y.)				Superior, Wis.	10,329,600	10,944,160	11,304,800
•Oakland, Calif.	128,923,580	128,183,370	128,753,950	Syracuse, N. Y.	195,483,300	196,460,210	207,917,190
Ocala, Fla.	6,841,230	5,975,500	5,843,880	Tacoma, Wash.	22,996,520	23,027,750	22,408,090
Oelwein, Iowa	2,632,260	2,558,850	2,659,460	Tallahassee, Fla.	4,977,140	4,558,720	4,981,620
•Ogden, Utah	22,422,600	22,206,420	23,681,030	Tampa, Fla.	71,364,420	65,006,380	60,223,140
Oil City, Pa.	19,450,980	19,456,670	19,300,890	Terre Haute, Ind.	32,344,890	32,022,630	32,681,060
•Oklahoma City, Okla.	78,381,070	81,613,780	82,846,830	Texarkana, Ark.-Tex.	17,995,960	18,997,040	21,126,000
Okmulgee, Okla.	10,151,490	10,287,490	9,299,090	•Toledo, Ohio	168,810,110	181,767,590	182,680,580
Olympia, Wash.	5,467,140	5,534,370	4,843,070	•Topeka, Kan.	33,448,710	33,727,280	32,613,500
•Omaha, Neb.	106,584,270	109,552,220	111,179,922	Trenton, N. J.	97,700,630	107,939,446	100,606,380
Ontario, Calif. (Ontario and Upland)	2,986,670	3,544,510	3,041,590	Tucson, Ariz.	9,730,890	10,096,910	10,944,320
Orange, N. J.	23,833,910	25,620,710	26,178,210	•Tulsa, Okla.	97,425,960	100,684,540	102,180,110
Orangeburg, S. C.	5,715,560	4,843,860	5,303,790	Twin Falls, Idaho	3,399,850	3,198,230	3,909,800
Osage, Iowa	2,136,210	2,416,080	2,460,090	Valdosta, Ga.	4,252,800	4,800,220	4,967,030
Oshkosh, Wis.	17,116,910	17,965,310	18,149,270	Vicksburg, Miss.	11,521,110	12,329,920	12,102,450
Owensboro, Ky.	9,180,600	9,501,080	11,130,960	•Waco, Tex.	18,306,460	17,858,530	20,565,700
Palestine, Tex.	2,611,770	3,048,630	3,575,500	Warren, Pa.	23,894,730	24,206,430	26,292,420
Paris, Ky.	2,711,890	2,855,590	3,184,610	•Washington, D. C.	239,117,150	255,718,750	249,452,160
Parsons, Kan.	3,012,690	2,987,800	3,066,440	Washington, Ga.	909,990	880,320	952,450
•Pasadena, Calif.	29,849,870	28,593,800	27,629,310	Waterbury, Conn.	65,074,660	66,594,590	68,247,630
Passaic, N. J.	46,061,640	47,488,850	51,329,870	Waterloo, Iowa	14,674,810	15,085,050	14,116,430
•Peoria, Ill.	39,912,250	42,088,780	44,754,440	Watertown, S. D.	4,704,470	4,747,490	5,175,770
•Philadelphia, Pa.	1,848,176,660	1,838,114,730	1,942,094,258	Watertown, Wis.	4,788,590	5,193,100	5,259,340
Phillipsburg, N. J.	7,097,640	6,824,490	7,140,790	Watsonville, Calif.	4,916,520	3,875,370	3,996,020
Phoenix, Ariz.	27,806,200	28,269,180	28,467,460	West Palm Beach, Fla.	11,715,200	11,715,200	10,308,100
Pine Bluff, Ark.	13,865,490	13,301,450	15,326,480	Wheeling, W. Va.	51,342,510	52,776,860	51,904,050
Pittsburg, Kan.	7,572,610	7,484,290	7,408,390	•Wichita, Kan.	44,044,420	44,635,960	44,952,210
•Pittsburgh, Pa.	935,868,470	1,033,757,130	985,219,253	Wichita Falls, Tex.	26,831,270	26,105,060	25,013,450
Pittston, Pa.	19,524,780	20,419,160	20,290,220	Wilkes-Barre, Pa.	67,488,010	70,050,620	72,569,710
Pocatello, Idaho	4,669,130	4,495,390	4,627,750	Williamsport, Pa.	26,673,140	27,579,570	27,132,230
Pontiac, Mich.	24,744,210	26,070,240	28,940,900	Wilmington, Calif.	713,940	89,228,890	74,331,110
Portland, Me.	99,952,220	99,551,050	99,527,530	Wilmington, Del.	20,834,830	20,604,400	22,350,440
•Portland, Ore.	151,410,005	143,091,530	152,112,710	Wilmington, N. C.	5,834,810	5,805,490	6,457,690
Portsmouth, Va. (See Norfolk)				Winchester, Va.	15,503,680	15,757,270	16,257,470
Pottsville, Pa.	21,073,230	20,790,740	22,130,710	Winona, Minn.	3,422,550	3,373,040	3,069,190
Providence, R. I.	397,572,360	412,523,800	423,992,450	Worcester, Mass.	204,418,000	214,286,140	216,749,590
•Pueblo, Colo.	26,902,780	24,061,580	25,790,470	Yakima, Wash.	6,958,970	10,269,500	10,871,110
Quincy, Ill.	24,223,500	23,933,520	24,188,390	Yankton, S. D.	3,043,130	2,647,440	2,701,010
Raleigh, N. C.	18,116,050	18,721,540	21,091,340	York, Pa.	29,774,500	32,198,880	32,971,350
				Youngstown, Ohio	65,616,910	67,781,910	66,790,950

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CONSOLIDATED CAPITULATION FOR JANUARY 1928 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	Other Liabilities	Total Liabilities	Loans and Discounts	Bonds and Securities	Miscellaneous	Cash and Exchanges Due from Banks	Total Resources
Alabama.....	106	268	*3	377	\$ 28,686,800	\$ 29,250,882	\$ 312,900,737	\$ 17,866,530	\$ 388,704,949	\$ 233,024,424	\$ 54,820,300	\$ 16,895,717	\$ 83,536,344	\$ 388,276,785
Alaska.....	4	13		17	815,000	737,460	12,917,150	102,190	14,571,800	5,492,690	4,952,010	592,600	3,557,900	14,595,200
Arizona.....	15	56		71	5,117,400	3,656,620	74,011,470	2,929,216	85,714,706	42,813,830	19,980,760	5,199,310	17,755,630	85,749,530
Arkansas.....	82	356	3	441	21,679,575	14,586,771	242,275,180	7,666,120	286,207,646	170,315,630	30,812,230	12,146,817	72,578,030	285,852,707
California.....	225	271		496	200,831,908	170,938,180	3,435,059,370	129,477,970	3,936,307,428	2,273,822,781	911,894,320	200,630,245	589,817,528	3,976,164,874
Colorado.....	125	168	2	295	18,172,000	17,101,270	324,420,620	7,497,960	367,191,850	167,457,106	94,225,503	10,198,200	95,171,070	367,051,879
Connecticut.....	66	169	7	242	42,482,138	120,199,180	1,159,434,740	27,047,310	1,349,163,368	769,450,100	431,593,700	47,735,530	102,303,560	1,351,082,890
Delaware.....	19	42		61	10,589,281	18,570,680	123,537,930	4,654,850	157,352,741	83,418,940	53,281,250	6,901,900	13,698,500	157,300,590
Dist. of Col.....	14	29		43	24,287,930	23,979,530	249,452,160	13,136,060	310,855,680	175,300,110	60,501,910	24,710,510	50,346,560	310,859,090
Florida.....	63	250	1	314	34,398,500	28,876,950	427,187,520	25,685,440	516,148,410	249,366,110	121,388,280	25,831,550	119,326,810	515,912,750
Georgia.....	89	406	36	531	41,841,065	36,030,385	400,927,660	24,748,140	503,547,250	303,588,593	62,566,670	27,064,792	109,883,980	503,104,035
Hawaii.....	2	38		40	4,717,200	5,494,270	6,611,400	6,611,400	12,855,223	49,198,310	21,995,530	6,409,930	15,251,471	92,855,241
Idaho.....	53	91		144	6,637,500	3,956,680	94,727,780	2,729,530	108,051,490	48,046,400	27,650,320	6,837,521	25,438,851	107,973,092
Illinois.....	485	1,356		1,841	278,468,730	279,580,024	3,969,058,348	193,285,631	4,720,392,733	2,708,642,017	988,645,486	196,480,103	826,205,405	4,719,973,011
Indiana.....	230	702	*121	1,053	78,670,899	64,730,673	896,003,885	138,197,996	1,177,603,453	645,184,611	215,953,566	142,584,830	172,299,396	1,176,022,403
Iowa.....	287	1,085	128	1,500	71,354,170	46,085,245	905,738,570	23,814,640	1,046,992,625	634,284,410	185,115,600	55,955,380	169,221,270	1,044,576,660
Kansas.....	256	883	7	1,146	41,620,500	28,514,012	453,204,812	16,714,480	540,053,804	303,405,940	93,794,620	25,177,905	116,260,118	538,638,583
Kentucky.....	141	448		589	44,312,442	42,591,450	481,992,970	51,016,580	619,913,442	377,884,480	123,619,270	22,144,630	95,544,011	619,192,391
Louisiana.....	40	245	1	286	33,187,840	27,032,520	463,622,590	49,641,380	573,484,330	340,073,480	75,858,570	45,209,400	111,997,700	573,139,150
Maine.....	56	128		184	12,900,800	34,083,361	389,569,930	15,701,070	452,255,161	202,117,830	206,740,900	11,054,100	33,091,290	453,004,120
Maryland.....	84	210		299	41,559,521	78,007,560	813,727,260	29,044,280	962,338,621	471,998,344	324,028,920	33,879,410	131,839,321	961,799,365
Massachusetts.....	157	312	*6	475	127,983,680	322,955,840	3,964,412,470	263,927,030	4,619,279,020	2,727,161,530	1,279,180,931	173,243,990	433,863,300	4,613,449,751
Michigan.....	133	619	130	882	107,968,927	119,350,410	1,767,985,250	83,127,900	2,078,432,487	1,083,433,761	603,128,012	104,811,763	285,911,140	2,077,284,676
Minnesota.....	282	871		1,153	60,115,000	48,172,600	1,020,445,060	24,513,150	1,153,245,810	576,713,280	340,286,660	39,333,245	195,339,011	1,151,672,196
Mississippi.....	37	313		350	16,905,430	14,073,845	248,819,832	14,463,700	294,262,807	168,681,942	51,027,130	11,786,970	62,275,090	293,771,132
Missouri.....	135	1,267	*2	1,404	109,120,900	87,374,540	1,362,505,588	53,298,110	1,612,299,138	873,437,355	349,061,388	59,583,340	329,480,353	1,611,562,436
Montana.....	71	132	*2	205	11,570,000	7,355,360	169,519,147	2,969,123	191,413,630	86,045,040	49,892,516	7,753,910	47,760,020	191,451,486
Nebraska.....	160	882		1,042	34,911,700	19,872,745	467,991,092	12,383,950	535,159,487	324,715,110	73,006,210	24,630,893	110,839,150	533,191,363
Nevada.....	10	25		35	3,136,600	1,765,280	39,548,380	1,933,360	46,383,620	28,329,370	7,570,910	2,221,470	8,238,860	46,358,610
New Hampshire.....	55	68		123	8,716,000	24,474,200	266,657,853	10,183,900	310,031,953	144,020,440	143,589,810	5,092,760	17,258,670	309,961,680
New Jersey.....	298	273	*7	578	133,417,560	204,077,750	2,302,111,371	85,315,700	2,724,922,381	1,373,834,569	979,568,949	113,362,850	256,328,030	2,723,094,398
New Mexico.....	29	30		59	3,268,000	1,688,550	38,968,170	1,980,330	45,905,050	21,490,600	11,481,650	2,179,130	10,657,810	45,809,190
New York.....	571	595	88	1,254	662,289,900	1,574,036,460	16,488,915,970	1,186,654,870	19,911,897,200	9,673,467,820	6,113,236,020	1,005,166,680	3,116,767,640	19,908,638,160
North Carolina.....	77	476		553	38,804,267	34,390,370	445,994,820	31,300,620	550,490,077	355,416,511	53,673,660	27,599,880	112,575,360	549,265,411
North Dakota.....	139	372		511	14,517,500	6,523,010	186,367,620	6,743,620	214,151,750	106,267,981	45,994,152	16,386,882	46,214,750	214,863,765
Ohio.....	341	665	*72	1,078	180,301,970	188,616,092	2,664,833,844	127,436,730	3,161,188,636	1,911,305,021	637,831,292	172,775,971	435,506,843	3,157,419,127
Oklahoma.....	342	346		688	36,599,150	14,666,310	485,296,510	14,747,630	551,309,600	241,376,910	128,965,630	27,634,090	152,036,814	550,013,444
Oregon.....	96	155		251	20,466,000	14,346,320	292,473,430	5,125,420	332,411,170	150,540,030	105,600,800	12,968,670	63,035,290	332,144,790
Pennsylvania.....	873	696	*42	1,611	343,757,446	765,081,898	5,293,470,161	321,030,618	6,723,340,123	3,153,017,268	2,411,870,343	296,648,890	858,113,705	6,719,650,206
Rhode Island.....	12	41		53	14,240,000	38,723,460	152,974,590	17,994,350	583,932,400	278,475,800	243,339,670	12,785,600	48,650,620	583,251,690
South Carolina.....	62	239	*1	302	20,637,187	13,672,590	206,637,741	13,801,650	254,749,168	148,548,831	42,313,460	16,034,430	47,672,283	254,569,004
South Dakota.....	103	314	*3	420	12,103,400	7,274,697	153,928,370	3,357,590	176,664,057	91,384,327	32,948,774	11,041,263	40,481,460	175,855,824
Tennessee.....	105	455	1	561	42,027,817	28,302,810	446,101,922	47,636,250	564,068,799	345,225,300	55,880,462	49,333,450	113,225,630	563,664,842
Texas.....	644	762	87	1,493	117,678,170	78,628,005	1,213,125,865	65,991,250	1,475,423,290	784,969,564	208,617,813	78,151,780	401,649,880	1,473,389,037
Utah.....	20	87		107	11,522,750	7,697,440	152,148,940	22,075,610	193,444,740	121,519,270	29,285,360	7,672,910	34,797,350	193,274,890
Vermont.....	43	63		106	7,851,000	21,054,260	227,075,050	9,276,620	265,256,930	153,662,885	85,210,260	10,260,480	15,830,948	264,964,573
Virginia.....	180	363	10	553	56,642,670	50,704,623	514,210,811	55,370,991	676,929,095	460,502,415	91,054,170	31,563,727	92,792,142	675,912,454
Washington.....	113	247		360	29,694,000	19,578,450	471,541,370	14,839,310	535,653,130	259,860,250	154,253,420	21,109,440	100,741,282	535,964,392
West Virginia.....	119	210		329	34,089,000	37,844,710	354,071,760	24,398,750	450,404,220	299,279,540	64,231,372	25,187,130	61,983,820	450,681,862
Wisconsin.....	157	818		975	63,651,850	54,508,070	950,636,470	39,030,940	1,107,827,330	621,940,300	276,406,670	40,985,250	165,960,803	1,105,293,023
Wyoming.....	28	60		88	4,260,000	3,557,230	64,034,070	1,962,740	73,814,040	36,926,860	14,716,760	3,223,100	18,875,290	73,742,010
Grand Total U.S.	7,834	18,970	765	27,569	\$ 3,370,579,073	\$ 4,884,371,628	\$ 58,078,606,562	\$ 3,290,440,585	\$ 69,623,997,848	\$ 36,856,436,016	\$ 18,792,697,339	\$ 3,334,170,324	\$ 10,639,986,089	\$ 69,623,289,768

*There are also 423 branches of national banks and 333 branches of state banks in California.

†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.....	292
British Columbia.....	201
Manitoba.....	245
New Brunswick.....	107
Newfoundland.....	29
Nova Scotia.....	167
Ontario.....	1,403
Prince Edward Island.....	29
Quebec.....	854
Saskatchewan.....	451
St. Pierre et Miquelon.....	2
Yukon.....	3

Total, Canadian Banks and Bankers..... 3,738