

The
Chase National Bank

OF THE CITY OF NEW YORK

CAPITAL \$148,000,000

SURPLUS \$100,000,000

DEPOSITS (JUNE 30, 1932) \$1,302,456,350.72

RAND McNALLY
BANKERS DIRECTORY

JULY 1932

PUBLISHED IN SEPTEMBER

A. G. Becker & Co.

Bonds · Commercial Paper
Investment Stocks

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LA MONTE NATIONAL SAFETY PAPER

(See inside back cover)

C O P Y

Mr. Tyner

Great Northern Railway Company
32 Nassau Street
New York

AIR MAIL

December 31, 1932.

Mr. Geo. H. Hamilton, Governor
Federal Reserve Bank,
Kansas City, Missouri.

Dear Sir:

Would you please have those responsible for presenting to us coupons due January 1, 1933 from the bonds enumerated at foot, compile a list of those received from member banks for whom you may act as Collecting Agent, or any of the bonds you may hold in safekeeping? We may wish to ask for these names and addresses.

In the event that you should be unwilling to disclose the names, we may wish you to communicate with the actual owners of these securities for us.

Assuring you of our appreciation of your cooperation, and with thanks in advance, believe me,

Yours very truly

(Signed) N. Terhune

Vice President

Saint Paul, Minneapolis & Mantiboa Railway Company
Consolidated Mortgage 6% bonds.

"	"	4 $\frac{1}{2}$ %	"
"	"	4%	"

and
Great Northern Railway Company,
First and Refunding Mortgage 4 $\frac{1}{4}$ % bonds.

2

RECEIVED
FEDERAL RESERVE BANK
ST. LOUIS, MO.
JAN 10 1934

PRESSED STEEL CAR COMPANY

PITTSBURGH, PA.

BUILDERS OF FREIGHT AND PASSENGER CARS

OFFICES AT NEW YORK, PITTSBURGH AND CHICAGO

WORKS AT MCKEES ROCKS, PA., PITTSBURGH, PA., AND HEGEWISCH, CHICAGO, ILL.

F. N. HOFFSTOT,
PRESIDENT

#80 Broad St., New York, N. Y. January 5, 1933.

ALL AGREEMENTS ARE CONTINGENT UPON STRIKES, ACCIDENTS, FIRES AND OTHER DELAYS UNAVOIDABLE OR BEYOND OUR CONTROL

13
Mr. [unclear]
Federal Reserve Bank,
10th & Grand Ave.
Kansas City, Mo.

Gentlemen:

Supplementing our letter of October 15, 1932, relative to our offer to the holders of Pressed Steel Car Company's 10-year 5% Convertible Gold Bonds due January 1, 1933:

Enclosed find copy of our letter to bondholders dated December 27, 1932, from which you will note that the offer of September 28th, 1932, has not been made effective due to insufficient deposits and that time for deposit has been extended to January 16th, 1933.

We are still making every effort to locate the owners of the bonds and would appreciate it if you could give us the names of the individuals or holders who may forward bonds through your bank for presentation to the paying agent.

Very truly yours,

F. N. Hoffstot
President.

No Record
MC

Pressed Steel Car Company

BRIDGERS OF BRIDGE AND IRONWORKS CO.
BRIDGES AT NEW YORK, PITTSBURGH AND CHICAGO

480 Broad St., New York, N. Y. January 2, 1933.

F. M. ROBERTSON

ALL INFORMATION AND COMMUNICATIONS RELATIVE TO THIS MATTER ARE TO BE KEPT STRICTLY CONFIDENTIAL AND NOT TO BE DISCLOSED OR REPRODUCED WITHOUT THE WRITTEN CONSENT OF THE BOARD OF DIRECTORS.

Federal Reserve Bank,
10th & Grand Ave.,
Kansas City, Mo.

Gentlemen:

Supplementing our letter of October 13, 1932, relative to our offer to the holders of Pressed Steel Car Company's 10-year 3% Convertible Gold Bonds due January 1, 1933:

Enclosed find copy of our letter to bondholders dated December 27, 1932, from which you will note that the offer of September 15th, 1932, has not been made effective due to insufficient deposits and that time for deposit has been extended to January 15th, 1933.

We are still making every effort to locate the owners of the bonds and would appreciate it if you could give us the names of the individuals or holders who may forward bonds through your bank for presentation to the paying agent.

Very truly yours,

President.

PRESSED STEEL CAR COMPANY

PITTSBURGH, PA.

BUILDERS OF FREIGHT AND PASSENGER CARS

OFFICES AT NEW YORK, PITTSBURGH AND CHICAGO

WORKS AT MCKEES ROCKS, PA., PITTSBURGH, PA., AND HEGEWISCH, CHICAGO, ILL.

F. N. HOFFSTOT,

PRESIDENT

#80 Broad Street, New York, N.Y., December 27, 1932

ALL AGREEMENTS ARE CONTINGENT UPON STRIKES, ACCIDENTS, FIRES AND OTHER DELAYS UNAVOIDABLE OR BEYOND OUR CONTROL
TO THE HOLDERS OF

PRESSED STEEL CAR COMPANY

10 YEAR 5% CONVERTIBLE GOLD BONDS, DUE JANUARY 1, 1933:

The offer under the plan of September 28, 1932, has not been made effective because of insufficient deposits, although substantially more than a majority of the bonds have been deposited.

Therefore the management now makes to the bondholders the following alternative offers:

(A) The cash payment of \$250 and \$750 in 1943 Debentures for each \$1000 bond, as originally proposed, or

(B) \$550 in cash for each \$1000 bond,

with corresponding amounts for each \$500 bond.

If substantially all the bondholders accept one or the other of these offers and deposit the bonds for that purpose, the Company believes that it can arrange to secure the necessary funds.

It is obvious that such deposits must be made promptly if such a plan is to be consummated. The Company has accordingly instructed The New York Trust Company, as Depositary, to accept deposit of bonds until January 16, 1933. If in the judgment of the Company sufficient bonds are not deposited or the necessary financial arrangements cannot be made, the plan will not be made effective.

If the Company is not able to make such plan effective, the alternative is that the Company will be forced into receivership.

Holders of undeposited bonds are requested to forward their bonds immediately to The New York Trust Company, Depositary, with instructions on the enclosed form of transmittal letter as to which of the alternatives they elect to receive, namely: \$250 in cash and \$750 in 1943 Debentures per \$1000 bond or \$550 in cash for each \$1000 bond. Each holder of a certificate of deposit under the offer of September 28, 1932, is requested to instruct the Depositary immediately on the enclosed card (postage prepaid) whether or not he wishes to take \$550 cash for each \$1000 bond; otherwise we will understand that he wishes his original acceptance of \$250 cash and \$750 in 1943 Debentures for each \$1000 bond, to stand.

If and when the plan is declared operative, the January 1, 1933 coupons will be paid in the regular way through the Company's paying agent.

PRESSED STEEL CAR COMPANY

F. N. Hoffstot
President

PRESSING STEEL CAR COMPANY

PITTSBURGH, PA.

MEMORANDUM FOR THE BOARD OF DIRECTORS AND SHAREHOLDERS

DATE: JANUARY 1, 1933

TO THE BOARD OF DIRECTORS AND SHAREHOLDERS

TO THE BOARD OF DIRECTORS AND SHAREHOLDERS

The following is a summary of the plan of reorganization of the Pressing Steel Car Company, as adopted by the Board of Directors on January 1, 1933.

The plan of reorganization of the Pressing Steel Car Company, as adopted by the Board of Directors on January 1, 1933, is as follows:

(A) The cash payment of \$250 and \$100 in 1933 for each \$1000 bond, as originally proposed, or

(B) \$500 in cash for each \$1000 bond.

The Board of Directors has adopted the plan of reorganization of the Pressing Steel Car Company, as adopted by the Board of Directors on January 1, 1933.

If substantially all the bondholders agree to one or two of the above plans and deposit the bonds for that purpose, the Company believes that it can arrange to secure the necessary funds.

It is obvious that such deposits must be made promptly if a plan is to be successful. The Company is a corporation organized under the laws of the State of New York. It is a corporation organized under the laws of the State of New York. It is a corporation organized under the laws of the State of New York.

If the Company is not able to secure such plan, it is alternative to that the Company will be forced into liquidation.

Holders of unsecured bonds are requested to forward their bonds immediately to The New York Trust Company, Incorporated, with instructions to the effect that they are to be placed in a special fund for the purpose of the reorganization of the Pressing Steel Car Company. The plan of reorganization of the Pressing Steel Car Company, as adopted by the Board of Directors on January 1, 1933, is as follows:

It and when the plan is declared operative, the January 1, 1933 coupon will be paid in the regular way through the Company's paying agent.

PRESSING STEEL CAR COMPANY

OCT 1-1932

United States Government Obligations

LIBERTY BONDS . TREASURY BONDS

TREASURY NOTES

CERTIFICATES OF INDEBTEDNESS

Also

FEDERAL LAND BANK BONDS . TERRITORIAL BONDS

BONDS OF INSULAR POSSESSIONS

Bought and Sold at NET Prices for New York delivery and payment

STATE AND MUNICIPAL BONDS

PUBLIC UTILITY BONDS . . . RAILROAD BONDS

INDUSTRIAL BONDS . . . FOREIGN BONDS

SHORT TERM NOTES

Bought . Sold . Quoted

THE NATIONAL CITY COMPANY

Head Office:

55 WALL STREET, NEW YORK



Offices in

the Principal Cities

BOND INVESTMENT FOR BANKS INVOLVES THREE MAIN STEPS

1 Determining, as precisely as possible, the nature and extent of present and future needs which may be served through investment in bonds.

2 Planning and adopting a policy of sound investment which is calculated to meet those needs most completely and most economically.

3 Selecting bonds which provide the structural and functional features prescribed in the policy of investment which has been adopted.

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

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

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

adopted such a policy, however, the selection of bonds thereafter acquires a degree of positiveness that can be realized through no other means.

Further suggestions on these points will be found in our folder, *Sound Investment Practice for the Commercial Bank*. Any bank officer may have a copy on request.

BONDS TO FIT THE INVESTOR

HALSEY, STUART & CO.

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AND OTHER PRINCIPAL CITIES

RAND McNALLY BANKERS DIRECTORY

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THE BANKERS BLUE BOOK

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With Selected Lists of:
INVESTMENT HOUSES
ATTORNEYS
DEALERS IN BANK EQUIPMENT
SERVICE AND SUPPLIES

JULY 1932

113th EDITION — FOUNDED 1872 — 60th YEAR



RAND McNALLY &

Official Numbering Agent American

NEW YORK

CHICAGO

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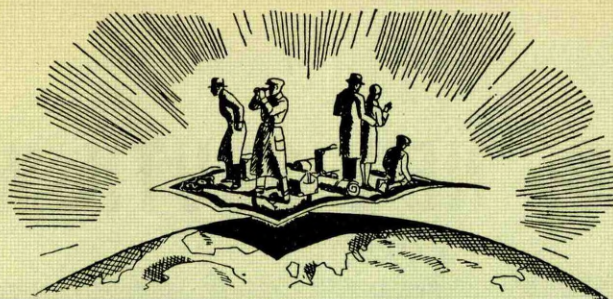
To Our Subscribers

This is the 113th consecutive edition of the BANKERS BLUE BOOK. This long continuity and the fact that nearly all the banks of the United States have need for our book steadily is proof that the service has met and kept in step with the needs of subscribers.

To this end nothing has been left undone to produce a directory as nearly perfect as experience, continued vigilance, time, and money can make it.

1. It is *meticulously* revised *verbatim* twice a year.
2. It is *complete, up-to-date* and nearer to the date of the information it contains than is any other similar publication.
3. It is printed in *tabulated form*, all *similar items* being placed in the *same column*, for the purpose of comparison—more costly to the publisher, but more satisfactory to the user.
4. It is *skillfully printed* in clear readable type.
5. It gives to advertisers a *country-wide circulation*, covering practically all of the banks in America and thousands of the large corporations and lawyers' offices, a circulation *eight times that of any other similar publication* and larger than that of all similar publications combined.

RAND McNALLY & COMPANY



Specimen, in exact size, of an A. B. A. Cheque

FACTS ABOUT A. B. A. CHEQUES

A. B. A. Cheques are accepted wherever travelers go. They may be used at hotels, railroad and steamship ticket agencies, and stores, in this country and abroad. They may be encashed at leading banks the world over, as well as at offices of the Postal Telegraph-Cable Company in the United States. These cheques identify the holder—no further identification is necessary.

The cheques are signed at the time of purchase in the presence of the issuer. They are signed again at the time they are used, in the presence of the acceptor. Should they be lost, stolen or destroyed before they have been countersigned, the money will be refunded. A. B. A. Cheques are insured money.

In case of loss, application for refund may be made through the issuing bank or through offices of the

Postal Telegraph-Cable Company in the United States or direct to Bankers Trust Company, New York; in Europe through any leading bank, or direct to the Paris or London office of Bankers Trust Company; in the Orient, through the offices of the Yokohama Specie Bank. Refunds are made promptly upon receipt of the requisite information.

A. B. A. Cheques are convenient to purchase—your own bank has them. They are issued in denominations of \$10, \$20, \$50 and \$100. The cost to the customer is 75 cents for \$100.

A. B. A. Cheques were designed by the American Bankers Association to permit member banks to issue travel cheques in their own name. Each cheque issued by a bank bears that bank's name, and serves as a constant reminder to the customer of the completeness of the bank's service.

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AUSTRALIA and NEW ZEALAND.

BANK OF NEW SOUTH WALES

(ESTABLISHED 1817.)

(with which are amalgamated the Western Australian Bank and
The Australian Bank of Commerce Limited)

Paid-up Capital	-	-	-	-	-	£ 8,780,000
Reserve Fund	-	-	-	-	-	6,150,000
Reserve Liability of Proprietors	-	-	-	-	-	8,780,000
						<u>£23,710,000</u>
Aggregate Assets						
30th September, 1931	-	-	-	-	-	£90,111,427. 9. 6



Head Office: SYDNEY, NEW SOUTH WALES

A. C. DAVIDSON, General Manager

688 BRANCHES and AGENCIES in the Australian States, New Zealand, Fiji, Papua, Mandated Territory of New Guinea and London. The Bank transacts every description of Australasian Banking Business. Wool and other Produce Credits arranged.

London (England) Office:

29, THREADNEEDLE STREET, E. C. 2

THE NATIONAL BANK OF NEW ZEALAND, LIMITED

Authorised and Subscribed Capital	-	\$30,000,000	\$5 = £1
Paid Up Capital	-	-	\$10,000,000
Reserve Fund (Invested in Government Securities)	-	-	\$10,000,000
Reserve Liability of Shareholders	-	-	\$30,000,000
			<u>\$50,000,000</u>

DIRECTORS

SIR AUSTIN E. HARRIS, K. B. E., Chairman
THE RT. HON. LORD BALFOUR OF BURLEIGH
HENRY F. FRESHWATER, Esq. RICHARD DURANT TROTTER, Esq.
THE RT. HON. VISCOUNT HAMPDEN, K. C. B., C. M. G.

HEAD OFFICE,

8, MOORGATE,
LONDON, E. C. 2
ARTHUR WILLIS, Manager

CHIEF OFFICE IN

NEW ZEALAND,
WELLINGTON
J. T. GROSE, General Manager

BILLS OF EXCHANGE COLLECTED

WOOL AND PRODUCE CREDITS ARRANGED

ALL CLASSES OF BANKING BUSINESS UNDERTAKEN

BRANCHES AND AGENCIES THROUGHOUT NEW ZEALAND

LONDON BANKERS

THE BANK OF ENGLAND

LYODS BANK, LIMITED

THE NATIONAL BANK OF SCOTLAND, LTD.

BARCLAYS BANK

LIMITED

Head Office: 54, Lombard Street, LONDON, E. C. 3.

FREDERICK CRAUFURD GOODENOUGH, Chairman

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

Over 2050 branches in England and Wales
Agents and Correspondents throughout the World

**THE BANK IS SPECIALLY ORGANISED FOR THE REPRESENTATION
IN GREAT BRITAIN OF AMERICAN BANKS AND BANKERS**

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BARCLAYS BANK S. A. I., ROME & GENOA

BARCLAYS BANK (Canada), MONTREAL and TORONTO

BARCLAYS TRUST COMPANY OF CANADA, MONTREAL

THE BRITISH LINEN BANK

THE UNION BANK OF MANCHESTER LIMITED

Representatives in America: { H. POË ALTON, 44, Beaver Street, New York, N. Y.
H. A. STEVENSON, 501, Av. Pte. Roque Saenz Peña, Buenos Aires



LLOYDS BANK LIMITED

Head Office: 71, LOMBARD STREET, LONDON, E.C.3

The Bank has over 1,900 Offices in England and Wales,
and others in India and Burma.

(31st December 1931)				
DEPOSITS, &c.	-	-	-	£335,008,744
ADVANCES, &c.	-	-	-	£167,517,978

The Bank has Agents and Correspondents in all parts of the world
and undertakes Overseas business of all kinds.

The Agency of Colonial and Foreign Banks is also undertaken and
every description of Banking business is transacted.



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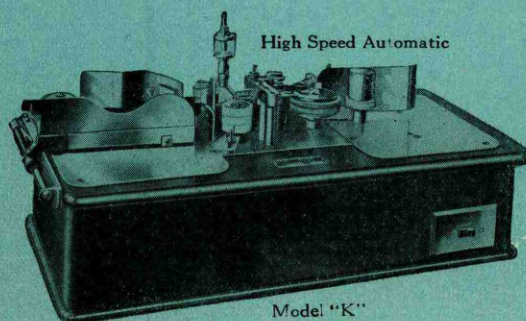
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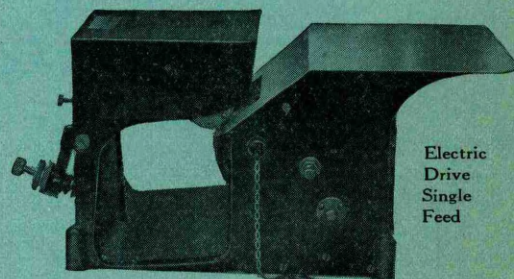
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BANK SERVICE AND SUPPLY ADVERTISER

The **BANKERS SERVICE ~GUIDE~**

How and Where to Buy

A Complete Directory and Con-
densed Catalog of Bank Equipment,
Supplies and Service designed to
meet the needs of American Banks

JULY 1932 EDITION

PUBLISHED BY

RAND McNALLY & COMPANY

NEW YORK

CHICAGO

SAN FRANCISCO

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COMPLETE FINDING LIST

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

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

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

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

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

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CLASSIFIED SECTION

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

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

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

way and not merely according to the noun.

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

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

A

1 ACCOUNTANTS AND AUDITORS

Arnold, Himmelblau & Co., 140 S. Dearborn, Chicago, Ill.
ERNST & ERNST, 27 Cedar St., New York, N. Y.
EDWARD GORE & CO., 125 W. Madison, Chicago, Ill.
 Gregerson Bros., Omaha N. Bk. Bldg., Omaha, Neb.
 Lafrentz & Co., F. W., 100 Broadway, New York, N. Y.
 Snow & Co., M. P., 400 N. Michigan Ave., Chicago, Ill.
 Temple, Brissman & Co., 107 East Third, St. Paul, Minn.
 Wolf & Co., 7 S. Dearborn, Chicago, Ill.
 Young & Co., Arthur, 1 N. La Salle, Chicago, Ill.

2 ACCOUNTING DEVICES

(See also Specific Headings)

Barnard Stationery Co., Geo. D., 3863 Laclede Ave., St. Louis, Mo.
 Horder's, Inc., 231 S. Jefferson, Chicago, Ill.
 Le Febure Corporation, Cedar Rapids, Iowa.
 Lloyd Co., W. G., 626 S. Clark, Chicago, Ill.
 Master-Craft Corp., 825 Cobb Ave., Kalamazoo, Mich.
 McDonald Ledger & Loose Leaf Co., 1809 Summerdale, Chicago, Ill.
 Miller, Franklin & Co., Inc., 347 Madison, New York, N. Y.
 Penning & Snyder, Inc., 154 N. Fifth, Columbus, Ohio.
 Remington Rand Inc., Buffalo, N. Y.
 Richmond & Backus Co., Woodward at Congress, Detroit, Mich.
 Sheppard Co., C. E., 4401 21st., Long Island City, N. Y.
 Watt & Gillogly, Inc., 105 S. Dearborn, Chicago, Ill.
 Wilson-Jones Co., 3300 Franklin Blvd., Chicago, Ill.
 Yawman and Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

3 ACCRUAL ACCOUNTING AND AUDIT CONTROL

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

4 ACKNOWLEDGEMENT, NEW ACCOUNTS

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

ADDING MACHINE PAPER

(See Rolls, Adding Machine).

ADDING MACHINES

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

ADDRESSING MACHINES

(See Machines, Addressing)

5 ADHESIVES

(See also Supplies, Bank and Office)

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

ADVERTISING, BILL BOARD (See Advertising Poster and Billboard)

ADVERTISING BLOTTERS

(See Blotters, Advertising)

6 ADVERTISING, BUILDING AND LOAN

Bankers Development Corp., 31 Nassau, New York, N. Y.
 Brace & Co., H. G., 400 Seventh North, Seattle, Wash.
 Call's Bankers Service Corporation, 321-327 Pearl St., Scranton, Pa.
 Dispatch Photo News Service, Inc., 207 W. 25th St., New York, N. Y.
 Earl Service for Banks, Boston (Melrose), Mass.
 Elliott Service Co., Inc., 242-250 W. 55th, New York, N. Y.
 Financial Displays, Inc., 360 E. Grand Ave., Chicago, Ill.
 Greig, Melville M., P. O. Box 121, Middletown, N. Y.
 Hawk, Financial Advertising, C. F., 33 Public Square, Cleveland, Ohio.
 Hunter Printing Co., 382 Fifth St., Oakland, Calif.
 O. K. Press, 2301 S. Kedzie Ave., Chicago, Ill.
 Schwabacher-Frey Co., 735 Market, San Francisco, Calif.
 Western Lithograph Co., 600 E. 2nd, Los Angeles, Calif.

ADVERTISING DATA SERVICE

(See Service, Advertising Data)

7 ADVERTISING, DIRECT MAIL MATERIAL

American Embossing Co., 196 Seneca, Buffalo, N. Y.
 Armstrong Advertising Company, 332 S. Michigan, Chicago, Ill.
 Arndt & Co., John Falkner, Lewis Tower, 15th & Locusts Sts., Philadelphia, Pa.
 Bankers Development Corp., 31 Nassau, New York, N. Y.
 Bankers Service Corp., 19 Warren, New York, N. Y.
 Bauder-Baker, 225 N. Michigan Ave., Chicago, Ill.
 Baumgarth Co., The, 3300 W. Sample, South Bend, Ind.
 Blodgett Co., Harvey, 551 5th Ave., New York, N. Y.
 Brace of Buffalo, 37 Niagara, Buffalo, N. Y.
 Buckley, Dement & Co., 1300 W. Jackson Blvd., Chicago, Ill.
 Call's Bankers Service Corporation, 321-327 Pearl St., Scranton, Pa.
 Clark Service (div. of Clark Prntg. House, Inc.) 821 Cherry, Philadelphia, Pa.
 Craddick Service, 716 4th Ave., S., Minneapolis, Minn.
 Dameron-Pierson Company, Ltd., 400 Camp, New Orleans, La.
 DeLano Service, Allegan, Mich.
 Du Bois Press, 637 Broadway, Rochester, N. Y.
 Forbes Lithograph Mfg. Co., P. O. Box 5130, Boston, Mass.
 Earl Service for Banks, Boston (Melrose), Mass.
 Greig, Melville M., P. O. Box 121, Middletown, N. Y.
 Griffith-Stillings Press, 368 Congress, Boston, Mass.
 Hawk Financial Advertising, C. Franklin, 33 Public Square, Cleveland, Ohio.
 Hoyt Co., Inc., Chas. W., 11 E. 36th, New York, N. Y.
 Hunter Printing Co., 382 Fifth St., Oakland, Calif.
 Koss Co., Inc., O. A., 531 W. Larned, Detroit, Mich.
 Mendle Printing Co., 325 N. Third, St. Louis, Mo.
 George Moll-advertising, Ninth Bank Bldg., Kensington & Allegheny Aves., Philadelphia, Pa.
MORAN, B. T., INC., 400 N. Michigan Ave., Chicago, Ill.
 Murphy Co., Thos. D., 110 S. 2nd St., Red Oak, Ia.

Osborne Co., 759 Summer Ave., Newark, N. J.
 Oswald Advertising Agency, Inc., 1528 Walnut, Philadelphia, Pa.
 Price, Henry F., 15 E. 40th., New York, N. Y.
 Purse Co., 435 Chestnut, Chattanooga, Tenn.
 Reed & Banker Associates, P. M., 431 N. Michigan Ave., Chicago, Ill.
 Rose, Inc., Wm. Ganson, 3030 Euclid, Cleveland, O.
 Savings Service Co., The, 1587 E. Blake Ave., Columbus, O.
 Schaefer Ross Co., Inc., 84 North, Rochester, N. Y.
 Schwabacher-Frey Co., 735 Market, San Francisco, Calif.
 Smith Co., K. L., 1486 Union Tr. Bldg., Cleveland, Ohio.
 Standard Christmas Club Co., 435 N. Michigan Ave., Chicago, Ill.
 Staples & Staples, Inc., 10 S. 10th, Richmond, Va.
 Weldon & Co., 140 S. Dearborn, Chicago, Ill.
 Wessling Services, Des Moines, Iowa.
 Western Lithographing Co., 600 E. 2d, Los Angeles, Calif.
 Wilson, Inc., Edwin Bird, 120 Wall, New York, N. Y.; 208 S. La Salle, Chicago, Ill.; Citizens & Southern Bank Bldg., Atlanta, Ga.

8 ADVERTISING MAPS

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

9 ADVERTISING, MOTION PICTURE

Alexander Film Co., 3200 N. Nevada, Colorado Springs, Colo.
 Bell & Howell Co., 1801 Larchmont Ave., Chicago, Ill.
 Columbus Advertising Service Co., 230 Clinton Bldg., Columbus, Ohio.
 The Davis Bulletin Co., Inc., 12 Lock, Buffalo, N. Y.
 Lockren Film & Slide Co., William A., 16 N. 4th, Minneapolis, Minn.

ADVERTISING, NEWSPAPER

(See Advertising Service)

ADVERTISING NOVELTIES

(See Specialties, Advertising and Specific Headings)

10 ADVERTISING, POSTER & BILLBOARD

Al Fresco Advertising Co., 900 S. Grand Blvd., St. Louis, Mo.
 Blodgett Co., Harvey, 551 5th Ave., New York, N. Y.
 The Davis Bulletin Co., Inc., 12 Lock, Buffalo, N. Y.
 Dispatch Photo News Service, Inc., 207 W. 25th, New York, N. Y.
ELLIOTT SERVICE CO., INC., 242-250 W. 55th, New York, N. Y.
 Fogarty Manufacturing Co., 800 Monument Ave., Dayton, O.
 Follis Adv. Service, W. E., 159 N. State, Chicago, Ill.
 General Outdoor Advertising Co., Inc., 1 Park Ave., New York, N. Y.
 Greig, Melville M., P. O. Box 121, Middletown, N. Y.
 Hoyt Co., Inc., Chas. W., 11 E. 36th, New York, N. Y.
 Litho. Paint Poster Co., 4236 Lincoln Ave., Chicago, Ill.
 National Service Bureau of New York, Inc., P. O. Box 121, Middletown, N. Y.
 North American Service Co., 105 W. Monroe, Chicago, Ill.
 Oswald Advertising Agency, Inc., 1528 Walnut, Philadelphia, Pa.
 Sunset System, 2323 Broadway, San Antonio, Tex.
 Western Lithograph Co., 600 E. 2d, Los Angeles, Calif.
 Wilson, Inc., Edwin Bird, 120 Wall, New York, N. Y.; 208 S. La Salle, Chicago, Ill.; Citizens & Southern Bank Bldg., Atlanta, Ga.

11 ADVERTISING SERVICE

Advertising Displays, Inc., 1129 Banklick St., Covington, Ky.
 American Bank Supply Co., 628 N. Illinois, Indianapolis, Ind.
 Arndt & Co., John Falkner, Lewis Tower, 15th & Locusts Sts., Philadelphia, Pa.
 Banco-General Printing Co., 836 Montgomery, San Francisco, Calif.
 Bankers Advertising Bureau, 211 Wilkinson Bldg., Omaha, Nebr.
 Bankers Development Corp., 31 Nassau, New York, N. Y.
 Bankers Display Co., Inc., Hibberd Bldg., South Bend, Ind.
 Bankers Service Corp., 19 Warren, New York, N. Y.
 Banthrico Inc., 2944 W. Lake, Chicago, Ill.
BAUDER BAKER, 225 N. Michigan Ave., Chicago, Ill.
 Blodgett Co., Harvey, 551 5th Ave., New York, N. Y.
 Brace & Co., Inc., H. G., 400 Seventh North, Seattle, Wash.
 Brearley Service Organization, 1440 Broadway, New York, N. Y.
 Call's Bankers Service Corporation, 321-327 Pear, Scranton, Pa.
 Campbell-Ewald Co., General Motors Bldg., Detroit, Mich.
 Chicago Thrift Co., 1100 Washington Blvd., Chicago, Ill.
 Clark, Dodge & Co., 51 Wall, New York, N. Y.
 Clark Service (div. of Clark Prntg. House, Inc.) 821 Cherry, Philadelphia, Pa.
 Craddick Service, 716 4th Ave., S., Minneapolis, Minn.
 Davis Bulletin Co., Inc., 12 Lock St., Buffalo, N. Y.
 Delano Service, Allegan, Mich.
 Devlin & Bennett, Inc., 203 N. Wabash, Chicago, Ill.
 Dispatch Photo News Service, Inc., 207 W. 25th, New York, N. Y.
 Du Bois Press, 637 Broadway, Rochester, N. Y.
 Donnelley & Sons Co., R. R., 350 E. 22nd, Chicago, Ill.
 Earl Service for Banks, Boston (Melrose), Mass.
ELLIOTT SERVICE CO., INC., 242-250 W. 55th, New York, N. Y.
 Financial Displays, Inc., 360 E. Grand Ave., Chicago, Ill.
 First National Advertising Service, 537 S. Dearborn, Chicago, Ill.
 Gamble & Co., Ltd., 20 N. Wacker Drive, Chicago, Ill.
 Greig, Melville M., P. O. Box 121, Middletown, N. Y.
 Hawk Financial Advertising, C. Franklin, 33 Public Square, Cleveland, O.
 Hoyt Co., Inc., Chas. W., 11 E. 36th., New York, N. Y.
 Hudson Service for Banks, 149 Broadway, New York, N. Y.
 Hunter Printing Co., 382 Fifth St., Oakland, Calif.
 Illustrated Current News, Inc., 85 Willow, New Haven, Conn.
 Investment Advertising Co., 208 S. La Salle, Chicago, Ill.
 Kinsley Service Inc., 103 E. 125th, New York, N. Y.
 Kohl & Co., Inc., P. J., 230 W. Huron St., Chicago, Ill.
 Koss Co., Inc., O. A., 531 W. Larned, Detroit, Mich.
 Matthews Industries, Inc., 685 Mullett St., Detroit, Mich.
MORAN, B. T., INC., 400 N. Michigan Ave., Chicago, Ill.
 Morison, Francis R., 7th Floor, Marshall Bldg., 11 Public Square, Cleveland, Ohio.
 Page Bank Extension Service, 4753 Broadway, Chicago, Ill.
 Price, Henry F., 15 E. 40th., New York, N. Y.
RAND McNALLY & CO., 536 S. Clark St., Chicago, Ill.
 Redmond & Co., 31-33 Pine, New York, N. Y.
 Reed & Banker Associates, P. M., 431 N. Michigan Ave., Chicago, Ill.
 Reeves Adv. Co. (The), 1924 Linwood Ave., Toledo, O.
RICKER, JEWETT E., Morris Bldg., Joliet, Ill.
 Rose, Inc., Wm. Ganson, 3030 Euclid, Cleveland, O.
 Rudolph Guenther-Russell Law, Inc., 131 Cedar, New York, N. Y.
 Seovil Bros. & Co., Inc., 75 West St., New York, N. Y.
 Simons, Harry C., Curren Arcade, Norristown, Pa.
 Smith Associates, Inc., T. Harris, 231 S. La Salle, Chicago, Ill.; 123 S. Broad, Philadelphia.
 Smith Co., K. L., 1486 Union Tr. Bldg., Cleveland, Ohio.
 Staples & Staples, Inc., 10 S. 10th, Richmond, Va.
 Stuart Hooper Co., 5431 S. Wabash Ave., Chicago, Ill.
 Thrift Development Corp., 206 S. Spring, Los Angeles, Calif.
 Uncle Philander Publishing Co., Inc., 16 Westchester, New Rochelle, N. Y.
 Union Savings Systems Co., 131 N. Duke St., Lancaster, Pa.

Weldon & Co., 140 S. Dearborn, Chicago, Ill.
 Wessell Co., 458 E. 30th, Chicago, Ill.
 Wessling Services, Des Moines, Iowa.
 Wilson, Inc., Edwin Bird, 120 Wall, New York, N. Y.; 208 S. La Salle St., Chicago, Ill.; Citiz. & Sou. Bk. Bldg., Atlanta, Ga.

ADVERTISING SPECIALTIES

(See Specialties, Advertising and Specific Headings)

12 ADVERTISING, STREET CAR

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

13 ADVERTISING, TRUST DEPARTMENT

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

Bauder-Baker, 225 N. Michigan Ave., Chicago, Ill.
 Call's Bankers Service Corp., 321-327 Pear, Scranton, Pa.
 Davis Bulletin Co., Inc., 12 Lock St., Buffalo, N. Y.
 Dispatch Photo News Service, Inc., 207 W. 25th, New York, N. Y.
 Elliott Service Co., Inc., 242-250 W. 55th, New York, N. Y.
 Illustrated Current News, Inc., 85 Willow, New Haven, Conn.
 Koss Co., Inc., O. A., 531 W. Larned, Detroit, Mich.
MORAN, B. T., INC., 400 N. Michigan Ave., Chicago, Ill.
 Oswald Advertising Agency, Inc., 1528 Walnut, Philadelphia, Pa.
 Purse Co., 435 Chestnut, Chattanooga, Tenn.
 Smith Co., K. L., 1486 Union Tr. Bldg., Cleveland, Ohio.
 Staples & Staples, Inc., 10 S. 10th, Richmond, Va.

14 ADVERTISING, WINDOW DISPLAY

Advertising Displays, Inc., 1129 Banklick, Covington, Ky.
 American Signs Corporation, 436 W. Willard, Kalamazoo, Mich.
 The Bankers Display Company, Hibberd Bldg., South Bend, Ind.
THE BANKETTE COMPANY, INC., 88 Broad St., Boston, Mass.
 Banthrico Inc., 2944 W. Lake, Chicago, Ill.
 Bell & Howell Co., 1801 Larchmont Ave., Chicago, Ill.
 Character Display Co., 3249 N. Herndon, Chicago, Ill.
 Chicago Thrift Co., 1100 Washington Blvd., Chicago, Ill.
 Craddick Service, 716 4th Ave., So., Minneapolis, Minn.
 The Davis Bulletin Co., Inc., 12 Lock, Buffalo, N. Y.
 Dispatch Photo News Service, Inc., 207 W. 25th, New York, N. Y.
 Earl Service for Banks, Boston (Melrose) Mass.
ELLIOTT SERVICE CO., INC., 242-250 W. 55th, New York, N. Y.
 Financial Displays, Inc., 360 E. Grand Ave., Chicago, Ill.
 Flexograph Corporation, 254 W. 31st, New York, N. Y.
 Greig, Melville M., P. O. Box 121, Middletown, N. Y.
 Hawk Financial Advertising, C. Franklin, 33 Public Square, Cleveland, Ohio.
 Illustrated Current News, Inc., 85 Willow, New Haven, Conn.
 Litho Paint Poster Co., 4236 Lincoln Ave., Chicago, Ill.
MORAN, B. T., INC., 400 N. Michigan Ave., Chicago, Ill.
 Motion Publicity, Inc., 400 River, Ypsilanti, Mich.
 National Service Bureau of New York, Inc., P. O. Box 121, Middletown, N. Y.
 National Studios, Inc., 226-232 W. 56th, New York, N. Y.
 Old King Cole, Inc., 1800 22nd St., N. E., Canton, O.
 Onli-Wa Fixture Co., St. Paul Ave., Dayton, O.

Schaefer Ross Co., Inc., 84 North St., Rochester, N. Y.
 Smith Co., K. L., 1486 Union Tr. Bldg., Cleveland, Ohio.
 Spiegel Display Co., Inc., 521 W. Monroe, Chicago, Ill.
 Thrift Service Co., 2128 Richland Ave., Cleveland, Ohio.
 Wessling Services, Lytton, Iowa.
 Western Lithograph Co., 600 E. 2d, Los Angeles, Calif.

AFFIXERS, STAMP

(See Stamp Affixers)

15 AGENTS, NATIONAL BANK

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

ALARMS

(See specific headings: Burglar Alarms; Fire Alarms)

16 APPRAISERS

American Appraisal Co., 525 E. Michigan, Milwaukee, Wis.
 Coats & Burchard Co., 844 Rush, Chicago, Ill.
 The Lloyd-Thomas Co., 4411 N. Ravenswood Ave., Chicago, Ill.

17 ARCHITECTS

(See also Architects and Builders)

American Bankbuilding Construction Co., 1201 E. Georgia, Indianapolis, Ind.
 Beal Sons, J. Williams, 185 Devonshire, Boston, Mass.
 Brown, A. Ten Eyck, Forsyth Bldg., Atlanta, Ga.
 Brunner & Simmons, Inc., 141 W. Jackson, Blvd., Chicago, Ill.
 Carmichael & Millsbaugh, 5 East Long, Columbus, O.
 Childs & Smith, 720 N. Michigan Ave., Chicago, Ill.
 Clark, Jr., Appleton P., 816-14th, N. W., Washington, D. C.
 Ferguson Co., The H. K., Hanna Bldg., Cleveland, O.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, Ohio.
GRAHAM, ANDERSON, PROBST & WHITE, 80 E. Jackson Blvd., Chicago, Ill.
 Halsey, McCormack & Helmer, Inc., 286 Fifth Ave., New York, N. Y.
 Holmes Chas. A., 153 E. 38th, New York, N. Y.
 Hopkins & Dentz, 415 Lexington Ave., New York, N. Y.
 James Co., Thomas M., 3 Park, Boston, Mass.
 Lane & Tweed, City Bk. Bldg., Grand Ave. at 18th, Kansas City, Mo.
 Lockwood, Green & Co., 24 Federal, Boston, Mass.
 Long & Thorshov, Inc., 1012 Andrus Bldg., Minneapolis, Minn.
 Marston & Maybury, 25 S. Euclid Ave., Pasadena, Cal.
 McGuire & Shook, 941 N. Meridian, Indianapolis, Ind.
 Metzger & Acock, 101 Park Ave., New York, N. Y.
 Miller, A. Stanley, Ocean Pkwy. & Av. C., Brooklyn, N. Y.
 Morgan French Co., 19 W. 44th, New York, N. Y.
 Parkinson, John and Donald B., 420 Title Insurance Bldg., Los Angeles, Cal.
 Scheitler & Wenisch, 737 N. Michigan Ave., Chicago, Ill.
 Schenck & Williams, 1406 Third N. Bldg., Dayton, Ohio.
 Schwartz, Albert A., 228 N. La Salle, Chicago, Ill.
 Simons, Brittain & English, Inc., 336 Fourth St., Pittsburgh, Pa.
 Stiles Co., Geo. W., 664 N. Michigan Ave., Chicago, Ill.
 Teich & Sullivan, 64 W. Randolph, Chicago, Ill.
 Tilghman Moyer Co., 141 N. 9th, Allentown, Penn.
UFFINGER, FOSTER & BOOKWALTER, INC., 221 W. 67th, New York, N. Y.
 Wise Co., Inc., The J. H., 911 Syndicate Tr. Bldg., St. Louis, Mo.

18 ARCHITECTS AND BUILDERS

AMERICAN BANKBUILDING CONSTRUCTION CO., 1201 E. Georgia St., Indianapolis, Ind.
BOND-HUBBARD CO., 38 S. Dearborn, Chicago, Ill. (See our adv. on this page.)
 Brown, A. Ten Eyck, Forsyth Bldg., Atlanta, Ga.
 Clark, Jr., Appleton P., 816-14th St., N. W., Washington, D. C.
 Collins Safe & Fixture Co., W. D., 513 W. Main, Denison, Texas.
 Hoggson Bros., 485 Fifth Ave., New York, N. Y.
 James Co., Thomas M., 3 Park, Boston, Mass.
 Lane & Tweed, City Bank Bldg., Kansas City, Mo.
 Moorman & Co., A., 813 First National Bank Bldg., Minneapolis, Minn.
 Ohmer, Inc., Alfred A. & Robt. F., 113 N. Jefferson St., Dayton, Ohio.
 St. Louis Bank Bldg. & Equipment Co., 906 Sidney St., St. Louis, Mo.
 Stiles Co., Geo. W., 664 N. Michigan, Chicago, Ill.
 Tilghman Moyer Co., 141 N. 9th, Allentown, Penn.
 Weary & Alford Co., 1923 Calumet Ave., Chicago, Ill.
 Wise Co., Inc., J. H., 911 Syndicate Tr. Bldg., St. Louis, Mo.

19 ATLASES, COMMERCIAL

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

AUTOMATIC TYPEWRITERS
 (See Typewriters, Automatic)

B

20 BAGS, COIN

Abbott Coin Counter Co., 143d & Wales Ave., New York, N. Y.
 American Beauty Cover Co., 1900 Orange, Dallas, Tex.
 Bankers Envelope Co., Midway Quality Park, St. Paul, Minn.
 Beach Leather Co., 1301 E. Walnut, Coshocton, O.
 Bearse Mfg. Co., 3815-3825 Cortland, Chicago, Ill.
 Bemis Bro. Bag Co., 601 S. 4th, St. Louis, Mo.
 Buckeye Leather Co., 947 Chestnut, Coshocton, O.
 Chase Bag Co., 302 E. Pittsburgh Ave., Milwaukee, Wis.
 Dixie Bag Co., Nashville, Tenn.
 Downey Co., C. L., 943-947 Clark, Cincinnati, O.
 Economy Advertising Co., Linn & Market, Iowa City, Iowa.
 Federal Bag Co., 3500 S. Morgan, Chicago, Ill.
 Ferree Co., E. H., 61 Richmond Ave., Lockport, N. Y.
 Fulton Bag & Cotton Mills, 170 Blvd., Atlanta, Ga.
 Kohl & Co., Inc., P. J., 230 Huron, Chicago, Ill.
 Leather Products Co., Iola, Kans.

Minnesota Specialty Co., 2d Ave. N. & 4th St., Minneapolis, Minn.
 PORTER SAFETY SEAL CO., 265 N. California Ave., Chicago, Ill.
 Shedd-Brown Mfg. Co., 319 5th Ave., So. Minneapolis, Minn.
 Spurgin Mfg. Co., 7011 Vincennes Ave., Chicago, Ill.
 Strayer Coin Bag Co., 1028 4th Ave., New Brighton, Pa.
 Troy Sunshade Co., 612 Grant, Troy, O.
 The Twentieth Century Co., 542 So. Dearborn, Chicago, Ill.
 Western Bank Supply Co., 3151 Texas, Oakland, Calif.
 Zimmerman & Murray, 107 W. Penn, Whittier, Calif.

21 BAGS, MAILING

Bemis Bro. Bag Co., 601 S. 4th, St. Louis, Mo.
 Chase Bag Co., 302 E. Pittsburgh Ave., Milwaukee, Wis.
 Fulton Bag & Cotton Mills, 170 Blvd., Atlanta, Ga.
 Strayer Coin Bag Co., 1028 4th Ave., New Brighton, Pa.
 Troy Sunshade Co., The, 612 Grant, Troy, O.
 Western Bank Supply Co., 3151 Texas, Oakland, Calif.

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

BANK ADVERTISING
 (See Advertising Service)

BANK FORMS
 (See Forms, Bank; also specific headings)

BANKING MAGAZINES
 (See Magazines Banking)

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

BANKS. HOME SAVINGS
 (See Savings Banks, Home and Pocket)

22 BILL FOLDS

American Beauty Cover Co., 1900 Orange St., Dallas, Tex.
 Amity Leather Products Co., West Bend, Wis.
 Beach Leather Co., 1301 E. Walnut, Coshocton, O.
 Buckeye Leather Co., 947 Chestnut, Coshocton, O.
 Carrithers & Co., 128 N. Wells, Chicago, Ill.
 Fields, Harry R., 624 Boardman, Orlando, Fla.
 Follis Advertising Service, W. E., 159 N. State, Chicago, Ill.
 Humphreys Leather Goods, Co., Inc., 243 E. Huron, Chicago, Ill.

Kohl & Co., Inc., P. J., 224-230 W. Huron, Chicago, Ill.
 Meeker Co., Inc., 3d & Michigan, Joplin, Mo.
 The Novelty Advertising Co., Coshocton, Ohio.
 Nutry, John, 85-87 Adams, Brooklyn, N. Y.
 Oliver Baker Mfg. Co., 420 S. 7th, Minneapolis, Minn.
 Texas Novelty Adv. Co., 117-119 S. Waco, Hillsboro, Tex.
 Weinman Bros., 305 W. Adams, Chicago, Ill.
 Western Bank Supply Co., 3151 Texas, Oakland, Calif.

BILLING MACHINES
 (See Machines, Billing)

23 BINDERS, CHECK
 Arkansas Printing & Lithographing Co., 1000 Center, Little Rock, Ark.
 Banco-General Printing Co., 836 Montgomery, San Francisco, Calif.
 Bankers Supply Co., 5950 S. State, Chicago, Ill.
 Burke Printing Co., 633 Monroe, Fredonia, Kan.
 De Luxe Check Printers, Inc., 900 N. Franklin, Chicago, Ill.; 2531 University Ave., St. Paul, Minn.; 129 Lafayette, New York, N. Y.; 810 Baltimore Ave., Kansas City, Mo.; 634 Huron Rd., Cleveland, Ohio.
 The Exline Co., 113 St. Clair Ave., Cleveland O.
 Northern Bank Note Co., 2340 N. Racine Ave., Chicago, Ill.
 Young & Selden Co., Calvert & Saratoga, Baltimore, Md.

24 BINDERS, LOOSE LEAF
 Adams Mfg. Co., Henry T., 8561 S. Chicago Ave., Chicago, Ill.
 American Bindery Corp., 1310 Maple, Detroit, Mich.
 American Envelope and Printing Co., 229 N. 63rd, Philadelphia, Pa.
 Barnard Stationery Co., Geo. D., 3863 Laclede Ave., St. Louis, Mo.
 Boorum & Pease Co., 500-552 S. Throop, Chicago, Ill.
 Buchan-White Loose Leaf Co., 1906 Pine, St. Louis, Mo.
 Burke Printing Co., 633 Monroe, Fredonia, Kans.
 Curtis 1000 Inc., 1000 University, St. Paul, Minn.
 F. B. Mfg. Co., 1228 Intervale Ave., New York, N. Y.
 Feldco Loose Leaf Corp., 357 N. La Salle, Chicago, Ill.
 Grand Rapids Loose Leaf Binder Co., 10-16 Logan, S. W. Grand Rapids, Mich.
 Joyce Filing Co., Edw. J., 56 W. Washington St., Chicago, Ill.
 Klapro Loose Leaf Co., 15-17 S. Delaware, Mason City, Ia.
 Lefax (Inc.), 9th & Sansom, Philadelphia, Pa.
 Le Febure Corporation, Cedar Rapids, Iowa.



BANK BUILDINGS

*
 COMPLETE SERVICE
 IN
 DESIGNING
 ENGINEERING
 CONSTRUCTION
 AND
 EQUIPMENT
 *

YOUR INQUIRIES
 ARE INVITED

BOND-HUBBARD COMPANY

BANK BUILDERS

1461 FIRST NATIONAL BANK BUILDING - CHICAGO, ILL.

BINDERS, LOOSE LEAF—Continued

Lloyd Co., W. G., 626 S. Clark, Chicago, Ill.
McDonald Ledger & Loose Leaf Co., 1809 Summerdale, Chicago, Ill.
Mann Co., William, 529 Market, Philadelphia, Pa.
Martell Co., A. E., Keene, N. H.
Master-Craft Corp., 825 Cobb Ave., Kalamazoo, Mich.
McBee Binder Co., Smith St., Athens, O.
National Blank Book Co., Riverside, Holyoke, Mass.
Prims & Sons, Inc., Geo., 730-740 W. Center, Pocatello, Idaho.
Remington Rand, Inc., Buffalo, N. Y.
Richmond & Backus Co., Woodward at Congress, Detroit, Mich.
Schwabacher-Frey Co., 735 Market, San Francisco, Calif.
Sheppard Co., C. E., 4401 21st, Long Island City, N. Y.
Smith Ptg. Co., 225-239 E. Third, Williamsport, Pa.
Stationers Loose Leaf, 350 Broadway, Milwaukee, Wis.
Tallman, Robbins & Co., 314 W. Superior, Chicago, Ill.
Three B Products, Inc., 17 E. 42d, New York, N. Y.
Wilson-Jones Co., 3300 Franklin Blvd., Chicago, Ill.
Workman Mfg. Co., 1200 W. Monroe, Chicago, Ill.
Young & Selden Company, Calvert & Saratoga, Baltimore, Md.

25 BINDERS, LOOSE LEAF, GRAVITY LOCK

McDonald Ledger & Loose Leaf Co., 1809 Summerdale, Chicago, Ill.
Remington Rand, Inc., Buffalo, N. Y.

26 BINDERS, TICKET

Blaine Systems Co., 140 Glenridge Ave., Montclair, N. J.
Curtis 1000, Inc., 1000 University Ave., St. Paul, Minn.
The Globe-Wernicke Co., Carthage Ave., Cincinnati, Ohio.
Hunt Co., C. E., 1805 Holden Court, Chicago, Ill.

27 BINDERS, TRANSFER

Adams Mfg. Co., Henry T., 8561 So. Chicago Ave., Chicago, Ill.
Buchan-White Loose Leaf Co., 1906 Pine, St. Louis, Mo.
The Exline Co., 113 St. Clair Ave. N. E., Cleveland, O.
The Globe-Wernicke Co., Carthage Ave., Cincinnati, Ohio.
Joyce Filing Co., Edw. J., 56 W. Washington, Chicago, Ill.
Remington Rand, Inc., Buffalo, N. Y.

BINDING MACHINES

(See Machines, Binding)

BINDING STRAPS

(See Straps, Binding)

28 BLACKBOARDS

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

29 BLINDS, VENETIAN

The Bostwick-Goodell Co., Garfield at Jefferson, Newark, O.
Burlington Venetian Blind Co., Burlington, Vt.
Hough Shade Corp., 134 No. La Salle, Chicago, Ill.
Kane Mfg. Co., Kane, Pa.
Mackin Venetian Blind Co., 999 N. Greenwood Ave., Kankakee, Ill.
SOUTHERN VENETIAN BLIND CO., 811 N.E. First Ave., Miami, Fla. (See our Adv. on this page).
Western Venetian Blind Co., General Office, 2700 Long Beach Ave., Los Angeles, Calif., New York, Atlanta, Memphis, Chicago, Birmingham, Boston, Kansas City, Portland, Cleveland, Detroit, San Francisco, Seattle, Charlotte, N. C., New Orleans, Jacksonville, Fla., and Fresno.
Wilson Corp., J. G., 11 E. 38th, New York, N. Y.

30 BLOTTERS, ADVERTISING

BANTHERICO INC., 2944 W. Lake, Chicago, Ill.
Bauder-Baker, 225 N. Michigan Ave., Chicago, Ill.
Brown & Bigelow, Quality Park, St. Paul, Minn.
Call's Bankers Service Corporation, 321-327 Pearl, Scranton, Pa.
Du Bois Press, 637 Broadway, Rochester, N. Y.
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.
Greig, Melville M., P. O. Box 121, Middletown, N. Y.

Kemper-Thomas Co., Park Ave., Norwood, Ohio.
Martin Co., The Frank, Marshall Bldg., Cleveland, Ohio.
Merchants Publishing Co., 412 W. Michigan Ave., Kalamazoo, Mich.
MORAN, B. T., INC., 400 N. Michigan Ave., Chicago, Ill.
Murphy Co., The Thos. D., 110 S. 2nd, Red Oak, Ia.
Osborne Co., 759 Summer Ave., Newark, N. J.
RAND McNALLY & CO., 536 S. Clark St., Chicago, Ill.
Simons, Harry C., Curren Arcade, Norristown, Pa.
Strayer Coin Bag Co., 1028 4th Ave., New Brighton, Pa.
Western Lithograph Co., 600 E. 2d, Los Angeles, Cal.
Wenn Paper Co., Middletown, Ohio.

BOND AND COUPON CANCELLING MACHINES

(See Machines, Cancelling, Check)

BONDS, ENGRAVED AND PRINTED

(See Certificates, Stock and Bond)

31 BOOKBINDERS

American Beauty Cover Co., 1900-8 Orange, Dallas, Texas.
Clarke & Courts, 2402 Mechanic, Galveston, Texas.
Courier-Journal Job Printing Co., 316-328 W. Liberty, Louisville, Ky.
Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
Dameron-Pierson Company, Ltd., 400 Camp, New Orleans, La.
Doubleday Bros. & Co., 241 E. Michigan Ave., Kalamazoo, Mich.
Falconer Co., 414 Water, Baltimore, Md.
Hall Co., J. C., 68 W. Exchange, Providence, R. I.
Irwin-Hodson Co., 115 N. 15th, Portland, Ore.
Joyce Filing Co., Edw. J., 56 W. Washington, Chicago, Ill.
Klipto Loose Leaf Co., 15-17 S. Delaware, Mason, Ia.
Le Febure Corporation, Cedar Rapids, Iowa.
Lloyd Co., W. G., 626 S. Clark, Chicago, Ill.
Moore Corp., John C., 65 Stone, Rochester, N. Y.
Schwabacher-Frey Co., 735 Market, San Francisco, Calif.
Smith Co., Oscar T. & Son, 407-11 E. Saratoga, Baltimore, Md.
Smith Ptg. Co., 225-239 E. 3d, Williamsport, Pa.
Young & Selden, Calvert & Saratoga, Baltimore, Md.

BOOKCASES

(See Furniture, Bank and Office)

BOOKKEEPING

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

32 BOOKLETS, ADVERTISING

(See also Advertising, Direct Mail Material)

Bankers Development Corp., 31 Nassau, New York, N. Y.
Bauder-Baker, 225 N. Michigan Ave., Chicago, Ill.
Brown & Bigelow, Quality Park, St. Paul, Minn.
Business Library, 130 W. 42d, New York, N. Y.
Craddick Service, 716 Fourth Ave., S. Minneapolis, Minn.
Dameron Pierson Company, Ltd., 400 Camp, New Orleans, La.
Dow Co., Louis F., 2242 University Ave., St. Paul, Minn.
Forbes Lithograph Mfg. Co., P. O. Box 5130, Boston, Mass.
Hawk Financial Advertising, C. F., 33 Public Square, Cleveland, Ohio.
Joplin Printing Co., Inc., 509-15 Joplin, Joplin, Mo.
Levey Printing Co., State House Square, Indianapolis, Ind.
MORAN, B. T., INC., 400 N. Michigan Ave., Chicago, Ill.
Parlette-Padget Co., 75 E. Wacker Drive, Chicago, Ill.
Reed, P. M., & Banker Associates, 431 N. Michigan Ave., Chicago, Ill.
Simons, Harry C., Curren Arcade, Norristown, Pa.
Staples & Staples, Inc., 10 S. 10th, Richmond, Va.
Temple Co., J. C., 55 E. Main, Columbus, Ohio.

33 BOOKS, BABY

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

34 BOOKS, BANKING AND BUSINESS

Fritz-Cross Chair Co., 300 E. 4th, St. Paul, Minn.
Indexers, The, 310 E. Michigan Blvd., Chicago, Ill.
Moody's Investors Service, 35 Nassau, New York, N. Y.
RAND McNALLY & CO., 536 S. Clark St., Chicago, Ill.
The Ronald Press Co., 15 E. 26th, New York, N. Y.

35 BOOKS, BLANK

American Bank Supply Co., 628 N. Illinois, Indianapolis, Ind.
American Sales Book Co., Ltd., Elmira, N. Y.
Benson & Sons, Inc., Benj. D., 11 Cliff, New York, N. Y.
Dameron-Pierson Company, Ltd., 400 Camp, New Orleans, La.
Flammger & Grahl Blank Book Co., 318 N. Third, St. Louis, Mo.
Le Febure Corp., Cedar Rapids, Iowa.
Lloyd Co., W. G., 626 S. Clark, Chicago, Ill.
Mann Co., Wm., 529 Market, Philadelphia, Pa.
McDonald Ledger & Loose Leaf Co., 1809 Summerdale, Chicago, Ill.
Moore Corp., John C., 65 Stone, Rochester, N. Y.
National Blank Book Co., Riverside, Holyoke, Mass.
Pioneer, Inc., 12th & A., Tacoma, Wash.
Richmond & Backus Co., Woodward at Congress, Detroit, Mich.
Shelby Salesbook Co., High School Ave., Shelby, O.
Smith & Son Co., The Oscar T., 407-11 E. Saratoga, Baltimore, Md.
Southern States Ptg. Co., Inc., The, 120 E. Taylor, Griffin, Ga.
Standard Printing Co., 201-205 N. Third, Hannibal, Mo.
Stuart-Hooper Co., 5431 S. Wabash Ave., Chicago, Ill.
United States Check Book Co., 1309-1315 Howard, Omaha, Neb.
Widman & Sons Co., J. F., McGregor, Iowa.
Young & Selden Co., Calvert & Saratoga, Baltimore, Md.; Philadelphia and Pittsburgh.

36 BOOKS, CASH, TELLERS

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

37 BOOKS, CHECK

Banco-General Printing Co., 836 Montgomery, San Francisco, Calif.
Bankers Supply Co., 5950 S. State, Chicago, Ill.
Curtis 1000 Inc., 1000 University, St. Paul, Minn.
De Luxe Check Printers, Inc., 900 N. Franklin, Chicago, Ill.; 2531 University Ave., St. Paul, Minn.; 129 Lafayette, New York, N. Y.; 810 Baltimore Ave., Kansas City, Mo.; 634 Huron Rd., Cleveland, Ohio.
Dow Co., Louis F., 2242 University Ave., St. Paul, Minn.
Hall Co., J. C., 68 W. Exchange, Providence, R. I.
Herald Printery, Inc., 326-330 East Kentucky, Louisville, Ky.
Kennedy Printing Co., 609-611 Monroe, Fredonia, Kan.
Mann Co., Wm., 529 Market, Philadelphia, Pa.
Northern Bank Note Co., 2340 N. Racine Ave., Chicago, Ill.
Pioneer, Inc., 12th & A., Tacoma, Wash.
Reynolds & Reynolds Co., Washington & Dudley, Dayton, O.
Richmond & Backus Co., Woodward at Congress, Detroit, Mich.
Smith Ptg. Co., 225-239 E. 3d, Williamsport, Pa.
The Todd Company, 1185 University Ave., Rochester, N. Y.
United States Check Book Co., 1309-1315 Howard, Omaha, Neb.
Young & Selden Co., Calvert & Saratoga, Baltimore, Md.

BOOKS, COMBINATION CHECK AND PASS

(See Books, Check)

BOOKS, EXPENSE

(See Stationers, Manufacturing)

38 BOOKS, LOOSE LEAF

Adams Co., S. G., 412-414 N. 6th, St. Louis, Mo.
Curtis 1000 Inc., 1000 University, St. Paul, Minn.
Horder's, Inc., 231 S. Jefferson, Chicago, Ill.
Kennedy Printing Co., 609 Monroe, Fredonia, Kan.
Lefax (Inc.), 9th & Sansom, Philadelphia, Pa.
Le Febure Corp., Cedar Rapids, Iowa.
Mann Co., Wm., 529 Market, Philadelphia, Pa.
Martell Co., A. E., Keene, N. H.
McDonald Ledger & Loose Leaf Co., 1809 Summerdale, Chicago, Ill.
National Blank Book Co., Riverside, Holyoke, Mass.
Pfening & Snyder, Inc., 154 N. Fifth, Columbus, O.
Remington Rand, Inc., Buffalo, N. Y.
Richmond & Backus Co., The, Woodward at Congress, Detroit, Mich.
Tallman, Robbins & Co., 314 W. Superior, Chicago, Ill.

SOUTHERN VENETIAN BLIND CO.

Manufacturers of

SOUTHERN VENETIAN BLINDS

811 N. E. First Avenue

Miami, Florida

Distributors of
Domestic and Imported
Venetian Blind LADDER
TAPE and CORD.

BOOKS, LOOSE LEAF—Continued

Three B. Products, Inc., 17 E. 42d, New York, N. Y.
 Wilson-Jones Co., 3300 Franklin Blvd., Chicago, Ill.
 Wilson Memindex Co., 163 St. Paul, Rochester, N. Y.
 Young & Selden Co., Calvert & Saratoga, Baltimore, Md.

39 BOOKS, MEMO

Follis Advertising Service, W. E., 159 N. State, Chicago, Ill.
 Kemper-Thomas Co., Park Ave., Norwood, O.
 Martin Co. (The Frank), Marshall Bldg., Cleveland, O.
 National Blank Book Co., Riverside, Holyoke, Mass.
 Voss Co., Herman, 1119 N. Water, Milwaukee, Wis.
 Weinman Brothers, 305 W. Adams, Chicago, Ill.
 Wilson Memindex Co., 163 St. Paul, Rochester, N. Y.
 Young & Gardner Co., 655 S. Wells, Chicago, Ill.

BOOKS, PASS
 (See Pass Books)

BOSTON LEDGERS
 (See Ledgers, Boston)

40 BOXES, BOND

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

41 BOXES, COIN

Abbott Coin Counter Co., 143d & Wales Ave., New York, N. Y.
 Currier Manufacturing Co., Northwestern Terminal, Minneapolis, Minn.
 Danbury Square Box Co., Danbury, Conn.
 Davidson Co., Ltd., J. L., 632-648 Mateo St., Los Angeles, Calif.
 Dennison Mfg. Co., 300 Howard, Framingham, Mass.
 Dibb Mfg. Co., Inc., 4054 N. Broadway, Robbinsdale, Minn.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, Ohio.
 Lonson Mfg. Co., 300 E. 4th, St. Paul, Minn.
 Remington Rand, Inc., Buffalo, N. Y.
 Strayer Coin Bag Co., 1028 4th Ave., New Brighton, Pa.
 Stuart-Hooper Co., 5431 S. Wabash Ave., Chicago, Ill.
 Tauck & Co., Arthur C., 20 Clinton St., Newark, N. J.
 Twentieth Century Co., 542 S. Dearborn, Chicago, Ill.

42 BOXES, CURRENCY

General Fireproofing Co., Youngstown, Ohio.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, Ohio.
 Merriam Mfg. Co., Durham, Conn.
 Metal Products Co., 815 East Ave., Red Wing, Minn.
 Smead Mfg. Co., 309 Second, Hastings, Minn.
 Stuart-Hooper Co., 5431 S. Wabash Ave., Chicago, Ill.
 Tauck & Co., Arthur C., 20 Clinton St., Newark, N. J.
 Watson Mfg. Co., Jamestown, N. Y.
 Young & Selden Co., Calvert & Saratoga, Baltimore, Md.; Philadelphia and Pittsburgh.
 Zimmerman Bros & Co., 4020 Michigan Ave., Chicago, Ill.

43 BOXES, DEPOSIT, SAFETY

Bank Vault Inspection Co., 5 S. 18th St., Philadelphia, Pa.
 Cramer Brothers Safe Co., 1417 McGee, Kansas City, Mo.
 Diebold Safe & Lock Co., 818 Mulberry Rd., S. E., Canton, Ohio.
 Gross-Feibel Co., Fair & Elm, Hillsboro, Ohio.
 Herring-Hall-Marvin Safe Co., Grand Boulevard, Hamilton, O.
 Invincible Metal Furniture Co., Manitowoc, Wis.
 Merriam Mfg. Co., Durham, Conn.
 Mosier Safe Co., Hamilton, O.
 National Safe & Lock Co., 2345 E. 69th, Cleveland, O.
 Remington & Sherman Co., 1545 N. Delaware, Philadelphia, Pa.
 Watson Mfg. Co., Jamestown, N. Y.
 York Safe & Lock Co., York, Pa.

44 BOXES, FIBRE BOARD, CORRUGATED

Bankers Box Co., 536 S. Clark, Chicago, Ill.
 Beck Specialty Co., Waterloo, Ia.

Blaine Systems Co., 140 Glenridge Ave., Montclair, N. J.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, Ohio.
 Fred H. Jones & Son, 2340 N. Racine Ave., Chicago, Ill.
 The Kay-Dee Co., 3644 S. 36th, Lincoln, Neb.
 Oxford Filing Supply Co., 340 Morgan Ave., Brooklyn, N. Y.
 Perfection Box Co., 551 West Monroe, Chicago, Ill.
 Steel Bound Box Co., 5039 Cottage Grove Ave., Chicago, Ill.

45 BOXES, FILING

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

46 BOXES, FOLDING

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

47 BOXES, METAL

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

48 BRACKETS, TELEPHONE

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

BRASS SIGNS

(See Signs, Brass and Bronze)

BRASSWORK

(See Bronze, Architectural and Ornamental)

BRIEF CASES

(See Leather Goods)

49 BRONZE, ARCHITECTURAL AND ORNAMENTAL

American Bronze Co., 1316 W. 63d, Chicago, Ill.
AMERICAN IRON & WIRE WORKS, 1621 Carroll Ave., Chicago, Ill.
 Art in Bronze Co., Inc., 1621 E. 41st., Cleveland, Ohio.
 Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Baldwin Brass Works, 321 S. California Ave., Chicago, Ill.
 Bankers Savings & Credit System Co., 10302 Madison Ave., Cleveland, O.
 Bush Co., Inc., James S., 9-15 Park Pl., New York, N. Y.
 Cassidy Co., Inc., 101 Park Ave., New York, N. Y.
 Chicago Architectural Bronze Co., 1948 W. Ohio, Chicago, Ill.

Cincinnati Mfg. Co., Gest & Evans St., Cincinnati, Ohio.
 Flour City Ornamental Iron Co., 27th Ave. & 27th St., Minneapolis, Minn.
 General Bronze Corp., 3744 N. Booth, Milwaukee, Wis.
 Harsch Bronze & Foundry Co., John, 11612 Madison Ave., Cleveland, Ohio.
 Heath Co., John S., 2110 Commonwealth Ave., No. Chicago, Ill.
 Illinois Bronze & Iron Works, 915-23 S. Kildare, Chicago, Ill.
 Imperial Brass Mfg. Co., 1200 Harrison, Chicago, Ill.
 Lupton's Sons Co., David, Allegheny Ave. & Tulip, Philadelphia, Pa.
 Matthews Co., Jas. H., 3942 Forbes, Pittsburgh, Pa.
 Mead Equipment Co., Huntington, W. Va.
 Michaels Art Bronze Co., Inc., 231-239 Court St., Covington, Ky.
 Mount & Robertson, Inc., 62 Broad, New York, N. Y.
 Nachtgall Mfg. Co., 237-45 S. Front, Grand Rapids, Mich.
 Ohmer, A. & R. F., Inc., 113 N. Jefferson St., Dayton, O.
 Oregon Brass Works, 2d & Everett Sts., Portland, Ore.
PRICE BROTHERS, INC., 2644 N. Maplewood Ave., Chicago, Ill. (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.
 Turner Brass Works, Sycamore, Ill.
 Tyler Co., W. S., 3615 Superior Ave., Cleveland, O.
 Usona Mfg. Co., 3512 Chouteau, St. Louis, Mo.
 Watson Mfg. Co., Jamestown, N. Y.
 Western Architectural Iron Co., 3455 Elston Ave., Chicago, Ill.
 Williams, Inc., Jno., 542 W. 27th, New York, N. Y.
 Womack & Sons, Inc., J. P., Lakewood Ave., Atlanta, Ga.
 Zimmerman Bros. & Co., 4020 Michigan Ave., Chicago, Ill.

50 BRONZE PLATES

Acme Stamp Co., 1104 Prospect Ave., Cleveland, Ohio.
 Acme Wire and Iron Works, 12340 Cloverdale, Detroit, Mich.
 American Bronze Co., 1316 W. 63d, Chicago, Ill.
 American Iron & Wire Works, 1621 Carroll Ave., Chicago, Ill.
 Art in Bronze Co., Inc., 1621 E. 41st, Cleveland, O.
 Baldwin Brass Works, 321 S. California Ave., Chicago, Ill.
 Bankers Savings & Credit System Co., 10302 Madison Ave., Cleveland, O.
 Chicago Architectural Bronze Co., 1948 W. Ohio, Chicago, Ill.
 Chicago Thrift Co., 1100 Washington Blvd., Chicago, Ill.
 Dobie & Co., Arthur L., 523 N. Halsted, Chicago, Ill.
 Flour City Ornamental Iron Co., 27th Ave. & 27th St., Minneapolis, Minn.
 General Bronze Corp., 3744 N. Booth, Milwaukee, Wis.
 Matthews Co., Jas. H., 3942 Forbes, Pittsburgh, Pa.
 Philadelphia Enameling Works, 254 N. 13th, Philadelphia, Pa.
PRICE BROTHERS, INC., 2644 N. Maplewood Ave., Chicago, Ill. (See our adv. on this page).
 Safford Stamp Works, 205 W. Madison, Chicago, Ill.
 Southern Brass Mfg. & Plating Co., 6614 Harrisburg, Houston, Tex.
 Turner Brass Works, Sycamore, Ill.
 Twentieth Century Co., 542 S. Dearborn, Chicago, Ill.
 Tyler Co., The W. S., 3615 Superior Ave., Cleveland, O.
 Usona Mfg. Co., 3512 Chouteau, St. Louis, Mo.
 Williams Inc., Jno., 542 W. 27th, New York, N. Y.

BRONZE SIGNS

(See Signs, Brass and Bronze)

BUDGET SYSTEMS, HOME

(See Systems, Budget, Home)

BUILDERS, BANK

(See Architects and Builders)

BUILDING AND LOAN ADVERTISING

(See Advertising, Building and Loan)

BULLET-PROOF GLASS

(See Glass, Bullet-Proof)

PRICE BROTHERS, Inc.

Factory and General Offices

2644 N. Maplewood Ave. - CHICAGO

New York City Sales Office—22 E. 40th St.

Our Designing Department Will Submit Sketches On Request Without Cost or Obligation

MANUFACTURERS OF

Ornamental Bronze Work

Bronze Tablets, Signs and Plaques
 Bronze Grilles and Wickets
 Bronze Entrances and Doors
 Misc. Bronze and White Metal Work
 Electric Directional Signs

Illuminated Interior Signs and Reflectors

Trough Reflectors
 Wicket Reflectors
 Cove Lighting Reflectors
 Lighting Fixtures of special design
 Special Lighting Equipment

Lighting Fixtures

51 BULLETIN BOARDS

Brakmeier Bros., 112 S. 4th Ave., Louisville, Ky.
 Clark Mfg. Co., R. W., 4311 Ravenswood Ave., Chicago, Ill.
 Davenport-Taylor Corp., 412 Orleans, Chicago, Ill.
 General Outdoor Advertising Co., Inc., 1 Park Ave., New York, N. Y.
 Matthews & Co., Jas. H., 3942 Forbes, Pittsburgh, Pa.
 Meeker Co., Inc., 3d & Michigan, Joplin, Mo.
 National Adv. Service, Inc., P. O. Box 75, La Grange, Ind.
 Philadelphia Enameling Works, 254 N. 13th, Philadelphia, Pa.
 Price, Henry F., 15 E. 40th, New York, N. Y.
 Rawson & Evans Co., 710-712 Washington Blvd., Chicago, Ill.
 Remington Rand, Inc., Buffalo, N. Y.
 Sunset System, 2323 Broadway, San Antonio, Tex.
 Tablet & Ticket Co., 1021 W. Adams, Chicago, Ill.
 Twentieth Century Co., 542 S. Dearborn, Chicago, Ill.

52 BURGLAR ALARMS

American District Telegraph Co., 155 6th Ave., New York, N. Y.
 Burglary Protection Co., 738 Ceres Ave., Los Angeles, Cal.
 Butte Electric & Mfg. Co., 956 Folsom, San Francisco, Calif.
 Danne, Harold A., 41 Park Row, New York, N. Y.
 Diebold Safe & Lock Co., 818 Mulberry Rd., S.E., Canton, Ohio.
 Duplex Electric Co., 71-73 Grand, New York, N. Y.
 Federal Electric Co., 8700 S. State, Chicago, Ill.
FEDERAL LABORATORIES, INC., 185 41st Street, Pittsburgh, Pa.
 Holmes Electric Protective Co., 370 Seventh, New York, N. Y.
 McClintock Co., O. B., 139 Lyndale Ave., N., Minneapolis, Minn.
 Norris Safe & Lock Co., 114 Third Ave., Seattle, Wash.
 Patrick & Wilkins Co., 51 N. 7th, Philadelphia, Pa.

53 BURGLAR ALARMS (GAS)

Diebold Safe & Lock Co., 818 Mulberry Rd., S.E., Canton, Ohio.
 Federal Laboratories, Inc., 185 41st Street, Pittsburgh, Pa.
 Hi-Way Alarm Co., Cedarburg, Wis.
 Taylor-Palmer Co., 49 E. Wells, Milwaukee, Wis.

54 BURGLAR ALARM INSPECTION

Diebold Safe & Lock Co., 818 Mulberry Rd., S.E., Canton, Ohio.
 Underwriters' Laboratories, Inc., 207 E. Ohio, Chicago, Ill.

BURGLAR-PROOF SAFES

(See Safes, Fire & Burglar-Proof)

BURGLARY INSURANCE

(See Insurance, Burglary)

55 BUTTONS, ADVERTISING

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

C**56 CABINETS, COIN WRAPPER**

Abbott Coin Counter Co., 143d & Wales Ave., New York, N. Y.
 Downey Co., C. L., 943-947 Clark, Cincinnati, O.
 Standard-Johnson Co., Inc., 371 Pacific, Brooklyn, N. Y.

57 CABINETS, FILING

All-Steel-Equip Company, Aurora, Ill.
 Art Metal Construction Co. Jones & Gifford Ave., Jamestown, N. Y.
 Automatic File & Index Co., 427 W. Randolph, Chicago, Ill.

Edwards Co., Inc., O. M., 50 Church St., New York, N. Y.

General Fireproofing Co., Youngstown, O.
 Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Invincible Metal Furniture Co., Manitowoc, Wis.
 Jamestown Metal Equipment Co., Inc., 1088 Allen St., Jamestown, N. Y.
 Lefax (Inc.), 9th & Sansom, Philadelphia, Pa.
 Le Febure Corp., Cedar Rapids, Iowa.
 Macey Co., The, 1520 Division Ave., S., Grand Rapids, Mich.
 Marshall Jackson Co., 26 S. Clark, Chicago, Ill.
 Metal Office Furniture Co., Grand Rapids, Mich.
 Presteel Engineering Corporation, 52 Vanderbilt Ave., New York, N. Y.
 Remington Rand, Inc., Buffalo, N. Y.
 Schwabacher-Frey Co., 735 Market, San Francisco, Calif.

Shaw-Walker Co., Muskegon, Mich.
 Steel Equipment Corp., Avenel, N. J.
 Terrell's Equipment Co., Grand Rapids, Mich.
 Wagemaker Co., 566 Market, S. W., Grand Rapids, Mich.

Watson Mfg. Co., Jamestown, N. Y.
 Weis Mfg. Co. Union, Monroe, Mich.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

58 CABINETS, LEDGER POSTING MACHINE

Automatic File & Index Co., 427 W. Randolph, Chicago, Ill.
 Currier Manufacturing Co., Inc., North Western Terminal, Minneapolis, Minn.
 Edwards Co., Inc., O. M., 50 Church St., New York, N. Y.
 Le Febure Corporation, Cedar Rapids, Ia.
 McDonald Ledger & Loose Leaf Co., 1809 Sumnerdale, Chicago, Ill.
 Remington Rand, Inc., Buffalo, N. Y.
 Watson Mfg. Co., Jamestown, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

CABINETS, MAP

(See Cabinets, Steel)

59 CABINETS, STEEL

Albatross Steel Equipment Co., P. O. Drawer A., Sawtelle, Cal.
 Angle Steel Stool Co., Inc., 2 Oak, Plainwell, Mich.
 Art Metal Products Co., 514 S. Green St., Chicago, Ill.
 Canton Art Metal Co., 2820 Winfield Way, N. E., Canton, O.
 Dameron-Pierson Company, 400 Camp, New Orleans, La.
 Durabilt Steel Locker Co., Aurora, Ill.
 Edwards Co., Inc., O. M., 50 Church St., New York, N. Y.
 General Fireproofing Co., Youngstown, Ohio.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Imperial Steel Cabinet Co., 2144 Fulton, Chicago, Ill.
 Invincible Metal Furniture Co., Manitowoc, Wis.
 Le Febure Corporation, Cedar Rapids, Ia.
 Lyon Metal Products, Inc., Aurora, Ill.
 Macey Co., The, 1520 Division Ave., S., Grand Rapids, Mich.
 Manufacturing Equipment & Engineering Co., Framingham, Mass.
 Medart Mfg. Co., Fred, 3535 De Kalb, St. Louis, Mo.
 Mount & Robertson, 62 Broad, New York, N. Y.
 Presteel Engineering Corporation, 52 Vanderbilt Ave., New York, N. Y.
 Remington Rand, Inc., Buffalo, N. Y.
 The Shaw-Walker Co., Muskegon, Mich.
 Terrell's Equipment Co., Grand Rapids, Mich.
 Watson Mfg. Co., Jamestown, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

60 CABINETS, STORAGE

Automatic File & Index Co., 427 W. Randolph, Chicago, Ill.
 The A. Claus Mfg. Co., 5250 Brookpark Rd., Cleveland, O.

Dameron-Pierson Company Ltd., 300 Camp, New Orleans, La.
 Durabilt Steel Locker Co., Aurora, Ill.
 General Fireproofing Co., Youngstown, O.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.

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

61 CABINETS, TRAY

Automatic File & Index Co., 427 W. Randolph, Chicago, Ill.
 Currier Manufacturing Co., Inc., North Western Terminal, Minneapolis, Ind.
 Elliott Addressing Machine Co., 143 Albany, Cambridge, Mass.
 Le Febure Corporation, Cedar Rapids, Iowa.
 Presteel Engineering Corporation, 52 Vanderbilt Ave., New York, N. Y.
 Remington Rand, Inc., Buffalo, N. Y.
 Wagemaker Co., 566 S. Market, Grand Rapids, Mich.
 Watson Mfg. Co., Jamestown, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

62 CABINETS, TYPEWRITER

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

CABINETWORK

(See Woodwork)

CAGES, BANK

(See Grille Work)

CALCULATING MACHINES

(See Machines, Calculating)

63 CALCULATORS, TIME & INTEREST

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

CALENDAR DESK PADS

(See Pads, Desk, Calendar)

64 CALENDARS

The Adams-Lessack Co., 1507 Arch St., Philadelphia, Pa.
 Advertising Specialty Co., 508 Ryan Bldg., St. Paul, Minn.
 American Art Works, Inc., Coshocton, O.
 American Calendar Co., Greeneville, Tenn.
 American Embossing Co., 196 Seneca, Buffalo, N. Y.
 Banco-General Printing Co., 836 Montgomery St., San Francisco, Calif.
 Baumgarth Co., The, 3300 W. Sample, South Bend, Ind.
 Brace & Co., H. G., 400 Seventh North, Seattle, Wash.
 Broderick Co., 460 Robert, St. Paul, Minn.
 Brown & Bigelow, Quality Park, St. Paul, Minn.
 Carriers & Co., 128 N. Wells, Chicago, Ill.
CLARK PRINTING & MANUFACTURING CO., 417 N. Vesper, Lock Haven, Pa. (See our adv. on this page.)

SPECIAL

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 HISTORICAL
 FEATURE CALENDAR**

14x18 in. Added Features Guarantee
 Full Twelve Months Advertising

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 complete samples and
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Lock Haven, Pa.

CALENDARS—Continued

Colson Co., U. O., Paris, Ill.
 Columbian Art Works, Inc., 1036 W. Juneau, Milwaukee, Wis.
 Coshooton Specialty Co., Coshooton, O.
 Courier Journal Job Printing Co., 316-328 W. Liberty, Louisville, Ky.
 Defiance Sales Corporation, 72-78 Spring, New York, N. Y.
 Dow Co., Louis F., 2242 University Ave., St. Paul, Minn.
 Economy Adv. Co., Linn & Market, Iowa City, Ia.
 Erickson Co., Inc., C. E., 506 W. Third, Des Moines, Ia.
 Fogarty Mfg. Co., 800 Monument Ave., Dayton, O.
 Follis Adv. Service, W. E., 159 N. State, Chicago, Ill.
 Forbes-Lithograph Mfg. Co., P. O. Box 5130, Boston, Mass.
 Garber Co., A. L., Orange St., Ashland, Ohio.
 Gerlach-Barklow Co., Joliet, Ill.
 Grand Rapids Calendar Co., 906-912 S. Division, Grand Rapids, Mich.
 Joliet Calendar Co., 401 Gardner, Joliet, Ill.
 Kemper-Thomas Co., Park Ave., Norwood, O.
 Kohl & Co., Inc., P. J., 224-230 W. Huron, Chicago, Ill.
 Mayer Mfg. Corp., 1436 W. Randolph, Chicago, Ill.
 Meeker Co., Inc., 3d & Michigan, Joplin, Mo.
 Merchants Publishing Co., 412 W. Michigan Ave., Kalamazoo, Mich.
 Messenger Corp., 5932 Wentworth Ave., Chicago, Ill.
 Metropolitan Calendar Press, 120 N. Jefferson, Chicago, Ill.
 Murphy Co., The Thos. D., 110 S. 2d, Red Oak, Ia.
 National Art Works, Inc., 710 Greer Ave., Covington, Ky.
 Novelty Advertising Co., Coshooton, O.
 Osborne Co., 759 Summer Ave., Newark, N. J.
 Red Wing Advertising Co., 202 Main, Red Wing, Minn.
 Shedd Brown Mfg. Co., 319 Fifth Ave. So., Minneapolis, Minn.
 Stanwood-Hillson Corp., 14 High, Brookline, Mass.
 Stuart-Hooper Co., 5431 S. Wabash Ave., Chicago, Ill.
 Sullivan Ptg. Works Co., 1067 Gilbert Ave., Cincinnati, O.
 Swinney Ptg. Co., Fort Branch, Ind.
 Terre Haute Adv. Co., 1317 Poplar, Terre Haute, Ind.
 Texas Novelty Advertising Co., 117-119 S. Waco, Hillsboro, Texas.
 Thrift Service Co., 2128 Richland Ave., Cleveland, Ohio.
 Twentieth Century Co., 542 S. Dearborn, Chicago, Ill.
 Wilson-Hurd Co., Wausau, Wis.
 Woodbury & Co., Inc., Chadwick Square, Worcester, Mass.

65 CALENDARS, DAILY DATE

(See also Calendars)

Joliet Calendar Co., 401 Gardner, Joliet, Ill.
 Messenger Corp., 5932 Wentworth Ave., Chicago, Ill.
 Metropolitan Calendar Press, 120 N. Jefferson, Chicago, Ill.
 Murphy Co., Thos. D., 110 S. 2d, Red Oak, Ia.
 National Art Works, Inc., 710 Greer Ave., Covington, Ky.
 Sullivan Printing Works, 1067 Gilbert Ave., Cincinnati, O.

66 CALENDARS, DESK

Ace Mfg. Co., 280 Plane, Newark, N. J.
 Bar-Trex Mfg. Co., Martin Bldg., Birmingham, Ala.
 Brown & Bigelow, Quality Park, St. Paul, Minn.
 Columbian Art Works, Inc., 1036 W. Juneau, Milwaukee, Wis.
 Davenport-Taylor Corp., 412 Orleans, Chicago, Ill.
 Follis Advertising Service, W. E., 159 N. State, Chicago, Ill.
 Lawrence & Co., Inc., B. E., 351 E. Ohio, Chicago, Ill.
 Mergott Co., J. E., 316 Jelliff Ave., Newark, N. J.
 Messenger Corp., 5932 Wentworth Ave., Chicago, Ill.
 Metropolitan Calendar Press, 120 N. Jefferson, Chicago, Ill.
 National Art Works, Inc., 710 Greer Ave., Covington, Ky.
 Parisian Novelty Co., 3510 S. Western Ave., Chicago, Ill.
 Twentieth Century Co., 542 S. Dearborn, Chicago, Ill.
 Typo Trading Co., The., 65 Duane, New York, N. Y.
 Voss Co., Herman, 1119 N. Water, Milwaukee, Wis.

67 CALENDARS, MATURITY

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

68 CAMERAS

Agfa Anseo Corporation, 29 Charles, Binghamton, N. Y.
 Bell & Howell Co., 1801 Larchmont Ave., Chicago, Ill.
 Identiscope Co. of America, 2183 E. 18th St., Cleveland, Ohio.
 Schwabacher-Frey Co., 735 Market, San Francisco, Calif.

CANCELLING MACHINES

(See Machines, Cancelling Check)

69 CAPS, ADVERTISING

(See also Specialties, Advertising)

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

CARD LEDGERS

(See Ledgers, Card)

CARD RECORDS, VISIBLE

(See Visible Records)

70 CARDS, GREETING

American Embossing Co., 196 Seneca, Buffalo, N. Y.
 Banco-General Printing Co., 836 Montgomery, San Francisco, Calif.
 Baumgarth Co., The, 3300 W. Sample, South Bend, Ind.
 Brown & Bigelow, Quality Park, St. Paul, Minn.
 Follis Advertising Service, W. E., 159 N. State, Chicago, Ill.
 Forbes Lithograph Mfg. Co., P. O. Box 5130, Boston, Mass.
 Gerlach-Barklow Co., Joliet, Ill.
 Kemper-Thomas Co., Park Ave., Norwood, O.
 Kohl & Co., Inc., P. J., 224-230 W. Huron, Chicago, Ill.
 Martin Co., The Frank, Marshall Bldg., Cleveland, O.
 McBe Binder Co., Smith, Athens, O.
 Murphy Co., Thos. D., 110 S. 2d, Red Oak, Ia.
 National Art Works, Inc., 710 Greer Ave., Covington, Ky.
 Novelty Advertising Co., Coshooton, O.
 Osborne Co., 759 Summer Ave., Newark, N. J.
 Shaw Advertising Co., 520 Produce Exch. Bldg., Kansas City, Mo.
 Stafford-Lowdon Co., 610 W. Daget, Ft. Worth, Tex.
 Standard Christmas Club Co., 435 N. Michigan Ave., Chicago, Ill.
 Volland Co., P. F., Joliet, Ill.
 Woodbury & Co., Inc., Chadwick Sq., Worcester, Mass.
 Young & Seiden Co., Calvert & Saratoga, Baltimore, Md.; Philadelphia and Pittsburgh.

CARDS, STREET CAR

(See Advertising, Street Car)

71 CASES, CATALOGUE

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

72 CASES, NOTE, STEEL

All-Steel-Equip. Company, Aurora, Ill.
 Art Steel Co., Inc., 401 W. 23d, New York, N. Y.
 Cole Steel Equipment Co., 33 Crescent, Long Island City, N. Y.
 General Fireproofing Co., Youngstown, Ohio.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Kohlhaas Co., 204 N. Dearborn, Chicago, Ill.
 Metal Office Furniture Co., Grand Rapids, Mich.
 Remington Rand, Inc., Buffalo, N. Y.
 Victor Safe & Equipment Co., Marietta, O.
 Watson Mfg. Co., Jamestown, N. Y.

CASH BOOKS, TELLERS

(See Books, Cash, Tellers')

CASHIERS, AUTOMATIC

(See Coin Changers)

CELLULOID NOVELTIES

(See Novelties, Celluloid)

CENTRAL FILES

(See Files, Central)

CERTIFICATE OF DEPOSIT FORMS

(See Forms, Bank)

73 CERTIFICATES, STOCK & BOND

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

Mercantile Printing Co., 107 N. Wacker Drive, Chicago, Ill.
 Northern Bank Note Co., 2340 N. Racine Ave., Chicago, Ill.
 Reserve Litho. & Ptg. Co., Caxton Bldg., Cleveland, O.
 Standard Bank Note Co., 351 E. Ohio, Chicago, Ill.
ST. LOUIS LITHOGRAPHING CO., 312 N. 3d St., St. Louis, Mo.
 Swinney Ptg. Co., Fort Branch, Ind.
 Young & Seiden Co., Calvert & Saratoga, Baltimore, Md.

74 CERTIFIERS, CHECK

Ajax Time Stamp Co., 354 Broadway, New York, N. Y.
 Force & Co., Inc., Wm. A., 105 Worth St., New York, N. Y.
 Hedman Manufacturing Co., 1158 Center, Chicago, Ill.
 Joslin Mfg. Co., 123 Arthur, Manistee, Mich.
 Safe-Guard Corporation, Walnut St., Lansdale, Pa.

CHAIR PADS

(See Supplies, Bank & Office)

75 CHAIRS

(See also Furniture, Bank and Office)

Allen-Marshall Co., Ivan, 40 Marietta, Atlanta, Ga.
 The Claus Mfg. Co., A., 5250 Brookpark Rd., Cleveland, O.
 Colonial Chair Co., 1730-58 N. Maplewood Ave., Chicago, Ill.
 Do/More Chair Co., Elkhart, Ind.
 Fritz-Cross Chair Co., 300 E. 4th, St. Paul, Minn.
 Harter Corp., Sturgis, Mich.
 Johnson Chair Co., 4401 W. North Ave., Chicago, Ill.
 Karpen & Bros., S., 801 Wabash Ave., Chicago, Ill.
 Lexington Desk Co., Inc., 158 E. 42nd, New York, N. Y.
 Lyon Metal Products, Inc., Aurora, Ill.
 Macey Company, The, 1520 Division Ave. S., Grand Rapids, Mich.
 Manufacturing Equipment & Engineering Co., Framingham, Mass.
 Marble & Shattuck Chair Co., Cleveland, O.
 Milwaukee Chair Co., 666 Lake Shore Dr., Chicago, Ill.
 Pembroke Co., 24 E. Broadway, Salt Lake City, Utah.
 Remington Rand, Inc., Buffalo, N. Y.
 Sikes Co., 23d & Ritner, Philadelphia, Pa.
 Standard Pressed Steel Co., Jenkintown, Pa.
 Sikes Co., 23d & Passayunk Ave., Philadelphia, Pa.
 Sturgis Posture Chair Co., Sturgis, Mich.
 Taylor Chair Co., The, Bedford, O.
 Williams, Inc., Jno., 542 W. 27th, New York, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

76 CHAIRS, POSTURE

Adams, Groesbeck, Mirabella Co. ('Adco Health Chair'), 70 Gold, New York, N. Y.
 Do/More Chair Co., Elkhart, Ind.
 Fritz-Cross Chair Co., 300 E. 4th, St. Paul, Minn.
 General Fireproofing Co., Youngstown, Ohio.
 Gunlocke Chair Co., W. H., Wayland, N. Y.
 Johnson Chair Co., 4401 W. North Ave., Chicago, Ill.
 Ko-Reet Posture Chair Co., High Point, N. C.
 Remington Rand, Inc., Buffalo, N. Y.
 Sikes Co., 23rd & Ritner, Philadelphia, Pa.
 Standard Pressed Steel Co., Jenkintown, Pa.
 Sturgis Posture Chair Co., Sturgis, Mich.
 Toledo Metal Furniture Co., 1100 Hastings, Toledo, Ohio.

CHANGEABLE SIGNS

(See Signs, Changeable)

CHANGE MAKERS

(See Coin Changers)

77 CHARTING EQUIPMENT & SERVICE

Business Charting Institute, Oak Park, Ill.
 (Chart Craft Forms).
 Multiplex Display Fixture Co., 918 N. 10th, St. Louis, Mo.

CHECK BOOK COVERS

(See Covers, Check Book)

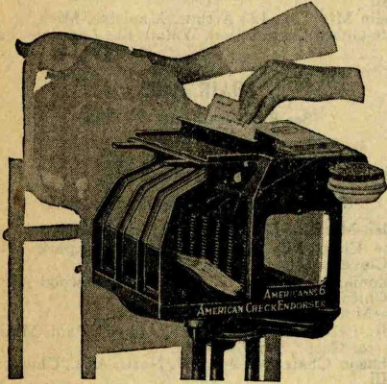
CHECK BOOKS

(See Books, Check)

78 CHECK DISPENSERS

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

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check endorser.**



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perforator.**



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“Self-repairing” Perforator

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THE AMERICAN PERFORATOR CO.

Incorporated 1910

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

79 CHECK ENDORSERS

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

CHECK IMPRINTING

(See Checks)

80 CHECK LISTS, STOP-PAYMENT

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

81 CHECK PHOTOGRAPHING MACHINE

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

CHECK PROTECTORS

(See Protectors, Check)

82 CHECK RECORDERS

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

83 CHECK SIGNER

American Perforator Co., 612 W. Jackson Blvd., Chicago, Ill.
Cummins Perforator Co., 4740 Ravenswood, Chicago, Ill.
Defiance Mfg. Co., 536 Mitchell, Orange, N. J.
Hedman Mfg. Co., 1158 Center, Chicago, Ill.
International Postal Supply Co., 634 Prospect Pl., Brooklyn, N. Y.
Safe Guard Corp., Walnut St., Lansdale, Pa.

84 CHECK SORTERS

Downey Co., C. L., 943-947 Clark, Cincinnati, O.
Kohlhaas Co., The, 204 N. Dearborn, Chicago, Ill.
Metal Products Co., 815 East Ave., Red Wing, Minn.
Sorter Graf Co., 4044 W. Jefferson, Detroit, Mich.

CHECKWRITER

(See Protectors, Check)

85 CHECKS

American Bank Note Co., 118 E. Cullerton, Chicago, Ill.
American Bank Stationery Co., Curtain, Aiken & Hargest and Asquith, Baltimore, Md.
American Bindery Corp., 1310 Maple, Detroit, Mich.
Arkansas Printing & Lithographing Co., 1000 Center, Little Rock, Ark.
Banco-General Printing Co., 836 Montgomery, San Francisco, Calif.
Boorum & Pease Co., 84 Hudson Ave., Brooklyn, N. Y.
Broderick Co., 460 Robert, St. Paul, Minn.
Brown, Lent & Pett, Inc., 110 William, New York, N. Y.
Capitol Bank Note Co., 429 S. Ashland Ave., Chicago, Ill.
Columbian Bank Note Co., 500 S. Ashland Blvd., Chicago, Ill.
Columbus Bank Note Co., 40 E. Spring, Columbus, O.
Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
Dameron-Pierson Company, Ltd., 400 Camp, New Orleans, La.
De Luxe Check Printers, Inc., 900 N. Franklin, Chicago, Ill.; 2531 University Ave., St. Paul, Minn.; 129 Lafayette, New York, N. Y.; 810 Baltimore Ave., Kansas City, Mo.; 634 Huron Rd., Cleveland Ohio.
Dodsworth Stationery Co., Sam'l, 412-414 W. 10th, Kansas City, Mo.
Ekonomik Bank Check Co., 2712 S. Wabash Ave., Chicago, Ill.
Forbes Litho. Mfg. Co., P. O. Box 5130, Boston, Mass.
Ft. Wayne Ptg. Co., 115 E. Brackenridge, Ft. Wayne, Ind.
Gast Bank Note Co., 4189 Chippewa, St. Louis, Mo.

HALL CO., J. C., 68 W. Exchange, Providence, R. I.
Hutson & Co., C. S., 555-561 S. San Pedro, Los Angeles, Calif.
Ialer-Tompsett Litho. Co., 2940 Benton, St. Louis, Mo.
Kansas Bank Note Co., Fredonia, Kan.
Kennedy Printing Co., 609-611 Monroe, Fredonia, Kan.
Lefax (Inc.), 9th & Samson, Philadelphia, Pa.
Long Island Printing & Lithographing Co., Inc., 137 Jackson, Hempstead, N. Y.
Mann Co., Wm., 529 Market, Philadelphia, Pa.
Monasoh Co., 500 Fifth, S., Minneapolis, Minn.
Northern Bank Note Co., 2340 N. Racine Ave., Chicago, Ill.
Pettibone & Co., P. F., 27 N. Desplaines, Chicago, Ill.
Protectu Bank Note Corp., 4048-4058 Schubert Ave., Chicago, Ill.
Razell Mfg. Co., H. G., 710 S. 12th, Milwaukee, Wis.
Reserve Litho. & Ptg. Co., Caxton Bldg., Cleveland, O.
Reynolds & Reynolds Co., Washington & Dudley, Dayton, O.
Richmond & Backus Co., Woodward at Congress, Detroit, Mich.
Schwabacher-Frey Co., 735 Market, San Francisco, Calif.
Smith-Brooks Printing Co., 1733 California, Denver, Colo.
Smith Ptg. Co., 225-239 E. 3d, Williamsport, Pa.
Stafford-Lowdon Co., 610 W. Daget, Ft. Worth, Tex.
Standard Bank Note Co., 351 E. Ohio, Chicago, Ill.
Stephens Litho. & Engr. Co., 420 N. 2d, St. Louis, Mo.
Stuart-Hooper Co., 5431 S. Wabash Ave., Chicago, Ill.
Sunset Press, 1045 Sansome, San Francisco, Cal.
Swinney Printing Co., Fort Branch, Ind.
Todd Co., 1185 University Ave., Rochester, N. Y.
United States Check Book Co., 1309-15 Howard, Omaha, Neb.
Van Clief Lithographing Co., 2708-12 Wabash Ave., Chicago, Ill.
Young & Selden Co., Calvert & Saratoga, Baltimore, Md., Philadelphia and Pittsburgh.

86 CHECKS, METAL

Atlanta Rubber Stamp & Stencil Wks., 76 Forsyth St., N. W., Atlanta.
Bankers Savings & Credit System Co., 10302 Madison Ave., Cleveland, O.
Brakmeier Bros., 112 S. 4th Ave., Louisville, Ky.
Childs & Co., S. D., 136 S. Clark, Chicago, Ill.
Earl Service for Banks, Boston (Melrose) Mass.
Hanson Co., C. H., 303 W. Erie, Chicago, Ill.
Sachs-Lawlor Co., 1543 Larimer, Denver, Colo.
Safford Stamp Works, 205 W. Madison, Chicago, Ill.
Swisher Mfg. Co., R. D., 411 S. Clinton, Chicago, Ill.

87 CHEQUES, TRAVELERS'

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

88 CHESTS, STEEL

Bank Vault Inspection Co., 5 So. Eighteenth, Philadelphia, Pa.
Diebold Safe & Lock Co., 818 Mulberry Rd., S.E., Canton, Ohio.
General Bronze Corp., 3744 N. Booth, Milwaukee, Wis.
General Fireproofing Co., Youngstown, O.
Gross-Feibel Co., Fair & Elm, Hillsboro, Ohio.
Herring-Hall-Marvin Safe Co., Grand Boulevard, Hamilton, O.
Invincible Metal Furniture Co., Manitowoc, Wis.
Meilink Steel Safe Co., 1672 Oakwood Ave., Toledo, Ohio.
Mosler Safe Co., Hamilton, O.
National Safe & Lock Co., 2345 E. 69th, Cleveland, O.
Snyder-Gervitz Co., Englewood, N. J.
Watson Mfg. Co., Jamestown, N. Y.
Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

CHILDREN'S SAVINGS

(See School Savings)

89 CHRISTMAS MONEY CONTAINERS

American Embossing Co., 196 Seneca, Buffalo, N. Y.
Handford Brown Co., Fifth St., Coytesville, N. J.
Hockswender Co., B. H., 711 Penn Ave., Pittsburgh, Pa.
Woodbury & Co., Inc., Chadwick Sq., Worcester, Mass.

90 CHRISTMAS SAVINGS

Banco-General Printing Co., 836 Montgomery, San Francisco, Calif.
 Bankers Service Corp., 19 Warren, New York, N.Y.
THE BANKETTE COMPANY, INC., 88 Broad St., Boston, Mass.
 Banthrico Inc., 2944 W. Lake, Chicago, Ill.
 Call's Bankers Service Corporation, 321-327 Pearl, Scranton, Pa.
 Christmas Club, A division of National Bancservice Corp., 45 W. 45th, New York, N. Y.
 Delano Service, Allegan, Mich.
 Hockswender Co., B. H., 711 Penn Ave., Pittsburgh, Pa.
 Independent Christmas Service Co., 27-29-31 N. Desplaines, Chicago, Ill.
 Martin Co. (The Frank), Marshall Bldg., Cleveland, O.
 National Bancservice Corp., 461 8th Ave., New York, N. Y.
 National Thrift Assn., Telegraph Press Bldg., Harrisburg, Pa.
 Schmidt Lithograph Co., 461 Second, San Francisco, Calif.
 Security Savings Systems, Inc., 195 Madison, Memphis, Tenn.
 Skinner & Kennedy, St. Louis, Mo.
 Smith Printing Co., 225-239 E. 3d, Williamsport, Pa.
 Standard Christmas Club, 435 N. Michigan Ave., Chicago, Ill.
 Staples & Staples, Inc., 10 S. 10th, Richmond, Va.
 Thrift Press, The, 225 S. Church, Rockford, Ill.
 Thrift Service Co., 2128 Richland Ave., Cleveland, Ohio.
 Von Senden Co., Inc., Arthur, 316 Fourth Ave., Pittsburgh, Pa.

91 CLEANERS, POLISHED STEEL

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

92 CLOCK SYSTEMS

Cincinnati Time Recorder Co., 1733 Central Ave., Cincinnati, Ohio.
 Duplex Electric Co., 71-73 Grand, New York, N. Y.
 Howard Clock Co., E., 206 Eustis, Boston, Mass.
 McClintock Co., O. B., 139 Lyndale Ave., N., Minneapolis, Minn.
 Stromberg Electric Co., 223 W. Erie, Chicago, Ill.

93 CLOCKS, COIN

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

94 CLOCKS, POST & BRACKET

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

95 CLOCKS, TIME

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

96 CLOCKS, WATCHMEN'S

American District Telegraph Co., 155 6th Ave., New York, N. Y.
 Kastens Co., Henry, 417 W. 27th, New York, N.Y.

97 CLOTH, GUMMED

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

98 CLUBS, CHRISTMAS SAVINGS

(See also Christmas Savings)

Christmas Club, A division of National Bancservice Corp., 45 W. 45th, New York City.
 Hockswender Co., B. H., 711 Penn, Pittsburgh, Pa.
 Independent Christmas Service Co., 27-29-31 N. Des Plaines, Chicago, Ill.
 National Bancservice Corp., 461 8th Ave., New York, N. Y.

COIN BAGS

(See Bags, Coin)

COIN BOXES

(See Boxes Coin)

99 COIN CHANGERS

Brandt Automatic Cashier Co., 515 First St., Watertown, Wis.
 Childs & Co., S. D., 136 S. Clark, Chicago, Ill.
 Hedman Mfg. Co., 1158 Center, Chicago, Ill.
 Hoefer Change-Maker Co., 3700 E. 12th, Kansas City, Mo.
 Universal Stamping & Mfg. Co., Coinometer, 2839 N. Western Ave., Chicago, Ill.

100 COIN COUNTING MACHINES

Abbot Coin Counter Co., 143d and Wales Ave., New York, N. Y.
 Brandt Automatic Cashier Co., 515 First St., Watertown, Wis.
 C. L. Downey Co., 943-947 Clark St., Cincinnati, Ohio.
 Klopp Engineering, 17185 Ryan Rd., Detroit, Mich.
 National Cash Register Co., Dayton, Ohio.
 Pneumatic Scale Corp., Ltd., Newport Ave., North Quincy, Mass.
 Sattley Co., 657 Mt. Elliott Ave., Detroit, Mich.
 Schwartz Sortograph Co., Elkhart Lake, Wis.
STANDARD-JOHNSON CO., INC., 371 Pacific, Brooklyn, N. Y. (See our adv. on this page).

101 COIN FOLDERS

Earl Service for Banks, Boston (Melrose), Mass.
 Handford, Brown Co., Fifth St., Coytesville, N. J.
 Hockswender Co., B. H., 711 Penn Ave., Pittsburgh, Pa.
 Lindley Box & Paper Co., Marion, Ind.
 National Art Works, Inc., 710 Greer Ave., Covington, Ky.
 Noble & Co., F. H., 557 W. 59th, Chicago, Ill.
 Smith-Brooks Ptg. Co., 1733-47 California, Denver, Colo.
 Spies Mfg. Co., John N., 146 Main Ave., Watertown, N. Y.
 Von Senden Co., Inc., Arthur, 316 Fourth Ave., Pittsburgh, Pa.

COIN TRAYS

(See Trays, Coin)

COIN WRAPPER CABINETS

(See Cabinets, Coin Wrapper)

COLLECTION SYSTEMS

(See Systems, Collection)

COMBINATION CHECK & PASS BOOK

(See Books, Check)

102 COMMERCIAL ATLASES

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

COMPTOMETERS

(See Machines, Adding)

COMPUTERS, TIME

(See Calculators, Time and Interest)

CONTESTS, NEW BUSINESS

(See Advertising Service Bank)

COPYING MACHINES

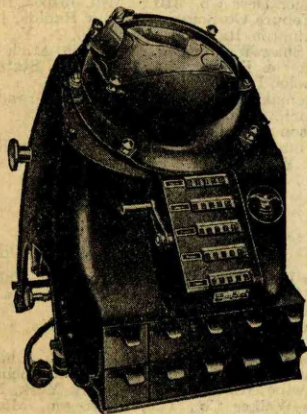
(See Duplicators)

103 COST ACCOUNTING

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

104 COVERS, CHECK BOOK

Aetna Stationers, Inc., 622 E. 67th, Chicago, Ill.
 American Bank Check Cover Co., 718 N. 15th, St. Louis, Mo.
 American Beauty Cover Co., 1900 Orange, Dallas, Tex.
 Beach Leather Co., 1301 E. Walnut, Coshocton, O.
 Buckeye Leather Co., 947 Chestnut, Coshocton, O.
 Buth & Co., Inc., W. F., 1005 University Ave., St. Paul, Minn.
 Continental Bank-Supply Co., P. O. Box 266, Mexico, Mo.
 Coshocton Specialty Co., Coshocton, O.
 Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 Economy Adv. Co., Linn & Market, Iowa City, Ia.
 The Exline Co., 113 St. Clair Ave., N. E., Cleveland, Ohio.
 Feldeo Loose Leaf Corp., 357 N. La Salle, Chicago, Ill.
 Ferree Co., E. H., 61 Richmond Ave., Lockport, N. Y.
 Ft. Wayne Printing Co., 115 E. Brackenridge, Ft. Wayne, Ind.
 Gast Bank Note Co., 4189 Chippewa, St. Louis, Mo.
 Kemper Thomas Co., Park Ave., Norwood, Ohio.
 Kennedy Printing Co., 609-611 Monroe, Fredonia, Kan.
 Leather Products Co., 201 South, Iola, Kan.
 L'Enfant-Oley-Martin Mfg. Corp., 99-101 Fifth Ave., New York, N. Y.
 Martin Co., The Frank, Marshall Bldg., Cleveland, Ohio.
 Meeker Co., Inc., 3d & Michigan, Joplin, Mo.
 National Bank Supply Co., Inc., 60 Spring, New York, N. Y.
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 Richmond & Backus Co., Woodward at Congress, Detroit, Mich.
 Seelman & Sons Co., Geo., 337 Seventh, Milwaukee, Wis.
 Shedd-Brown Mfg. Co., 319 Fifth Ave. So., Minneapolis, Minn.
 Strayer Coin Bag Co., 1028 4th Ave., New Brighton, Pa.
 Todd Co., 1185 University Ave., Rochester, N. Y.
 Twentieth Century Co., 542 S. Dearborn, Chicago, Ill.
 United States Check Book Co., 1309-1315 Howard, Omaha, Neb.
 Universal Check Cover Co., 320 W. Pleasant, Springfield, Ohio.
 Van Clief Lithographing Co., 2708 Wabash Ave., Chicago, Ill.
 Voss Co., Herman, 1119 N. Water, Milwaukee, Wis.
 Young & Selden Co., Calvert & Saratoga, Baltimore, Md.; Philadelphia and Pittsburgh.
 Zell Products Corp., 536 Broadway, New York, N. Y.

CREDIT FILES

(See Files, Credit)

CURRENCY BOXES

(See Boxes Currency)

CUT FILES

(See Files, Cut)

105 CUTTERS, COUPON

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

D**DATING MACHINES**

(See Stamps, Dating)

DEPOSIT BOXES, SAFETY

(See Boxes, Deposit, Safety)

DEPOSIT RECEIVING MACHINES

(See Machines, Deposit Receiving)

106 DESIGNERS, INTERIOR

(See also Architects & Builders)

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 American Fixture Co., 16th & Bellefontaine, Kansas City, Mo.
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 Fisher Co., Charles City, Iowa.
 Georgia Show Case Co., West End, Montgomery, Ala.
 Houston Show Case & Mfg. Co., Center & Harvard Sts., Houston, Tex.
 Lane & Tweed, City Bk. Bldg., Kansas City, Mo.
 McGuire & Shook, 941 N. Meridian, Indianapolis, Ind.
 Nachteggall Mfg. Co., 237-45 S. Front, Grand Rapids, Mich.
 Ohmer, Inc., Alfred A. & Robert F., 113 N. Jefferson, Dayton, O.
 Scheitler & Wenisch, 737 N. Michigan Ave., Chicago, Ill.
 Stiles Co., Geo. W., 664 N. Michigan Ave., Chicago, Ill.
 Taylor-Palmer Co., 49 E. Wells, Milwaukee, Wis.
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 Bank Vault Inspection Co., 5 So. 18th, Philadelphia, Pa.
 Consolidated Expanded Metals Companies, Wheeling Steel Bldg., Wheeling, W. Va.
 Hollar Company, Packard Bldg., Philadelphia, Pa.
 Lock Steel Co., 725 Grant Bldg., Pittsburgh, Pa.
 Rivet-Grip Steel Company, The, 2404 Prospect Ave., Cleveland, O.
 Scheitler and Wenisch, 737 N. Michigan Ave., Chicago, Ill.
 Strauss & Son, E. A., 80 E. Jackson Blvd., Chicago, Ill.
 Yeo, Samuel P., 5 So. 18th, Philadelphia, Pa.

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(See also Furniture, Bank and Office)

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 Automatic File & Index Co., 427 W. Randolph, Chicago, Ill.
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 Georgia Show Case Co., West End, Montgomery, Ala.
 Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Hoosier Desk Co., 310 S. Mill, Jasper, Ind.
 Imperial Desk Co., 1343 W. Florida, Evansville, Ind.
 Invincible Metal Furniture Co., Manitowoc, Wis.
 Lexington Desk Co., Inc., 158 E. 42nd, New York, N. Y.
 Macey Company, The, 1520 Division Ave., S., Grand Rapids, Mich.
 Pembroke Co., 24 E. Broadway, Salt Lake City, Utah.
 Remington Rand, Inc., Buffalo, N. Y.
 Schick, Johnson Co., 1737 N. Paulina, Chicago, Ill.
 Steel Fixture Mfg. Co., E. 7th & Adams, Topeka, Kan.
 Wagemaker Co., 566 S. Market, Grand Rapids, Mich.
 Watson Mfg. Co., Jamestown, N. Y.
 Williams, Inc., Jno., 542 W. 27th, New York, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

109 DESKS, BOOKKEEPERS'

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

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 Claus Mfg. Co., A., 5250 Brookpark Rd., Cleveland, O.
 Currier Manufacturing Co., North Western Terminal, Minneapolis, Minn.

Falls Bank Desk Co., 2045 W. 103d, Chicago, Ill. (See our adv. on page 26.)
 General Fireproofing Co., Youngstown, O.
 Le Febure Corporation, Cedar Rapids, Ia.
 The Shaw-Walker Co., Muskegon, Mich.
 Remington Rand, Inc., Buffalo, N. Y.
 Watson Mfg. Co., Jamestown, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

112 DESKS, LOBBY

(See also Fixtures, Bank and Office)

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 American Iron & Wire Works, 1621 Carroll Ave., Chicago, Ill.
 Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Cincinnati Mfg. Co., Gest & Evans St., Cincinnati, Ohio.
 Fisher Co., Charles City, Iowa.
 Flour City Ornamental Iron Co., 27th Ave. & 27th St., Minneapolis, Minn.
 General Fireproofing Co., Youngstown, Ohio.
 Georgia Show Case Co., West End, Montgomery, Ala.
 Heath Co., John S., 2110 Commonwealth Ave., No. Chicago, Ill.
 Le Febure Corporation, Cedar Rapids, Ia.
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 Falls Bank Desk Co., 2045 W. 103d, Chicago, Ill. (See our adv. on page 26.)
 Flour City Ornamental Iron Co., 27th Ave. & 27th St., Minneapolis, Minn.
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(See also Stands, Typewriter)

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116 DESKS, WOOD

(See also Furniture, Bank and Office)

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 Shaw-Walker Co., The, Muskegon, Mich.
 Wagemaker Co., Grand Rapids, Mich.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

117 DEVICES, LOOSE LEAF

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 Kennedy Printing Co., 609-611 Monroe, Fredonia, Kan.
 Lefax (Inc.), 9th & Sansom, Philadelphia, Pa.
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119 DICTAPHONES

(See also Machines, Dictating)
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 (See Machines, Dictating)

120 DIME SAVERS

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 (See Advertising, Direct Mail Material)

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

DIRECTORIES, BUILDING
 (See Bulletin Boards)

122 DIRECTORIES, COMMERCIAL

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

123 DISPENSERS, CHECK & DEPOSIT SLIP

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124 DOOR OPENERS, ELECTRIC

Corbin, P. & F., Division American Hardware Corp., Park St., New Britain, Conn.
 Patrick & Wilkins Co., 51 N. 7th, Philadelphia, Pa.
 Varnum Door Engine Co., 1459 Venice Blvd., Los Angeles, Calif.

125 DOORS, FIRE

General Bronze Corp., 3744 N. Booth, Milwaukee, Wis.
 Wilson Corp., J. G., 11 E. 38th, New York, N. Y.

126 DOORS, HOLLOW METAL, BRONZE & STEEL

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 Cincinnati Mfg. Co., Gest & Evans St., Cincinnati, Ohio.
 Dahlstrom Metallic Door Co., Buffalo & E. 2d, Jamestown, N. Y.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Gorham Manufacturing Co., Providence, R. I.

127 DOORS, METAL (AND TRIM)

Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Dahlstrom Metallic Door Co., Buffalo & E. 2d, Jamestown, N. Y.
 Flour City Ornamental Iron Co., 27th Ave. & 27th St., Minneapolis, Minn.
 General Bronze Corp., 3744 N. Booth, Milwaukee, Wis.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Gorham Manufacturing Co., Providence, R. I.
 Kanneer Co., Front St., Niles, Mich.
 Luptons Sons Co., David, Allegheny Ave. & Tulip, Philadelphia, Pa.
 Tyler Co., W. S., 3615 Superior, Cleveland, O.
 Watson Mfg. Co., Jamestown N. Y.
 Williams, Inc., Jno., 542 W. 27th, New York, N. Y.

128 DOORS, REVOLVING

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

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130 DOORS, VAULT

(See also Vaults)
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 Herring-Hall-Marvin Safe Co., Grand Boulevard, Hamilton, O.
 Melink Steel Safe Co., 1762 Oakwood Ave., Toledo, Ohio.
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 National Safe & Lock Co., 2345 E. 69th, Cleveland, O.
 Norris Safe & Lock Co., 114 Third Ave., Seattle, Wash.
 Remington Rand Inc., Buffalo, N. Y.
 Remington & Sherman Co., 1545 N. Delaware, Philadelphia, Pa.
 York Safe & Lock Co., York, Pa.

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

DRAFTS, BANK
 (See Forms, Bank and Checks)

131 DRAWERS, MONEY

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

DRINKING CUP DISPENSERS
 (See Equipment, Bank and Office)

132 DUPLICATORS

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 Brueco Sales Co., 141 E. 29th, Brooklyn, N. Y.
 Daus Duplicator Co., Inc., Felix F., 401 Broadway, New York, N. Y.
 Dick Co., A. B., 720 W. Jackson Blvd., Chicago, Ill.
 Ditto, Inc., 2243 W. Harrison, Chicago, Ill.
 Heyer Duplicator Co., Inc., 901 W. Jackson Blvd., Chicago, Ill.
 Marr Duplicator Co., 53 Park Place, New York, N. Y.
 Multistamp Co., Inc., 527 W. 21st., Norfolk, Va.
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 Post-O-Graf, Inc., Wilkes-Barre, Pa.
 Rotospeed Co., 5th & Wilkins, Dayton, O.
 Safe Guard Corp., Walnut St., Lansdale, Pa.
 Standard Mailing Machines Co., 1935 Parkway Everett, Mass.

DUPLICATOR SUPPLIES
 (See Supplies, Duplicator)

E

133 EMBOSSEING

(See also Printing & Engraving)
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 American Embossing Co., 196 Seneca, Buffalo, N. Y.
 Beach Printing Co., Will A., 235 N. Phillips Ave., Sioux Falls, S. D.
 Buxton & Skinner Printing & Stationery Co., 306 N. 4th, St. Louis, Mo.
 Courier-Journal Job Printing Co., 316-328 W. Liberty, Louisville, Ky.
 Dameron-Pierce Company, Ltd., 400 Camp, New Orleans, La.
 Dow Co., Louis F., 2242 University Ave., St. Paul, Minn.
 Farnham Printing & Stationery Co., 417 Hennepin Ave., Minneapolis, Minn.
 Foote & Davies Co., Edgewood & Pryor, Atlanta, Ga.
 Fort Wayne Printing Co., 115 E. Brackenridge, Ft. Wayne, Ind.
 Hesse Envelope & Litho. Co., 4183 Kingshighway, Memorial Blvd. at Penrose Pk., St. Louis, Mo.
 Irwin Hodson Co., 115 N. 15th, Portland, Ore.
 Le Febure Corporation, Cedar Rapids, Ia.
 Levey Ptg. Co., State House Square, Indianapolis, Ind.
 Miller-Davis Co., 219 S. 4th, Minneapolis, Minn.
 Pettibone & Co., P. F., 27 N. Desplaines, Chicago, Ill.
 Smith Ptg. Co., 225-239 E. 3d, Williamport, Pa.
 Smith & Co., The Oscar T., 407-11 E. Saratoga, Baltimore, Md.
 Stafford Lowdon Co., 610 W. Daget, Ft. Worth, Tex.
 Stephens Litho. & Engr. Co., 420 N. 2d, St. Louis, Mo.
 Toof & Co., S. C., 195 Madison, Memphis, Tenn.
 Walker, Evans & Cogswell Co., 3-5 Broad, Charleston, S. C.
 Western Lithograph Co., 600 E. 2d, Los Angeles, Cal.
 Young & Selden Co., Calvert & Saratoga, Baltimore, Md.

ENDORSERS, CHECK
 (See Check Endorsers)

134 ENGINEERS, EQUIPMENT

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

135 ENGINEERS, INDUSTRIAL

Austin Co., The, 16112 Euclid Ave., Cleveland, O.
 Columbia Engineering & Management Corp., 61 Broadway, New York, N. Y.
 Danne, Harold A., 41 Park Row, New York, N. Y.
 Ferguson Co., The H. K., Hanna Bldg., Cleveland, O.
 Hunt Co., Robt. W., 175 W. Jackson Blvd., Chicago, Ill.
 Lockwood-Green & Co., 24 Federal, Boston, Mass.
 May, Geo. S., 2620 N. Shore, Chicago, Ill.
 Miller, Franklin & Co., Inc., 347 Madison Ave., New York, N. Y.

136 ENGINEERS, SAFE AND VAULT

ABELL, E. F., 33 Liberty St., New York, N. Y.
 Bank Vault Inspection Co., 5 So. 18th, Philadelphia, Pa.
 The Hollar Co., Packard Bldg., Philadelphia, Pa.
 Hone, Hugh R., 3858 42d Ave., N. E., Seattle, Wash.
 Hunt Co., Robert W., 175 W. Jackson Blvd., Chicago, Ill.
 Scheitler & Wenisch, 737 N. Michigan Ave., Chicago, Ill.
 Strauss & Son, E. A., 80 E. Jackson Blvd., Chicago, Ill.
 Yeo, Samuel P., 5 S. 18th, Philadelphia, Pa.

ENGRAVED LETTERHEADS
 (See Letterheads, Engraved; also Engraving)

137 ENGRAVING

American Bank Note Co., 118 E. Cullerton, Chicago, Ill.
 American Bank Supply Co., 628 N. Illinois, Indianapolis, Ind.
 American Embossing Co., 196 Seneca, Buffalo, N. Y.
 Benson & Sons, Inc., Benj. D., 11 Cliff, New York, N. Y.
 Brown, Lent & Pett, Inc., 110 William, New York, N. Y.
 Buxton & Skinner Ptg. & Sta. Co., 306 N. 4th, St. Louis, Mo.
 Central Banknote Co., 319 N. Albany, Chicago, Ill.
 Childs & Co., S. D., 136 S. Clark, Chicago, Ill.
 Clarke & Courts, 2402 Mechanic, Galveston, Tex.
 Columbian Bank Note Co., 500 S. Ashland Blvd., Chicago, Ill.
 Courier-Journal Job Printing Co., 316-328 W. Liberty, Louisville, Ky.
 Dameron-Pierson Company, Ltd., 400 Camp, New Orleans, La.
 Drew Co., The H. & W. B., 22 W. Bay, Jacksonville, Fla.
 Foote & Davies Co., Edgewood & Pryor, Atlanta, Ga.
 Hutson & Co., C. S., 555-561 San Pedro, Los Angeles, Cal.
 The Joplin Printing Co., Inc., 509-15 Joplin, Joplin, Mo.
 Long Island Printing & Lithographing Co., Inc., 137 Jackson, Hempstead, N. Y.
 Mann Co., Wm., 529 Market, Philadelphia, Pa.
 Mysell-Rollins Bank Note Co., 500 Sansome, San Francisco, Calif.
 Northern Bank Note Co., 2340 N. Racine Ave., Chicago, Ill.
 Pembroke Co., 24 E. Broadway, Salt Lake City, Utah.
 Schwabacher Frey Co., 735 Market, San Francisco, Calif.
 Smith Co., Oscar T. & Son, 407-11 E. Saratoga, Baltimore, Md.
 Smith Ptg. Co., 225-239 E. 3d, Williamsport, Pa.
 Southern States Ptg. Co., Inc., 120 E. Taylor, Griffin, Ga.
 Stephens Litho. & Engraving Co., 420 N. 2d St., St. Louis, Mo.
 United States Check Book Co., 1309-1315 Howard, Omaha, Neb.
 Van Clief Lithographing Co., 2708-12 Wabash Ave., Chicago, Ill.
 Western Lithograph Co., 600 E. 2d, Los Angeles, Calif.
 Woodbury & Co., Inc., Chadwick Sq., Worcester, Mass.
 Young & Selden Co., Calvert & Saratoga, Baltimore, Md.

138 EMBOSSEERS

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

ENVELOPE SEALERS
 (See Machines, Sealing, Envelope)

139 ENVELOPES

American Envelope Co., 3100 W. Grand Ave., Chicago, Ill.
 American Envelope and Printing Co., 229 N. 63rd, Philadelphia, Pa.
 American Fiber-Velose Mfg. Co., 229 N. 63d, Philadelphia, Pa.
 Ames Safety Envelope Co., 610 Atlantic Ave., Boston, Mass.
 Bankers Envelope Co., Midway Quality Park, St. Paul, Minn.
 Beco Envelope Corp., 382 Fifth St., Oakland, Calif.
 Belnap Envelope Co., 605 Ward Bldg., Battle Creek, Mich.
 Berkowitz Envelope Co., 19th & Campbell, Kansas City, Mo.
 Bourke-Rice Envelope Co., 522 S. Clinton, Chicago, Ill.
 Bushnell Co., Alvah, 13th & Wood, Philadelphia, Pa.
 Capital Envelope Co., 1803 E. 7th, Los Angeles, Calif.
 Capitol Bank Note Co., 429 S. Ashland Ave., Chicago, Ill.
 Chicago Neostyle Envelope Co., 17 E. Austin Ave., Chicago, Ill.
 Commercial Envelope Corporation, 3024 Lemp Ave., St. Louis, Mo.
 Corporation Coupon Envelope Co., 186-190 E. Water, Milwaukee, Wis.
 Courier-Journal Job Printing Co., 316-328 W. Liberty, Louisville, Ky.
 Cupples Envelope Co., Samuel, 628 S. 6th St., St. Louis, Mo.
 CURTISS 1000 INC., St. Paul, Minn.; Hartford, Conn.; Cleveland, Ohio. (See our adv. on this page.)
 Field-Ernst Envelope Co., 45 Fremont, San Francisco, Cal.
 Gaw-O'Hara Envelope Co., 500 N. Sacramento, Chicago, Ill.
 Gulf Envelope Co., Brooks at Freeman, Houston, Tex.
 Hammermill Paper Co., Erie, Pa.
HECO ENVELOPE CO., 4500 Cortland, Chicago, Ill. (See our adv. on page 29.)
 Hesse Envelope & Litho Co., 4183 Kingshighway, Memorial Blvd. at Penrose Pk., St. Louis, Mo.
 Illinois Envelope Co., Kalamazoo, Mich.
 Isler-Tompsett Lithographing Co., 2940 Benton, St. Louis, Mo.
 Kennedy Printing Co., 609-611 Monroe, Fredonia, Kan.
 Keystone Envelope Co., 427 Moyer, Philadelphia, Pa.
 McGill Paper Products, Inc., 501 Seventh Ave., Minneapolis, Minn.
 Northern States Envelope Co., 300 E. 4th, St. Paul, Minn.
 Outlook Envelope Co., 1001 W. Washington Blvd., Chicago, Ill.
 Oxford Filing Supply Co., 340 Morgan Ave., Brooklyn, N. Y.
 Pavey Envelope & Tag Co., 36 Green, Newark, N. J.
 Peerless Lithographing Co., 4313 Diversey Ave., Chicago, Ill.
 Pittsburgh Standard Envelope Co., 32 Blvd. of Allies, Pittsburgh, Pa.
 Republic Envelope Co., 3617 S. Ashland, Chicago, Ill.
 Safety Envelope Co., 1542 No. 32d, Milwaukee, Wis.
 Security Envelope Co., 2900 Fifth Ave., Minneapolis, Minn.
 The Todd Company, 1185 University Ave., Rochester, N. Y.
 United States Envelope Co., Springfield, Mass.
 Wessel Co., 458 E. 30th, Chicago, Ill.
 Western Bank Supply Co., 3151 Texas, Oakland, Calif.
 Wolf Envelope Co., 1749 E. 22d, Cleveland, O.
 Woodbury & Co., Inc., Chadwick Sq., Worcester, Mass.
 Young & Selden Co., Calvert & Saratoga, Baltimore, Md., Philadelphia and Pittsburgh.

140 ENVELOPES, BANKING BY MAIL

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

141 ENVELOPES, COIN

Abbott Coin Counter Co., 143d & Wales Ave., New York, N. Y.
 Bankers Envelope Co., Midway Quality Park, St. Paul, Minn.
 Belnap Envelope Co., 605 Ward Bldg., Battle Creek, Mich.

Berkowitz Envelope Co., 19th & Campbell, Kansas City, Mo.
 Chicago Neostyle Envelope Co., 17 E. Austin Ave., Chicago, Ill.
 Commercial Envelope Corporation, 3024 Lemp Ave., St. Louis, Mo.
 Courier Journal Job Printing Co., 316-328 W. Liberty, Louisville, Ky.
 Curtis 1000 Inc., St. Paul, Minn.; Hartford, Conn.; Cleveland, Ohio.
 Gaw-O'Hara Envelope Co., 500 N. Sacramento, Chicago, Ill.
 Heco Envelope Co., 4500 Cortland, Chicago, Ill.
 Hesse Envelope & Litho Co., 4183 Kingshighway, Memorial Blvd. at Penrose Pk., St. Louis, Mo.
 McGill Paper Products, Inc., 501 Seventh Ave., So., Minneapolis, Minn.
 Security Envelope Co., 2900 Fifth Ave., Minneapolis, Minn.
 Stuart-Hopper Co., 5431 S. Wabash Ave., Chicago, Ill.
 Union Paper & Twine Co., 116 St. Clair Ave., N. W., Cleveland, Ohio.
 Von Senden Co., Inc., Arthur, 316 Fourth Ave., Pittsburgh, Pa.

142 ENVELOPES, COUPON

Beco Envelope Corp., 382 Fifth St., Oakland, Calif.
 Belnap Envelope Co., 605 Ward Bldg., Battle Creek, Mich.
 Berkowitz Envelope Co., 19th & Campbell, Kansas City, Mo.
 Bourke-Rice Envelope Co., 522 S. Clinton, Chicago, Ill.
 Commercial Envelope Corporation, 3024 Lemp Ave., St. Louis, Mo.
 Corporation Coupon Envelope Co., 186-190 E. Water, Milwaukee, Wis.
 Courier Journal Job Printing Co., 316-328 W. Liberty, Louisville, Ky.
 Curtis 1000 Inc., St. Paul, Minn.; Hartford, Conn.; Cleveland, Ohio.
 Field-Ernst Envelope Co., 45 Fremont, San Francisco, Cal.
 Gaw-O'Hara Envelope Co., 500 N. Sacramento, Chicago, Ill.
 Heco Envelope Co., 4500 Cortland, Chicago, Ill.
 Hesse Envelope & Litho Co., 4183 Kingshighway, Memorial Blvd. at Penrose Pk., St. Louis, Mo.
 Laurence, C. W., Saratoga, N. Y.
 McGill Paper Products, Inc., 501 Seventh Ave., So., Minneapolis, Minn.
 Security Envelope Co., 2900 Fifth Ave., Minneapolis, Minn.
 Taylor & Greenough Bank Supply Co., 74 Union St., Hartford, Conn.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

143 ENVELOPES, COUPON WINDOW

Belnap Envelope Co., 605 Ward Bldg., Battle Creek, Mich.
 Berkowitz Envelope Co., 19th & Campbell, Kansas City, Mo.
 Bourke-Rice Envelope Co., 522 S. Clinton, Chicago, Ill.
 Commercial Envelope Corporation, 3024 Lemp Ave., St. Louis, Mo.
 Corporation Coupon Envelope Co., 186-190 E. Water, Milwaukee, Wis.
 Courier Journal Job Printing Co., 316-328 W. Liberty, Louisville, Ky.
 Curtis 1000 Inc., St. Paul, Minn.; Hartford, Conn.; Cleveland, Ohio.
 Heco Envelope Co., 4500 Cortland, Chicago, Ill.
 Hesse Envelope & Litho Co., 4183 Kingshighway, Memorial Blvd. at Penrose Pk., St. Louis, Mo.
 McGill Paper Products, Inc., 501 Seventh Ave., So., Minneapolis, Minn.
 Outlook Envelope Co., 1001 Washington Blvd., Chicago, Ill.
 Security Envelope Co., 2900 Fifth Ave., Minneapolis, Minn.
 United States Check Book Co., 1309-1315 Howard, Omaha, Neb.

144 ENVELOPES, CURRENCY

Ames Safety Envelope Co., 610 Atlantic Ave., Boston, Mass.
 Beco Envelope Corp., 382 Fifth St., Oakland, Calif.
 Berkowitz Envelope Co., 19th & Campbell, Kansas City, Mo.
 Bushnell Co., Alvah, 13th & Wood, Philadelphia, Pa.
 Commercial Envelope Corporation, 3024 Lemp Ave., St. Louis, Mo.
 Curtis 1000 Inc., St. Paul, Minn.; Hartford, Conn.; Cleveland, Ohio.
 Field-Ernst Envelope Co., 45 Fremont, San Francisco, Cal.
 Gulf Envelope Co., Brooks at Freeman, Houston, Tex.
 Heco Envelope Co., 4500 Cortland, Chicago, Ill.

Hesse Envelope & Litho Co., 4183 Kingshighway, Memorial Blvd. at Penrose Pk., St. Louis, Mo.
 McGill Paper Products, Inc., 501 Seventh Ave., So., Minneapolis, Minn.
 Pittsburgh Standard Envelope Co., 32 Blvd. of Allies, Pittsburgh, Pa.
 Security Envelope Co., 2900 Fifth Ave., Minneapolis, Minn.
 Smead Mfg. Co., The, 309 2nd St., Hastings, Minn.
 Troy Sunshade Co., 612 Grant, Troy, Ohio.
 Union Paper & Twine Co., 116 St. Clair Ave., N. W., Cleveland, Ohio.

145 ENVELOPES, EXPANDING

American Fiber-Velose Mfg. Co., 229 N. 63d, Philadelphia, Pa.
 Ames Safety Envelope Co., 610 Atlantic Ave., Boston, Mass.
 Belnap Envelope Co., 605 Ward Bldg., Battle Creek, Mich.
 Berkowitz Envelope Co., 19th & Campbell, Kansas City, Mo.
 Bourke-Rice Envelope Co., 522 S. Clinton, Chicago, Ill.
 Bushnell Co., Alvah, 13th & Wood, Philadelphia, Pa.
 Commercial Envelope Corporation, 3024 Lemp Ave., St. Louis, Mo.
 Courier Journal Job Printing Co., 316-328 W. Liberty, Louisville, Ky.
 Curtis 1000 Inc., St. Paul, Minn.; Hartford, Conn.; Cleveland, Ohio.
 Field-Ernst Envelope Co., 45 Fremont, San Francisco, Cal.
 Gaw-O'Hara Envelope Co., 500 N. Sacramento, Chicago, Ill.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Heco Envelope Co., 4500 Cortland, Chicago, Ill.
 Hesse Envelope & Litho Co., 4183 Kingshighway, Memorial Blvd. at Penrose Pk., St. Louis, Mo.
 Keystone Envelope Co., 427 Moyer, Philadelphia, Pa.
 McGill Paper Products, Inc., 501 Seventh Ave., So., Minneapolis, Minn.
 National Fibrestock Envelope Co., 429 Moyer, Philadelphia, Pa.
 Oxford Filing Supply Co., 340 Morgan Ave., Brooklyn, N. Y.
 Safety Envelope Co., 1542 No. 32nd, Milwaukee, Wis.
 Security Envelope Co., 2900 Fifth Ave., Minneapolis, Minn.
 Smead Mfg. Co., The, 309 2nd St., Hastings, Minn.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

146 ENVELOPES, FILING

American Fiber-Velose Mfg. Co., 229 N. 63d, Philadelphia, Pa.
 Ames Safety Envelope Co., 610 Atlantic Ave., Boston, Mass.
 Automatic File & Index Co., 427 W. Randolph, Chicago, Ill.
 Belnap Envelope Co., 605 Ward Bldg., Battle Creek, Mich.
 Berkowitz Envelope Co., 19th & Campbell, Kansas City, Mo.
 Bourke-Rice Envelope Co., 522 S. Clinton, Chicago, Ill.
 Bushnell Co., Alvah, 13th & Wood, Philadelphia, Pa.
 Commercial Envelope Corporation, 3024 Lemp Ave., St. Louis, Mo.
 Curtis 1000 Inc., St. Paul, Minn.; Hartford, Conn.; Cleveland, Ohio.
 Field-Ernst Envelope Co., 45 Fremont, San Francisco, Cal.
 Gaw-O'Hara Envelope Co., 500 N. Sacramento, Chicago, Ill.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Gulf Envelope Co., Brooks at Freeman, Houston, Tex.
 Heco Envelope Co., 4500 Cortland, Chicago, Ill.
 Hesse Envelope & Litho Co., 4183 Kingshighway, Memorial Blvd. at Penrose Pk., St. Louis, Mo.
 Kay-Dee Co., The, 3644 S. 36th, Lincoln, Neb.
 Keystone Envelope Co., 427 Moyer, Philadelphia, Pa.
 McGill Paper Products, Inc., 501 Seventh Ave., So., Minneapolis, Minn.
 Quality Park Envelope Co., St. Paul, Minn.
 Remington Rand, Inc., Buffalo, N. Y.
 Safety Envelope Co., 1542 No. 32nd, Milwaukee, Wis.
 Security Envelope Co., 2900 Fifth Ave., Minneapolis, Minn.
 Self-Clasp (The) Envelope Co., 234 Schofield Bldg., Cleveland, Ohio.
 The Shaw-Walker Co., Muskegon, Mich.
 Smead Mfg. Co., 309 Second, Hastings, Minn.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.



High Quality Envelopes

**ST. PAUL
 HARTFORD
 CLEVELAND**

147 ENVELOPES, LOCK

Ames Safety Envelope Co., 610 Atlantic Ave., Boston, Mass.
 Keystone Envelope Co., 427 Moyer, Philadelphia, Pa.
 McGill Paper Products, Inc., 501 Seventh Ave., So., Minneapolis, Minn.
 Pavey Envelope & Tag Co., 36 Green, Newark, N. J.
 Security Envelope Co., 2900 Fifth Ave., Minneapolis, Minn.
 The Self-Clasp Envelope Co., 234 Schofield Bldg., Cleveland, Ohio.

148 ENVELOPES, MAILING

American Fiber-Velope Mfg. Co., 229 N. 63d, Philadelphia, Pa.
 Ames Safety Envelope Co., 610 Atlantic Ave., Boston, Mass.
 Bankers Envelope Co., 25 Cliff, New York, N. Y.
 Belnap Envelope Co., 605 Ward Bldg., Battle Creek, Mich.
 Berkowitz Envelope Co., 19th & Campbell, Kansas City, Mo.
 Bourke-Rice Envelope Co., 522 S. Clinton, Chicago.
 Bushnell Co., Alvah, 13th & Wood, Philadelphia, Pa.
 Commercial Envelope Corporation, 3024 Lemp Ave., St. Louis, Mo.
 Courier Journal Job Printing Co., 316-328 Liberty, Louisville, Ky.
 Curtis 1000 Inc., St. Paul, Minn.; Hartford, Conn.; Cleveland, Ohio.
 Field-Ernest Envelope Co., 45 Fremont, San Francisco, Cal.
 Gaw-O'Hara Envelope Co., 500 N. Sacramento, Chicago, Ill.
 Gulf Envelope Co., Brooks at Freeman, Houston, Tex.
HECO ENVELOPE CO., 4500 Cortland, Chicago, Ill. (See our adv. on this page)
 Hesse Envelope & Litho. Co., 4183 Kingshighway, Memorial Blvd. at Penrose Pk., St. Louis, Mo.
 Keystone Envelope Co., 427 Moyer, Philadelphia, Pa.
 McGill Paper Products, Inc., 501 Seventh Ave., So., Minneapolis, Minn.
 Safety Envelope Co., 1542 No. 32nd, Milwaukee, Wis.
 Security Envelope Co., 2900 Fifth Ave., Minneapolis, Minn.
 Smead Mfg. Co., The, Hastings, Minn.
 Union Paper & Twine Co., 116 St. Clair Ave., N. W., Cleveland, Ohio.

149 ENVELOPES, OPEN-END

Ames Safety Envelope Co., 610 Atlantic Ave., Boston, Mass.
 American Paper Goods Co., Kensington, Conn.
 Berkowitz Envelope Co., 19th & Campbell, Kansas City, Mo.
 Bourke-Rice Envelope Co., 522 S. Clinton, Chicago.
 Bushnell Co., Alvah, 13th & Wood, Philadelphia, Pa.
 Commercial Envelope Corporation, 3024 Lemp Ave., St. Louis, Mo.
 Courier Journal Job Printing Co., 316-328 Liberty, Louisville, Ky.
 Curtis 1000 Inc., St. Paul, Minn.; Hartford, Conn.; Cleveland, Ohio.
 Gaw-O'Hara Envelope Co., 500 N. Sacramento, Chicago, Ill.
 Heco Envelope Co., 4500 Cortland, Chicago, Ill.
 Hesse Envelope & Litho. Co., 4183 Kingshighway, Memorial Blvd. at Penrose Pk., St. Louis, Mo.
 McGill Paper Products, Inc., 501 Seventh Ave., So., Minneapolis, Minn.
 Pittsburgh Standard Envelope Co., 32 Blvd. of Allies, Pittsburgh, Pa.
 Safety Envelope Co., 1542 No. 32nd, Milwaukee, Wis.
 Security Envelope Co., 2900 Fifth Ave., Minneapolis, Minn.
 Union Paper & Twine Co., 116 St. Clair Ave., N. W., Cleveland, Ohio.

150 ENVELOPES, PAY ROLL

American Paper Goods Co., Kensington, Conn.
 Belnap Envelope Co., 605 Ward Bldg., Battle Creek, Mich.

Berkowitz Envelope Co., 19th & Campbell, Kansas City, Mo.
 Commercial Envelope Corporation, 3024 Lemp Ave., St. Louis, Mo.
 Courier-Journal Job Printing Co., 316-328 W. Liberty, Louisville, Ky.
 Curtis 1000 Inc., St. Paul, Minn.; Hartford, Conn.; Cleveland, Ohio.
 Heco Envelope Co., 4500 Cortland, Chicago, Ill.
 Hesse Envelope & Litho. Co., 4183 Kingshighway, Memorial Blvd. at Penrose Pk., St. Louis, Mo.
 McGill Paper Products, Inc., 501 Seventh Ave., So., Minneapolis, Minn.
 Security Envelope Co., 2900 Fifth Ave., Minneapolis, Minn.
 Union Paper & Twine Co., 116 St. Clair Ave., N. W., Cleveland, Ohio.

151 ENVELOPES, REGISTERED MAIL

Ames Safety Envelope Co., 610 Atlantic Ave., Boston, Mass.
 Bankers Envelope Co., 25 Cliff, New York, N. Y.
 Belnap Envelope Co., 605 Ward Bldg., Battle Creek, Mich.
 Berkowitz Envelope Co., 19th & Campbell, Kansas City, Mo.
 Bourke-Rice Envelope Co., 522 S. Clinton, Chicago.
 Bushnell Co., Alvah, 13th & Wood, Philadelphia, Pa.
 Courier Journal Job Printing Co., 316-328 W. Liberty, Louisville, Ky.
 Curtis 1000 Inc., St. Paul, Minn.; Hartford, Conn.; Cleveland, Ohio.
 Field-Ernest Envelope Co., 45 Fremont, San Francisco, Cal.
 Gaw-O'Hara Envelope Co., 500 N. Sacramento, Chicago, Ill.
 Heco Envelope Co., 4500 Cortland, Chicago, Ill.
 Hesse Envelope & Litho. Co., 4183 Kingshighway, Memorial Blvd. at Penrose Pk., St. Louis, Mo.
 Keystone Envelope Co., 427 Moyer, Philadelphia, Pa.
 McGill Paper Products, Inc., 501 Seventh Ave., So., Minneapolis, Minn.
 Pittsburgh Standard Envelope Co., 32 Blvd. of Allies, Pittsburgh, Pa.
 Safety Envelope Co., 1542 No. 32nd, Milwaukee, Wis.
 Security Envelope Co., 2900 Fifth Ave., Minneapolis, Minn.
 Twentieth Century Co., 542 S. Dearborn, Chicago.

152 ENVELOPES, TWO-WAY

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

153 ENVELOPES, WINDOW

Berkowitz Envelope Co., 19th & Campbell, Kansas City, Mo.
 Chicago Neostyle Envelope Co., 17 E. Austin Ave., Chicago, Ill.
 Curtis 1000 Inc., St. Paul, Minn.; Hartford, Conn.; Cleveland, Ohio.
 Heco Envelope Co., 4500 Cortland, Chicago, Ill.
 Outlook Envelope Co., 1001 W. Washington Blvd., Chicago, Ill.
 Pavey Envelope & Tag Co., 36 Green, Newark, N. J.
 Transo Envelope Co., 3512 N. Kimball, Chicago, Ill.

154 EQUIPMENT, BANK & OFFICE

(See also specific headings)

Aetna Cabinet Co., 321-29 W. Maryland, Indianapolis, Ind.
 American Bankbuilding Construction Co., 1201 East Georgia St., Indianapolis, Ind.
 American Fixture Co., 16th & Bellefontaine, Kansas City, Mo.
 Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Berger Mfg. Co., 1038 Belden Ave., Canton, O.
 Canton Art Metal Co., 2820 Winfield Way, N. E., Canton, O.
 Chicago Architectural Bronze Co., 1948 W. Ohio, Chicago, Ill.
 Chryst, Wm. G., 2401 Chestnut, Philadelphia, Pa.
 The A. Claus Mfg. Co., 5250 Brookpark Rd., Cleveland, O.

Cole Steel Equipment Co., 33 Crescent, Long Island City, N. Y.
 Collins Safe & Fixture Co., W. D., 513 W. Main, Denison, Tex.
 Columbia Steel Equipment Co., Chestnut at 18th, Philadelphia, Pa.
 Dameron-Pierson Co., Ltd., 400 Camp, New Orleans, La.
 Davidson Co., J. L., 632-648 Mateo, Los Angeles, Calif.
 Doten Dunton Desk Co., 210 Broadway, Cambridge, Mass.
 Edwards Co., Inc., O. M., 50 Church St., New York, N. Y.
 Farber, Inc., S. W., 141-151 S. 5th, Brooklyn, N. Y.
 Faries Mfg. Co., 1036 E. Grand Ave., Decatur, Ill.
 Fisher Co., Charles City, Iowa.
 Foote & Davies Co., Edgewood & Pryor, Atlanta, Ga.
 General Fireproofing Co., Youngstown, O.
 Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Houston Show Case & Mfg. Co., Center & Harvard, Houston, Tex.
 Invincible Metal Furniture Co., Manitowoc, Wis.
 Jamestown Metal Equipment Co., Inc., 1088 Allen, Jamestown, N. Y.
 Le Febure Corporation, Cedar Rapids, Ia.
 Macey Co., The, 1520 Division Ave., S., Grand Rapids, Mich.
 Mailander & Co., 601 Jackson, Waco, Tex.
 Metal Office Furniture Co., Grand Rapids, Mich.
 Mount & Robertson, Inc., 62 Broad, New York, N. Y.
 Multiplex Display Fixture Co., 918 No. 10th, St. Louis, Mo.
 Nachtegaal Mfg. Co., 237-45 S. Front, Grand Rapids, Mich.
 Ohmer, Inc., A. A. & R. F., 113 N. Jefferson St., Dayton, O.
 Orthwine, R., 344 W. 34th, New York, N. Y.
 Remington Rand, Inc., Buffalo, N. Y.
 Schwabacher-Frey Co., 735 Market, San Francisco, Calif.
 The Shaw-Walker Co., Muskegon, Mich.
 St. Louis Bank Bldg. & Eqt. Co., 906 Sidney, St. Louis, Mo.
 Steel Fixture Mfg. Co., E. 7th & Adams, Topeka, Kan.
 Uffinger, Foster & Bookwalter, Inc., 221 W. 57th, New York, N. Y.
 Watson Mfg. Co., Jamestown, N. Y.
 Williams, Inc., Jno., 542 W. 27th, New York, N. Y.
 Wise Co., Inc., The J. H., 911 Syndicate Trust Bldg., St. Louis, Mo.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

EQUIPMENT ENGINEERS

(See Engineers, Equipment)

155 EQUIPMENT, FILING

(See also specific headings)

Acco Products, Inc., 39th Ave. & 24th, Long Island City, N. Y.
 Acme Card System Co., 8 S. Michigan, Chicago, Ill.
 All-Steel-Equip Company, Aurora, Ill.
 Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Art Steel Co., Inc., 300 E. 145th, New York, N. Y.
 Automatic File & Index Co., 427 W. Randolph, Chicago, Ill.
 Berger Mfg. Co., 1038 Belden Ave., Canton, O.
 Browne-Morse Co., Broadway, Muskegon Heights, Mich.
 Canton Art Metal Co., 2820 Winfield Way, N. E., Canton, Ohio.
 Cole Steel Equipment Co., 33 Crescent, Long Island City, N. Y.
 Columbia Steel Equipment Co., Chestnut at 18th, Philadelphia, Pa.
 Conway Co., H. H., 725 S. Wells, Chicago, Ill.
 Dameron-Pierson Company, Ltd., 400 Camp, New Orleans, La.
 Edwards Co., Inc., O. M., 50 Church St., New York, N. Y.
 Filing Equipment Bureau, 27 Melchee, Boston, Mass.
 Findex Co., 1560 W. Pierce, Milwaukee, Wis.
 General Fireproofing Co., Youngstown, Ohio.
 Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Invincible Metal Furniture Co., Manitowoc, Wis.



NEED ENVELOPES?

Write

HECO

HECO ENVELOPE COMPANY-4500 CORTLAND ST. CHICAGO

EQUIPMENT, FILING—Continued

Jamestown Metal Desk Co., Inc., Jamestown, N. Y.
 Jones & Co., Inc., Paul, 4012 S. Beiger, Mishawaka, Ind.
 Le Febure Corp., Cedar Rapids, Iowa.
 Lexington Desk Co., Inc., 158 E. 42nd, New York, N. Y.
 Macey Co., The, 1520 Division Ave., S., Grand Rapids, Mich.
 Meilink Steel Safe Co., 1672 Oakwood Ave., Toledo, Ohio.
 Metal Office Furniture Co., Grand Rapids, Mich.
 The Mosler Safe Co., Hamilton, Ohio.
 National Safe & Lock Co., 2345 E. 69th, Cleveland, Ohio.
 Orthwine, R., 344 W. 34th, New York, N. Y.
 Pressteel Engineering Corp., 52 Vanderbilt Ave., New York, N. Y.
 Remington Rand, Inc., Buffalo, N. Y.
 Shaw-Walker Co., Muskegon, Mich.
 Steel Fixture Mfg. Co., E. 7th & Adams, Topeka, Kan.
 Swaystop Co., 1123 Mulford, Evanston, Ill.
 Terrells Equipment Co., Grand Rapids, Mich.
 Wagemaker Co., 566 S. Market, Grand Rapids, Mich.
 Watson Mfg. Co., Jamestown, N. Y.
 Weis Mfg. Co., Union, Monroe, Mich.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

156 EQUIPMENT, MACHINE BOOKKEEPING

Cadwallader & Johnson, 844 Rush St., Chicago, Ill.
 General Fireproofing Co., Youngstown, O.
 Lloyd Co., W. G., 626 S. Clark, Chicago, Ill.
 Mitchell Co., Middleboro, Ky.
 Remington Rand, Inc., Buffalo, N. Y.
 Richmond & Backus Co., Woodward and Congress, Detroit, Mich.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

EQUIPMENT, METAL, FILING

(See Equipment, Filing)

157 EQUIPMENT, STORAGE

All-Steel-Equip. Company, Aurora, Ill.
 Art Steel Co., Inc., 401 E. 23d, New York, N. Y.
 Automatic File & Index Co., 427 W. Randolph, Chicago, Ill.
 Bankers Box Co., 536 S. Clark, Chicago, Ill.
 Berger Mfg. Co., 1038 Belden Ave., Canton, O.
 Danbury Square Box Co., Danbury, Conn.
 Durabilt Steel Locker Co., Aurora, Ill.
 General Fireproofing Co., Youngstown, O.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Hart & Hutchinson Co., New Britain, Conn.
 Kay-Dee Co., 3644 S. 36th, Lincoln, Neb.
 Oxford Filing Supply Co., 340 Morgan Ave., Brooklyn, N. Y.
 Primbs & Sons, Inc., Geo., 730-740 W. Center, Pocatello, Idaho.
 Remington Rand, Inc., Buffalo, N. Y.
 Terrells Equipment Co., Grand Rapids, Mich.
 Weis Mfg. Co., Union, Monroe, Mich.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

158 EQUIPMENT, VAULT

(See also specific headings)

American Bankbuilding Construction Co., 1201 E. Georgia, Indianapolis, Ind.
 American Fixture Co., 6th & Bellefontaine, Kansas City, Mo.
 Angle Steel Stool Co., Inc., Plainwell, Mich.
 Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Berger Mfg. Co., 1038 Belden Ave., Canton, O.
 Collins Safe & Fixture Co., W. D., 513 W. Main, Denison, Tex.
 Davidson Co., J. L., 632-648 Mateo, Los Angeles, Cal.
 Diebold Safe & Lock Co., 818 Mulberry Rd., S.E., Canton, Ohio.
 Edwards Co., Inc., O. M., 50 Church St., New York, N. Y.
 General Fireproofing Co., Youngstown, Ohio.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Herring-Hall-Marvin Safe Co., Grand Blvd., Hamilton, Ohio.
 Invincible Metal Furniture Co., Manitowoc, Wis.
 Jamestown Metal Equipment Co., Inc., 1088 Allen, Jamestown, N. Y.
 Le Febure Corporation, Cedar Rapids, Ia.
 The Mosler Safe Company, Hamilton, Ohio.
 Mount & Robertson, Inc., 62 Broad, New York, N. Y.
 Mullen Mfg. Co., 60 Rausch, San Francisco, Cal.
 Nachtgall Mfg. Co., 237-245 S. Front, Grand Rapids, Mich.
 National Safe & Lock Co., 2345 E. 69th, Cleveland, Ohio.
 Norris Safe & Lock Co., 114 Third Ave. So., Seattle, Wash.
 Remington Rand, Inc., Buffalo, N. Y.
 Watson Mfg. Co., Jamestown, N. Y.
 Wise Co., Inc., The J. H., 911 Syndicate Trust Bldg., St. Louis, Mo.
 Womack & Sons, J. P., Inc., Lakewood Ave., Atlanta, Ga.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

ERADICATORS, INK

(See Ink Eradicators)

159 EYELET MACHINES AND EYELETS

Abbott Coin Counter Co., 143rd & Wales Ave., New York, N. Y.
 Bates Mfg. Co., Orange, N. J.
 Sibley Mfg. Co., Inc., Edw. L., Bennington, Vt.

F

160 FASTENERS, PAPER

Acco Products, Inc., 39th Ave. & 24th St., Long Island City, N. Y.
 Ace Fastener Corp., 3415 N. Ashland Ave., Chicago, Ill.
 Bates Mfg. Co., Orange, N. J.
 Bindah Products, Inc., 3645 Montrose, Chicago, Ill.
 Bostitch Sales Co., East Greenwich, R. I.
 Bump Paper Fastener Co., La Crosse, Wis.
 Clark, Jr., Horace F., Investment Bldg., Washington, D. C.
 Eveready Mfg. Co. of Boston, 50 Church, New York, N. Y.
 Hoge Mfg. Co., 23 E. 21st, New York, N. Y.
 Hotchkiss Sales Co., 10 Hoyt, Norwalk, Conn.
 Kling Tite Fastener Co., 35 E. Wacker Drive, Chicago, Ill.
 Oxford Filing Supply Co., 340 Morgan Ave., Brooklyn, N. Y.
 Parrot Speed Fastener Corp., 388 Broadway, New York, N. Y.
 Remington Rand, Inc., Buffalo, N. Y.
 Sibley Mfg. Co., Edw. L., Bennington, Vt.

FILES

(See Specific Headings)

161 FILES, CARD INDEX

Acme Card System Co., 8 S. Michigan, Chicago, Ill.
 Amberg File & Index Co., 1400 Fulton, Chicago, Ill.
 Automatic File & Index Co., 427 W. Randolph, Chicago, Ill.
 Berger Mfg. Co., 1038 Belden Ave., Canton, O.
 Buchan-White Loose Leaf Co., 1906 Pine, St. Louis, Mo.
 Dameron-Pierson Company Ltd., 400 Camp, New Orleans, La.
 Edwards Co., Inc., O. M., 50 Church St., New York, N. Y.
 Findex Company, 1560 W. Pierce, Milwaukee, Wis.
 General Fireproofing Co., Youngstown, Ohio.
 Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Le Febure Corporation, Cedar Rapids, Ia.
 Lloyd & Co., W. C., 626 S. Clark, Chicago, Ill.
 Macey Company, The, 1520 Division Ave., S., Grand Rapids, Mich.
 Metal Office Furniture Co., Grand Rapids, Mich.
 Postindex Co., Inc., Jones & Gifford Ave., Jamestown, N. Y.
 Pressteel Engineering Co., 52 Vanderbilt Ave., New York, N. Y.
 Remington Rand, Inc., Buffalo, N. Y.
 Sainberg & Co., Inc., 37-43 W. 26th, New York, N. Y.
 Shaw-Walker Co., Muskegon, Mich.
 Terrells Equipment Co., Grand Rapids, Mich.
 Wagemaker Co., 566 S. Market, Grand Rapids, Mich.
 Warsaw Mfg. Co., Inc., 35 York, Brooklyn, N. Y.
 Watson Mfg. Co., Jamestown, N. Y.
 Weis Mfg. Co., Union, Monroe, Mich.
 Wilson Memindex Co., 163 St. Paul, Rochester, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

162 FILES, CENTRAL

Acme Card System Co., 8 S. Michigan, Chicago, Ill.
 Automatic File & Index Co., 427 W. Randolph, Chicago, Ill.
 Berger Mfg. Co., 1038 Belden Ave., Canton, O.
 Edwards Co., Inc., O. M., 50 Church St. New York, N. Y.
 Findex Co., 1560 W. Pierce, Milwaukee, Wis.
 General Fireproofing Co., Youngstown, O.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Le Febure Corporation, Cedar Rapids, Ia.
 Metal Office Furniture Co., Grand Rapids, Mich.
 MORAN, B. T., INC., 400 N. Michigan Ave., Chicago, Ill.
 Postindex Co., Inc., Jones & Gifford Ave., Jamestown, N. Y.
 Pressteel Engineering Corporation, 52 Vanderbilt Ave., New York, N. Y.
 Remington Rand, Inc., Buffalo, N. Y.
 Ross-Gould Co., 309 N. 10th, St. Louis, Mo.
 Shaw-Walker Co., Muskegon, Mich.
 Watson Mfg. Co., Jamestown, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

163 FILES, CHECK

Amberg File & Index Co., 1400 Fulton, Chicago, Ill.
 Automatic File & Index Co., 427 W. Randolph, Chicago, Ill.
 Berger Mfg. Co., 1038 Belden Ave., Canton, O.
 Browne-Morse Co., Broadway, Muskegon Heights, Mich.
 Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 Edwards Co., Inc., O. M., 50 Church St., New York, N. Y.
 General Fireproofing Co., Youngstown, Ohio.
 Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Horder's, Inc., 231 S. Jefferson, Chicago, Ill.
 Invincible Metal Furniture Co., Manitowoc, Wis.
 Kay-Dee Co., 3644 S. 36th, Lincoln, Neb.

Le Febure Corporation, Cedar Rapids, Ia.
 Macey Company, The, 1520 Division Ave., S., Grand Rapids, Mich.
 Pressteel Engineering Corporation, 52 Vanderbilt Ave., New York, N. Y.
 Remington Rand, Inc., Buffalo, N. Y.
 Shaw-Walker Co., Muskegon, Mich.
 Wagemaker Co., 566 S. Market, Grand Rapids, Mich.
 Watson Mfg. Co., Jamestown, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

164 FILES, CORRESPONDENCE

Allen-Marshall Co., Ivan, 40 Marietta, Atlanta, Ga.
 Automatic File & Index Co., 427 W. Randolph, Chicago, Ill.
 Berger Mfg. Co., 1038 Belden Ave., Canton, O.
 Bushong & Co., Inc., Park & Stark, Portland, Ore.
 Buxton & Skinner Printing & Stationery Co., 306 N. 4th, St. Louis, Mo.
 Currier Manufacturing Co., Inc., North Western Terminal, Minneapolis, Minn.
 Dameron-Pierson Company Ltd., 400 Camp, New Orleans, La.
 Dibb Mfg. Co., Inc., 4054 N. Broadway, Robbinsdale, Minn.
 Dow Co., Louis F., 2242 University Ave., St. Paul, Minn.
 Edwards Co., Inc., O. M., 50 Church St., New York, N. Y.
 General Fireproofing Co., Youngstown, Ohio.
 Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Invincible Metal Furniture Co., Manitowoc, Wis.
 The Joplin Printing Co., Inc., 509-15 Joplin, Joplin, Mo.
 The Kay-Dee Co., 3644 S. 36th, Lincoln, Neb.
 Koeh Bros., 4th & Grand, Des Moines, Ia.
 Le Febure Corporation, Cedar Rapids, Ia.
 Lexington Desk Co., Inc., 158 E. 42nd, New York, N. Y.
 Macey Co., The, 1520 Division Ave., S., Grand Rapids, Mich.
 Northwestern Furniture Co., 271 W. Water, Milwaukee, Wis.
 Paulson & Co., Inc., Arthur, 200 Broadway, New York, N. Y.
 Remington Rand, Inc., Buffalo, N. Y.
 Shaw-Walker Co., Muskegon, Mich.
 Terrells Equipment Co., Grand Rapids, Mich.
 Wagemaker Co., 566 S. Market, Grand Rapids, Mich.
 Watson Mfg. Co., Jamestown, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

165 FILES, CREDIT

Acme Card System Co., 8 S. Michigan, Chicago, Ill.
 Automatic File & Index Co., 427 W. Randolph, Chicago, Ill.
 Edwards Co., Inc., O. M., 50 Church St., New York, N. Y.
 General Fireproofing Co., Youngstown, Ohio.
 Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Le Febure Corporation, Cedar Rapids, Ia.
 Macey Company, The, 1520 Division Ave., S., Grand Rapids, Mich.
 Pressteel Engineering Corporation, 52 Vanderbilt Ave., New York, N. Y.
 Remington Rand, Inc., Buffalo, N. Y.
 The Shaw-Walker Co., Muskegon, Mich.
 Watson Mfg. Co., Jamestown, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

166 FILES, CUT

Automatic File & Index Co., 427 W. Randolph, Chicago, Ill.
 General Fireproofing Co., Youngstown, O.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Grant & Co., Harlo R., 2322 W. Madison, Chicago, Ill.
 Remington Rand, Inc., Buffalo, N. Y.
 The Shaw-Walker Co., Muskegon, Mich.
 Watson Mfg. Co., Jamestown, N. Y.

167 FILES, DEPOSIT TICKET

Beck Specialty Co., Waterloo, Iowa.
 Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Kay-Dee Co., 3644 S. 36th, Lincoln, Neb.
 Remington Rand Inc., Buffalo, N. Y.
 The Shaw-Walker Co., Muskegon, Mich.
 Watson Mfg. Co., Jamestown, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

168 FILES, DESK DRAWER

Automatic File & Index Co., 427 W. Randolph, Chicago, Ill.
 General Fireproofing Co., Youngstown, O.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Le Febure Corporation, Cedar Rapids, Ia.
 Remington Rand Inc., Buffalo, N. Y.
 The Shaw-Walker Co., Muskegon, Mich.
 Swaystop Co., 1123 Mulford, Evanston, Ill.
 Wagemaker Co., 566 S. Market, Grand Rapids, Mich.
 Watson Mfg. Co., Jamestown, N. Y.
 Wilson Memindex Co., 163 St. Paul, Rochester, N. Y.

169 FILES, DOCUMENT
 (See also Files, Steel)

Art Steel Co., Inc., 401 E. 23d, New York, N. Y.
 Automatic File & Index Co., 427 W. Randolph, Chicago, Ill.
 Dibb Mfg. Co., 4054 N. Broadway, Robbinsdale, Minn.
 Edwards Co., Inc., 50 Church St., New York, N.Y.
 General Fireproofing Co., Youngstown, Ohio.
 Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Invincible Metal Furniture Co., Manitowoc, Wis.
 Le Febure Corporation, Cedar Rapids, Ia.
 Macey Co., The, 1520 Division Ave., S., Grand Rapids, Mich.
 Remington Rand, Inc., Buffalo, N. Y.
 The Shaw-Walker Co., Muskegon, Mich.
 Watson Mfg. Co., Jamestown, N. Y.
 Yawman & Erbe Mfg. Co., Union, Monroe, Mich.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

170 FILES, SIGNATURE

Acme Card System Co., 8 S. Michigan, Chicago, Ill.
 Automatic File & Index Co., 427 W. Randolph, Chicago, Ill.
 Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 Edwards Co., Inc., 50 Church St., New York, N.Y.
 General Fireproofing Co., Youngstown, Ohio.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Le Febure Corporation, Cedar Rapids, Ia.
 Postindex Co., Inc., Jones & Gifford Ave., Jamestown, N. Y.
 Presteel Engineering Corporation, 52 Vanderbilt Ave., New York, N. Y.
 Remington Rand, Inc., Buffalo, N. Y.
 Richmond & Backus Co., Woodward at Congress, Detroit, Mich.
 Schwabacher-Frey Co., 735 Market, San Francisco, Calif.
 Shaw-Walker Co., Muskegon, Mich.
 Stuart-Hooper Co., 5431 S. Wabash Ave., Chicago, Ill.
 Watson Mfg. Co., Jamestown, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.
 Young & Selden Co., Calvert & Saratoga, Baltimore, Md., Philadelphia and Pittsburgh.

171 FILES, STEEL

Automatic File & Index Co., 427 W. Randolph, Chicago, Ill.
 Berger Mfg. Co., 1038 Belden Ave., Canton, Ohio.
 General Fireproofing Co., Youngstown, Ohio.
 Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Invincible Metal Furniture Co., Manitowoc, Wis.
 The Kay-Dee Co., 3644 S. 36th, Lincoln, Neb.
 Le Febure Corp., Cedar Rapids, Iowa.
 Macey Co., The, 1520 Division Ave., S., Grand Rapids, Mich.
 Meilink Steel Safe Co., 1672 Oakwood Ave., Toledo, Ohio.
 Metal Office Furniture Co., Grand Rapids, Mich.
 Metal Products Co., 815 East Ave., Red Wing, Minn.
 Presteel Engineering Corporation, 52 Vanderbilt Ave., New York, N. Y.
 Remington Rand, Inc., Buffalo, N. Y.
 Shaw-Walker Co., Muskegon, Mich.
 Terrells Equipment Co., Grand Rapids, Mich.
 Watson Mfg. Co., Jamestown, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

172 FILES, STORAGE, COLLAPSIBLE

Bankers Box Co., 536 S. Clark, Chicago, Ill.
THE BANKETTE COMPANY, 88 Broad St., Boston, Mass. (See our adv. on this page.)
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Jones & Son, Fred H., 2340 N. Racine Ave., Chicago, Ill.
 The Kay-Dee Co., 3644 S. 36th, Lincoln, Neb.
 The Shaw-Walker Co., Muskegon, Mich.
 Strayer Coin Bag Co., 1028-4th Ave., New Brighton, Pa.

173 FILES, WOOD

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

FILMS, MOTION PICTURE
 (See Advertising, Motion Picture)

174 FINGER PRINT OUTFITS

Flak Finger Print System Co., 1 Liberty, New York, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Joy St., Rochester, N. Y.

175 FIRE ALARMS

American District Telegraph Co., 155 6th Ave., New York, N. Y.
 Auto-Call Co., Shelby, Ohio.
 Patrick & Wilkins Co., 51 N. 7th, Philadelphia, Pa.

176 FIREARMS

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

177 FIRE EXTINGUISHERS

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

FIREPROOF SAFES
 (See Safes, Fire & Burglar Proof)

178 FIXTURES, BANDIT RESISTANT

Buffalo Wire Works Co., Inc., 560 Terrace, Buffalo, N. Y.
 Federal Laboratories, Inc., 185 41st. Street, Pittsburgh, Pa.

ST. LOUIS BANK BUILDING & EQUIPMENT CO., 906 Sidney St., St. Louis, Mo.
 Wise Co., Inc., The J. H., 911 Syndicate Trust Bldg., St. Louis, Mo.

179 FIXTURES, BANK & OFFICE

Aetna Cabinet Co., 321-329 W. Maryland, Indianapolis, Ind.
 Allen-Marshall Co., Ivan, 40 Marietta, Atlanta, Ga.
 American Bankbuilding Construction Co., 1201 E. Georgia, Indianapolis, Ind.
 American Fixture Co., 16th & Bellefontaine, Kansas City, Mo.
 American Iron & Wire Works, 1621 Carroll, Chicago, Ill.
 Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Baldwin Brass Works, 321 S. California Ave., Chicago, Ill.
 Buffalo Wire Works Co., Inc., 577 Terrace, Buffalo, N. Y.
 Bush Co., Inc., James S., 9-15 Park Place, New York, N. Y.
 California Art Metal & Wire Co., 349 7th, San Francisco, Calif.
 Canton Art Metal Co., 2820 Winfield Way, N. E., Canton, O.
 Chicago Architectural Bronze Co., 1948 W. Ohio, Chicago, Ill.
 Claus Mfg. Co., A., 5250 Brookpark Rd., Cleveland, Ohio.
 Clear Vision Counters, Inc., 619 14th St., Washington, D. C.
 Collins Safe & Fixture Co., 513 W. Main, W. D., Denison, Tex.

Davidson & Co., J. L., 632-48 Mateo, Los Angeles, Calif.

Edwards Co., Inc., O. M., 50 Church St., New York, N. Y.
 Ehrlich & Sons Mfg. Co., H., Colo. & Lake, St. Joseph, Mo.
 Fisher Co., Charles City, Iowa.
 Flour City Ornamental Iron Co., 27th Ave. & 27th St., Minneapolis, Minn.
 General Bronze Corp., 3744 N. Booth, Milwaukee, Wis.
 General Fireproofing Co., Youngstown, O.
 Georgia Show Case Co., West End, Montgomery, Ala.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Grammes & Sons, L. F., Allentown, Pa.
 Heath Co., J. S., 2110 Commonwealth Ave., No. Chicago, Ill.
 Houston Show Case & Mfg. Co., Center & Harvard, Houston, Tex.
 Illinois Bronze & Iron Works, 915-23 S. Kildare Ave., Chicago, Ill.
 Jamestown Metal Equipment Co., Inc., 1088 Allen, Jamestown, N. Y.
 Krueger Mfg. Co., 1316 Lakewood Ave., Atlanta, Ga.
 Llewellyn Iron Works Co., Los Angeles, Calif.
 Mailander & Co., 601 Jackson, Waco, Tex.
 Michaels Art Bronze Co., Inc., 231-239 Court, Covington, Ky.
 Miller Bank Fixture Co., Geo. W., Washington, D. C.
 Mitchell Mfg. Co., Robt., 2d & John, Cincinnati, O.
 Mount & Robertson, Inc., 62 Broad, New York, N. Y.
 Mullen Mfg. Co., 60 Rausch, San Francisco, Cal.
 Muller Bk. Fixture Co., Geo. W., Metropolitan Bank Bldg., Washington, D. C.
 Nachteggall Mfg. Co., 237-45 S. Front, Grand Rapids, Mich.
 Ohmer, Inc., Alfred A. & Robert F., 113 N. Jefferson St., Dayton, O.
 Oregon Brass Works, 2d & Everett, Portland, Ore.
 Poole, John, Care Clear Vision Counters, Inc., 619 14th St., Washington, D. C.
 Remington Rand, Inc., Buffalo, N. Y.
 St. Louis Bank Bldg. & Equipment Co., 906 Sidney, St. Louis, Mo.
 The Shaw-Walker Co., Muskegon, Mich.
 Schick-Johnson Co., 1737 N. Paulina, Chicago, Ill.
 Southern Brass Mfg. & Plating Co., 6614 Harrisburg Blvd., Houston, Tex.
 Standard Iron & Wire Works, 510-12 E. 10th, Chattanooga, Tenn.
 Steel Fixture Mfg. Co., E. 7th & Adams, Topeka, Kan.
 Tyler Co., W. S., 3615 Superior Ave., Cleveland, Ohio.
 Usons Mfg. Co., 3512 Chouteau, St. Louis, Mo.
 Watson Mfg. Co., Jamestown, N. Y.
 Williams, Inc., Jno., 542 W. 27th, New York, N. Y.
 Wise Co., Inc., The J. H., 911 Syndicate Trust Bldg., St. Louis, Mo.
 Womack & Sons, J. P., Inc., Lakewood Ave., Atlanta, Ga.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

180 FIXTURES, LIGHTING

Biddle-Gaumer Company, 3846 Lancaster Ave., Philadelphia, Pa.
 Cassidy Co., Inc., 101 Park Ave., New York, N. Y.
 Curtis Lighting, Inc., 1123 W. Jackson, Chicago, Ill.
 Danne, Harold A., 41 Park Row, New York, N. Y.
 Faries Mfg. Co., 1036 E. Grand Ave., Decatur, Ill.
 Frink Corp., 23-10 Bridge Plaza So., Long Island City, N. Y.
 General Electric Co., Bridgeport, Conn.
 Graybar Electric Co., Graybar Bldg., New York, N. Y.
 Guth Co., Edwin F., 2615 Washington Blvd., St. Louis, Mo.
 Holophane Co., Inc., 342 Madison Ave., New York, N. Y.
 Horn & Brannen Mfg. Co., 327 Broad, Philadelphia, Pa.
 Jefferson Glass Co., State, Follansbee, W. Va.
 McCann, H. F., 746 Madison Ave., New York, N. Y.

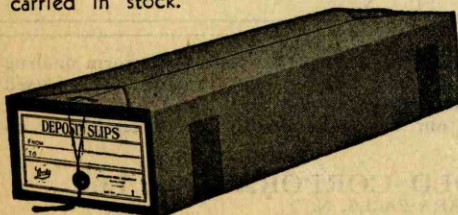


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BOSTON

FIXTURES, LIGHTING—Continued

McFaddin & Co., Inc., H. G., 40 Warren, New York, N. Y.
 Mitchell Co., The, Middlesboro, Ky.
 Pearlman & Co., S. Victor, 535 S. Wabash, Chicago, Ill.
 Pittsburgh Reflector Co., 403-411 Oliver Bldg., Pittsburgh, Pa.
 Plaut & Co., Inc., L., 430 E. 23d, New York, N. Y.
 Reflector & Illuminating Co., 1431-35 W. Austin Ave., Chicago, Ill.
 Shapiro & Aronson, Inc., 20 Warren, New York, N. Y.
 Viking Products Corp., 422 W. 42d, New York, N. Y.
 Western Electric Co., 195 Broadway, New York, N. Y.
 Westinghouse Electric & Mfg. Co., East Pittsburgh, Pa.
 Westinghouse Lamp Co., 150 Broadway, New York, N. Y.

181 FIXTURES, MARBLE

(See also Fixtures, Bank & Office)

Appalachian Marble Co., Knoxville, Tenn.
 Bradbury Marble Co., 3401 Morganford Rd., St. Louis, Mo.
 Carthage Marble Corporation, P. O. Drawer 612, Carthage, Mo.
 Georgia Marble Co., Tate, Ga.
 National Assn. of Marble Dealers, Rockefeller Bldg., Cleveland, O.

FIXTURES, WOOD

(See Woodwork; also Fixtures, Bank & Office)

182 FLOODLIGHTING

General Electric Co., Nela Park, Cleveland, Ohio.
 Pittsburgh Reflector Co., 403-411 Oliver Bldg., Pittsburgh, Pa.
 Reflector & Illuminating Co., 1431-35 W. Austin Ave., Chicago, Ill.
 Westinghouse Electric & Mfg. Co., E. Pittsburgh, Pa.

183 FLOORING

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

FOLDERS, COIN

(See Coin Folders)

184 FOLDERS, FILING

(See also Envelopes and Supplies, Filing)

Ames Safety Envelope Co., 610 Atlantic Ave., Boston, Mass.
 Bushnell Co., Alvah, 13th & Wood, Philadelphia, Pa.
 Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Gulf Envelope Co., Brooks at Freeman, Houston, Tex.
 Invincible Metal Furniture Co., Manitowoc, Wis.
 Le Febure Corporation, Cedar Rapids, Ia.
 Macey Co., The, 1520 Division Ave., S., Grand Rapids, Mich.
 Remington Rand, Inc., Buffalo, N. Y.
 Security Envelope Co., 2900 Fifth Ave., Minneapolis, Minn.
 Shaw-Walker Co., Muskegon, Mich.
 Smead Mfg. Co., 309 Second, Hastings, Minn.
 Wabash Cabinet Co., Wabash, Ind.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

FOLDING MACHINES

(See Machines, Folding)

185 FORMS, ACCOUNTING

(See also Forms, Machine Bookkeeping)

Cadwallader & Johnson 844 Rush St. Chicago, Ill.
 Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 Ft. Wayne Ptg. Co., 115 E. Brackenridge, Ft. Wayne, Ind.
 Horder's, Inc., 231 S. Jefferson, Chicago, Ill.
 Lloyd Co., W. C., 626 S. Clark, Chicago, Ill.
 Mann Co., Wm., 529 Market, Philadelphia, Pa.
 Martell Co., A. E., Keene, N. H.
 McDonald Ledger & Loose Leaf Co., 1809 Summerdale, Chicago, Ill.
 Remington Rand, Inc., Buffalo, N. Y.
 The Shaw-Walker Co., Muskegon, Mich.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

186 FORMS, BANK

(See also Stationers, Manufacturing, and specific headings)

Aetna Stationers, Inc., 622 E. 67th, Chicago, Ill.
 American Bank Note Co., 118-132 E. Cullerton, Chicago, Ill.
 American Bank Stationery Co., Curtin, Aiken, Hargest and Aisquith Sts. Baltimore, Md.

American Bindery Corp., 1310 Maple, Detroit, Mich.

American Envelope and Printing Co., 229 N. 63rd, Philadelphia, Pa.

American Sales Book Co., Ltd., Elmira, N. Y.
 Ames Safety Envelope Co., 610 Atlantic Ave., Boston, Mass.

Arkansas Printing & Lithographing Co., 1000 Center, Little Rock, Ark.

Banco-General Printing Co., 836 Montgomery, San Francisco, Calif.

Bankers Standardization Bureau of Brown Blodgett Co., University at Wheeler, St. Paul, Minn.

Barnard Stationery Co., Geo. D., 3863 Laclede Ave., St. Louis, Mo.

Boorum & Pease Co., 84 Hudson Ave., Brooklyn, N. Y.

Brown-Blodgett Co., 1745 University Ave., St. Paul, Minn.

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

Clark Service (div. of Clark Prntg. House, Inc.) 821 Cherry, Philadelphia, Pa.

Cockrum Printing Co., J. W., Oakland City, Ind.

Columbian Bank Note Co., 500 S. Ashland, Chicago, Ill.

Columbus Bank Note Co., 40 E. Spring, Columbus, Ohio.

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

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

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

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

Exline Co., 113 St. Clair Ave., N. E., Cleveland, O.

Farnham Printing & Stationery Co., 417-419 Hennepin Ave., Minneapolis, Minn.

Ft. Wayne Printing Co., 115 E. Brackenridge, Ft. Wayne, Ind.

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

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

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

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

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

Hub Mfg. Co., J. C., 1760 E. 22nd, Cleveland, O.

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

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

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

Kansas Bank Note Co., Fredonia, Kan.

Kellogg & Bulkeley Co., Hartford, Conn.

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

Le Febure Corp., Cedar Rapids, Iowa.

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

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

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

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

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

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

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

National Carbon Coated Paper Co., Sturgis, Mich.

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

Oxford Filing Supply Co., 340 Morgan Ave., Brooklyn, N. Y.

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

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

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

Prims & Sons, Inc., Geo., 730-740 W. Center, Pocatello, Idaho.

Protectu Bank-Note Corp., 4048-4058 Schubert Ave., Chicago, Ill.

Remington Rand, Inc., Buffalo, N. Y.

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

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

Richmond & Backus Co., Detroit, Mich.

Schwabacher-Frey Co., 735 Market, San Francisco, Calif.

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

Shaw-Walker Co., Muskegon, Mich.

Shelby Salesbook Co., High School Ave., Shelby, O.

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

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

Smith Ptg. Co., 225-239 E. 3d, Williamsport, Pa.

Southern States Printing Co., Inc., 120 E. Taylor, Griffin, Ga.

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

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

Standard Printing Co., 201-205 N. 3rd, Hannibal, Mo.

St. Louis Lithographing Co., 312 N. Third, St. Louis, Mo.

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

Sunset Press, 1045 Sansome, San Francisco, Cal

Swinney Ptg. Co., Fort Branch, Ind.

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

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

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

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

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

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

Watt & Gillogly Inc., 105 S. Dearborn, Chicago, Ill.

Widman & Sons Co., J. F., McGregor, Iowa.

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

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

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

Workman Manufacturing Co., 1200 W. Monroe, Chicago, Ill.

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

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

187 FORMS, BANKING-BY-MAIL

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

188 FORMS, BUILDING AND LOAN

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

O. K. Press, 2301 S. Kedzie, Chicago, Ill.

Remington Rand, Inc., Buffalo, N. Y.

The Shaw-Walker Co., Muskegon, Mich.

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

189 FORMS, CARD

(See also Systems, Filing, Card)

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

Automatic File & Index Co., 427 W. Randolph, Chicago, Ill.

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

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

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

Postindex Co., Inc., Jones & Gifford, Ave. James-town, N. Y.

Pressteel Engineering Co., 52 Vanderbilt Ave., New York, N. Y.

Remington Rand, Inc., Buffalo, N. Y.

Shaw-Walker Co., Muskegon, Mich.

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

190 FORMS, CONTINUOUS

American Sales Book Ltd., Elmira, N. Y.

Gilkey Printing Co., W. S., 608 S. Dearborn, Chicago, Ill.

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

Hamilton Autographic Register Co., 802 Symmes Ave., Hamilton, O.

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

McDonald Ledger & Loose Leaf Co., 1809 Summerdale, Chicago, Ill.

Remington Rand, Inc., Buffalo, N. Y.

The Shaw-Walker Co., Muskegon, Mich.

Stylograph Corp., The, Scottsville Rd., Rochester, N. Y.

Vawter Manifold Co., Benton Harbor, Mich.

191 FORMS, LEDGER

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

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

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

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

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

Le Febure Corp., Cedar Rapids, Iowa.

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

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

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

McDonald Ledger & Loose Leaf Co., 1809 Summerdale, Chicago, Ill.

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

Remington Rand, Inc., Buffalo, N. Y.

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

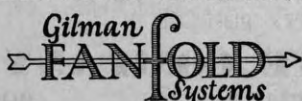
The Shaw-Walker Co., Muskegon, Mich.

Tallman Robbins & Co., 314 W. Superior, Chicago, Ill.

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

UNIT ACCOUNTING

GILMAN FANFOLD CORPORATION, LTD.



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

192 FORMS, LEDGER, CERTIFICATE OF DEPOSIT

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

193 FORMS, LOOSE LEAF

American Sales Book Co., Ltd., Elmira, N. Y.
 Cockrum Printing Co., J. W., Oakland City, Ind.
 Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 Doubleday Bros. & Co., 241 E. Michigan Ave., Kalamazoo, Mich.
 Grand Rapids Loose Leaf Binder Co., 10-16 Logan S. W., Grand Rapids, Mich.
 Hall Lithographing Co., 623 Kansas Ave., Topeka, Kan.
 Horder's, Inc., 231 S. Jefferson, Chicago, Ill.
 Hub Mfg. Co., J. C., 1760 E. 22nd., Cleveland, O.
 Kennedy Printing Co., 609-611 Monroe, Fredonia, Kan.
 Lefax (Inc.), 9th & Samson, Philadelphia, Pa.
 Le Febure Corp., Cedar Rapids, Iowa.
 Mann Co., Wm., 529 Market, Philadelphia, Pa.
 Martell Co., A. E., Keene, N. H.
 McDonald Ledger & Loose Leaf Co., 1809 Summerdale, Chicago, Ill.
 Remington Rand, Inc., Buffalo, N. Y.
 The Shaw-Walker Co., Muskegon, Mich.
 Shelby-Salesbook Co., High School Ave., Shelby, O.
 Sheppard Co., C. E., 4401 21st, Long Island City, N. Y.
 Southern States Printing Co., Inc., The, 120 E. Taylor, Griffin, Ga.
 Sunset Press, 1045 Sansome, San Francisco, Cal.
 Tallman Robbins & Co., 314 W. Superior, Chicago, Ill.
 Watt & Gillogly, Inc., 105 S. Dearborn, Chicago, Ill.
 Wilson-Jones Co., 3300 Franklin, Chicago, Ill.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

194 FORMS, MACHINE BOOKKEEPING

Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 Ft. Wayne Printing Co., 115 E. Brackenridge, Ft. Wayne, Ind.
 Horder's, Inc., 231 S. Jefferson, Chicago, Ill.
 Le Febure Corp., Cedar Rapids, Iowa.
 Lloyd Co., W. G., 626 S. Clark, Chicago, Ill.
 Mann Co., Wm., 529 Market, Philadelphia, Pa.
 Martell Co., A. E., Keene, N. H.
 McDonald Ledger & Loose Leaf Co., 1809 Summerdale, Chicago, Ill.
 Remington Rand, Inc., Buffalo, N. Y.
 Richmond & Backus Co., Woodward at Congress, Detroit, Mich.
 Shaw-Walker Co., Muskegon, Mich.
 Smith Printing Co., 225-239 E. Third, Williamsport, Pa.
 Stylograph Corp., The, Scottsville Rd., Rochester, N. Y.
 Wilson-Jones Co., 3300 Franklin, Chicago, Ill.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

195 FORMS, RUBBER STAMP

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

FORMS, SAVINGS DEPARTMENT
 (See Forms, Bank)

196 FORMS, TRUST DEPARTMENT

(See also Forms, Bank)

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

FOUNTAIN PENS
 (See Pens, Fountain)

197 FRAMES, POSTER

Blodgett Co., Harvey, 551 5th Ave., New York, N. Y.
 Davenport-Taylor Corp., 412 Orleans, Chicago, Ill.
 Elliott Service Co. Inc., 242-250 W. 55th, New York, N. Y.

198 FURNITURE, BANK & OFFICE

Aetna Cabinet Co., 321-329 W. Maryland, Indianapolis, Ind.
 Allen-Marshall Co., Ivan, 40 Marietta, Atlanta, Ga.
 Amberg File & Index Co., 1400 Fulton, Chicago, Ill.
 American Bank Supply, 628 N. Illinois, Indianapolis, Ind.
 Angle Steel Stool Co., Inc., 2 Oak St., Plainwell, Mich.
 Art Metal Products Co., 514 S. Green, Chicago, Ill.
 Automatic File & Index Co., 427 W. Randolph, Chicago, Ill.

Canton Art Metal Co., 2820 Winfield Way, N. E., Canton, Ohio.
 Clementsen Co., 3401 W. Division, Chicago, Ill.
 Collins Safe & Fixture Co., W. D., 513 W. Main, Denison, Tex.
 Dameron-Pierson Company, Ltd., 400 Camp, New Orleans, La.
 Doten Dunton Desk Co., 210 Broadway, Cambridge, Mass.
 Dow Co., Louis F., 2242 University Ave., St. Paul, Minn.
 Edwards Co., Inc., O. M., 50 Church St., New York, N. Y.
 Ehrlich & Sons Mfg. Co., H., Colo. & Lake, St. Joseph, Mo.
 Foote & Davies Co., Edgewood & Pryor, Atlanta, Ga.
 General Fireproofing Co., Youngstown, Ohio.
 Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Hoosier Desk Co., 310 S. Mill, Jasper, Ind.
 Horne Desk & Furniture Co., Inc., 89 N. Pryor, Atlanta, Ga.
 Imperial Desk Co., 1343 W. Florida, Evansville, Ind.
 Inter Ocean Cabinet Co., 326 S. Paulina, Chicago, Ill.
 Invincible Metal Furniture Co., Manitowoc, Wis.
 Jamestown Metal Equipment Co., Inc., 1088 Allen, Jamestown, N. Y.
 Johnson Chair Co., 4401 North Ave., Chicago, Ill.
 Karpen & Bros., S., 801 Wabash Ave., Chicago, Ill.
 Krueger Mfg. Co., 1316 Lakewood Ave., Atlanta, Ga.
 Le Febure Corporation, Cedar Rapids, Ia.
 Macey Co., The, 1520 Division Ave., S., Grand Rapids, Mich.
 Mailander & Co., 601 Jackson, Waco, Tex.
 Metal Office Furniture Co., Grand Rapids, Mich.
 Miller-Davis Co., 219 S. 4th, Minneapolis, Minn.
 Milwaukee Chair Co., The, 666 Lake Shore Dr., Chicago, Ill.
 Ohmer, Inc., A. A. & R. F., 113 N. Jefferson, Dayton, O.
 Orthwine, R., 344 W. 34th, New York, N. Y.
 Remington Rand, Inc., Buffalo, N. Y.
 Richmond & Backus Co., Woodward at Congress, Detroit, Mich.
 Shaw-Walker Co., Muskegon, Mich.
 Steel Equipment Corp., Avenel, N. J.
 Steel Fixture Mfg. Co., E. 7th & Adams, Topeka, Kan.
 Stow & Davis Furniture Co., 70 S. Front Ave., Grand Rapids, Mich.
 Taylor Chair Co., Bedford, Ohio.
 Tennessee Furniture Corp., Chattanooga, Tenn.
 Watson Mfg. Co., Jamestown, N. Y.
 Womack & Sons, J. P., Inc., Lakewood Ave., Atlanta, Ga.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

FURNITURE, MARBLE

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

199 FURNITURE, METAL

Adams, Grosbeck, Mirabella Co., 70 Gold St., New York, N. Y.
 Allen-Marshall Co., Ivan, 40 Marietta, Atlanta, Ga.
 Angle Steel Stool Co., Inc., 2 Oak, Plainwell, Mich.
 Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Art Metal Products Co., 514 S. Green, Chicago, Ill.
 Berger Mfg. Co., 1038 Belden Ave., Canton, O.
 Canton Art Metal Co., 2820 Winfield Way, N. E., Canton, Ohio.
 Davidson Co., J. L., 632-648 Mateo, Los Angeles, Cal.
 Edwards Co., Inc., O. M., 50 Church St., New York, N. Y.
 Fritz-Cross Chair Co., 300 E. 4th, St. Paul, Minn.
 General Fireproofing Co., Youngstown, Ohio.
 Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Invincible Metal Furniture Co., Manitowoc, Wis.
 Jamestown Metal Equipment Co., Inc., 1088 Allen, Jamestown, N. Y.
 Le Febure Corporation, Cedar Rapids, Ia.
 Lexington Desk Co., Inc., 158 E. 42nd, New York, N. Y.
 Macey Co., The, 1520 Division Ave., S., Grand Rapids, Mich.
 Metal Office Furniture Co., Grand Rapids, Mich.
 Orthwine, R., 344 W. 34th, New York, N. Y.
 Remington Rand, Inc., Buffalo, N. Y.
 Shaw-Walker Co., Muskegon, Mich.
 Steel Equipment Corp., Avenel, N. J.
 Toledo Metal Furniture Co., 1100 Hastings, Toledo, Ohio.
 Watson Mfg. Co., Jamestown, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

FURNITURE, VAULT
 (See Equipment, Vault)

G

200 GLASS, BULLET-PROOF

Hi-Way Alarm Co., Cedarburg, Wis.
 Indestructo Glass Corporation, Farmingdale, N. Y.
 Safetex Glass Co., 905 N. Broad, Philadelphia, Pa.
 Safety Corp., The, Adena, Ohio.

GLASS SIGNS
 (See Signs, Glass)

201 GLOBES

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

202 GLUE

(See also Supplies, Bank & Office)

Keller Ink Co., Robert, 1441 Brooklyn Ave., Detroit, Mich.
 Russia Cement Co., 1500 S. Western Ave., Chicago, Ill.
 Scriptex Ink & Paste Co., 519-21 S. Second, Philadelphia, Pa.

GOLD LETTERING
 (See Lettering, Gold)

203 GRILLE WORK

Acme Wire and Iron Works, 12340 Cloverdale, Detroit, Mich.
 American Bronze Co., 1316 W. 63rd, Chicago, Ill.
 American Fixture Co., 16th & Bellefontaine, Kansas City, Mo.
 American Iron & Wire Works, 1621 Carroll, Chicago, Ill.
 Art In Bronze Co., Inc., 1621 E. 41st, Cleveland, O.
 Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Atlas Bronze Mfg. Co., 2640-2648 N. Maplewood Ave., Chicago, Ill.
 Baldwin Brass Works, 321 S. California Ave., Chicago, Ill.
 Buffalo Wire Works Co., Inc., 577 Terrace, Buffalo, N. Y.
 Bush Co., Inc., James S., 9-15 Park Pl., New York, N. Y.
 Chicago Architectural Bronze Co., 1948 W. Ohio, Chicago, Ill.
 The A. Claus Mfg. Co., 5250 Brookpark Rd., Cleveland, O.
 Davidson Co., J. L., 632-648 Mateo, Los Angeles, Cal.
 Flour City Ornamental Iron Co., 27th Ave. and 27th, Minneapolis, Minn.
 General Bronze Corp., 3744 N. Booth, Milwaukee, Wis.
 Guth Co., Edwin F., 2615 Washington Blvd., St. Louis, Mo.
 Harsch Bronze & Foundry Co., John, 11612 Madison Ave., Cleveland, O.
 Jamestown Metal Equipment Co., Inc., 1088 Allen, Jamestown, N. Y.
 Mailander & Co., 601 Jackson, Waco, Tex.
 Michaels Art Bronze Co., Inc., 231-239 Court, Covington, Ky.
 Mitchell Mfg. Co., Robert, Second & John, Cincinnati, Ohio.
 Mount & Robertson, Inc., 62 Broad, New York, N. Y.
 Mullen Mfg. Co., 60 Rausch San Francisco, Cal.
 Nachtgall Mfg. Co., 237-45 S. Front, Grand Rapids, Mich.
 Ohmer, Inc., A. A. & R. F., 113 N. Jefferson, Dayton, O.
 Oregon Brass Works, 2d & Everett, Portland, Ore.
 PRICE BROS., INC., 2644 N. Maplewood Ave., Chicago, Ill.
 Southern Brass Mfg. & Plating Co., 6614 Harrisburg Blvd., Houston, Tex.
 Standard Iron & Wire Works, 510-12 E. 10th, Chattanooga, Tenn.
 Steel Fixture Mfg. Co., E. 7th & Adams, Topeka, Kan.
 Tyler Co., W. S., 36th & Superior, Cleveland, O.
 Usona Mfg. Co., 3612 Chouteau, St. Louis, Mo.
 Watson Mfg. Co., Jamestown, N. Y.
 Williams, Inc., Jno., 542 W. 27th, New York, N. Y.
 Womack & Sons, J. P., Inc., Lakewood Ave., Atlanta, Ga.

204 GUIDES, INDEX
 (See also Supplies, Filing)

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

GUMMED TAPE SEALING MACHINES
 (See Machines, Sealing, Gummed Tape)

H

HOLDERS, COIN, PASTEBOARD
 (See Coin Folders)

HOLDERS, LOOSE LEAF

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

205 HOLDERS, RUBBER STAMP

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

206 HOLDERS, STENO, NOTEBOOK

Acco Products Inc., 39th Ave. & 24th St., Long Island City, N. Y.
 American Electric Co., Inc., 6401 S. State, Chicago, Ill.
 Le Febure Corporation, Cedar Rapids, Ia.
 Pittsburgh Typewriter & Supply Co., 339 5th Ave., Pittsburgh, Pa.
 Remington Rand, Inc., Buffalo, N. Y.

HOLD-UP ALARMS
 (See Burglar Alarms)

HOME BUDGET SYSTEMS
 (See Systems, Budget, Home)

HOME SAVINGS BANKS
 (See Savings Banks, Home & Pocket)

207 HOUSE ORGANS

(See also Booklets, Advertising)

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

HUSH-A-PHONES
 (See Telephone Attachments)

IDENTIFICATION APPARATUS
 (See Finger Print Outfits)

IDENTIFICATION APPARATUS, PHOTOGRAPHIC
 (See Photographic Identification Apparatus)

INCOME TAX SERVICE
 (See Service, Tax)

208 INCORPORATION PROCEDURE

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

INDEXES, CARD
 (See Files, Card Index)

209 INDEXES, TELEPHONE

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

210 INDEXING DEVICES

Aigner Co., G. J., 503 S. Jefferson, Chicago, Ill.
 Aluminum Index Co., Edgewater, N. J.
 Automatic File & Index Co., 427 W. Randolph, Chicago, Ill.
 Conway Co., H. H., 725 S. Wells, Chicago, Ill.
 Cook Co., H. C., 16 Beaver, Ansonia, Conn.
 Globe-Wernicke Co., Carthage Ave., Cincinnati, Ohio.
 Le Febure Corp., Cedar Rapids, Iowa.
 Markilo Co., 936 W. 63d, Chicago, Ill.
 Remington Rand, Inc., Buffalo, N. Y.
 Victor Safe & Equipment Co., Marietta, Ohio.
 Wabash Cabinet Co., Wabash, Ind.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

INDUSTRIAL ENGINEERS
 (See Engineers, Industrial)

211 INDUSTRIAL SAVINGS

American Banking Machine Corp., 120 N. Washington Ave., Saginaw, Mich.
 American Beauty Cover Co., 1900 Orange, Dallas, Tex.

212 INK ERADICATORS

Carter's Ink Co., 239 First, Cambridge, Mass.
 Sanford Ink Co., 846 W. Congress, Chicago, Ill.
 Scriptex Ink & Paste Co., 519-21 S. Second, Philadelphia, Pa.

213 INKS

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

214 INKS, DUPLICATING

Arlac Dry Stencil Corp., 424 Fourth Ave., Pittsburgh, Pa.
 Columbia Ribbon & Carbon Mfg. Co., Inc., Glen Cove, Long Island, N. Y.
 Dick Co., A. B., 720 W. Jackson Blvd., Chicago, Ill.
 Ditto, Inc., 2243 W. Harrison, Chicago, Ill.
 Duplico Mfg. Co., New Brunswick, N. J.
 Franklin-Kelly Co., 75 W. Van Buren, Chicago, Ill.
 Marr Duplicator Co., 53 Park Pl., New York, N. Y.
 Rotospeed Co., The, 5th & Wilkinson St., Dayton, O.
 Swisher Mfg. Co., R. D., 411-13 S. Clinton, Chicago, Ill.

215 INKS, RUBBER STAMP

Acme Stamp Co., 1104 Prospect Ave., Cleveland Ohio.
 Bankers Savings & Credit System Co., 10302 Madison Ave., Cleveland, O.
 Brakmeier Bros., 112 S. 4th Ave., Louisville, Ky.
 Carter's Ink Co., 239 First, Cambridge, Mass.
 Darling Co., J. C., 734 Kansas Ave., Topeka, Kan.
 Force & Co., Inc., Wm. A., 105 Worth, New York, N. Y.
 Gibson Co., A. C., Inc., 70 Oak, Buffalo, N. Y.
 Keller Ink Co., Robert, 1441 Brooklyn Ave., Detroit, Mich.
 Sachs-Lawlor Co., 1543 Larimer, Denver, Colo.
 Safford Stamp Works, 205 W. Madison, Chicago, Ill.
 Swisher Mfg. Co., R. D., 411 S. Clinton, Chicago, Ill.

216 INKSTANDS

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

INSPECTION, VAULT
 (See Vault Inspection)

217 INSURANCE, BANKERS' BLANKET BOND

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

218 INSURANCE, BURGLARY

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

219 INSURANCE, CHECK

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

220 INSURANCE, INDEMNITY

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

221 INSURANCE, MAIL

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

222 INSURANCE, PLATE GLASS

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

223 INSURANCE, SAFE DEPOSIT BOX

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

224 INTER-COMMUNICATING SYSTEMS

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

225 INTER-COMMUNICATING TELAUTOGRAPHS

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

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

226 INTEREST TABLES & INTEREST CALCULATORS

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

227 IRON, ARCHITECTURAL AND ORNAMENTAL

Acme Wire and Iron Works, 12340 Cloverdale, Detroit, Mich.
 American Iron & Wire Works, 1621 Carroll Ave., Chicago, Ill.
 Cassidy Co., Inc., 101 Park Ave., New York, N. Y.
 Chicago Architectural Bronze Co., 1948 W. Ohio, Chicago, Ill.
 The A. Claus Mfg. Co., 5250 Brookpark Rd., Cleveland, O.
 Flour City Ornamental Iron Co., 27th Ave. & 27th, Minneapolis, Minn.
 General Bronze Corp., 3744 N. Booth, Milwaukee, Wis.
 Harech Bronze & Fdry. Co., John, 11612 Madison Ave., Cleveland, Ohio.
 Illinois Bronze & Iron Works, 915-23 S. Kildare, Chicago, Ill.
 Krueger Mfg. Co., 1316 Lakewood Ave., Atlanta, Ga.
 Michaels Art Bronze Co., Inc., 231-239 Court, Covington, Ky.
 Mount & Robertson, Inc., 62 Broad, New York, N. Y.
 Portland Wire & Iron Works, 294 Second, Portland, Ore.
 Price, Henry F., 15 E. 40th, New York, N. Y.
 Standard Iron & Wire Works, 510-12 E. 10th, Chattanooga, Tenn.

ROBINSONIAN
INTEREST TABLES

For
 Daily Balances
 Savings Accounts
 Compound Interest
 Bond Values Tables

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

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

Universal Interest Tables 22 different rates, $\frac{1}{8}\%$ to 12%.

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

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 542 S. Dearborn St. CHICAGO

**IRON, ARCHITECTURAL AND
 ORNAMENTAL—Continued**

Steel Fixture Mfg. Co., E. 7th & Adams, Topeka, Kan.
Tyler Co., W. S., 3615 Superior Ave., Cleveland, Ohio.
Watson Mfg. Co., Jamestown, N. Y.
Western Architectural Iron Co., 3455 Elston Ave., Chicago, Ill.
Western Wire & Iron Works Inc., 952 W. 18th Pl., Chicago, Ill.
Williams, Inc., Jno., 542 W. 27th, New York, N. Y.
Womack & Sons, J. P., Inc., Lakewood Ave., Atlanta, Ga.

J

228 JACKETS, PASS BOOK

American Beauty Cover Co., 1900 Orange St., Dallas, Tex.
American Paper Goods Co., Kensington, Conn.
Ames Safety Envelope Co., 610 Atlantic Ave., Boston, Mass.
Berkowitz Envelope Co., 19th & Campbell, Kansas City, Mo.
Bushnell Co., Alvah, 13th & Wood, Philadelphia, Pa.
Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
Exline Co., 113 St. Clair Ave., N. E., Cleveland, O.
Gulf Envelope Co., Brooks at Freeman, Houston, Tex.
Keystone Envelope Co., 427 Moyer, Philadelphia, Pa.
Le Febure Corp., Cedar Rapids, Iowa.
Levey Printing Co., State House Square, Indianapolis, Ind.
William Mann Co., 529 Market St., Philadelphia, Pa.
McGill Paper Products Co., 501 Seventh Ave., Minneapolis, Minn.
Oliver Baker Mfg. Co., 420 S. 7th, Minneapolis, Minn.
Reynolds & Reynolds, Washington & Dudley, Dayton, Ohio.
Stafford-Lowdon Co., 610 W. Daget, Ft. Worth, Tex.
Young & Selden Co., Calvert & Saratoga, Baltimore, Md., Philadelphia and Pittsburgh.
Zimmerman Bros. & Co., 4020 Michigan Ave., Chicago, Ill.

K

KODAKS

(See Cameras)

L

229 LABELS, ADVERTISING

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

**230 LAMPS—ADDING, POSTING
 MACHINES**

Aladdin Mfg. Co., Muncie, Ind.
Faries Mfg. Co., 1036 E. Grand Ave., Decatur, Ill.
McFaddin & Co., Inc., H. G., 40 Warren St., New York, N. Y.
Mitchell Co., Middlesboro, Ky.

231 LAMPS, DESK

Aladdin Mfg. Co., Muncie, Ind.
Curtis Lighting, Inc., 1123 W. Jackson, Chicago, Ill.
Farber, Inc., S. W., 141-151 S. 5th, Brooklyn, N. Y.
Faries Mfg. Co., 1036 E. Grand Ave., Decatur, Ill.
Frink Corp., 23-10 Bridge Plaza So., Long Island City, N. Y.
Guth Co., Edwin F., 2615 Washington Blvd., St. Louis, Mo.
Horn & Brannen Mfg. Co., 427 N. Broad, Philadelphia, Pa.
McCann, H. F., 746 Madison Ave., New York, N. Y.
McFaddin & Co., Inc., H. G., 40 Warren, New York, N. Y.
Plaut & Co., Inc., L., 430 E. 23rd, New York, N.Y.
Westinghouse Lamp Co., 150 Broadway, New York, N. Y.

232 LAWS, BANKING

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

233 LEATHER GOODS

Abbott Coin Counter Co., 143rd. & Wales Ave., New York, N. Y.
Advertising Specialty Co., 508 Ryan Bldg., St. Paul, Minn.
American Art Works, Inc., Coshocton, Ohio.
Amity Leather Products Co., West Bend, Wis.
Bastian Bros. Co., 1600 Clinton Ave., N., Rochester, N. Y.
Brown & Bigelow, Quality Park, St. Paul, Minn.
Carrithers & Co., 128 N. Wells, Chicago, Ill.
Continental Bank Supply Co., P. O. Box 266, Mexico, Mo.
Dow Co., Louis F., 2242 University Ave., St. Paul, Minn.
Follis Advertising Service, W. E., 159 N. State, Chicago, Ill.
Folsom Arms Co., H. & D., 314 Broadway, New York, N. Y.
Humphreys Leather Goods Co., Inc., 243 E. Huron, Chicago, Ill.
Kemper-Thomas Co., Norwood, Ohio.
Kohl & Co., Inc., P. J., 230 W. Huron, Chicago, Ill.
Leather Products Co., 201 South, Iola, Kan.
L'Enfant-Oley-Martine Mfg. Corp., 99-101 5th, New York, N. Y.
Meeker Co., Inc., 3d & Michigan, Joplin, Mo.
MORAN, B. T., Inc., 400 N. Michigan Ave., Chicago, Ill.
Murphy Co., The, Thos. D., 110 S. 2nd St., Red Oak, Iowa.
National Bank Supply Co., Inc., 60 Spring St., New York, N. Y.
National Brief Case Mfg. Co., 512-532 S. Peoria, Chicago, Ill.
Novelty Advertising Co., Coshocton, O.
Oliver Baker Mfg. Co., 420 S. 7th, Minneapolis, Minn.
Polar Mfg. Co., 401 N. Broad, Philadelphia, Pa.
Protecta Bank-Note Corp., 4048-4058 Schubert Ave., Chicago, Ill.
Robinson Mfg. Co., 171 Elm, Westfield, Mass.
Sainberg & Co., Inc., 37-43 W. 26th, New York, N. Y.
Seelman & Sons Co., Geo., 337 Seventh, Milwaukee, Wis.
Trussell Mfg. Co., Cottage St., Poughkeepsie, N.Y.
United States Check Book Co., 1309-1315 Howard, Omaha, Neb.
Van Clief Lithographing Co., 2708-2712 Wabash Ave., Chicago, Ill.
Weinman Bros., 305 W. Adams, Chicago, Ill.
Western Bank Supply Co., 3151 Texas, Oakland, Calif.
Zell Products Corp., 536 Broadway, New York, N. Y.

LEATHER NOVELTIES

(See Leather Goods, also Specialties, Advertising)

234 LEDGERS, BOSTON

Hall Co., J. C., 68 N. Exchange, Providence, R. I.
National Blank Book Co., Riverside, Holyoke, Mass.
Richmond & Backus Co., Woodward at Congress, Detroit, Mich.
Smith Pig. Co., 225-239 E. 3d, Williamsport, Pa.

235 LEDGERS, CARD

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

236 LEDGERS, LIABILITY

Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
Dow Co., Louis F., 2242 University Ave., St. Paul, Minn.

Ft. Wayne Printing Co., 115 E. Brackenridge, Ft. Wayne Ind.

Le Febure Corp., Cedar Rapids, Iowa.

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

Remington Rand, Inc., Buffalo, N. Y.

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

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

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

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

237 LEDGERS, LOOSE LEAF

Adams Mfg. Co., Henry T., 8561 S. Chicago, Chicago, Ill.
American Bindery Corp., 1310 Maple, Detroit, Mich.
Brown Paper Co., L. L., Commercial St., Adams, Mass.
Buchan-White Loose Leaf Co., 1906 Pine, St. Louis, Mo.
Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
Flammger & Grahl Blank Book Co., 318 N. Third, St. Louis, Mo.
Hall Co., J. C., 68 W. Exchange, Providence, R. I.
Kennedy Printing Co., 609-611 Monroe, Fredonia, Kan.
Le Febure Corp., Cedar Rapids, Iowa.
Mann Co., Wm., 529 Market, Philadelphia, Pa.
Martell Co., A. E., Keene, N. H.
McDonald Ledger & Loose Leaf Co., 1809 Summerdale Ave., Chicago, Ill.
National Blank Book Co., Riverside, Holyoke, Mass.
Remington Rand, Inc., Buffalo, N. Y.
Richmond & Backus Co., Woodward at Congress, Detroit, Mich.
Shaw-Walker Co., The, Muskegon, Mich.
Sheppard Co., C. E., 4401 21st, Long Island City, N. Y.
Tallman Robbins & Co., 314 W. Superior, Chicago, Ill.
United States Check Book Co., 1309-1315 Howard, Omaha, Neb.
Weston Co., Byron, Main, Dalton, Mass.
Wilson-Jones Co., 3300 Franklin Blvd., Chicago, Ill.
Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

238 LEGAL SERVICE

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

**LETTERHEADS, EMBOSSED
 (See Embossing)**

**239 LETTERHEADS, ENGRAVED
 (See also Engraving)**

American Embossing Co., 196 Seneca, Buffalo, N. Y.
Hesse Envelope & Litho Co., 4183 Kingshighway, Memorial Blvd. at Penrose Pk., St. Louis, Mo.
Hutson & Co., C. S., 555-561 S. San Pedro, Los Angeles, Cal.
Northern Bank Note Co., 2340 N. Racine Ave., Chicago, Ill.
Standard Bank Note Co., 351 E. Ohio, Chicago, Ill.
Woodbury and Co., Inc., Chadwick Square, Worcester, Mass.
Young & Selden Co., Calvert & Saratoga, Baltimore, Md.

**240 LETTERHEADS, LITHOGRAPHED
 (See also Lithographing)**

Capitol Banknote Co., 429 S. Ashland Ave., Chicago, Ill.
Carrithers & Co., 128 N. Wells, Chicago, Ill.
Central Banknote Co., 319 N. Albany, Chicago, Ill.
Forbes Lithograph Mfg. Co., P. O. Box 5130, Boston, Mass.
HECO ENVELOPE CO., 4500 Courtland, Chicago, Ill.
Hesse Envelope & Litho Co., 4183 Kingshighway, Memorial Blvd. at Penrose Pk., St. Louis, Mo.
Isler-Tompsett Lithographing Co., 2940 Benton, St. Louis, Mo.
Master-Craft Corp., 825 Cobb, Kalamazoo, Mich.
Northern Bank Note Co., 2340 N. Racine Ave., Chicago, Ill.

LETTERHEADS, LITHOGRAPHED—Continued

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

LETTERHEADS, PRINTED

(See Printing, also Stationers, Manufacturing)

241 LETTERING, GOLD

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

242 LETTER OPENERS

Adercraft Manufacturing Co., 2448-56 W. 22d, Chicago, Ill.
 Bircher Co., Inc., 192 Mill, Rochester, N. Y.
 Novelty Cutlery Co., 516 MacGregor, N. W., Canton, Ohio.
 Parisian Novelty Co., 3510 S. Western Ave., Chicago, Ill.
 Rehberger Mfg. Co., 1217 Webster Ave., Chicago, Ill.
 Vidaver Letter Opener Co., Inc., 1755 Broadway, New York, N. Y.

243 LETTER OPENERS (AUTOMATIC)

Bircher Co., Inc., 192 Mill, Rochester, N. Y.

244 LETTERS, COLLECTION

Ft. Wayne Ptg. Co., 115 E. Brackenridge, Ft. Wayne, Ind.
 Remington Rand, Inc., Buffalo, N. Y.
 Richmond & Backus Co., Woodward at Congress, Detroit, Mich.
 Young & Selden Co., Calvert & Saratoga, Baltimore, Md.

245 LETTERS, GUMMED PAPER

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

LIGHTING SYSTEMS

(See Fixtures, Lighting)

246 LININGS, VAULT

Diebold Safe & Lock Co., 818 Mulberry Rd., S.E., Canton, Ohio.
 Herring-Hall-Marvin Co., Grand Blvd., Hamilton, Ohio.
 Invincible Metal Furniture Co., Manitowoc, Wis.
 Mosler Safe Co., Hamilton, Ohio.
 National Safe & Lock Co., 2345 E. 69th, Cleveland, Ohio.
 York Safe & Lock Co., York, Pa.

247 LININGS, VAULT (ELECTRIC)

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

248 LISTS, MAILING

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

249 LITHOGRAPHING

Adams Lithographing & Printing Co., 116 W. 2d, Pine Bluff, Ark.
 American Bank Note Co., 118 E. Cullerton, Chicago, Ill.
 American Bank Stationery Co., Curtin, Aiken, Hargest & Aisquith, Baltimore, Md.
 American Bank Supply Co., 628 N. Illinois, Indianapolis, Ind.
 Arkansas Printing & Lithographing Co., 1000 Center, Little Rock, Ark.
 Barnard Stationery Co., Geo. D., 3863 Laclede Ave., St. Louis, Mo.
 Beach Printing Co., Will A., 235 N. Phillip Ave., Sioux Falls, S. D.
 Benson & Sons, Inc., Benj. D., 11 Cliff, New York, N. Y.
 Brown-Blodgett Co., 1745 University Ave., St. Paul, Minn.
 Brown, Lent & Pett, Inc., 110 William, New York, N. Y.
 Bushong & Co., Inc., Park & Stark, Portland, Ore.
 Buxton & Skinner Printing & Stationery Co., 306 N. 4th, St. Louis, Mo.

Capitol Banknote Co., 429 S. Ashland Ave., Chicago, Ill.
 Central Banknote Co., 319 N. Albany, Chicago, Ill.
 Clarke & Courts, 2402 Mechanic, Galveston, Tex.
 Columbian Bank Note Co., 500 S. Ashland, Chicago, Ill.
 Columbus Bank Note Co., 40 E. Spring, Columbus, O.
 Commercial Lithographing Co., 825 W. Market, Louisville, Ky.
 Corporation Bank Note Co., 38 S. Dearborn, Chicago, Ill.
 Courier-Journal Job Printing Co., 316-328 W. Liberty, Louisville, Ky.
 Dameron-Pierson Company, Ltd., 400 Camp, New Orleans, La.
 De Luxe Check Printers, Inc., 900 N. Franklin, Chicago, Ill.; 2531 University Ave., St. Paul, Minn.; 129 Lafayette, New York, N. Y.; 810 Baltimore Ave., Kansas City, Mo.; 634 Huron Rd., Cleveland, Ohio.
 Dodsworth Stationery Co., Sam'l, 412-414 W. 10th, Kansas City, Mo.
 Donaldson Lithograph Co., 6th & Washington, Newport, Ky.
 Donnelley & Sons Co., R. R., 350 E. 22nd St., Chicago, Ill.
 Dow Co., Louis F., 2242 University Ave., St. Paul, Minn.
 Drew Co., The H. & W. B., 22 W. Bay, Jacksonville, Fla.
 Falconer Co., 414 Water, Baltimore, Md.
 Farnham Printing & Stationery Co., 417-419 Hennepin Ave., Minneapolis, Minn.
 Foote & Davies Co., Edgewood & Pryor, Atlanta, Ga.
 Ft. Wayne Ptg. Co., 115 E. Brackenridge, Ft. Wayne, Ind.
 Gast Bank Note Co., 4189 Chippewa, St. Louis, Mo.
 Hadley Co., Charles R., 330 N. Los Angeles, Los Angeles, Calif.
 Hall Co., J. C., 68 W. Exchange, Providence, R. I.
 Hall Lithographing Co., 623 Kansas Ave., Topeka, Kan.
 Hammond Printing Co., 101-5 E. 5th, Fremont, Neb.
 Hesse Envelope & Litho. Co., 4183 Kingshighway, Memorial Blvd. at Penrose, Pk., St. Louis, Mo.
 Hutson & Co., C. S., 555-561 S. San Pedro, Los Angeles, Cal.
 Irwin-Hodson Co., 115 N. 15th, Portland, Ore.
 Isler-Tompsett Litho. Co., 2940 Benton, St. Louis, Mo.
 Joplin Printing Co., Inc., 509-15 Joplin, Joplin, Mo.
 Kellogg & Bulkeley Co., Hartford, Conn.
 Kennedy Printing Co., 609-611 Monroe, Fredonia, Kan.
 Lever Printing Co., State House Square, Indianapolis, Ind.
 Long Island Printing & Lithographing Co., Inc., 137 Jackson, Hempstead, N. Y.

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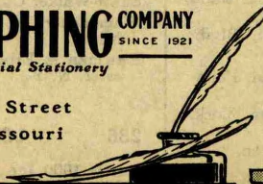
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LITHOGRAPHED LETTERHEADS

BONDS AND STOCK CERTIFICATES

LITHOGRAPHING—Continued

Mann Co., Wm., 529 Market, Philadelphia, Pa.
 Miller-Davis Co., 219 S. 4th, Minneapolis, Minn.
 Myself-Rollins Bank Note Co., 500 Sansome, San Francisco, Cal.
 Northern Bank Note Co., 2340 N. Racine Ave., Chicago, Ill.
 Pavey Envelope & Tag Co., 36 Green, Newark, N. J.
 Peerless Lithographing Co., 4313 Diversey Ave., Chicago, Ill.
 Pettibone & Co., P. F., 27 N. Desplaines, Chicago, Ill.
 Pioneer, Inc., 12th & A, Tacoma, Wash.
 Protective Bank Note Corp., 4048-58 Schubert Ave., Chicago, Ill.
 Razell, Mfg. Co., H. G., 710 S. 12th, Milwaukee, Wis.
 Red Wing Adv. Co., 202 Main, Red Wing, Minn.
 Remington Rand, Inc., Buffalo, N. Y.
 Reserve Litho. & Ptg. Co., Carlton Bldg., Cleveland, Ohio.
 Reynolds & Reynolds Co., Washington & Dudley, Dayton, Ohio.
 Schmidt Lithograph Co., 461 Second, San Francisco, Cal.
 Schooley Printing & Stationery Co., 718 Delaware, Kansas City, Mo.
 Skinner & Kennedy, St. Louis, Mo.
 Smith-Brooks Ptg. Co., 1733-47 California, Denver, Colo.
 Smith Co., Oscar T., & Son, 407-11 E. Saratoga, Baltimore, Md.
 Smith Ptg. Co., 225-239 E. 3d, Williamsport, Pa.
 Southern States Ptg. Co., Inc., 120 E. Taylor, Griffin, Ga.
 Standard Bank Note Co., 351 E. Ohio, Chicago, Ill.
 Standard Printing Co., 201-205 N. 3d, Hannibal, Mo.
 Stephens Litho. & Engraving Co., 420 N. 2d, St. Louis, Mo.
ST. LOUIS LITHOGRAPHING CO., 312 N. Third, St. Louis, Mo.
 Swinney Ptg. Co., Fort Branch, Ind.
 Thompson & Co., Arthur, 109 Market Place, Baltimore, Md.
 The Todd Co., 1185, University Ave., Rochester, N. Y.
 Toof & Co., S. C., 195 Madison, Memphis, Tenn.
 United States Check Book Co., 1309-1315 Howard, Omaha, Neb.
 Van Clief Lithographing Co., 2708 Wabash Ave., Chicago, Ill.
 Walker, Evans & Cogswell Co., Charleston, S. C.
 Walker Litho. & Ptg. Co., 114 W. 4th, Dayton, O.
 Western Lithograph Co., 600 E. 2d, Los Angeles, Cal.
 Western Lithograph & Office Supply Co., Wichita, Kans.
 Woodbury & Co., Inc., Chadwick Sq., Worcester, Mass.
 Young & Selden Co., Calvert & Saratoga, Baltimore, Md., Philadelphia and Pittsburgh.

LOAN REGISTERS

(See Registers, Note and Loan)

250 LOCKERS, STEEL

All-Steel-Equip Company, Aurora, Ill.
 Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Cramer Brothers Safe Co., 1417 McGee, Kansas City, Mo.
 Diebold Safe & Lock Co., 818 Mulberry Rd., S. E., Canton, Ohio.
 Durabilt Steel Locker Co., Aurora, Ill.
 General Fireproofing Co., Youngstown, Ohio.
 The Globe-Wernicke Co., Carthage, Cincinnati, O.
 Hart & Hutchinson Co., New Britain, Conn.
 Lyon Metal Products, Inc., Aurora, Ill.
 Manufacturing Equipment & Engineering Co., Farmington, Mass.
 Medart Mfg. Co., Fred, 3535 DeKalb, St. Louis, Mo.
 Remington Rand, Inc., Buffalo, N. Y.
 Terrell's Equipment Co., Grand Rapids, Mich.
 Yawman & Erbe Mfg. Co., Rochester, N. Y.

251 LOCK INSPECTION, TIME

Bank Vault Inspection Co., 5 South 18th, Philadelphia, Pa.
 Diebold Safe & Lock Co., 818 Mulberry Rd., S. E., Canton, Ohio.
 Hunt Co., Robt. W., 175 W. Jackson Blvd., Chicago, Ill.
MOSLER LOCK CO., 3d & Scott, Covington, Ky.
 Branches: Chicago, Kansas City, Pittsburgh.
 Remington & Sherman Co., 1545 N. Delaware Ave., Philadelphia, Pa.
YALE & TOWNE MFG. CO., Stamford, Conn.

252 LOCKS

Corbin Cabinet Lock Co., New Britain, Conn.
 Corbin, P. & F., Division American Hardware Corp., Park, New Britain, Conn.
 Diebold Safe & Lock Co., 818 Mulberry Rd., S. E., Canton, Ohio.
 Holmes Electric Protective Co., 370 7th Ave., New York, N. Y.
 Mosler Lock Co., 3d & Scott, Covington, Ky.
 Mosler Safe Co., Hamilton, Ohio.
 Sargent & Greenleaf, Inc., 1176 Joseph Ave., Rochester, N. Y.
 Western Wire & Iron Works, Inc., 952 W. 18th Place, Chicago, Ill.
 Yale & Towne Mfg. Co., Stamford, Conn.

253 LOCKS, COMBINATION

Diebold Safe & Lock Co., 818 Mulberry Rd., S. E., Canton, Ohio.
 Mosler Lock Co., 3d & Scott, Covington, Ky.
 Sargent & Greenleaf, Inc., 1176 Joseph Ave., Rochester, N. Y.
 Yale & Towne Mfg. Co., Stamford, Conn.

LOCKS, SAFE DEPOSIT

(See Locks, Combination)

254 LOCKS, SAFETY VAULT

American Lock Works, First Nat'l Bk. Bldg., Ft. Dodge, Iowa.
 Cramer Bros. Safe Co., 1417 McGee, Kansas City, Mo.
 Diebold Safe & Lock Co., 818 Mulberry Rd., S. E., Canton, Ohio.
 Duplex Electric Co., 71-73 Grand, New York, N. Y.
 Mosler Lock Co., 3d & Scott, Covington, Ky.
 Norris Safe & Lock Co., 114 Third Ave., S., Seattle, Wash.
 Sargent & Greenleaf, Inc., 1176 Joseph Ave., Rochester, N. Y.
 Yale & Towne Mfg. Co., Stamford, Conn.

255 LOCKS, TIME

Diebold Safe & Lock Co., 818 Mulberry Rd., S. E., Canton, Ohio.
 Mosler Lock Co., 3d & Scott, Covington, Ky.
 Mosler Safe Co., Hamilton, Ohio.
 Sargent & Greenleaf, Inc., 1176 Joseph Ave., Rochester, N. Y.
YALE & TOWNE MFG. CO., Stamford, Conn.

LOOSE LEAF BINDERS

(See Binders, Loose Leaf)

LOOSE LEAF EQUIPMENT

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

M

MACHINE BOOKKEEPING FORMS

(See Forms, Machine Bookkeeping)

256 MACHINES, ACCOUNT FINDING

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

257 MACHINES, ACCOUNTING

Burroughs Adding Machine Co., 6071 Second Blvd., Detroit, Mich.
 Gardner Co., 534 Mitchell, Orange, N. J.

258 MACHINES, ADDING

Allen-Wales Corp., 233 Spring, New York, N. Y.
 Automatic Adding Machine Co., 63 W. 24th, New York, N. Y.
 Burroughs Adding Machine Co., 6071 Second Blvd., Detroit, Mich.
 Gardner Co., 534 Mitchell, Orange, N. J.
 General Office Equipment Corp., 342 Madison Ave., New York, N. Y.
 International Payroll Machine Co., 4940 Rorer, Philadelphia, Pa.
 Lanston Monotype Machine Co., Barrett Adding Machine Division, 24th & Locust, Philadelphia, Pa.
 Monroe Calculating Machine Co., Inc., 555 Mitchell, Orange, N. J.
 National Cash Register Co., Dayton, O.
 Powers Accounting Machine Corp., 374 Broadway, New York, N. Y.
 Reliable Typewriter & Adding Machine Corp., 303 W. Monroe, Chicago, Ill.
 Remington Rand, Inc., Buffalo, N. Y.
 Todd Co., 1185 University, Rochester, N. Y.
 Underwood Typewriter Co., New York, N. Y.
 Ve-Po-Ad Co. (Division of Reliable Adding Machine Corp.), 303 W. Monroe, Chicago, Ill.
 Victor Adding Machine Co., 3900 N. Rockwell, Chicago, Ill.

259 MACHINES, ADDRESSING

Addressograph-Multigraph Corp., 1200 Babbett Rd., Cleveland, Ohio.
 Elliott Addressing Machine Co., 143 Albany, Cambridge, Mass.
 Pollard-Ailling Mfg. Co., 224 W. 19th, New York, N. Y.
 Selectograph Co., 1061-1101 W. 35th, Chicago, Ill.

260 MACHINES, BALING, CURRENCY

Economy Baler Co., Ann Arbor, Mich.

261 MACHINES, BALING, WASTE PAPER

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

262 MACHINES, BILLING

Burroughs Adding Machine Co., 6071 Second Blvd., Detroit, Mich.
 National Cash Register Co., Dayton, O.
 Remington Rand, Inc., Buffalo, N. Y.
 Underwood Typewriter Co., New York, N. Y.

263 MACHINES, BINDING

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

264 MACHINES, BOOKKEEPING

Allen-Wales Corp., 233 Spring, New York, N. Y.
 Burroughs Adding Machine Co., 6071 Second Blvd., Detroit, Mich.
 Gardner Co., 534 Mitchell, Orange, N. J.
 General Office Equipment Corp., 342 Madison Ave., New York, N. Y.
 National Cash Register Co., Dayton, Ohio.
 Remington Rand, Inc., Buffalo, N. Y.
 United Accounting Machine Co., 716 Sidney, St. Louis, Mo.

265 MACHINES, CALCULATING

Allen-Wales Corp., 233 Spring, New York, N. Y.
 Burroughs Adding Machine Co., 6071 Second Blvd., Detroit, Mich.
 Ralph C. Coxhead, Corporation, 17 Park Place, New York, N. Y.
 Ensign Electric Calculating Co., 387 Broadway, New York, N. Y.
 Gardner Co., 534 Mitchell, Orange, N. J.
 International Business Machines Corp., 270 Broadway, New York, N. Y.
 Lanston Monotype Machine Co., Barrett Adding Machine Division, 24th & Locust, Philadelphia, Pa.
 Marchant Calculating Machine Co., 4th & Powell, Oakland, Calif.
 Meilicke Systems, Inc., 3466 N. Clark, Chicago, Ill.
 Monroe Calculating Machine Co., Inc., 555 Mitchell, Orange, N. J.
 National Cash Register Co., Dayton, O.
 Reliable Typewriter & Adding Machine Corp., 303 W. Monroe, Chicago, Ill.
 Remington Rand, Inc., Buffalo, N. Y.
 Swanson Calculating Co., 300 W. Adams, Chicago, Ill.
 Victor Adding Machine Co., 3900 N. Rockwell, Chicago, Ill.

MACHINES, CALCULATING INTEREST

(See Calculators, Time & Interest)

MACHINES, CANCELLING, BOND & COUPON

(See Machines, Cancelling, Check)

266 MACHINES, CANCELLING, CHECK

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

MACHINES, COIN CHANGING

(See Coin Changers)

MACHINES, COIN COUNTING

(See Coin Counting Machines)

MACHINES, COIN SORTING

(See Coin Counting Machines)

MACHINES, DATING

(See Stamps, Dating)

267 MACHINES, DEPOSIT RECEIVING

American Banking Machine Corp., 120 N. Washington Ave., Saginaw, Mich.

268 MACHINES, DICTATING

Dictaphone Sales Corp., 207 Graybar Bldg., New York, N. Y.
 "Ediphone" Edison, Inc., Thomas A., Orange, N. J.

MACHINES, DUPLICATING

(See Duplicators)

MACHINES, EYELET

(See Eyelet Machines & Eyelets)

MACHINES, FILING

(See Machines, Account Finding)

269 MACHINES, FOLDING

Addressograph-Multigraph Corp., 1200 Babbett Rd., Cleveland, Ohio.

270 MACHINES, INTEREST COMPUTING

Meilicke Systems, Inc., 3466 N. Clark, Chicago, Ill.
 Monroe Calculating Machine Co., Inc., 555 Mitchell, Orange, N. J.
 Remington Rand, Inc., Buffalo, N. Y.

271 MACHINES, MAILING, PERMIT (METER)

Pitney-Bowes Postage Meter Co., Stamford, Conn.
 Postage Meter Co., 723 Pacific, Stamford, Conn.

272 MACHINES, MAILING, PERMIT (NON-METER)

International Postal Supply Co., 634 Prospect Pl., Brooklyn, N. Y.
 National Cash Register Co., Dayton, Ohio.
 Pitney-Bowes Postage Meter Co., Stamford, Conn.
 Standard Mailing Machines Co., Everett, Mass.

273 MACHINES, NUMBERING

Aeme Stamp Co., 1104 Prospect Ave., Cleveland, Ohio.
 American Numbering Machine Co., 220 Shepherd, Brooklyn, N. Y.
 Bankers & Merchants Stamp Works, 3225 Sheffield Ave., Chicago, Ill.
 Bates Mfg. Co., Orange, N. J.
 Eagle Stamp Works, Inc., 162 N. Franklin, Chicago, Ill.
 Force & Co., Inc., Wm. A., 105 Worth, New York, N. Y.
 Gibson Co., Inc., A. C., 70 Oak, Buffalo, N. Y.
 Martin & Co., 227 W. Madison, Chicago, Ill.
 Melind Co., Louis, 362 W. Chicago Ave., Chicago, Ill.
 Remington Rand Inc., Buffalo, N. Y.
 The Sachs Lawlor Co., 1542 Larimer, Denver, Colo.
 Safford Stamp Works, 205 W. Madison, Chicago, Ill.
 Swisher Mfg. Co., R. D., 411-13 S. Clinton, Chicago, Ill.

274 MACHINES, PERFORATING

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

MACHINES, PERMIT MAILING

(See Machines, Mailing, Permit)

275 MACHINES, SCRUBBING

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

276 MACHINES, SEALING, ENVELOPE

(See also Machines, Mailing, Permit)

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

277 MACHINES, SEALING, GUMMED TAPE

Package Binder Co., (The), Commonwealth Bldg. Annex, Pittsburgh, Pa.
 Seymour Products Co., Seymour, Conn.
 Union Paper & Twine Co., 116 St. Clair Ave., N.W., Cleveland, Ohio.

278 MACHINES, SIGNATURE SIGNING

The American Perforator Co., 612 W. Jackson Blvd., Chicago, Ill.
 Hedman Mfg. Co., 1158 Center, Chicago, Ill.
 National Cash Register Co., Dayton, Ohio.
 Todd Co., 1185 University Ave., Rochester, N. Y.

MACHINES, STAMP AFFIXING

(See Stamp Affixers)

279 MACHINES, STAPLING

Aeme Staple Company, 1643-47 Haddon Ave., Camden, N. J.
 Adams-Lessack Co., The, 1507 Arch St., Philadelphia, Pa.
 Bates Mfg. Co., Orange, N. J.
 Bostitch Sales Co., East Greenwich, R. I.
 Compo Manufacturing & Sales Co., Westport, Conn.
 Eveready Mfg. Co., of Boston, 50 Church St., New York, N. Y.
 Force & Co., Inc., Wm. A., 105 Worth, New York, N. Y.
 Hoge Mfg. Co., Inc., 23 E. 21st, New York, N. Y.
 Hotchkiss Sales Co., 10 Hoyt, Norwalk, Conn.
 Neva-Clog Products Inc., 636 Water, Bridgeport, Conn.
 Remington Rand, Inc., Buffalo, N. Y.
 Sibley Mfg. Co., Inc., Edw. L., Bennington, Vt.

280 MACHINES, STENCIL

Addressograph-Multigraph Corp., 1200 Babbet Rd., Cleveland, Ohio.
 Bankers Savings & Credit System Co., 10302 Madison Ave., Cleveland, O.

MACHINES, TABULATING

(See Machines, Adding; Machines, Calculating)

MAGAZINE RACKS

(See Racks, Magazine & Newspaper)

281 MAGAZINES, BANKING

BANKERS SERVICE BULLETIN, THE., 536 S. Clark St., Chicago, Ill.
BANKERS MONTHLY, THE, 536 S. Clark St., Chicago, Ill.
 Coast Banker, 576 Sacramento St., San Francisco, Calif.

MAILING BAGS

(See Bags, Mailing)

MANIFOLD FORMS

(See Forms, Continuous)

282 MANIFOLDING DEVICES

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

283 MAPS, AUTO TRAILS

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

MARBLE FIXTURES

(See Fixtures, Marble)

284 MATCHES, BOOK

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

MEMO BOOKS

(See Books, Memo.)

285 MEMORANDUM DEVICES

Mergott Co., J. E., 316 Jelliff Ave., Newark, N. J.
 Seymour Products Co., Seymour, Conn.

METERED MAIL

(See Machines, Mailing, Permit)

286 MOISTENERS, ENVELOPE & STAMP

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

287 MONEY CONTAINERS

Handford Brown Co., Fifth St., Coytesville, N. J.
 Remington Rand, Inc., Buffalo, N. Y.

MOTION PICTURE ADVERTISING

(See Advertising, Motion Picture)

288 MUCILAGE

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

289 MULTIGRAPHES

(See also Duplicators)

Addressograph-Multigraph Corp., 1200 Babbet Rd., Cleveland, Ohio.

290 MULTISTAMPS

Multistamp Co., Inc., 527 W. 21st., Norfolk, Va.

N**291 NAMEPLATES**

Abbott Coin Counter Co., 143rd & Wales Ave., New York, N. Y.
 Aeme Stamp Co., 1104 Prospect Ave., Cleveland, Ohio.
 American Iron & Wire Works, 1621 Carroll, Chicago, Ill.
 Art in Bronze Co., 1621 E. 41st, Cleveland, Ohio.
 Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Atlas Bronze Mfg. Co., 2640 N. Maplewood Ave., Chicago, Ill.
 Bankers Savings & Credit System Co., 10302 Madison Ave., Cleveland, O.
 Banthrico Inc., 2944 W. Lake, Chicago, Ill.
 Brakmeier Bros., 112 S. 4th Ave., Louisville, Ky.
 Chicago Architectural Bronze Co., 1948 W. Ohio, Chicago, Ill.
 Chicago Thrift Co., 1100 Washington Blvd., Chicago, Ill.
 Clark Mfg. Co., R. W., 4311 Ravenswood Ave., Chicago, Ill.
 Davenport-Taylor Corp., 412 Orleans, Chicago, Ill.
 Dobie & Co., Arthur L., 523 N. Halsted, Chicago, Ill.
 Earl Service for Banks, Boston (Melrose), Mass.
 Faries Mfg. Co., 1036 E. Grand Ave., Decatur, Ill.
 Flour City Ornamental Iron Co., 27th Ave. & 27th St., Minneapolis, Minn.
 The Fogarty Manufacturing Co., 800 Monument Ave., Dayton, Ohio.
 Gibson Co., Inc., A. C., 10 Oak St., Buffalo, N. Y.
 Guth Co., Edwin F., 2615 Washington Blvd., St. Louis, Mo.
 Hanson Co., C. H., 303 W. Erie, Chicago, Ill.
 Imperial Brass Mfg. Co., 1200 W. Harrison, Chicago, Ill.
 Jamestown Metal Smiths, Inc., 217 Hopkins Ave., Jamestown, N. Y.
 Matthews & Co., Jas. H., 3942 Forbes, Pittsburgh, Pa.
 Gus D. Messing, 315 Jackson, St. Paul, Minn.
 Meyercoord Co. (The), 120 S. La Salle, Chicago, Ill.
 Michaels Art Bronze Co., Inc., 231-239 Court, Covington, Ky.
 Oregon Brass Works, 2d & Everett, Portland, Ore.
 Parisian Novelty Co., 3510 S. Western Ave., Chicago, Ill.
 Philadelphia Enameling Works, 254 N. 13th, Philadelphia, Pa.
 Polar Mfg. Co., 401 N. Broad, Philadelphia, Pa.
 Price, Henry F., 15 E. 40th, New York, N. Y.
 Price Bros., Inc., 2644 N. Maplewood, Ave., Chicago, Ill.
 Rawson & Evans Co., 710-12 Washington Blvd., Chicago, Ill.
 Safford Stamp Works, 205 W. Madison, Chicago, Ill.
 Steere & Sons, Geo., 434 S. Dearborn, Chicago, Ill.

Supersine Co. of America, 200 Murray, Ft. Wayne, Ind.
 Swisher Mfg. Co., R. D., 413 S. Clinton, Chicago, Ill.
 Tablet & Ticket Co., 1021 W. Adams, Chicago, Ill.
 Turner Brass Works, Sycamore, Ill.
TWENTIETH CENTURY CO., 542 S. Dearborn, Chicago, Ill.
 Tyler Co., W. S., 36th & Superior, Cleveland, O.
 Usona Mfg. Co., 3512 Chateau, St. Louis, Mo.
 Viking Products Corp., 422 W. 42d, New York, N. Y.
 Williams, Inc., Jno., 542 W. 27th, New York, N. Y.
 Zimmerman Bros. & Co., 4020 Michigan Ave., Chicago, Ill.

NEOSTYLES

(See Duplicators)

NEW ACCOUNT SERVICE

(See Personal Solicitation)

NEWSPAPER ADVERTISING

(See Advertising Service)

292 NEWSPAPER CLIPPINGS

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

293 NOVELTIES, CELLULOID

Adercraft Manufacturing Co., 2448-56 W. 22d, Chicago, Ill.
 Brown & Bigelow, Quality Park, St. Paul, Minn.
 Carroll Co., J. B., 319 N. Albany, Chicago, Ill.
 Follis Advertising Service, W. E., 159 N. State, Chicago, Ill.
 Parisian Novelty Co., 3510 S. Western Ave., Chicago, Ill.

294 NOVELTIES, CLOTH

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

295 NOVELTIES, LEATHER

Advertising Specialty Co., 508 Ryan Bldg., St. Paul, Minn.
 American Bank Supply Co., 628 N. Illinois, Indianapolis, Ind.
 American Beauty Cover Co., 1900 Orange, Dallas, Tex.
 Broderick Co., 460 Robert, St. Paul, Minn.
 Brown & Bigelow, Quality Park, St. Paul, Minn.
 Buckeye Leather Co., 947 Chestnut, Coshocton, O.
 Dow Co., Louis F., 2242 University Ave., St. Paul, Minn.
 Ferres Co., E. H., 61 Richmond Ave., Lockport, N. Y.
 Follis Adv. Service, W. E., 159 N. State, Chicago, Ill.
 The Gerlach-Barklow Co., Joliet, Ill.
 Leather Products Co., 201 South, Iola, Kan.
 Meeker Co., Inc., 3d & Michigan, Joplin, Mo.
 Murphy Co., The Thos. D., 110 S. 2nd, Red Oak, Iowa.
 National Bank Supply Co., Inc., 60 Spring, New York, N. Y.
 Novelty Adv. Co., Coshocton, Ohio.
 Oliver Baker Mfg. Co., 420 S. 7th, Minneapolis, Minn.
 Osborne Co., 759 Summer Ave., Newark, N. J.
 Robinson Manufacturing Co., Westfield, Mass.
 Seelman & Sons Co., Geo., 337 Seventh, Milwaukee, Wis.
 Universal Check Cover Co., 420 W. Pleasant, Springfield, Ohio.
 Van Clief Lithographing Co., 2708 Wabash, Chicago, Ill.
 Weinman Bros., 305 W. Adams, Chicago, Ill.
 Young & Gardner Co., 655 S. Wells, Chicago, Ill.
 Zell Products Corp., 536 Broadway, New York, N. Y.

296 NOVELTIES, METAL

Adercraft Manufacturing Co., 2448-56 W. 22d, Chicago, Ill.
 Brown & Bigelow, Quality Park, St. Paul, Minn.
 Follis Adv. Service, W. E., 159 N. State, Chicago, Ill.
 Jamestown Metal Smiths Inc., 217 Hopkins Ave., Jamestown, N. Y.
 Martin Co. (The), Frank, Marshall Bldg., Cleveland, Ohio.
 Mayer Mfg. Corp., 1436 Randolph, Chicago, Ill.
 Patrick and Moise-Klinkner Co., 560 Market, San Francisco, Calif.
 Rehberger Mfg. Co., 1217 Webster Ave., Chicago, Ill.
 Robbins Co., The, Hazel & School, Attleboro, Mass.
 Shaw Advertising Co., 520 Produce Exch. Bldg., Kansas City, Mo.
 Vaughan Novelty Mfg. Co., 3211 Carroll Ave., Chicago, Ill.

297 NOVELTIES, PAPER

Brown & Bigelow, Quality Park, St. Paul, Minn.
 Follis Adv. Service, W. E., 159 N. State, Chicago, Ill.
 Osborne Co., 759 Summer Ave., Newark, N. J.
 Stylograph Corp., The, Scottsville Rd., Rochester, N. Y.
 Tablet & Ticket Co., 1021 W. Adams, Chicago, Ill.
 Walraven Book Cover Co., 1509 Caruth, Dallas, Tex.

NUMBERING MACHINES
 (See Machines, Numbering)

O

OFFICE LAYOUTS
 (See Engineers, Equipment)

298 OMNIBUSES, VAULT

Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 Automatic File & Index Co., 427 W. Randolph, Chicago, Ill.
 Berzer Mfg. Co., 1038 Belden Ave., Canton, Ohio.
 Brown-Morse Company, Broadway, Muskegon Heights, Mich.
 Canton Art Metal Co., 2820 Winfield Way, N. E., Canton, O.
 Cary Safe Co., 1290 Niagara, Buffalo, N. Y.
 Collins Safe & Fixture Co., W. D., 513 W. Main, Dennison, Tex.
 Colson Company, Cedar, Elyria, Ohio.
 Davidson Co., J. L., 632-648 Mateo, Los Angeles, Cal.
 Edwards Co., Inc., O. M., 50 Church St., New York, N. Y.
 General Fireproofing Co., Youngstown, Ohio.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Herring-Hall-Marvin Safe Co., Grand Blvd., Hamilton, Ohio.
 Jamestown Metal Equipment Co., Inc., 1088 Allen, Jamestown, N. Y.
 Le Febure Corp., Cedar Rapids, Iowa.
 Macey Co., The, 1520 Division Ave., S., Grand Rapids, Mich.
 Mack Trucks, Inc., 25 Broadway, New York, N. Y.
 National Safe & Lock Co., 2345 E. 69th, Cleveland, Ohio.
 Remington Rand, Inc., Buffalo, N. Y.
 Shaw-Walker Co., The, Muskegon, Mich.
 Standard Pressed Steel Co., Jenkintown, Pa.
 Steel Equipment Corp., Avenel, N. J.
 Steel Fixture Mfg. Co., E. 7th & Adams, Topeka, Kan.
 Toledo Metal Furniture Co., 1100 Hastings, Toledo, Ohio.
 Watson Mfg. Co., Jamestown, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

OUTDOOR ADVERTISING

(See Advertising, Poster and Billboard; also Signs)

P

299 PADS, BLOTTER

(See also Pads, Desk and Supplies)

Young & Selden Co., Calvert & Saratoga, Baltimore, Md.

300 PADS, DESK

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

301 PADS, DESK, CALENDAR

Brown & Bigelow, Quality Park, St. Paul, Minn.
 Joliet Calendar Co., 401 Gardner, Joliet, Ill.
 Metropolitan Syndicate Press, 120 N. Jefferson, Chicago, Ill.
 National Art Works, Inc., 710 Greer Ave., Covington, Ky.
 Osborne Co., 759 Summer Ave., Newark, N. J.
 Robinson Manufacturing Co., 171 Elm, Westfield, Mass.
 Shedd-Brown Mfg. Co., 319 Fifth Ave. So., Minneapolis, Minn.
 Twentieth Century Co., 542 S. Dearborn, Chicago, Ill.
 Typo Trading Co., The, 65 Duane, New York, N. Y.

302 PADS, MEMO.

(See also Stationers, Manufacturing)

The Collytt Laboratories, 565 W. Washington Blvd., Chicago, Ill.
 Currier Mfg. Co., Inc., Northwestern Terminal, Minneapolis, Minn.
 Mayer Mfg. Corp., 1436 W. Randolph, Chicago, Ill.
 New Art Specialties, Inc., 2145 Walnut St., Chicago, Ill.
 Remington Rand, Inc., Buffalo, N. Y.
 Robinson Manufacturing Co., 171 Elm, Westfield, Mass.
 Seymour Products Co., Seymour, Conn.

303 PADS, RUBBER STAMP

Acme Stamp Co., 1104 Prospect, Cleveland, Ohio.
 Arlax Dry Stencil Corp., 424 Fourth Ave., Pittsburgh, Pa.
 Bankers Savings & Credit System Co., 10302 Madison Ave., Cleveland, O.
 Bates Mfg. Co., Orange, N. J.

Brakmeier Bros., 112 S. 4th Ave., Louisville, Ky.
 Carter's Ink Co., 239 First, Cambridge, Mass.
 Darling Co., J. C., 734 Kansas Ave., Topeka, Kan.
 Force & Co., Inc., Wm. A., 105 Worth, New York, N. Y.
 Gibson Co., Inc., 70 Oak, Buffalo, N. Y.
 Martin & Co., 227 W. Madison, Chicago, Ill.
 Melind Co., Louis, 362 W. Chicago, Chicago, Ill.
 Nobler Stamp & Seal Co., Inc., 524 S. Dearborn, Chicago, Ill.
 Patrick and Moise-Klinkner Co., 560 Market, San Francisco, Calif.
 Sachs-Lawlor Co., Inc., 1543 Larimer, Denver, Colo.
 Safford Stamp Works, 205 W. Madison, Chicago, Ill.
 Swisher Mfg. Co., R. D., 411 S. Clinton, Chicago, Ill.

304 PAPER

Champion Coated Paper Co., Hamilton, Ohio.
 Chemical Paper Mfg. Co., 642 Main St., Holyoke, Mass.
 Crocker-McElwain Co., 642 Main St., Holyoke, Mass.
 Hammermill Paper Co., Erie, Pa.

PAPER, ADDING MACHINE
 (See Rolls, Adding Machine)

305 PAPER, CARBON

American Sales Book Co., Limited, Elmira, N. Y.
 Buckeye Ribbon & Carbon Co., 1458 E. 55th, Cleveland, O.
 Carter's Ink Co., 239 First, Cambridge, Mass.
 Columbia Ribbon & Carbon Mfg. Co., Glen Cove, Long Island, N. Y.
 Crown Ribbon & Carbon Mfg. Co., 782 St. Paul, Rochester, N. Y.
 Ditto, Inc., 2243 W. Harrison, Chicago, Ill.
 Enduro Mfg. Co., 14 Franklin, Rochester, N. Y.
 Franklin-Kelly Co., 75 W. Van Buren, Chicago, Ill.
 Hamilton Autographic Register Co., 802 Symmes Ave., Hamilton, Ohio.
 Keelox Mfg. Co., Rochester, N. Y.
 Kensington Supply Co., Inc., 120 East 41st, New York, N. Y.
 Little, Inc., A. P., 100 S. Fitzhugh, Rochester, N. Y.
 Marr Duplicator Co., 53 Park Pl., New York, N. Y.
 Miller-Bryant-Pierce Co., 189 S. River, Aurora, Ill.
 Neidich Process Co., Burlington, N. Y.
 Phillips Ribbon & Carbon Co., 61 Halstead, Rochester, N. Y.
 Primbs & Sons, Inc., Geo., 730-740 W. Center, Pocatello, Idaho.
 Remington Rand, Inc., Buffalo, N. Y.
 Rochester Ribbon & Carbon Co., Inc., 38 Brown's Race, Rochester, N. Y.
 Smith, L. C., & Corona Typewriters, Inc., 51 Madison, New York, N. Y.
 Storms Co., H. M., 561 Grand Ave., Brooklyn, N. Y.
 Stylograph Corp., The, Scottsville Rd., Rochester, N. Y.
 United States Pencil Co., 487 Broadway, New York, N. Y.
 Webster Co., F. S., 340 Congress, Boston, Mass.

306 PAPER, GUMMED

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

307 PAPER, RECORD

Brown Paper Co., L. L., Commercial St., Adams, Mass.
 Chemical Paper Mfg. Co., 642 Main St., Holyoke, Mass.
 Crocker-McElwain Co., 642 Main St., Holyoke, Mass.
 Parsons Paper Co., 84 Sargeant, Holyoke, Mass.
 Stylograph Corp., The, Scottsville Rd., Rochester, N. Y.

308 PAPER RULING

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

309 PAPER, SAFETY

Chemical Paper Manufacturing Co., 642 Main St., Holyoke, Mass.
 Crocker-McElwain Co., 642 Main St., Holyoke, Mass.
 Gilbert Paper Co., Menasha, Wis.
 Gurney Security Paper Company, Inc., 8th Ave. & 18th St., Brooklyn, N. Y.
 Hammermill Paper Co., Erie, Pa.

LAMONTE & SON, GEO. (National Safety Paper, Bankers Safety Paper, Safety Check Paper, Anchor Safety Paper, Exchange Safety Paper, etc., Nutley, N. J. (See our adv. on inside front and inside back covers.)
 Mann Co., Wm., 529 Market, Philadelphia, Pa.
 Northern Bank Note Co., 2340 N. Racine Ave., Chicago, Ill.
 Pacific Northwest Paper Mills, Inc., 237 E. Farragut, Portland, Ore.
 Perfect Safety Paper Co. (Padlock Safety Paper), 102 Winter, Holyoke, Mass.
 Todd Co., 1185 University Ave., Rochester, N. Y.
 Wroe & Co., W. E., 22 W. Monroe, Chicago, Ill.
 Young & Selden Co., Calvert & Saratoga, Baltimore, Md.

310 PAPER WEIGHTS

Acraft Manufacturing Co., 2448-56 W. 22d, Chicago, Ill.
 Brown & Bigelow, Quality Park, St. Paul, Minn.
 Follis Advertising Service, W. E., 159 N. State, Chicago, Ill.
 Parisian Novelty Co., 3510 S. Western Ave., Chicago, Ill.
 Rehberger Mfg. Co., 1217 Webster Ave., Chicago, Ill.
 Sneath Glass Co., Hartford City, Ind.

311 PAPERS, BANK PARCHMENT

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

312 PAPERS, LETTER-HEAD

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

PARCEL POST SCALES
 (See Scales, Parcel Post)

PARTITIONS

Acme Wire and Iron Works, 12340 Cloverdale, Detroit, Mich.
 Aetna Cabinet Co., 321-29 Maryland, Indianapolis, Ind.
 Albatross Steel Equipment Co., P. O. Drawer A., Sawtelle, Cal.
 American Fixture Co., 16th & Bellefontaine, Kansas City, Mo.
 American Iron & Wire Works, 1621 Carroll, Chicago, Ill.
 Circle A Products Corp., 613 S. 25th, New Castle, Ind.
 Claus Mfg. Co., A., 5250 Brookpark Rd., Cleveland, Ohio.
 Dahlstrom Metallic Door Co., Buffalo & East 2d, Jamestown, N. Y.
 Globe-Wernicke Co., The, Carthage Ave., Cincinnati, O.
 Hamlin, Irving, 1500 Lincoln, Evanston, Ill.
 Hauserman Co., E. F., 6844 Grant, Cleveland, Ohio.
 Jamestown Metal Equipment Co., Inc., 1088 Allen, Jamestown, N. Y.
 Mitchell Mfg. Co., Robt., 2d & John, Cincinnati, O.
 Mount & Robertson, Inc., 62 Broad, New York, N. Y.
 Nachtgall Mfg. Co., 237-45 S. Front, Grand Rapids, Mich.
 Sanymetal Products Co., 1720 Urbana Rd., Cleveland, Ohio.
 Usona Mfg. Co., 3512-26 Chouteau, St. Louis, Mo.
 Watson Mfg. Co., Jamestown, N. Y.
 Wilson Corp., J. G., 11 E. 38th, New York, N. Y.

PASS BOOK JACKETS
 (See Jackets, Pass Book)

314 PASS BOOKS

Adams-Lessack Co., 1507 Arch, Philadelphia, Pa.
 Aetna Stationers, Inc., 622 E. 67th, Chicago, Ill.
 American Bank Stationery Co., Curtin, Aiken, Hargest & Aisquith Sts., Baltimore, Md.
 American Bank Supply Co., 628 N. Illinois, Indianapolis, Ind.
 American Beauty Cover Co., 1902-8 Orange St., Dallas, Tex.
 Brown, Lent & Pett, Inc., 110 William, New York, N. Y.
 Buth & Co., Inc., W. F., 1005 University, St. Paul, Minn.
 Carrithers & Co., 128 N. Wells, Chicago, Ill.
 Commercial Lithographing Co., 825 W. Market, Louisville, Ky.
 Continental Bank-Supply Co., P. O. Box 266, Mexico, Mo.
 Gurtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 Dameron-Pierce Company Ltd., 400 Camp, New Orleans, La.
 Dow Co., Louis F., 2242 University Ave., St. Paul, Minn.
 Economy Adv. Co., Linn & Market, Iowa City, Ia.
 Exline Co., 113 St. Clair Ave., N. E., Cleveland, O.
FT. WAYNE, PTG., CO., 115 E. Brackenridge, Ft. Wayne, Ind.
 Gast Bank Note Co., 4189 Chippewa, St. Louis, Mo.
 Hall Co., J. C., 68 W. Exchange, Providence, R. I.
 Huntington Bank Book Co., 1205 Washington, Huntington, Pa.
 Kennedy Printing Co., 609-611 Monroe, Fredonia, Kan.
 Le Febure Corp., Cedar Rapids, Iowa.
 Levy Printing Co., State House Square, Indianapolis, Ind.
 Long Island Printing & Lithographing Co., Inc., 137 Jackson, Hempstead, N. Y.
 Mann Co., William, 529 Market St., Philadelphia, Pa.
 National Bank Supply Co., Inc., 60 Spring, New York, N. Y.
 Oliver Baker Mfg. Co., 420 S. 7th, Minneapolis, Minn.
 Palmer Corp., Lester W., 14 Thomas, New York, N. Y.
 Pass Book & Check Cover Co., 232 Broadway, Denver, Colo.
 Pettibone & Co., P. F., 27 N. Desplaines, Chicago, Ill.
 Red Wing Adv. Co., 202 Main, 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.

PASS BOOKS—Continued

Shaw-Walker Co., The, Muskegon, Mich.
 Shwabacher-Frey Co., 735 Market, San Francisco, Calif.
 Seelman & Sons, Geo., 337 Seventh, Milwaukee, Wis.
 Shedd-Brown Mfg. Co., 319 Fifth Ave., So., Minneapolis, Minn.
 Stafford-Lowdon Co., 610 W. Daget, Ft. Worth, Tex.
 Stephens Litho. & Engr. Co., 420 N. 2d, St. Louis, Mo.
 Strayer Coin Bag Co., 1028 4th Ave., New Brighton, Pa.
 Thrift Service Co., 2128 Richland Ave., Cleveland, O.
 Todd Co., The, 1185 University Ave., Rochester, N. Y.
 Twentieth Century Co., 542 S. Dearborn, Chicago, Ill.
 United States Check Book Co., 1309-1315 Howard, Omaha, Neb.
 Universal Check Cover Co., 320 W. Pleasant, Springfield, Ohio.
 Van Clief Lithographing Co., 2708-12 Wabash Ave., Chicago, Ill.
 Voss Co., Herman, 1119 N. Water, Milwaukee, Wis.
 Walker Litho. & Ptg. Co., 114 W. 4th, Dayton, O.
 Weinman Bros., 305 W. Adams, Chicago, Ill.
 Young & Selden Co., Calvert & Saratoga, Baltimore, Md., Philadelphia and Pittsburgh.
 Zell Products Corp., 536 Broadway, New York, N. Y.
 Zimmerman Bros. & Co., 4020 Michigan Ave., Chicago, Ill.

315 PASTE, OFFICE

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

316 PENCILS, ADVERTISING

Aderaft Manufacturing Co., 2448-56 W. 22d St., Chicago, Ill.
 Adgif Corporation, Atlanta, Ga.
 Advertising Specialty Co., 508 Ryan Bldg., St. Paul, Minn.
 Autopoint Co., 1807 Foster Ave., Chicago, Ill.
 Conklin Pen Co., Factories Bldg., Toledo, Ohio.
 Folis Advertising Service, W. E., 159 N. State, Chicago, Ill.
 Imprint Pencil Co., Inc., 122 Fifth Ave., New York, N. Y.
 Murphy Co., The Thos. D., 110 S. 2nd, Red Oak, Ia.
 North American Pencil Works, 126 S. Clinton, Chicago, Ill.
 Ruxton Multi-Vider Corp., Graybar Bldg., New York, N. Y.
 Stanwood-Hillson Corp., 14 High St., Brookline, Mass.
 Twentieth Century Co., 542 S. Dearborn, Chicago, Ill.
 United States Pencil Co., Inc., 487 Broadway, New York, N. Y.
 Wahl Company, 1800 Roscoe, Chicago, Ill.

317 PENCILS, AUTOMATIC

American Lead Pencil Co., 500 Willow Ave., Hoboken, N. J.
 Autopoint Co., 1807 Foster Ave., Chicago, Ill.
 Brown & Bigelow, Quality Park, St. Paul, Minn.
 Carter's Ink Co., 239 First, Cambridge, Mass.
 Conklin Pen Co., Factories Bldg., Toledo, O.
 Eagle Pencil Company, 703 E. 13th St., New York, N. Y.
 Hoge Mfg. Co., 23 E. 21st, New York, N. Y.
 Ingersoll Dollar Pen Co., Chas. H., 545 N. Arlington, E. Orange, N. J.
 Ruxton Multi-Vider Corp., Graybar Bldg., New York, N. Y.
 Scripts Manufacturing Co., 423 Houston, N. E., Atlanta, Ga.
 Sheaffer Pen Co., W. A., Ft. Madison, Iowa.
 Wahl Co., The, 1800 Roscoe, Chicago, Ill.

318 PENCILS, LEAD

(See also Supplies)

American Lead Pencil Co., 500 Willow Ave., Hoboken, N. J.
 Dixon Crucible Co., Jos., Wayne & Monmouth, Jersey City, N. J.
 Dur-O-Lite Pencil Co., 2019 N. Neva Ave., Chicago, Ill.
 Eagle Pencil Company, 703 E. 13th St., New York, N. Y.
 Eberhard Faber Pencil Co., 37 Greenpoint Ave., Brooklyn, N. Y.
 General Pencil Co., 67 Fleet, Jersey City, N. J.
 Gordon Pen Co., 450 Palisades, West New York, N. J.
 Hoge Mfg. Co., 23 E. 21st, New York, N. Y.
 Imprint Pencil Co., 122 Fifth Ave., New York, N. Y.
 Koh-I-Noor Pencil Co., Inc., 34 E. 23d, New York, N. Y.
 Murphy Co., Thos. D., 110 S. 2d, Red Oak, Ia.

North American Pencil Works, 126 S. Clinton, Chicago, Ill.
 Parker Pen Co., Janesville, Wis.
 Sheaffer Pen Co., W. A., Ft. Madison, Ia.
 Ullrich & Co., J., 161 Washington, New York, N. Y.
 United States Pencil Co., Inc., 487 Broadway, New York, N. Y.
 Wahl Co., The, 1800 Roscoe, Chicago, Ill.

319 PENHOLDERS

American Lead Pencil Co., 500 Willow Ave., Hoboken, N. J.
 Brown & Bigelow, Quality Park, St. Paul, Minn.
 Eagle Pencil Company, 703 E. 13th St., New York, N. Y.
 Eberhard Faber Pencil Co., 37 Greenpoint Ave., Brooklyn, N. Y.
 Esterbrook Steel Pen Mfg. Co., 10 Cooper St., Camden, N. J.
 Folis Advertising Service, W. E., 159 N. State, Chicago, Ill.
 General Pencil Co., 67 Fleet St., Jersey City, N. J.
 Imprint Pencil Co., Inc., 122 Fifth Ave., New York, N. Y.
 Martin Co., The Frank, Marshall Bldg., Cleveland, Ohio.
 North American Pencil Works, 126 S. Clinton, Chicago, Ill.
 Twentieth Century Co., 542 S. Dearborn, Chicago, Ill.
 Typo Trading Co., The., 65 Duane, New York, N. Y.

320 PENS, FOUNTAIN

Autopoint Co., 1807 Foster Ave., Chicago, Ill.
 Carter's Ink Co., 239 First, Cambridge, Mass.
 Conklin Pen Co., Factories Bldg., Toledo, O.
 Eagle Pencil Company, 703 E. 13th St., New York, N. Y.
 Esterbrook Steel Pen Mfg. Co., 10 Cooper St., Camden, N. J.
 Ingersoll Dollar Pen Co., Chas. H., 545 N. Arlington Ave., E. Orange, N. J.
 Moore Pen Co., 29 Melcher, Boston, Mass.
 Parker Pen Co., Janesville, Wis.
 Sengbusch Self-Closing Inkstand Co., 2218 Clybourn, Milwaukee, Wis.
 Sheaffer Pen Co., W. A., Ft. Madison, Iowa.
 Ullrich & Co., J., 161 Washington, New York, N. Y.
 Wahl Company, 1800 Roscoe, Chicago, Ill.
 Waterman Co., L. E., 191 Broadway, New York, N. Y.

321 PENS, STEEL (MFRS.)

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

PERFORATORS

(See Machines, Perforating)

PERMIT MAILING MACHINES

(See Machines, Mailing Permit)

322 PERSONAL SOLICITATION

(NEW ACCOUNTS)

Bankers Development Corp., 31 Nassau, New York, N. Y.
 Bankers Service Corp., 19 Warren, New York, N. Y.
 The Bankette Company, Inc., 88 Broad St., Boston, Mass.
 Banthrico Inc., 2944 W. Lake, Chicago, Ill.
 Haines Mfg. Co., 84 Exchange, Rochester, N. Y.
 MASTER THEFT SYSTEM, INC., 740 N. Plankinton Ave., Milwaukee, Wis.
 Savings Service Co., The, 1587 E. Blake, Columbus, O.
 Smith Associates, Inc., T. Harris, 231 S. La Salle, Chicago, Ill.; 123 S. Broad, Philadelphia, Pa.
 Statter Bros., A. J. G., 2514 Delaware Ave., Buffalo, N. Y.

323 PHOTOGRAPHIC IDENTIFICATION APPARATUS

Identiscope Co. of America, 2183 E. 18th, Cleveland, Ohio.

324 PHOTOSTATS

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

325 PINS, MAP

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

326 PNEUMATIC TUBES

Lamson Co., Syracuse, N. Y.

PORTFOLIOS

(See Leather Goods)

POSTAL SCALES

(See Scales)

327**POSTERS**

Bankers Service Corp., 19 Warren, New York, N. Y.
 Banthrico Inc., 2944 W. Lake, Chicago, Ill.
 Bauder-Baker, 225 N. Michigan Ave., Chicago, Ill.
 Blodgett Co., Harvey, 551 5th Ave., New York, N. Y.
 Davis Bulletin Co., Inc., 12 Lock St., Buffalo, N. Y.
 Donaldson Lithograph Co., 6th and Washington, Newport, Ky.
 Elliott Service Co., Inc., 242-250 W. 55th, New York, N. Y.
 Financial Displays, Inc., 360 E. Grand Ave., Chicago, Ill.
 Meyercood Co. (The), 120 S. La Salle, Chicago, Ill.
 Onli-Wa Fixture Co., St. Paul Ave., Dayton, Ohio.
 Price, Henry F., 15 E. 40th, New York, N. Y.
 Schmidt Lithograph Co., 461 Second, San Francisco, Cal.
 Smith Co., K. L., 1486 Union Tr. Bldg., Cleveland, Ohio.
 Sunset System, 2323 Broadway, San Antonio, Tex.

PREMIUMS

(See Specialties Advertising, also specific headings)

PRESS CLIPPINGS

(See Newspaper Clippings)

328**PRESSES, SEAL**

Downey Co., C. L., 943-47 Clark, Cincinnati, Ohio.
 Eagle Stamp Works, Inc., 162 N. Franklin, Chicago, Ill.
 Porter Safety Seal Co., 265 N. California Ave., Chicago, Ill.
 Safford Stamp Works, 205 W. Madison, Chicago, Ill.

329**PRINTING**

(See also specific headings)

Adams Lithographing & Printing Co., 116 W. 2d, Pine Bluff, Ark.
 Aetna Stationers, Inc., 622 E. 67th, Chicago, Ill.
 Allen-Marshall Co., Ivan, 40 Marietta, Atlanta, Ga.
 American Bank Stationery Co., Curtain, Aiken, Hargest & Aisquith Sts., Baltimore, Md.
 American Bank Supply Co., 628 N. Illinois, Indianapolis, Ind.
 Arkansas Printing & Lithographing Co., 1000 Center, Little Rock, Ark.
 Banco-General Printing Co., 836 Montgomery St., San Francisco, Calif.
 BARNARD STATIONERY CO., GEO. D., 3863 Laclede Ave., St. Louis, Mo.
 Beach Ptg. Co., Will A., 235 N. Phillips Ave., Sioux Falls, S. D.
 Benson & Sons, Inc., Benj. D., 11 Cliff, New York, N. Y.
 Brandon Printing Co., Nashville, Tenn.
 Brown-Blodgett Co., 1745 University Ave., St. Paul, Minn.
 Brown, Lent & Pett, Inc., 110 William, New York, N. Y.
 The Burke Printing Co., 633 Monroe, Fredonia, Kan.
 Bushong & Co., Inc., Park & Stark, Portland, Ore.
 Buxton & Skinner Ptg. & Sta. Co., 306 N. 4th St., St. Louis, Mo.
 Central Banknote Co., 319 N. Albany, Chicago, Ill.
 Childs & Co., S. D., 136 S. Clark, Chicago, Ill.
 Clarke & Courts, 2402 Mechanic, Galveston, Tex.
 Clark Service (div. of Clark Printing House, Inc., 821 Cherry, Philadelphia, Pa.)
 Cookrum Printing Co., J. W., Oakland City, Ind.
 Columbian Bank Note Co., 500 S. Ashland, Chicago, Ill.
 Commercial Lithograph Co., 825 W. Market, Louisville, Ky.
 Courier-Journal Job Printing Co., 316-328 W. Liberty, Louisville, Ky.
 Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 Dameron-Pierson Company, Ltd., 400 Camp, New Orleans, La.
 Dodsworth Stationery Co., Sam'l., 412-414 W. 10th, Kansas City, Mo.
 Donnelley & Sons Co., R. R., 350 E. 22nd, Chicago, Ill.
 Doubleday Bros. & Co., 241 E. Michigan Ave., Kalamazoo, Mich.
 Dow Co., Louis F., 2242 University Ave., St. Paul, Minn.
 Drew Co., The H. & W. B., 22 W. Bay, Jacksonville, Fla.
 Du Bois Press, 637 Broadway, Rochester, N. Y.
 Egry Register Co., 429 E. Monument Ave., Dayton, Ohio.
 Exline Co., 113 St. Clair Ave., N. E., Cleveland, O.
 Falconer Co., 414 Water, Baltimore, Md.
 Farnham Printing & Stationery Co., 417-419 Hennepin, Minneapolis, Minn.
 Fidelity Press, 368 Congress St., Boston, Mass.
 Flammger & Grahl Blank Book Co., 318 N. Third, St. Louis, Mo.
 Foote & Davies Co., Edgewood & Pryor, Atlanta, Ga.
 FORT WAYNE PRINTING CO., 115 E. Brackenridge, Fort Wayne, Ind.
 Griffith-Stillings Press, 368 Congress, Boston, Mass.
 Hadley Co., Charles R., 330 N. Los Angeles, Los Angeles, Calif.
 Hall Co., J. C., 68 W. Exchange, Providence, R. I.
 Hall Lithographing Co., 623 Kansas Ave., Topeka, Kan.
 Hammond Printing Co., 101-5 E. 5th, Fremont, Neb.

PRINTING—Continued

Hutson & Co., C. S., 555-561 S. San Pedro, Los Angeles, Calif.
 Irwin-Hodson Co., 115 N. 15th, Portland, Ore.
 The Joplin Printing Co., Inc., 509-15 Joplin, Joplin, Mo.
 Kansas Bank Note Co., Fredonia, Kan.
 Kennedy Printing Co., 609-611 Monroe, Fredonia, Kan.
 Klinto Loose Leaf Co., 15-17 S. Delaware, Mason City, Iowa.
 Le Febure Corporation, Cedar Rapids, Ia.
 Levey Printing Co., State House Square, Indianapolis, Ind.
 Lloyd Co., W. C., 626 S. Clark, Chicago, Ill.
 Long Island Printing & Lithographing Co., Inc., 137 Jackson, Hempstead, N. Y.
 Mann Co., Wm., 529 Market, Philadelphia, Pa.
 Martell Co., A. E., Keene, N. H.
 Marx-Lyons Co., 23 N. 10th, Philadelphia, Pa.
 Master-Craft Corp., 825 Cobb Ave., Kalamazoo, Mich.
 Mendle Printing Co., 325 N. 3d, St. Louis, Mo.
 Miller Davis Co., 219 S. 4th, Minneapolis, Minn.
 Moore Corporation, John C., 65 Stone, Rochester, N. Y.
 Northern Bank Note Co., 2340 N. Racine Ave., Chicago, Ill.
 Orthwine, R., 344 W. 34th, New York, N. Y.
 Patrick and Moise-Klinkner Co., 560 Market, San Francisco, Calif.
 Pavey Envelope & Tag Co., 36 Green, Newark, N. J.
 Pembroke Co., 24 E. Broadway, Salt Lake City, Utah.
 Pettibone & Co., P. F., 27 N. Desplaines, Chicago, Ill.
 Pioneer, Inc., 12th & A, Tacoma, Wash.
 Price, Henry F., 15 E. 40th, New York, N. Y.
RAND McNALLY & CO., 536 S. Clark, Chicago, Ill.
 Remington Rand, Inc., Buffalo, N. Y.
 Reserve Litho. & Ptg. Co., Caxton Bldg., Cleveland, Ohio.
 Reynolds & Reynolds Co., Washington & Dudley, Dayton, Ohio.
 Richmond & Backus Co., Woodward at Congress, Detroit, Mich.
 Schooley Printing & Stationery Co., 718 Delaware, Kansas City, Mo.
 Schwabacher-Frey Co., 735 Market, San Francisco, Calif.
 Sebastian & Co., 224 N. Desplaines, Chicago, Ill.
 Shelby Salesbook Co., High School Ave., Shelby, O.
 Smith-Brooks Printing Co., 1733-47 California, Denver, Colo.
 Smith Co., Oscar T. & Son, 407-411 E. Saratoga, Baltimore, Md.
 Smith Ptg. Co., 225-239 E. 3d, Williamsport, Pa.
 Southern States Ptg. Co., Inc., 120 E. Taylor, Griffin, Ga.
 Stafford-Lowden Co., 610 W. Daget, Ft. Worth, Tex.
 Standard Bank Note Co., 351 E. Ohio, Chicago, Ill.
 Standard Printing Co., 201-205 N. 3d, Hannibal, Mo.
 Stephens Lithographing & Engr. Co., 420 N. 2d, St. Louis, Mo.
 Thompson & Co., Arthur, 109 Market Place, Baltimore, Md.
 Todd Co., The, 1185 University Ave., Rochester, N. Y.
 Toof & Co., S. C., 195 Madison, Memphis, Tenn.
 Van Clief Lithographing Co., 2708-12 Wabash Ave., Chicago, Ill.
 Walker, Evans & Cogswell Co., 3 Broad, Charleston, S. C.
 Walker Litho. & Ptg. Co., 114 W. 4th, Dayton, O.
 Watt & Gillogly Inc., 105 S. Dearborn, Chicago, Ill.
 Western Lithograph Co., 600 E. 2d, Los Angeles, Cal.
 Western Lithograph & Office Supply Co., Wichita, Kans.
 Woodbury Co., Inc., Chadwick Sq., Worcester, Mass.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.
 Young & Selden Co., Calvert & Saratoga, Baltimore, Md., Philadelphia and Pittsburgh.

PROTECTIVE DEVICES

(See Burglar Alarms, and Locks)

330 PROTECTIVE EQUIPMENT

Acme Wire and Iron Works, 12340 Cloverdale, Detroit, Mich.
 American District Telegraph Co., 155 6th Ave., New York, N. Y.
 Consolidated Expanded Metal Companies, Wheeling Steel Bldg., Wheeling, W. Va.
 Diebold Safe & Lock Co., 818 Mulberry Rd., S. E., Canton, Ohio.
 Federal Laboratories, Inc., 185 41st Street, Pittsburgh, Pa.
 Holmes Electric Protective Co., 370 7th Ave., New York, N. Y.
 Shaw-Walker Co., The, Muskegon, Mich.
 Taylor-Palmer Co., 49 E. Wells, Milwaukee, Wis.

331 PROTECTORS, CHECK

Arnold Check Writer Co., Inc., Flint, Mich.
 Defiance Mfg. Corporation 536 Mitchell, Orange, N. J.
 Electromatic Typewriters, Inc., 45 Crouch, Rochester, N. Y.
 Fields, Harry R., 624 Boardman Ave., Orlando, Fla.
 Hall-Welter Co., Inc., 183 St. Paul, Rochester, N. Y.
 Hedman Mfg. Co., 1158 Center, Chicago, Ill.

The Humphrey Co., 177 Broadway, New York, N. Y.
 International Postal Supply Co., 634 Prospect Place, Brooklyn, N. Y.
 National Cash Register Co., Dayton, Ohio.
 Remington Rand, Inc., Buffalo, N. Y.
 Riteall Checkwriter Corporation, 113 N. Water, Rochester, N. Y.
 Safe-Guard Corporation, Walnut St., Landsdale, Pa.
 Todd Co., 1185 University Ave., Rochester, N. Y.

332 PUBLICATIONS, FINANCIAL

(See also Magazines, Banking)
BANKERS SERVICE BULLETIN, THE, 536 S. Clark St., Chicago, Ill.
BANKERS MONTHLY, THE, 536 S. Clark St., Chicago, Ill.
 Financial Publishing Co., 9 Newbury, Boston, Mass.

333 PUNCHES, BOND & TICKET

Eagle Stamp Works, Inc., 162 N. Franklin, Chicago, Ill.
 Safford Stamp Works, 205 W. Madison, Chicago, Ill.

334 PUNCHES, PAPER

American Perforator Co., 612 W. Jackson Blvd., Chicago, Ill.
 Aceo Products, Inc., 39th Ave. & 24th., Long Island City, N. Y.
 Challenge Machinery Co., The, Beech Tree St., Grand Haven, Mich.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Remington Rand, Inc., Buffalo, N. Y.

335 RACKS, CALENDAR (METAL)

Bar-Trex Mfg. Co. Martin Bldg., Birmingham, Ala.
 Davenport-Taylor Corp., 412 Orleans, Chicago, Ill.
 Flour City Ornamental Iron Co., 27th Ave. & 27th St., Minneapolis, Minn.
 General Bronze Corp., 3744 N. Booth, Milwaukee, Wis.
 Mount & Robertson, Inc., 62 Broad, New York, N. Y.
 Consolidated Expanded Metal Companies, Wheeling Steel Bldg., Wheeling, W. Va.
 Nachtgall Mfg. Co., 237 S. Front, Grand Rapids, Mich.
 Twentieth Century Co., 542 S. Dearborn, Chicago, Ill.
 Watson Mfg. Co., Jamestown, N. Y.

336 RACKS, CHECK

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

337 RACKS, DRAFT & NOTE

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

338 RACKS, FILING

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

339 RACKS, MAGAZINE & NEWSPAPER

Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
 The Davis Metal Fixture Co., 615 Brook, Lansing, Mich.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Motion Publicity, Inc., 400 River, Ypsilanti, Mich.
 Remington Rand, Inc., Buffalo, N. Y.
 Watson Mfg. Co., Jamestown, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

340 RACKS, MECHANICAL POSTING

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

341 RACKS, RUBBER STAMP

Darling Co., J. C., 734 Kansas Ave., Topeka, Kan.
 Eagle Stamp Works, Inc., 162 N. Franklin, Chicago, Ill.
 Force & Co., Inc., Wm. A., 105 Worth, New York, N. Y.
 Hoge Mfg. Co., 23 E. 21st., New York, N. Y.
 Martin & Co., 227 W. Madison, Chicago, Ill.
 Melind Co., Louis, 362 W. Chicago Ave., Chicago, Ill.
 Patrick and Moise-Klinkner Co., 560 Market, San Francisco, Calif.
 Safford Stamp Works, 205 W. Madison, Chicago, Ill.
 Swisher Mfg. Co., The R. D., 411-413 S. Clinton, Chicago, Ill.

RAILINGS

(See Fixtures, Bank and Office)

342 RAIN GAUGES

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

343 RECORDERS, TIME

(See also Stamps, Time)
 Calculagrap Co., 50 Church, New York, N. Y.
 Cincinnati Time Recorder Co., 1733 Central, Cincinnati, O.
 Follet Time Recording Co., 217 High, Newark, N. J.
 Howard Clock Co., E., 206 E. Eustis, Boston, Mass.
 Instograph, Ltd., 12141 High, Oakland, Calif.
 International Business Machines Corporation, 270 Broadway, New York, N. Y.
 Joslin Mfg. Co., A. D., 123 Arthur, Manistee, Mich.
 Kastens Co., Henry, 417 W. 27th, New York, N. Y.
 Stromberg Electric Co., 223 W. Erie, Chicago, Ill.

RECORDS, VISIBLE

(See Visible Records)

344 REFLECTORS

Curtis Lighting, Inc., 1123 W. Jackson, Chicago, Ill.
 Faries Mfg. Co., 1036 E. Grand Ave., Decatur, Ill.
 Frink Corp., 23-10 Bridge Plaza So., Long Island City, N. Y.
 Guth Co., Edwin F., 2615 Washington Blvd., St. Louis, Mo.
 Pittsburgh Reflector Co., 403-11 Oliver Bldg., Pittsburgh, Pa.
PRICE BROTHERS, INC., 2644 N. Maplewood, Chicago, Ill.
 Reflector & Illuminating Co., 1431-35 W. Austin Ave., Chicago, Ill.
 Remington Rand, Inc., Buffalo, N. Y.
 Viking Products Corp., 422 W. 42d, New York, N. Y.
 Westinghouse Electric & Mfg. Co., E. Pittsburgh, Pa.

345 REGISTERS, AUTOGRAPHIC

American Sales Book Co., Ltd., Elmira, N. Y.
 Egly Register Co., 429 E. Monument Ave., Dayton, Ohio.
 Hamilton Autographic Register Co., 802 Symmes Ave., Hamilton, O.
 National Cash Register Co., Dayton, O.
 Shelby Salesbook Co., High School Ave., Shelby, O.
 Standard Register Co., Albany and Campbell, Dayton, O.
 United Autographic Register Co., 5000 S. Calif. Ave., Chicago, Ill.

346 REGISTERS, BANK

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

347 REGISTERS, CASH

Burroughs Adding Machine Co., 6071 Second Blvd., Detroit, Mich.
 National Cash Register Co., Dayton, O.

348 REGISTERS, DISCOUNT
 (See also Registers, Bank)
 Le Febure Corporation, Cedar Rapids, Ia.
 National Blank Book Co., Riverside, Holyoke
 Mass.
 Remington Rand, Inc., Buffalo, N. Y.
 Richmond & Backus Co., Woodward at Congress,
 Detroit, Mich.

349 REGISTERS, MORTGAGE
 (See also Registers, Bank)
 Le Febure Corporation, Cedar Rapids, Ia.
 Remington Rand, Inc., Buffalo, N. Y.
 Richmond & Backus Co., Woodward at Congress,
 Detroit, Mich.

350 REGISTERS, NOTE & LOAN
 Le Febure Corporation, Cedar Rapids, Ia.
 Remington Rand, Inc., Buffalo, N. Y.
 Richmond & Backus Co., Woodward at Congress,
 Detroit, Mich.
 Union Savings Systems Co., 131 N. Duke, Lan-
 caster, Pa.

351 REINFORCING, VAULT
 Consolidated Expended Metal Companies, Wheel-
 ing Steel Bldg., Wheeling, W. Va.
 Lock Steel Co., 725 Grant Bldg., Pittsburgh, Pa.
 Rivet-Grip Steel Company, The, 2404 Prospect
 Ave., Cleveland, O.
 York Safe & Lock Co., York, Pa.

352 RIBBONS, TYPEWRITER
 Buckeye Ribbon & Carbon Co., 1458 E. 55th,
 Cleveland, Ohio.
 Carter's Ink Co., 239 First, Cambridge, Mass.
 Columbia Ribbon & Carbon Mfg. Co., Inc., Glen
 Cove, Long Island, N. Y.
 Crown Ribbon & Carbon Mfg. Co., 782 St. Paul,
 Rochester, N. Y.
 Ditto, Inc., 2243 W. Harrison, Chicago, Ill.
 Enduro Mfg. Co., 14 Franklin, Rochester, N. Y.
 Franklin-Kelly Co., 75 W. Van Buren, Chicago, Ill.
 Keelox Mfg. Co., Rochester, N. Y.
 Little, Inc., A. P., 100 S. Fitzhugh, Rochester,
 N. Y.
 Marr Duplicator Co., 53 Park Pl., New York, N. Y.
 Miller-Bryant-Pierce Co., 189 S. River, Aurora, Ill.
 Mittag & Volger, Inc., Park Ridge, N. Y.
 Neidich Process Co., Burlington, N. Y.
 Phillips Ribbon & Carbon Co., Inc., 61 Halstead,
 Rochester, N. Y.
 Remington Rand, Inc., Buffalo, N. Y.
 Rochester Ribbon & Carbon Co., Inc., 38 Browns
 Race, Rochester, N. Y.
 Royal Typewriter Co., Inc., 316 Broadway, New
 York, N. Y.
 Shallcross Co., The, Philadelphia, Pa.
 Storms Co., H. M., 561 Grand Ave., Brooklyn,
 N. Y.
 Webster Co., F. S., 340 Congress, Boston, Mass.

353 ROLLS, ADDING MACHINE
 American Sales Book Co., Ltd., Elmira, N. Y.
 C. Benninghofen & Sons, Hamilton, O.
 Burroughs Adding Machine Co., 6071 Second
 Blvd., Detroit, Mich.
 Columbia Ribbon & Carbon Mfg. Co., Inc., Glen
 Cove, Long Island, N. Y.
 La Salle Paper Co., 855 W. Adams, Chicago, Ill.
 National Cash Register Co., Dayton, Ohio.
 Remington Rand, Inc., Buffalo, N. Y.
 Victor Adding Machine Co., 3900 N. Rockwell,
 Chicago, Ill.
 Young & Selden Co., Calvert & Saratoga, Baltimore,
 Md., Philadelphia and Pittsburgh.
 Zimmerman Bros. & Co., 4020 Michigan Ave., Chi-
 cago, Ill.

RUBBER BANDS
 (See Supplies, Bank & Office)

RUBBER STAMPS
 (See Stamps, Rubber)

RULED FORMS
 (See Forms, Bank)

354 RULERS, ADVERTISING
 Advertising Specialty Co., 508 Ryan Bldg., St.
 Paul, Minn.
 Follis Advertising Service, W. E., 159 N. State,
 Chicago, Ill.
 Kohl & Co., Inc., P. J., 224-230 W. Huron, Chicago,
 Ill.

S

355 SAFE DEPOSIT RECORDS
 Acme Card System Co., 8 S. Michigan Ave.,
 Chicago, Ill.
 Hamilton Autographic Register Co., 802 Symmes
 Ave., Hamilton, O.
 Le Febure Corporation, Cedar Rapids, Ia.
 Martell Co., A. E., Keene, N. H.
 Pressteel Engineering Corp., 52 Vanderbilt Ave.,
 New York, N. Y.
 Remington Rand, Inc., Buffalo, N. Y.
YALE & TOWNE MFG. CO., Stamford, Conn.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Roches-
 ter, N. Y.

356 SAFES, FILING
 Art Metal Construction Co., Jones & Gifford Ave.,
 Jamestown, N. Y.
 Berger Mfg. Co., 1038 Belden Ave., Canton, O.
 Cary Safe Co., 1200 Niagara, Buffalo, N. Y.
 Diebold Safe & Lock Co., 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.
 Gross-Feibel Co., Fair & Elm, Hillsboro, Ohio.
 Herring-Hall-Marvin Safe Co., Grand Blvd.,
 Hamilton, Ohio.
 The Joplin Printing Co., Inc., 509-15 Joplin,
 Joplin, Mo.
 Macey Co., The, 1520 Division Ave., S., Grand
 Rapids, Mich.
 Meilink Steel Safe Co., 1672 Oakwood, Toledo, O.
 Metal Office Furniture Co., Grand Rapids, Mich.
 The Mosler Safe Company, Hamilton, Ohio.
 National Safe & Lock Co., 2345 E. 69th, Cleve-
 land, Ohio.
 Norris Safe & Lock Co., 114 Third Ave., S., Seattle,
 Wash.
 Remington Rand, Inc., Buffalo, N. Y.
 Shaw-Walker Co., Muskegon, Mich.
 Watson Mfg. Co., Jamestown, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Roches-
 ter, N. Y.

357 SAFES, FIRE & BURGLAR PROOF
 Art Metal Construction Co., Jones & Gifford Ave.,
 Jamestown, N. Y.
 Cary Safe Co., 1200 Niagara, Buffalo, N. Y.
 Collins Safe & Fixture Co., W. D., 513 W. Main,
 Denison, Texas.
 Diebold Safe & Lock Co., 818 Mulberry Rd., S. E.,
 Canton, Ohio.
 General Fireproofing Co., Youngstown, Ohio.
 Gross-Feibel Co., Fair & Elm, Hillsboro, Ohio.
 Herring-Hall-Marvin Safe Co., Grand Blvd.,
 Hamilton, Ohio.
 Meilink Steel Safe Co., 1672 Oakwood Ave.,
 Toledo, Ohio.
 Mosler Safe Co., Hamilton, Ohio.
 National Safe & Lock Co., 2345 E. 69th, Cleve-
 land, Ohio.
 Norris Safe & Lock Co., 114 Third Ave., S., Seattle,
 Wash.
 Remington Rand, Inc., Buffalo, N. Y.

Remington & Sherman Co., 1545 N. Delaware
 Ave., Philadelphia, Pa.
 Shaw-Walker Co., The, Muskegon, Mich.
 Victor Safe & Equipment Co., Marietta, Ohio.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Roches-
 ter, N. Y.
 York Safe & Lock Co., York, Pa.

358 SAFES, MANGANESE STEEL
 Cary Safe Co., 1200 Niagara, Buffalo, N. Y.
 Diebold Safe & Lock Co., 818 Mulberry Rd., S. E.,
 Canton, Ohio.
 Herring-Hall-Marvin Safe Co., Grand Blvd.,
 Hamilton, Ohio.
 Mosler Safe Co., Hamilton, Ohio.
 National Safe & Lock Co., 2345 E. 69th, Cleveland,
 Ohio.
 Norris Safe & Lock Co., 114 Third Ave., S., Seattle,
 Wash.
 York Safe & Lock Co., York, Pa.

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

360 SAFES, WALL
 Diebold Safe & Lock Co., 818 Mulberry Rd., S. E.,
 Canton, Ohio.
 Gross-Feibel Co., Fair & Elm, Hillsboro, Ohio.
 Meilink Steel Safe Co., 1672 Oakwood Ave.,
 Toledo, Ohio.
 The National Safe and Lock Co., 2345 E. 69th,
 Cleveland, Ohio.
 York Safe & Lock Co., York, Pa.

SAFETY PAPER
 (See Paper, Safety)

361 SAND URNS
 Farber, Inc., S. W., 141-151 S. 5th St., Brooklyn,
 N. Y.
 Faries Mfg. Co., 1036 E. Grand Ave., Decatur, Ill.

362 SAVINGS BANKS, HOME & POCKET
 American Art Works, Inc., Coshocton, Ohio.
 Automatic Recording Safe Co., 35 E. Wacker
 Drive, Chicago, Ill.
 Bankers Development Corp., 31 Nassau, New
 York, N. Y.
 Bankers Savings & Credit System Co., 10302
 Madison Ave., Cleveland, Ohio.
 Bankers Service Corp., 19 Warren, New York, N.Y.
 Bankers Thrift Book Co., Inc., 529 S. 7th, Minne-
 apolis, Minn.
 Bankers Utilities Co., Inc., 268-88 First, San Fran-
 cisco, Calif.
**THE BANKETTE COMPANY, INC., 88 Broad
 St., Boston, Mass.**
BANTHRICO INC., 2944 W. Lake, Chicago, Ill.
 (See our adv. on this page.)
 Call's Bankers Service Corp., 321-327 Pear,
 Scranton, Pa.
 Chicago Thrift Co., 1100 Washington Blvd.,
 Chicago, Ill.
 Dudley Lock Corporation, 26 N. Franklin, Chicago,
 Ill.
 Durable Toy & Novelty Corp., 215 4th Ave.,
 New York, N. Y.
 Earl Service for Banks, Boston (Melrose), Mass.
 Felsenthal & Sons, G., 4110 W. Grand Ave.,
 Chicago, Ill.



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SAVINGS BANKS, HOME AND POCKET—Continued

Hockswender Co., B. H., 711 Penn. Ave., Pittsburgh, Pa.
 L'Enfant-Oley-Martine Mfg. Corp., 99-101 Fifth Ave., New York, N. Y.
 Martin Co. (The Frank), Marshall Bldg., Cleveland, O.
MASTER THRIFT SYSTEM, INC., 740 N. Plankinton Ave., Milwaukee, Wis.
 Miller Bank Service, 5775 Ridge, Chicago, Ill.
MORAN, B. T., INC., 400 N. Michigan Ave., Chicago, Ill.
 Moreland Business Builders, Inc., 107 N. Wacker Drive, Chicago, Ill.
 National Bank Supply Co., Inc., 60 Spring, New York, N. Y.
 Nutry, John, 85 Adams, Brooklyn, N. Y.
 Nutry & Cook Mfg. Co., Inc., 199 Cook, Brooklyn, N. Y.
 Parisian Novelty Co., 3510 S. Western Ave., Chicago, Ill.
 Rehberger Co., A. C., 3333 N. Racine Ave., Chicago, Ill.
REHBERGER MFG. CO., 1217 Webster Ave., Chicago, Ill.
 Richmond & Backus Co., Woodward at Congress, Detroit, Mich.
 Savings Service Co., The, 1587 E. Blake Ave., Columbus, O.
 Speer Calendar Bank Co., Inc., 110 E. Wisconsin Ave., Milwaukee, Wis.
 Spiegel Display Co., Inc., 521 W. Monroe, Chicago, Ill.
 Strayer Coin Bag Co., 1028 4th Ave., New Brighton, Pa.
 Thrift Development Corp., 206 S. Spring, Los Angeles, Calif.
 Thrift Service Co., 2128 Richland Ave., Cleveland, Ohio
 Thrift Systems Co., Inc., 31 Nassau, New York, N. Y.
 Twentieth Century Co., 542 S. Dearborn, Chicago, Ill.
WHITE BRASS CASTINGS CO., 1656 W. Austin Ave., Chicago, Ill. (See our adv. on this page.)

363 SAVINGS BANKS (SPECIAL DESIGN)

American Art Works, Inc., Coshocton, Ohio.
 Bankers Utilities Co., Inc., 268-88 First, San Francisco, Calif.
 Banthrico Inc., 2944 W. Lake, Chicago, Ill.
 Call's Bankers Service Corp., 321-327 Pear, Scranton, Pa.
 Chicago Thrift Co., 1100 Washington Blvd., Chicago, Ill.
 Garber Co., A. L., Orange St., Ashland, Ohio.
 The Miller Bank Service, 5775 Ridge Ave., Chicago, Ill.
 Moreland Business Builders, Inc., 107 N. Wacker Drive, Chicago, Ill.
 Rehberger Co., A. C., 3333 N. Racine Ave., Chicago, Ill.
 Rehberger Mfg. Co., 1217 Webster Ave., Chicago, Ill.
 Speer Calendar Bank Co., 110 E. Wisconsin Ave., Milwaukee, Wis.
 Thrift Development Corp., 206 S. Spring, Los Angeles, Calif.
 Zell Products Corp., 536 Broadway, New York, N. Y.

SAVINGS DEPT. FORMS

(See Forms, Bank)

364 SAVINGS SYSTEMS

(See also specific headings: Christmas Savings, Industrial Savings, School Savings, etc.)
 Bankers Development Corp., 31 Nassau, New York, N. Y.
 Bankers Utilities Co., Inc., 268-88 First, San Francisco, Calif.
 Burroughs Adding Machine Co., 6071 Second Blvd., Detroit, Mich.

Call's Bankers Service Corp., 321-327 Pear, Scranton, Pa.
 Christmas Club, a division of National Bancservice Corp., 45 W. 45th New York, N. Y.
 Doubleday Bros. & Co., 241 E. Michigan Ave., Kalamazoo, Mich.
 Findex Company, 1560 W. Pierce, Milwaukee, Wis.
 Flak Finger Print System, 1 Liberty, New York, N. Y.
 L'Enfant-Oley-Martine Mfg. Corp., 99-101 Fifth Ave., New York, N. Y.
MASTER THRIFT SYSTEMS, INC., 740 N. Plankinton Ave., Milwaukee, Wis.
 National Bancservice Corp., 461 8th Ave., New York, N. Y.
 Remington Rand, Inc., Buffalo, N. Y.
 Security Savings Systems, Inc., 195 Madison, Memphis, Tenn.
 Shaw-Walker Co., The, Muskegon, Mich.
 Standard Christmas Club Co., 435 N. Michigan Ave., Chicago, Ill.
 Thrift Systems Co., Inc., 31 Nassau, New York, N. Y.
 Watt & Gillogly Inc., 105 S. Dearborn, Chicago, Ill.

365 SCALES (PARCEL POST, POSTAL, ETC.)

Dayton Scale Co., (Div. of Int. Business Machines Corp., 270 Broadway, N. Y.) 448 Huffman Ave., Dayton, Ohio.
 Hanson Scale Co., 525 N. Ada, Chicago, Ill.
 International Business Machines Corporation, 270 Broadway, New York, N. Y.
 International Scale Co., 270 Broadway, New York, N. Y.
 Toledo Scale Co., 3216 Monroe, Toledo, Ohio.
 Triner Postoffice Scales Co., 222 N. Bank Dr., Chicago, Ill.

366 SCHOOL SAVINGS

American Banking Machine Corp., 120 N. Washington Ave., Saginaw, Mich.
 American Beauty Cover Co., 1900 Orange, Dallas, Tex.
 Educational Thrift Service, Inc., 233 Broadway, New York, N. Y.
 Remington Rand, Inc., Buffalo, N. Y.
 School Thrift, Inc., 22 E. 40th, New York, N. Y.
 Standard Savings Service, Inc., 107 Sixth, Pittsburgh, Pa.
 Thrift, Inc., 154 Marion, Oak Park, Ill.
 Union Savings Systems Co., 131 Duke, Lancaster, Pa.

367 SCHOOLS, CORRESPONDENCE

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

SCREENS, COUNTER
 (See Grille Work)

368 SCREENS, SAFETY DEPOSIT

American Fixture Co., 16th & Bellefontaine, Kansas City, Mo.
 American Iron & Wire Works, 1621 Carroll, Chicago, Ill.
 Chicago Architectural Bronze Co., 1948 W. Ohio, Chicago, Ill.
 Cincinnati Mfg. Co., Gest & Evans St., Cincinnati, Ohio.
 Flour City Ornamental Iron Co., 27th Ave. & 27th St., Minneapolis, Minn.
 General Bronze Corp., 3744 N. Booth, Milwaukee, Wis.
 Illinois Bronze & Iron Works, 915-23 S. Kildare Ave., Chicago, Ill.
 Michaels Art Bronze Co., Inc., 231-239 Court, Covington, Ky.
 Nachtgall Mfg. Co., 237-45 S. Front, Grand Rapids, Mich.
 Tyler Co., The W. S., 3615 Superior Ave., Cleveland, O.
 Womack & Sons, J. P., Inc., Lakewood Ave., Atlanta, Ga.

SCRUBBING MACHINES

(See Machines, Scrubbing)

SEAL PRESSES

(See Presses, Seal)

SEALERS, ENVELOPE

(See Machines, Sealing, Envelopes)

369 SEALING DEVICES, ENVELOPE

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

SEALING WAX

(See Wax, Sealing)

370 SEALS

Acme Stamp Co., 1104 Prospect Ave., Cleveland, O.
 American Seal & Stamp Co., 120 S. Clark, Chicago, Ill.
 Ames Safety Envelopes, 610 Atlantic Ave., Boston, Mass.
 Atlanta Rubber Stamp & Stencil Works, 76 Forsyth, N. W., Atlanta, Ga.
 Bankers & Merchants Stamp Works, 3225 Sheffield Ave., Chicago, Ill.
 Bankers Savings & Credit System Co., 10302 Madison Ave., Cleveland, O.
 Brakmeier Bros., 112 S. 4th Ave., Louisville, Ky.
 Darling Co., J. C., 734 Kansas Ave., Topeka, Kan.
 Eagle Stamp Works, Inc., 162 N. Franklin, Chicago, Ill.
 Force & Co., Inc., Wm. A., 105 Worth, New York, N. Y.
 Forbes Lithograph Mfg. Co., P. O. Box 5130, Boston, Mass.
 Gibson Co., Inc., A. C., 70 Oak, Buffalo, N. Y.
 Hanson Co., C. H., 303 W. Erie, Chicago, Ill.
 Martin & Co., 227 W. Madison, Chicago, Ill.
 Matthews & Co., Jas. H., 3942 Forbes, Pittsburgh, Pa.
 Melind Co., Louis, 362 W. Chicago, Chicago, Ill.
 Messing, Gus D., 315 Jackson, St. Paul, Minn.
 Nobler Stamp & Seal Co., Inc., 524 S. Dearborn, Chicago, Ill.
 Porter Safety Seal Co., 265 N. California Ave., Chicago, Ill.
 Sachs-Lawlor Co., 1543 Larimer, Denver, Colo.
 Safford Stamp Works, 205 W. Madison, Chicago, Ill.
 Shuman Co., Frank G., 771 W. Jackson Blvd., Chicago, Ill.
 Southern Stamp & Stencil Co., 48 N. Forsyth, Atlanta, Ga.
 St. Louis Sticker Co., 1627 Washington, St. Louis, Mo.
 Swisher Mfg. Co., R. D., 411-13 S. Clinton, Chicago, Ill.
 Tablet & Ticket Co., 1021 W. Adams, Chicago, Ill.
 Union Paper & Twine Co., 116 St. Clair Ave., N. W., Cleveland, O.

371 SEALS, COIN BAG

Abbott Coin Counter Co., 143d & Wales Ave., New York, N. Y.
 Downey Co., C. L., 943-947 Clark, Cincinnati, O.
 Matthews & Co., Jas. H., 3942 Forbes, Pittsburgh, Pa.
 Meyer & Wenthe, 30 S. Jefferson, Chicago, Ill.
PORTER SAFETY SEAL CO., 265 N. California Ave., Chicago, Ill.
 Rehberger Mfg. Co., 1217 Webster Ave., Chicago, Ill.
 Safford Stamp Works, 205 W. Madison, Chicago, Ill.
 Swisher Mfg. Co., R. D., 411-13 S. Clinton, Chicago, Ill.

372 SEALS, REGISTERED MAIL

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

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373 SERVICE, ADVERTISING DATA

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

374 SERVICE, BOND ISSUE

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

375 SERVICE CHARGES

American Bank Supply Co., 628 N. Illinois, Indianapolis, Ind.
 Bauder-Baker, 225 N. Michigan Ave., Chicago, Ill.
 Martell Co., A. E., Keene, N. H.
MORAN, B. T., INC., 400 N. Michigan Ave., Chicago, Ill.

376 SERVICE, CONSULTING ECONOMISTS

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

377 SERVICE, STATISTICAL

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

378 SERVICE, TAX

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

379 SHADES, DOOR

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

380 SHADES, WINDOW

(See also Blinds, Venetian)

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

381 SHELVEING, METAL

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

SIGNALING SYSTEMS

(See Systems, Signaling)

SIGNATURE SIGNING MACHINES

(See Machines, Signature Signing)

382 SIGNS, ADVERTISING

Adams Co., S. G., 412-414 N. 6th St., Louis, Mo.
 Advertising Specialty Co., 508 Ryan Bldg., St. Paul, Minn.
 American Beauty Cover Co., 1900 Orange, Dallas, Tex.
 American Art Works, Inc., Coshocton, Ohio.
 American Signs Corp., 436 W. Willard, Kalamazoo, Mich.

Atlas Bronze Mfg. Co., 2640-2648 N. Maplewood Ave., Chicago, Ill.
 Banthrico Inc., 2944 W. Lake, Chicago, Ill.
 Bauder-Baker, 225 N. Michigan Ave., Chicago, Ill.
 Brown & Bigelow, Quality Park, St. Paul, Minn.
 Clark Service (div. of Clark Prntg House, Inc.), 821 Cherry, Philadelphia, Pa.
 Coshocton Specialty Co., Coshocton, Ohio.
 Davis Bulletin Co., Inc., 12 Lock, Buffalo, N. Y.
 Federal Electric Co., 8700 S. State, Chicago, Ill.
 Flexume Corp., 1100 Military Rd., Buffalo, N. Y.
 Flexograph Corporation, 254 W. 31st, New York, N. Y.
 The Fogarty Mfg. Co., 800 Monument Ave., Dayton, O.
 The Folliis Advertising Service, W. E., 159 N. State, Chicago, Ill.
 General Outdoor Advertising Co., Inc., 1 Park Ave., New York, N. Y.
 Greig, Melville M., P. O. Box 121, Middletown, N. Y.
 Hanson Co., C. H., 303 W. Erie, Chicago, Ill.
 Imperial Brass Mfg. Co., 1200 W. Harrison, Chicago, Ill.
 Kohl & Co., Inc., P. J., 224-230 W. Huron, Chicago, Ill.
 Metal Products Co., 1434 N. 4th, Milwaukee, Wis.
 National Adv. Service, Inc., P. O. Box 75, La Grange, Ind.
 National Art Works, Inc., 710 Greer Ave., Covington, Ky.
 National Service Bureau of New York, Inc., P. O. Box 121, Middletown, N. Y.
 Nelke, L. D., 45 E. 17th, New York, N. Y.
 North American Service Co., 105 W. Monroe, Chicago, Ill.
 Novelty Advertising Co., Coshocton, O.
 Onli-Wa-Fixture Co., St. Paul Ave., Dayton, O.
 Philadelphia Enameling Works, 254 N. 13th, Philadelphia, Pa.
 Price, Henry F., 15 E. 40th, New York, N. Y.
 Price Brothers Inc., 2644 N. Maplewood Ave., Chicago, Ill.
 Schaefer-Ross Co., Inc., 84 North, Rochester, N. Y.
 Steere & Sons, Geo., 434 S. Dearborn, Chicago, Ill.
 Sunset System, 2323 Broadway, San Antonio, Tex.
 Viking Products Corp., 422 W. 42d, New York, N. Y.
 Western Wire & Iron Works Inc., 952 W. 18th Place, Chicago, Ill.

383 SIGNS, BRASS AND BRONZE

American Bronze Co., 1316 W. 63d, Chicago, Ill.
 American Iron & Wire Works, 1621 Carroll, Chicago, Ill.
 American Seal & Stamp Co., 120 S. Clark, Chicago, Ill.
 Art In Bronze Co., Inc., 1621 E. 41st, Cleveland, O.
 Atlas Bronze Mfg. Co., 2640-2648 N. Maplewood Ave., Chicago, Ill.
 Baldwin Brass Works, 321 S. California Ave., Chicago, Ill.
 Bankers Savings & Credit System Co., 10302 Madison Ave., Cleveland, O.
 Banthrico Inc., 2944 W. Lake, Chicago, Ill.
 Bastian Bros. Co., 1600 N. Clinton Ave., N., Rochester, N. Y.
 Brakmeier Bros., 112 S. 4th Ave., Louisville, Ky.
 Chicago Architectural Bronze Co., 1948 W. Ohio, Chicago, Ill.
 Childs & Co., S. D., 136 S. Clark, Chicago, Ill.
 Cincinnati Mfg. Co., Gest & Evans St., Cincinnati, Ohio.
 Clark Mfg. Co., R. W., 4311 Ravenswood Ave., Chicago, Ill.
 Davenport-Taylor Corp., 412 Orleans, Chicago, Ill.
 Dobie & Co., Arthur L., 523 N. Halsted, Chicago, Ill.
 Eagle Stamp Works, Inc., 162 N. Franklin, Chicago, Ill.
 Flexograph Corporation, 254 W. 31st, New York, N. Y.
 Flour City Ornamental Iron Co., 27th Ave. & 27th St., Minneapolis, Minn.
 Force & Co., Inc., Wm. A., 105 Worth, New York, N. Y.
 General Bronze Corp., 3744 N. Booth, Milwaukee, Wis.
 Gibson Co., Inc., A. C., 70 Oak St., Buffalo, N. Y.
 Harsco Bronze & Foundry Co., John, 11612 Madison Ave., Cleveland, O.
 Illinois Bronze & Iron Works, 915-23 S. Kildare, Chicago, Ill.
 Imperial Brass Mfg. Co., 1200 Harrison St., Chicago, Ill.
 Martin & Co., 227 W. Madison, Chicago, Ill.
 Matthews & Co., Jas. H., 3942 Forbes, Pittsburgh, Pa.
 Mayer Co., Geo. J., 36 S. Meridian, Indianapolis, Ind.
 Metal Products Co., 1434 N. 4th, Milwaukee, Wis.
 Michaels Art Bronze Co., Inc., 231-239 Court, Covington, Ky.
 National Advertising Service, Inc., P. O. Box 75, La Grange, Ind.
 National Art Works, Inc., 710 Greer Ave., Covington, Ky.
 Nelke, L. D., 45 E. 17th, New York, N. Y.
 Onli-Wa-Fixture Co., St. Paul Ave., Dayton, O.
 Oregon Brass Works, 2d & Everett, Portland, Ore.
 Patrick and Moise-Klinkner Co., 560 Market, San Francisco, Calif.
 Philadelphia Enameling Works, 254 N. 13th St., Philadelphia, Pa.
 Plaut & Co., Inc., L., 430 E. 23rd, New York, N. Y.
PRICE BROS., INC., 2644 N. Maplewood Ave., Chicago, Ill.
 Price, Henry F., 15 E. 40th, New York, N. Y.
 Sachs-Lawlor Co., 1543 Larimer, Denver, Colo.
 Safford Stamp Co., 205 W. Madison, Chicago, Ill.
 Schaefer Ross Co., Inc., 84 North, Rochester, N. Y.

Southern Brass Mfg. & Plating Co., 6614-20 Harrisburg Blvd., Houston, Tex.
 Southern Stamp & Stencil Co., 48 N. Forsyth, Atlanta, Ga.
 Steere & Sons, Geo., 434 S. Dearborn, Chicago, Ill.
 Swisher Mfg. Co., R. D., 411-13 S. Clinton, Chicago, Ill.
 Tablet & Ticket Co., 1021 W. Adams, Chicago, Ill.
 Turner Brass Works, Sycamore, Ill.
 Twentieth Century Co., 542 S. Dearborn, Chicago, Ill.
 Tyler Co., W. S., 3615 Superior Ave., Cleveland, O.
 United States Bronze Sign Co., 217-219 Centre, New York, N. Y.
 Usona Mfg. Co., 3512-26 Chouteau, St. Louis, Mo.
 Viking Products Corp., 422 W. 42d, New York, N. Y.
 Williams, Inc., Jno., 542 W. 27th, New York, N. Y.
 Zimmerman Bros. & Co., 4020 Michigan Ave., Chicago, Ill.

384 SIGNS, CARDBOARD

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

385 SIGNS, CHANGEABLE

American Signs Corp., 436 W. Willard, Kalamazoo Mich.
 Atlas Bronze Mfg. Co., 2640-2648 N. Maplewood Ave., Chicago, Ill.
 Banthrico Inc., 2944 W. Lake, Chicago, Ill.
 Chicago Thrift Co., 1100 Washington Blvd., Chicago, Ill.
 Clark Mfg. Co., R. W., 4311 Ravenswood Ave., Chicago, Ill.
 Davenport-Taylor Corp., 412 Orleans, Chicago, Ill.
 Davis Bulletin Co., Inc., 12 Lock St., Buffalo, N. Y.
 Flexume Corporation, 1100 Military Rd., Buffalo, N. Y.
 Flexograph Corp., 254 W. 31st, New York, N. Y.
 Imperial Brass Mfg. Co., 1200 W. Harrison, Chicago, Ill.
 Matthews & Co., Jas. H., 3942 Forbes, Pittsburgh, Pa.
 Metal Products, Inc., 1434 N. 4th, Milwaukee, Wis.
 Price, Henry F., 15 E. 40th, New York, N. Y.
 Steere & Sons, George, 434 S. Dearborn, Chicago, Ill.
 Tablet & Ticket Co., 1021 W. Adams, Chicago, Ill.
 Twentieth Century Co., 542 S. Dearborn, Chicago, Ill.

386 SIGNS, DESK

Acme Wire and Iron Works, 12340 Cloverdale, Detroit, Mich.
 American Bronze Co., 1316 W. 63rd, Chicago, Ill.
 American Iron & Wire Works, 1621 Carroll Ave., Chicago, Ill.
 Art in Bronze Co., Inc., 1621 E. 41st, Cleveland, O.
 Baldwin Brass Works, 321 S. California Ave., Chicago, Ill.
 Bankers Savings & Credit Systems Co., 10302 Madison Ave., Cleveland, O.
 Brakmeier Bros., 112 S. 4th Ave., Louisville, Ky.
 Chicago Architectural Bronze Co., 1948 W. Ohio, Chicago, Ill.
 Davenport-Taylor Corp., 412 Orleans, Chicago, Ill.
 Dobie & Co., Arthur L., 523 N. Halsted, Chicago, Ill.
 Flour City Ornamental Iron Co., 27th Ave. & 27th St., Minneapolis, Minn.
 Imperial Brass Mfg. Co., 1200 W. Harrison, Chicago, Ill.
 Matthews & Co., Jas. H., 3942 Forbes, Pittsburgh, Pa.
 Parisian Novelty Co., 3510 S. Western Ave., Chicago, Ill.
 Price Bros., Inc., 2644 N. Maplewood Ave., Chicago, Ill.
 Safford Stamp Works, 205 W. Madison, Chicago, Ill.
 Southern Brass Mfg. & Plating Co., 6614 Harrisburg Blvd., Houston, Tex.
 Steere & Sons, George, 434 S. Dearborn, Chicago, Ill.
 Supersine Co. of America, 200 Murray, Ft. Wayne, Ind.
 Swisher Mfg. Co., R. D., 411-13 S. Clinton, Chicago, Ill.
 Tablet & Ticket Co., 1021 W. Adams, Chicago, Ill.
 Turner Brass Works, Sycamore, Ill.
TWENTIETH CENTURY CO., 542 S. Dearborn, Chicago, Ill.
 Tyler Co., The W. S., 3615 Superior Ave., Cleveland, Ohio.
 United States Bronze Sign Co., 217-219 Centre, New York, N. Y.
 Viking Products Corp., 422 W. 42d, New York, N. Y.
 Williams, Inc., Jno., 542 W. 27th, New York, N. Y.
 Zimmerman Bros. & Co., 4020 Michigan Ave., Chicago, Ill.

387 SIGNS, ELECTRIC

American Signs Corp., 436 W. Willard, Kalamazoo, Mich.
 Atlas Bronze Mfg. Co., 2640-2648 N. Maplewood Ave., Chicago, Ill.
 Craddick Service, 716 4th Ave., So., Minneapolis, Minn.
 Davenport-Taylor Corp., 412 Orleans, Chicago, Ill.

SIGNS, ELECTRIC—Continued

Federal Electric Co., 8700 S. State, Chicago, Ill.
 Flexlume Corp., 1100 Military Rd., Buffalo, N. Y.
 Flexograph Corp., 254 W. 31st, New York, N. Y.
 Frink Corp., 23-10 Bridge Plaza So., Long Island City, N. Y.
 General Outdoor Advertising Co., Inc., 1 Park Ave., New York, N. Y.
 Matthews & Co., Jas. H., 3942 Forbes, Pittsburgh, Pa.
 Metal Products Inc., 1434 N. 4th, Milwaukee, Wis.
 Onli-Wa-Fixture Co., St. Paul Ave., Dayton, Ohio.
 Philadelphia Enameling Works, 254 N. 13th, Philadelphia, Pa.
PRICE BROS., INC., 2644 N. Maplewood Ave., Chicago, Ill.
Rawson & Evans Co., 710-12 Washington Blvd., Chicago, Ill.
 Schaefer Ross Co., Inc., 84 North, Rochester, N. Y.
 Sunset System, 2323 Broadway, San Antonio, Tex.
 Tablet & Ticket Co., The, 1021 W. Adams, Chicago, Ill.
 Twentieth Century Co., 542 S. Dearborn, Chicago, Ill.
 Viking Products Corp., 422 W. 42d, New York, N. Y.
 Western Sand Blast Co., 1458 W. Kinzie, Chicago, Ill.

388 SIGNS, GLASS

Price Brothers, Inc., 2644 N. Maplewood Ave., Chicago, Ill.
 Rawson & Evans Co., 710-12, Washington Blvd., Chicago, Ill.
 Robinson & Co., Inc., T. L., 1458 W. Kins, Chicago, Ill.
 Schaefer Ross Co., Inc., 84 North, Rochester, N. Y.
 Steere & Son, Geo., 434 S. Dearborn, Chicago, Ill.
 Twentieth Century Co., 542 S. Dearborn, Chicago, Ill.

389 SIGNS, NEON GAS TUBE, ELECTRIC

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

390 SIGNS, OUTDOOR

(See also Advertising, Poster and Billboard)

Al Fresco Advertising Co., 900 S. Grand Blvd., St. Louis, Mo.
 American Signs Corp., 436 W. Willard, Kalamazoo, Mich.
 Carrithers & Co., 128 N. Wells, Chicago, Ill.
 Coshooton Specialty Co., Coshooton, Ohio.
 Erickson Co., Inc., C. E., 506 W. 3d, Des Moines, Ia.
 The Fogarty Manufacturing Co., 800 Monument Ave., Dayton, O.
 General Outdoor Advertising Co., Inc., 1 Park Ave., New York, N. Y.
 Matthews & Co., Jas. H., 3942 Forbes, Pittsburgh, Pa.
 Meeker Co., Inc., 3d & Michigan, Joplin, Mo.
 Nelke, L. D., 45 E. 17th, New York, N. Y.
 North American Service Co., 105 W. Monroe, Chicago, Ill.
 Rawson & Evans Co., 710-712 Washington Blvd., Chicago, Ill.
 Steere & Sons, George, 434 S. Dearborn, Chicago, Ill.
 Sunset System, 2323 Broadway, San Antonio, Tex.
 Supersine Co. of America, 200 Murray, Ft. Wayne, Ind.

391 SIGNS, PORCELAIN ENAMELED

American Signs Corp., 436 W. Willard, Kalamazoo, Mich.
 Atlanta Rubber Stamp & Stencil Wks., 76 Forsyth, N. W., Atlanta, Ga.
 Flexlume Corporation, 1100 Military Rd., Buffalo, N. Y.
 Metal Products, Inc., 1434 N. 4th, Milwaukee, Wis.
 Nelke, L. D., 45 E. 17th, New York, N. Y.
 Steere, George, 434 S. Dearborn, Chicago, Ill.

392 SIGNS, WIRE

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

393 SLIDES, LANTERN (MOTION PICTURE, ETC.)

Lockren Film & Slide Co., Wm. A., 16 N. 4th, Minneapolis, Minn.
 National Studios, Inc., 226-232 W. 56th, New York, N. Y.

394 SOLICITATION, NEW ACCOUNT

(See Personal Solicitation, New Accounts)

Earl Service for Banks, Boston (Melrose), Mass.
Haines Mfg. Co., 84 Exchange, Rochester, N. Y.
MASTER THRIFT SYSTEM, INC., 740 N. Plankinton Ave., Milwaukee, Wis. (See our adv. on this page.)
 Smith Associates, Inc., T. Harris, 231 S. La Salle, Chicago, Ill.; 123 S. Broad, Philadelphia, Pa.

SORTERS, CHECK

(See Check Sorters)

SOUVENIRS, ADVERTISING

(See Specialties, Advertising)

395 SPECIALTIES, ADVERTISING

(See also Specific Headings)

Acraft Manufacturing Co., 2448-56 W. 22d, Chicago, Ill.
 Advertising Novelty Co., 420 S. Winchester Ave., Chicago, Ill.
 Advertising Specialty Co., 508 Ryan Bldg., St. Paul, Minn.
 American Art Works, Inc., Coshooton, Ohio.
 American Beauty Cover Co., 1900 Orange, Dallas, Tex.
 American Calendar Co., Greeneville, Tenn.
 Amity Leather Products Co., West Bend, Wis.
 Banthrico Inc., 2944 W. Lake, Chicago, Ill.
 Bastian Bros. Co., 1600 Clinton Ave., N., Rochester, N. Y.
 Baumgarth Co., The, 3300 W. Sample, South Bend, Ind.
 Brace & Co., H. G., 400 Seventh North, Seattle, Wash.
 Broderick Co., 460 Robert, St. Paul, Minn.
 Brown & Bigelow, Quality Park, St. Paul, Minn.
 Buxton, Inc., 162½ Chestnut, Springfield, Mass.
 Call's Bankers Service Corp., 321-327 Pear St., Scranton, Pa.
 Carrithers & Co., 128 N. Wells, Chicago, Ill.
 Carroll Co., J. B., 319 N. Albany, Chicago, Ill.
 Childs & Co., S. D., 136 S. Clark, Chicago, Ill.
 Cook Co., H. C., 16 Beaver St., Ansonia, Conn.
 Coshooton Specialty Co., Coshooton, O.
 Cruver Manufacturing Co., 2456 W. Jackson Blvd., Chicago, Ill.
 Dodson Mfg. Co., 1833-35 N. Hoyne Ave., Chicago, Ill.
 Dow Co., Louis F., 2242 University Ave., St. Paul, Minn.
 Durable Toy & Novelty Corp., 215 4th Ave., New York, N. Y.
 Earl Service for Banks, Boston (Melrose), Mass.
 Economy Advertising Co., Linn & Market, Iowa City, Ia.
 Empire Notion Co., 270 W. 38th, New York, N. Y.
 Erickson Co., Inc., C. E., 506 W. 3d, Des Moines, Iowa.
 Exline Co., 113 St. Clair Ave., N. E., Cleveland, O.
 Felsenthal & Sons, G., 4110 W. Grand Ave., Chicago, Ill.
 Ferree Co., 61 Richmond Ave., Lockport, N. Y.
 Fine Art Novelty Co., 1716 S. Michigan Ave., Chicago, Ill.
 Fogarty Mfg. Co., The, 800 Monument Ave., Dayton, O.
 Follis Advertising Service, W. E., 159 N. State, Chicago, Ill.
 Forbes Lithograph Mfg. Co., P. O. Box 5130, Boston, Mass.

Gerlach-Barklow Co., Joliet, Ill.
 Gordon Pen Co., 450 Palisades Ave., West New York, N. J.
 Grammes & Sons L. F., Allentown, Pa.
 Green Duck Co., 1725 W. North, Chicago, Ill.
 B. H. Hockswender Co., 711 Penn Ave., Pittsburgh, Pa.
 Ingersoll Dollar Pen Co., Chas. H., 545 N. Arlington Ave., E. Orange, N. J.
 Jamestown Metalsmiths, Inc., 217 Hopkins Ave., Jamestown, N. Y.
 Kemper Thomas Co., Park Ave., Norwood, Ohio.
 Kohl & Co., Inc., P. J., 224-230 W. Huron, Chicago, Ill.
 Lakeside Mfg. Co., 440 W. Superior, Chicago, Ill.
 Leather Products Co., 201 South, Iola, Kans.
 Martin (The, Frank) Co., Marshall Bldg., Cleveland, O.
 Mayer Mfg. Corp., 1436 W. Randolph, Chicago, Ill.
 Meeker Co., Inc., 3d & Michigan, Joplin, Mo.
 Merchants Publishing Co., 412 W. Michigan Ave., Kalamazoo, Mich.
 Mergott Co., J. E., 316 Jelliff Ave., Newark, N. J.
 Minnesota Specialty Co., 2d Ave. N. & 4th St., Minneapolis, Minn.
 Murphy Co., Thos. D., 110 S. 2d, Red Oak, Iowa.
 National Art Works, Inc., 710 Greer Ave., Covington, Ky.
 National Bank Supply Co., Inc., 60 Spring, New York, N. Y.
 National Sign Stencil Co., 1602 University, St. Paul, Minn.
 Noble Co., F. H., 535-555 W. 59th, Chicago, Ill.
 Novelty Adv. Co., Coshooton, O.
 Novelty Cutlery Co., 516 MacGregor, N. W., Canton, Ohio.
 Oliver Baker Mfg. Co., 420 S. 7th, Minneapolis, Minn.
 Osborne Co., 759 Summer Ave., Newark, N. J.
 Parisian Novelty Co., 3510 S. Western Ave., Chicago, Ill.
 Philadelphia Badge Co., 942 Market, Philadelphia, Pa.
RAND McNALLY & CO., 536 S. Clark St., Chicago, Ill.
 Red Wing Adv. Co., 202 Main, Red Wing, Minn.
 Rehberger Co., A. C., 3333 N. Racine Ave., Chicago, Ill.
 Rehberger Mfg. Co., 1217 Webster Ave., Chicago, Ill.
 Robbins Co., The, Hazel & School, Attleboro, Mass.
 Robinson Manufacturing Co., 171 Elm, Westfield, Mass.
 Shaw Advertising Co., 520 Produce Exch. Bldg., Kansas City, Mo.
 Spotswood Specialty Co., Inc., 218 Jefferson, Lexington, Ky.
 Stanwood-Hillson Corp. (The), 14 High, Brookline, Mass.
 Statter Bros., A. J. G., 2514 Delaware Ave., Buffalo, N. Y.
 Strayer Coin Bag Co., 1028 4th Ave., New Brighton, Pa.
 Terre Haute Adv. Co., 1317 Poplar, Terre Haute, Ind.
 Texas Novelty Adv. Co., 117 S. Waco, Hillsboro, Tex.
 Universal Check Cover Co., 320 W. Pleasant, Springfield, Ohio.
 Uptown Mfg. Co., 1709 Arthur Ave., Chicago, Ill.
 Vaughan Novelty Mfg. Co., 3211-25 Carroll Ave., Chicago, Ill.
 Victor Novelty Mfg. Co., Lakewood, O.
 Volland Co., P. F., Joliet, Ill.
 Von Senden Co., Inc., Arthur, 316 Fourth Ave., Pittsburgh, Pa.
 Voss Co., Herman, 1119 N. Water, Milwaukee, Wis.
 Weinman Bros., 305 W. Adams, Chicago, Ill.
 Williams & Co., A. W., 1790 E. 174th, New York, N. Y.
 Wilson-Hurd Co., Wausau, Wis.
 Young & Gardner Co., 655 S. Wells, Chicago, Ill.
 Zell Products Corp., 536 Broadway, New York, N. Y.

SPECIALTIES, CELLULOID

(See Novelties, Celluloid)

How To Secure PERMANENT Savings Accounts

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

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

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

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

MASTER THRIFT SYSTEM

INCORPORATED

740 NORTH PLANKINTON AVENUE - MILWAUKEE

SPECIALTIES, LEATHER

(See Novelties, Leather)

SPECIALTIES, METAL

(See Novelties, Metal)

396 SPONGES

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

397 STAMP AFFIXERS

(See also Machines, Mailing, Permit)

Multipost Co., 51 Centre Park, Rochester, N. Y.
Postage Meter Co., 723 Pacific, Stamford, Conn.
Standard Mailing Machines Co., 1935 Parkway, Everett, Mass.**398 STAMPS, DATING**Acme Stamp Co., 1104 Prospect Ave., Cleveland, Ohio.
American Numbering Machine Co., 220 Shepherd Ave., Brooklyn, N. Y.
American Perforator Co., 612 W. Jackson Blvd., Chicago, Ill.
American Seal & Stamp Co., 120 S. Clark, Chicago, Ill.
Bankers Savings & Credit System Co., 10302 Madison Ave., Cleveland, O.
Darling Co., J. C., 734 Kansas Ave., Topeka, Kan.
Force & Co., Inc., Wm. A., 105 Worth, New York, N. Y.
Hanson Co., C. H., 303 W. Erie, Chicago, Ill.
Hay Rubber Stamp Co., 832 Thirteenth St., N. W., Washington, D. C.
Joslin Mfg. Co., A. D., 123 Arthur, Manistee, Mich.
Kastens Co., Henry, 417 W. 27th, New York, N. Y.
Melind Co., Louis, 362 W. Chicago Ave., Chicago, Ill.
Messing, Gus D., 315 Jackson, St. Paul, Minn.
Meyer & Wenthe, 30 S. Jefferson, Chicago, Ill.
Nobler Stamp & Seal Co., Inc., 524 S. Dearborn, Chicago, Ill.
Patrick and Moise-Klinkner Co., 560 Market San Francisco, Calif.
Remington Rand, Inc., Buffalo, N. Y.
Sachs-Lawlor Co., Inc., 1543 Larimer, Denver, Colo.
Safford Stamp Works, 205 W. Madison, Chicago, Ill.
Southern Stamp & Stencil Co., 48 N. Forsyth, Atlanta, Ga.
Swisher Mfg. Co., R. D., 411-413 S. Clinton, Chicago, Ill.**399 STAMPS, ENDORSEMENT**

(See also Check Endorsers and Stamps, Rubber)

Acme Stamp Co., 1104 Prospect Ave., Cleveland, O.
Bankers Savings & Credit System Co., 10302 Madison Ave., Cleveland, O.
Matthews & Co., Jas. H., 3942 Forbes, Pittsburgh, Pa.
Melind Co., Louis, 362 W. Chicago Ave., Chicago, Ill.
Safford Stamp Works, 205 W. Madison, Chicago, Ill.
Swisher Mfg. Co., R.D., 411-13 S. Clinton, Chicago, Ill.**400 STAMPS, INDEXED**Safford Stamp Works, 205 W. Madison, Chicago, Ill.
Swisher Mfg. Co., R. D., 411-413 S. Clinton, Chicago, Ill.**401 STAMPS, RUBBER**Acme Stamp Co., 1104 Prospect, Cleveland, Ohio.
Adams Co., S. G., 412-414 N. 6th, St. Louis, Mo.
American Seal & Stamp Co., 120 S. Clark, Chicago, Ill.
Arkansas Printing & Lithographing Co., 1000 Center, Little Rock, Ark.
Atlanta Rubber Stamp & Stencil Wks., 76 Forsyth St., N. W., Atlanta, Ga.
Bankers & Merchants Stamp Works, 3225 Sheffield Ave., Chicago, Ill.
Bankers Savings & Credit System Co., 10302 Madison Ave., Cleveland, O.
Brakmeier Bros., 112 S. 4th Ave., Louisville, Ky.
Darling Co., J. C., 734 Kansas Ave., Topeka, Kan.
Eagle Stamp Works, 162 N. Franklin, Chicago, Ill.
Force & Co., Inc., Wm. A., 105 Worth, New York, N. Y.
Gibson Co., Inc., A. C., 70 Oak, Buffalo, N. Y.
Hay Rubber Stamp Co., 832 Thirteenth St., N. W., Washington, D. C.
Irwin-Hodson Co., 115 N. 15th, Portland, Ore.
Martin & Co., 227 W. Madison, Chicago, Ill.
Matthews & Co., Jas. H., 3942 Forbes, Pittsburgh, Pa.
Mayer Co., Geo. J., 36 S. Meridian, Indianapolis, Ind.Melind Co., Louis, 362 W. Chicago, Chicago, Ill.
Messing, Gus D., 315 Jackson, St. Paul, Minn.
Nobler Stamp & Seal Co., Inc., 524 S. Dearborn, Chicago, Ill.
Patrick and Moise-Klinkner Co., 560 Market, San Francisco, Calif.
Sachs-Lawlor Co., Inc., 1543 Larimer, Denver, Colo.
SAFFORD STAMP WORKS, 205 W. Madison, Chicago, Ill.
Southern Stamp & Stencil Co., 48 N. Forsyth, Atlanta, Ga.
Strayer Coin Bag Co., 1028 4th Ave., New Brighton, Pa.
SWISHER MFG. CO., R. D., 411-413 S. Clinton, Chicago, Ill.
Taylor Bros. Co., 706 Superior, W., Cleveland, O.**402 STAMPS, STENCIL**Hanson Co., C. H., 303 W. Erie, Chicago, Ill.
Meyer & Wenthe, 30 S. Jefferson, Chicago, Ill.
Multistamp Co., Inc., 527 W. 21st, Norfolk, Va.**403 STAMPS, TIME**Ajax Time Stamp Co., Inc., 354 Broadway, New York, N. Y.
Automatic Time Stamp Co., 139 Atlantic Ave., Boston, Mass.
Commercial Utilities Manufacturing Co., 147-153 Waverly Pl., New York, N. Y.
Follett Time Recording Co., 217 High, Newark, N. J.
Instograph, Ltd., 1241 High, Oakland, Calif.
International Business Machine Co., Endicott, N. Y.
Joslin Mfg. Co., A. D., 123 Arthur, Manistee, Mich.
Kastens Co., Henry, 417 W. 27th, New York, N. Y.
Stromberg Electric Co., 223 W. Erie, Chicago, Ill.
Thompson Time Stamp Co., Inc., 240 W. 23d, New York, N. Y.**404 STANDS, ADDING MACHINE**Adjustable Table Co., 55 Mt. Vernon Ave., Grand Rapids, Mich.
Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
Flour City Ornamental Iron Co., 27th Ave. & 27th St., Minneapolis, Minn.
General Fireproofing Co., Youngstown, Ohio.
The Harter Corporation, Sturgis, Mich.
Metal Office Furniture Co., Grand Rapids, Mich.
Remington Rand, Inc., Buffalo, N. Y.
Sturgis Posture Chair Co., Sturgis, Mich.
Tubular Specialty Mfg. Co., 1940 Stanley Ave., Detroit, Mich.
Victor Adding Machine Co., 3900 N. Rockwell, Chicago, Ill.
Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.**405 STANDS, MECHANICAL POSTING**Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
Flour City Ornamental Iron Co., 27th Ave. & 27th St., Minneapolis, Minn.
Le Febure Corporation, Cedar Rapids, Ia.
Remington Rand, Inc., Buffalo, N. Y.
Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.**406 STANDS, TYPEWRITER**Adjustable Table Co., 55 Mt. Vernon Ave., Grand Rapids, Mich.
Art Metal Construction Co., Jones & Gifford Ave., Jamestown, N. Y.
The Harter Corporation, Sturgis, Mich.
Hoosier Desk Co., 310 S. Mill, Jasper, Ind.
Le Febure Corporation, Cedar Rapids, Ia.
Remington Rand, Inc., Buffalo, N. Y.
Searles Electric Welding Works, 1850 Fulton, Chicago, Ill.
Sherman-Manson Mfg. Co., 621-31 Kolmar Ave., Chicago, Ill.
Sturgis Posture Chair Co., Sturgis, Mich.
Tiffany Adjustable Stand Co., 3300 N. Broadway, St. Louis, Mo.
Toledo Metal Furniture Co., 1100 Hastings, Toledo, Ohio.
Tubular Specialty Mfg. Co., 1940 Stanley Ave., Detroit, Mich.**407 STAPLES**Acme Staple Co., 1643-47 Haddon Ave., Camden, N. J.
Bates Mfg. Co., Orange, N. J.
Bostitch Sales Co., East Greenwich, R. I.
Compo Manufacturing & Sales Co., Westport, Conn.
Neva-Clog Products, Inc., 636 Water St., Bridgeport, Conn.
Remington Rand, Inc., Buffalo, N. Y.**STAPLING MACHINES**

(See Machines, Stapling)

STATEMENT BLANKS

(See Forms, Bank)

408 STATEMENTS, DAILY EARNING

Remington Rand, Inc., Buffalo, N. Y.

409 STATIONERS, MANUFACTURINGAetna Stationers, Inc., 622 67th, Chicago, Ill.
American Bank Stationery Co., Curtain, Aiken, Hargest & Aisquith, Baltimore, Md.
American Bank Supply Co., 628 N. Illinois, Indianapolis, Ind.
American Calendar Co., Greeneville, Tenn.
American Embossing Co., 196 Seneca, Buffalo, N. Y.
Arkansas Printing & Lithographing Co., 1000 Center, Little Rock, Ark.
BARNARD STATIONERY CO., GEO. D., 3863 Laclede Ave., St. Louis, Mo. (See our adv. on Missouri Index).
Beach Printing Co., Will A., 235 N. Phillips Ave., Sioux Falls, S. D.
Benson & Sons, Inc., Benj. D., 11 Cliff, New York, N. Y.
Boorum & Pease Co., 84 Hudson, Brooklyn, N. Y.
Brown-Blodgett Co., 1745 University Ave., St. Paul, Minn.
Brown, Lent & Pett, Inc., 110 Williams, New York, N. Y.
Buchan-White Loose Leaf Co., 1906 Pine, St. Louis, Mo.
Burke Printing Co., 633 Monroe St., Fredonia, Kans.
Bushong & Co., Park & Stark, Portland, Ore.
Buxton & Skinner, Printing & Stationery, 306 N. 4th, St. Louis, Mo.
Childs & Co., S. D., 136 S. Clark, Chicago, Ill.
Clarke & Courts, 2402 Mechanic, Galveston, Tex.
Cockrum Printing Co., J. W., Oakland City, Ind.
Columbus Bank Note Co., 40 E. Spring, Columbus, Ohio.
Conway Co., H. H., 725 S. Wells, Chicago, Ill.
Courier-Journal Job Printing Co., 316-328 W. Liberty, Louisville, Ky.
Crane & Co., Inc., Dalton, Mass.
Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
Dameron-Pierson Company Ltd., 400 Camp, New Orleans, La.
Dodsworth Stationery Co., Sam'l., 412-414 W. 10th, Kansas City, Mo.
Doubleday Bros. & Co., 241 E. Michigan Ave., Kalamazoo, Mich.
Dow Co., Louis F., 2242 University Ave., St. Paul, Minn.
Drew Co., H. & W. B., 22 W. Bay, Jacksonville, Fla.
Egry Register Co., 429 E. Monument Ave., Dayton, Ohio.
Ealeck Mfg. Co., Turners Falls, Mass.
Falconer Co., 414 Water, Baltimore, Md.
Farnham Printing & Stationery Co., 417 Hennepin Ave., Minneapolis, Minn.
Feley & Co., Henry N., 202 Centre, New York, N. Y.
Foote & Davies Co., Edgewood & Pryor, Atlanta, Ga.
Forbes Lithograph Mfg. Co., P. O. Box 5130, Boston, Mass.
FT. WAYNE PRINTING CO., 115 E. Brackenridge, Ft. Wayne, Ind. (See our adv. on this page.)
Gast Bank Note Co., 4189 Chippewa, St. Louis, Mo.
Gilbert Paper Co., Menasha, Wis.
Hadley Co., Chas. R., 330 N. Los Angeles, Los Angeles, Calif.
Hall Lithographing Co., 623 Kansas Ave., Topeka, Kan.
Hammermill Paper Co., Erie, Pa.
Hampshire Paper Co., So. Hadley Falls, Mass.
Hutson & Co., C. S., 555-561 S. San Pedro, Los Angeles, Cal.
International Paper Co., 100 E. 42d, New York, N. Y.
Irwin-Hodson Co., 115 N. 15th, Portland, Ore.
Joplin Printing Co., Inc., 509-15 Joplin, Joplin, Mo.
Kansas Bank Note Co., Fredonia, Kan.
Kellogg & Bulkeley Co., Hartford, Conn.
Kennedy Printing Co., 609-611 Monroe, Fredonia, Kan.
Klipto Loose Leaf Co., Mason, Ia.
Le Febure Corporation, Cedar Rapids, Ia.
Levey Ptg. Co., State House Square, Indianapolis, Ind.
Lloyd Co., W. G., 626 S. Clark, Chicago, Ill.
Long Island Printing & Lithographing Co., Inc., 137 Jackson, Hempstead, N. Y.
Mann Co., Wm., 529 Market, Philadelphia, Pa.
Marshall-Jackson Co., 26 S. Clark, Chicago, Ill.
Marx-Lyons Co., 23 N. 10th, Philadelphia, Pa.
Master-Craft Corp., 825 Cobb Ave., Kalamazoo, Mich.
McDonald Ledger & Loose Leaf Co., 1809 Sumnerdale, Chicago, Ill.
Northern Bank Note Co., 2340 N. Racine Ave., Chicago, Ill.
Orthwine, R., 344 W. 34th, New York, N. Y.
Parsons Paper Co., 84 Sargeant, Holyoke, Mass.
Pembroke Co., 24 E. Broadway, Salt Lake City, Utah.**Fort Wayne Printing Co.**

FORT WAYNE, INDIANA

BANK STATIONERS

Printers :: Lithographers

OFFICE SUPPLIES BLANK BOOKS

STATIONERS, MANUFACTURING—Continued

Pettibone & Co., P. F., 27 N. Desplaines, Chicago, Ill.
 Pioneer, Inc., 12th & A. Sts., Tacoma, Wash.
 Remington Rand, Inc., Buffalo, N. Y.
 Reynolds & Reynolds Co., Washington & Dudley, Dayton, Ohio.
 Richmond & Backus Co., Woodward at Congress, Detroit, Mich.
 Schooley Printing & Stationery Co., 718 Delaware, Kansas City, Mo.
 Schwabacher-Frey Co., 735 Market, San Francisco, Calif.
 Shaw-Walker Co., The, Muskegon, Mich.
 Smith Co., Oscar T., & Son, 407-11 E. Saratoga, Baltimore, Md.
 Smith-Brooks Ptg. Co., 1733 California, Denver, Colo.
 Smith Ptg., Co., 225-239 E. 3d, Williamsport, Pa.
 Southworth Co., Mittenewag, Mass.
 Stafford-Lowdon Co., 610 W. Daget, Ft. Worth, Tex.
 Standard Printing Co., 201-205 N. 3d, Hannibal, Mo.
 Stewart Warren & Co., Inc., 480 Canal, New York, N. Y.
 Thompson & Co., Arthur, 109 Market Place, Baltimore, Md.
 Toof & Co., S. C., 195 Madison, Memphis, Tenn.
 Union Paper & Twine Co., 116 St. Clair Ave., N. W., Cleveland, Ohio.
 Walker, Evans & Cogswell Co., 3 Broad, Charleston, S. C.
 Watt & Gilgoly, Inc., 105 S. Dearborn, Chicago, Ill.
 Young & Selden Co., Calvert & Saratoga, Baltimore, Md., Philadelphia, Pittsburgh, and New York.

410 STATIONERY, FANFOLD

American Sales Book Co., Ltd., Elmira, N. Y.
GILMAN FANFOLD CORPORATION, LTD., Buffalo Ave., at 10th, Niagara Falls, N. Y.
 Hamilton Autographic Register Co., 802 Symmes Ave., Hamilton, O.
 Remington Rand, Inc., Buffalo, N. Y.
 Shelby Salesbook Co., High School Ave., Shelby, O.
 Vawter Manifold Co., Benton Harbor, Mich.

STATISTICAL SERVICE
 (See Service, Statistical)

STEEL SAFES, MANGANESE
 (See Safes, Manganese Steel)

411 STENCIL PAPER—DUPLICATING

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

412 STENCILS

Arlac Dry Stencil Corp., 424 Fourth Ave., Pittsburgh, Pa.
 Atlanta Rubber Stamp & Stencil Wks., 76 Forsyth, N. W., Atlanta, Ga.
 Bankers & Merchants Stamp Works, 3225 Sheffield Ave., Chicago, Ill.
 Bankers Savings & Credit System Co., 10302 Madison Ave., Cleveland, O.
 Brakmeier Bros., 112 S. 4th Ave., Louisville, Ky.
 Darling Co., J. C., 734 Kansas Ave., Topeka, Kan.
 Fibroin Stencil Corp., 300 W. Adams, Jacksonville, Fla.
 Gibson Co., Inc., A. C., 70 Oak St., Buffalo, N. Y.
 Martin & Co., 227 W. Madison, Chicago, Ill.
 Melind Co., Louis, 362 W. Chicago, Chicago, Ill.
 National Sign Stencil Co., 1602 University Ave., St. Paul, Minn.
 Patrick and Moise-Klinkner Co., 560 Market, San Francisco, Calif.
 Rotospeed Co., The, 5th & Wilkinson, Dayton, O.
 Sachs-Lawlor Co., 1543 Larimer, Denver, Colo.
 Safford Stamp Works, 205 W. Madison, Chicago, Ill.
 Swisher Mfg. Co., R. D., 411-13 S. Clinton, Chicago, Ill.

STENCILS, ADDRESSING MACHINES
 (See Machines, Addressing)

STEPS, VAULT
 (See Vault Steps)

413 STEREOPTICONS

Lockren Film & Slide Co., Wm. A., 16 N. 4th, Minneapolis, Minn.
 National Studios, Inc., 226-232 W. 56th, New York, N. Y.

414 STICKERS

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

STOP-PAYMENT CHECK LISTS
 (See Check Lists, Stop-payment)

STORAGE EQUIPMENT
 (See Equipment, Storage; and Cabinets, Storage)

415 STRAPS, BINDING

Ames Safety Envelope Co., 610 Atlantic Ave., Boston, Mass.
 Bushnell Co., Alvah, 13th & Wood, Philadelphia, Pa.
 Package Binder Co. (The), Commonwealth Bldg., Annex, Pittsburgh, Pa.
 Security Envelope Co., 2900 Fifth Ave., Minneapolis, Minn.

416 STRAPS, CURRENCY

Abbott Coin Counter Co., 143d & Wales, New York, N. Y.
 American Bindery Corp., 1310 Maple, Detroit, Mich.
 Banco-General Printing Co., 836 Montgomery, San Francisco, Calif.
 Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 Dennison Mfg. Co., 300 Howard, Framingham, Mass.
 Downey Co., C. L., 943-947 Clark, Cincinnati, O.
 Empire Notion Co., 270 W. 38th, New York, N. Y.
 The Exline Co., 113 St. Clair Ave., N. E., Cleveland, Ohio.
 Ideal Coin Container Co., 136 Fulton, Brooklyn, N. Y.
 Package Binder Co. (The), Commonwealth Bldg., Annex, Pittsburgh, Pa.
 Reyburn Mfg. Co., 32d & Allegheny, Philadelphia, Pa.
 Richmond & Backus Co., Woodward at Congress, Detroit, Mich.
 Sebastian & Company, 224 N. Desplaines, Chicago, Ill.
 Spurgin Mfg. Co., 7011 Vincennes, Chicago, Ill.
 Standard-Johnson Co., Inc., 371 Pacific, Brooklyn, N. Y.
 Strayer Coin Co., 1028 4th Ave., New Brighton, Pa.
 Young & Selden Co., Calvert & Saratoga, Baltimore, Md.
 Zimmerman & Murry, 107 W. Penn, Whittier, Cal.
 Zimmerman Bros. & Co., 4020 Michigan, Chicago, Ill.

STREET CAR ADVERTISING
 (See Advertising, Street Car)

417 SUPPLIES, ADDING MACHINE
 (See also specific headings)

Central Paper Co., Menasha, Wis.
 Crown Ribbon & Carbon Mfg. Co., 782 St. Paul, Rochester, N. Y.
 Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 Edgewater Paper Co., Menasha, Wis.
 Paper Specialty Co., Wausau, Wis.
 Remington Rand, Inc., Buffalo, N. Y.
 Union Paper & Twine Co., 116 St. Clair Ave. N. W., Cleveland, Ohio.
 Yankee Paper Specialty Co., Menasha, Wis.

418 SUPPLIES, BANK & OFFICE

Adams-Lessack Co., 1507 Arch St., Philadelphia, Pa.
 Adams Mfg. Co., Henry T., 8561 S. Chicago Ave., Chicago, Ill.
 The Albemarle Paper Mfg. Co., Richmond, Va.
 Allen-Marshall Co., Ivan, 40 Marietta, Atlanta, Ga.
 Aluminum Index Co., Edgewater, N. J.
 American Bank Supply Co., 628 N. Illinois, Indianapolis, Ind.
 American Lead Pencil Co., 500 Willow Ave., Hoboken, N. J.
 American Tablet & Stationery Co., Green Bay, Wis.
 Arkansas Printing & Lithographing Co., 1000 Center, Little Rock, Ark.
 Atlanta Rubber Stamp & Stencils Wks., 76 Forsyth, N. W., Atlanta, Ga.
 Automatic Pencil Sharpener Co., 58 E. Washington, Chicago, Ill.
 Baker Paper Co., Oshkosh, Wis.
 Banco-General Printing Co., 836 Montgomery, San Francisco, Calif.
BARNARD STATIONERY CO., GEO. D., 3863 Laclede Ave., St. Louis, Mo.
 Beach Printing Co., Will A., 235 N. Phillips Ave., Sioux Falls, S. D.
 Boorum & Pease Co., 84 Hudson, Brooklyn, N. Y.
 Brown-Blodgett Co., 1745 University Ave., St. Paul, Minn.
 Brown, Lent & Pett, Inc., 110 William, New York, N. Y.
 Buchan-White Loose Leaf Co., 1906 Pine St., St. Louis, Mo.
 Burford Printing Co., Wm. B., 40 S. Meridian, Indianapolis, Ind.
 Burke Printing Co., 633 Monroe St., Fredonia, Kans.
 Burroughs Adding Machine Co., 6071 Second Blvd., Detroit, Mich.
 Buxton & Skinner Printing & Stationery Co., 306 N. 4th, St. Louis, Mo.
 Carithers & Co., 128 N. Wells, Chicago, Ill.

Central Office Equip. Co., 120 W. Washington, Fort Wayne, Ind.
 Chicago Central Tablet Mfg. Co., 919 W. 19th Pl., Chicago, Ill.
 Courier Journal Job Printing Co., 326 W. Liberty, Louisville, Ky.
 Currier Manufacturing Co., Northwestern Terminal, Minneapolis, Minn.
 Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 Dameron-Pierson Company Ltd., 400 Camp, New Orleans, La.
 Defiance Sales Corp., 72-73 Spring, New York, N. Y.
 Deak Wood Specialties Co., 199 S. Pelham, Detroit, Mich.
 Dixon Crucible Co., John, Wayne & Monmouth, Jersey City, N. J.
 Doubleday Bros. & Co., 241 E. Michigan Ave., Kalamazoo, Mich.
 Dow Co., Louis F., 2242 University Ave., St. Paul, Minn.
 Drew Co., H. & W. B., 22 W. Bay, Jacksonville, Fla.
 Eastern Tablet Corp., Albany, N. Y.
 Eberhard Faber Pencil Co., 37 Greenpoint Ave., Brooklyn, N. Y.
 Elkhart Stationery Co., Elkhart, Ind.
 Empire Notion Co., 270 W. 38th, New York, N. Y.
 Erie Art Metal Co., Erie, Pa.
 Esterbrook Steel Pen Mfg. Co., 10 Cooper St., Camden, N. J.
 Falconer Co., 414 Water, Baltimore, Md.
 Flammger & Grahl Blank Book Co., 318 N. 3d, St. Louis, Mo.
 Foote & Davies Co., Edgewood & Pryor, Atlanta, Ga.
FT. WAYNE PRINTING CO., 115 E. Brackenridge, Ft. Wayne, Ind.
 Gibson Co., Inc., A. C., 70 Oak, Buffalo, N. Y.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Graff-Underwood Co., 54 Washburne Ave., Cambridge, Mass.
 Grammes & Sons, L. F., Allentown, Pa.
 Hadley Co., Chas. R., 330 N. Los Angeles, Los Angeles, Calif.
 Hall Lithographing Co., 623 Kansas Ave., Topeka, Kan.
 Hammond Printing Co., 101-5 E. 5th, Fremont, Neb.
 Handy-Roll Co., 1245-1247 34th Ave., Oakland, Calif.
 Horder's, Inc., 231 S. Jefferson, Chicago, Ill.
 Invincible Metal Furniture Co., Manitowoc, Wis.
 The Irwin-Hodson Co., 115 N. 15th, Portland, Ore.
 The Joplin Printing Co., Inc., 509-15 Joplin, Joplin, Mo.
 Kalamazoo Stationery Co., Kalamazoo, Mich.
 Kamraas & Sons, H., 110 W. 17th, New York, N. Y.
 Kansas Bank Note Co., Fredonia, Kan.
 Kennedy Printing Co., 609-611 Monroe, Fredonia, Kan.
 Klipto Loose Leaf Co., 15-17 So. Delaware, Mason, Iowa.
 Kohlhaas Co., 204 N. Dearborn, Chicago, Ill.
 Le Febure Corporation, Cedar Rapids, Ia.
 Levey Printing Co., State House Square, Indianapolis, Ind.
 Lloyd Co., W. G., 626 S. Clark, Chicago, Ill.
 Mann Co., Wm., 529 Market, Philadelphia, Pa.
 Martell Co., A. E., Keene, N. H.
 Marx-Lyons Co., 23 N. 10th, Philadelphia, Pa.
 Master-Craft Corp., 825 Cobb Ave., Kalamazoo, Mich.
 Miller-Davis Co., 219 S. 4th, Minneapolis, Minn.
 Myself-Rollins Bank Note Co., 500 Sansome, San Francisco, Cal.
 Office Systems Co., 548 Main, Cincinnati, O.
 Orthwine, R., 344 W. 34th, New York, N. Y.
 Oxford Filing Supply Co., 340 Morgan Ave., Brooklyn, N. Y.
 Patrick and Moise-Klinkner Co., 560 Market, San Francisco, Calif.
 Pembroke Co., 24 E. Broadway, Salt Lake City, Utah.
 Pettibone & Co., P. F., 27 N. Desplaines, Chicago, Ill.
 Phillips Ribbon & Carbon Co., 61 Halstead, Rochester, N. Y.
 Pioneer, Inc., 12th & A, Tacoma, Wash.
 Polar Mfg. Co., 401 N. Broad, Philadelphia, Pa.
 Remington Rand, Inc., Buffalo, N. Y.
 Richmond & Backus Co., The, Woodward at Congress, Detroit, Mich.
 Robinson Mfg. Co., 171 Elm, Westfield, Mass.
 Safford Stamp Works, 205 W. Madison, Chicago, Ill.
 Sainberg & Co., Inc., 37-43 W. 26th, New York, N. Y.
 Schwabacher-Frey Co., 735 Market, San Francisco, Calif.
 Scripto Manufacturing Co., 423 Houston, N. E., Atlanta, Ga.
 Sebastian & Co., 224 N. Desplaines, Chicago, Ill.
 Shaw-Walker Co., The, Muskegon, Mich.
 Smith Co., Oscar T. & Son, 407-411 E. Saratoga, Baltimore, Md.
 Smith Tablet Co., The, Huntingdon, Pa.
 Southern States Ptg. Co., Inc., 120 E. Taylor, Griffin, Ga.
 Strayer Coin Bag Co., 1028-4th Ave., New Brighton, Pa.
 Stuart-Hooper Co., 5431 S. Wabash Ave., Chicago, Ill.
 Stylograph Corp., The, Scottsville Rd., Rochester, N. Y.
 Swisher Mfg. Co., R. D., 411-13 S. Clinton, Chicago, Ill.
 Todd Co., The, 1185 University Ave., Rochester, N. Y.

SUPPLIES, BANK & OFFICE—Continued

Twentieth Century Co., 542 S. Dearborn, Chicago, Ill.
 Union Paper & Twine Co., 116 St. Clair Ave., N. W., Cleveland, Ohio.
 United States Check Book Co., 1309-1315 Howard, Omaha, Neb.
 Walker, Evans & Cogswell Co., 3 Broad, Charleston, S. C.
 Watt & Gillogly Inc., 105 S. Dearborn, Chicago, Ill.
 Weis Mfg. Co., Union, Monroe, Mich.
 Western Bank Supply Co., 3151 Texas, Oakland, Calif.
 Widman & Sons Co., J. F., McGregor, Ia.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.
 Young & Selden Co., Calvert & Saratoga, Baltimore, Md.
 Zimmerman Bros. & Co., 4020 Michigan, Chicago, Ill.

SUPPLIES, CHRISTMAS CLUB

(See Christmas Savings)

419 SUPPLIES, DEPOSIT TICKET FILES

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

420 SUPPLIES, DUPLICATOR

Duplicator Paper & Supply Co., 224 N. Desplaines, Chicago, Ill.

421 SUPPLIES, FILING

Acco Products, Inc., 39th Ave. & 24th, Long Island City, N. Y.
 Acme Card System Co., 118 S. Michigan, Chicago, Ill.
 Amberg File & Index Co., 1400 Fulton, Chicago, Ill.
 Ames Safety Envelope Co., 610 Atlantic Ave., Boston, Mass.
 Automatic File & Index Co., 427 W. Randolph, Chicago, Ill.
 Bankers Box Co., 536 S. Clark, Chicago, Ill.
 Bushnell Co., Alvah, 13th & Wood, Philadelphia, Pa.
 Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 General Fireproofing Co., Youngstown, O.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Hub Mfg. Co., J. C., 1760 E. 22d, Cleveland, O.
 Invincible Metal Furniture Co., Manitowoc, Wis.
 Le Febure Corp., Cedar Rapids, Iowa.
 Lexington Desk Co., Inc., 158 E. 42nd, New York, N. Y.
 Lloyd Co., W. G., 626 S. Clark, Chicago, Ill.
 Macey Co., The, 1520 Division Ave., S., Grand Rapids, Mich.
 Oxford Filing Supply Co., 340 Morgan Ave., Brooklyn, N. Y.
 Patrick and Moise-Klinkner Co., 560 Market, San Francisco, Calif.
 Presteel Engineering Co., 52 Vanderbilt Ave., New York, N. Y.
 Remington Rand, Inc., Buffalo, N. Y.
 Shaw-Walker Co., Muskegon, Mich.
 Strayer Coin Bag Co., 1028 4th Ave., New Brighton, Pa.
 Stylograph Corp., The, Scottsville Rd., Rochester, 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.

SUPPLIES, FILING, CARD

(See Supplies, Filing)

422 SUPPLIES, LOOSE LEAF

Boorum & Pease Co., 84 Hudson, Brooklyn, N. Y.
 Brown Paper Co., L. L., Commercial St., Adams, Mass.
 Brown, Lent & Pett, Inc., 110 William, New York, N. Y.
 Buchan-White Loose Leaf Co., 1906 Pine, St. Louis, Mo.
 Buxton & Skinner Printing & Stationery Co., 306 N. 4th, St. Louis, Mo.
 Cadwallader & Johnson, 844 Rush St., Chicago, Ill.
 Commercial Lithographing Co., 825 W. Market, Louisville, Ky.
 Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 Dow Co., Louis F., 2242 University Ave., St. Paul, Minn.
 Foote & Davies Co., Edgewood & Pryor, Atlanta, Ga.
 Ft. Wayne Printing Co., 115 E. Brackenridge, Ft. Wayne, Ind.

Gilbert Paper Co., Menasha, Wis.
 Hadley Co., Charles R., 330 N. Los Angeles, Los Angeles, Calif.
 Hall Lithographing Co., 623 Kansas Ave., Topeka, Kan.
 Holder's, Inc., 231 S. Jefferson, Chicago, Ill.
 The Joplin Printing Co., Inc., 509-15 Joplin, Joplin, Mo.
 Joyce Filing Co., Edw. J., 56 Washington, Chicago, Ill.
 Lefax (Inc.), 9th & Sansom, Philadelphia, Pa.
 Le Febure Corp., Cedar Rapids, Iowa.
 Mann Co., Wm., 529 Market, Philadelphia, Pa.
 Martell Co., A. E., Keene, N. H.
 McBee Binder Co., Smith, Athens, Ohio.
 Marshall-Jackson Co., 26 S. Clark, Chicago, Ill.
 Moore Corp., John C., 65 Stone, Rochester, N. Y.
 National Blank Book Co., Riverside, Holyoke, Mass.
 Pembroke Co., 24 E. Broadway, Salt Lake City, Utah.
 Remington Rand, Inc., Buffalo, N. Y.
 Shaw-Walker Co., The, Muskegon, Mich.
 Sheppard Co., C. E., 4401 21st, Long Island, N. Y.
 Smith-Brooks Ptg. Co., 1733 California, Denver, Colo.
 Southern States Printing Co., Inc., 120 E. Taylor, Griffin, Ga.
 Tallman Robbins & Co., 314 W. Superior, Chicago, Ill.
 United States Check Book Co., 1309-1315 Howard, Omaha, Neb.
 Widman & Sons Co., J. F., McGregor, Ia.
 Wilson-Jones Co., 3300 Franklin, Chicago, Ill.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

423 SUPPLIES, MACHINE BOOKKEEPING

Aluminum Index Co., Edgewater, N. J.
 Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 Ft. Wayne Printing Co., 115 E. Brackenridge, Ft. Wayne, Ind.
 Hadley Co., Charles R., 330 N. Los Angeles, Los Angeles, Calif.
 The Joplin Printing Co., Inc., 509-15 Joplin, Joplin, Mo.
 Kennedy Printing Co., 609-611 Monroe, Fredonia, Kan.
 Le Febure Corp., Cedar Rapids, Iowa.
 McDonald Ledger & Loose Leaf Co., 1809 Summerdale, Chicago, Ill.
 Mann Co., Wm., 329 Market, Philadelphia, Pa.
 Martell Co., A. E., Keene, N. H.
 National Blank Book Co., Riverside, Holyoke, Mass.
 Remington Rand, Inc., Buffalo, N. Y.
 Sheppard Co., C. E., 4401 21st, Long Island, N. Y.
 Richmond & Backus Co., Woodward at Congress, Detroit, Mich.
 Shaw-Walker Co., Muskegon, Mich.
 Sheppard Co., C. E., Van Alst & 14th, Long Island, N. Y.
 Southern States Ptg. Co., Inc., The, 120 E. Taylor, Griffin, Ga.
 Stylograph Corp., The, Scottsville Rd., Rochester, N. Y.
 Wilson-Jones Co., 3300 Franklin Blvd., Chicago, Ill.
 Workman Mfg. Co., 1200 W. Monroe, Chicago, Ill.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.
 Young & Selden Co., Calvert & Saratoga, Baltimore, Md.

424 SUPPLIES, PHOTO COPYING MACHINE

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

425 SUPPLIES, TYPEWRITER

Clarotype Company, Inc., 16 Hudson, New York, N. Y.
 Crown Ribbon & Carbon Mfg. Co., 782 St. Paul, Rochester, N. Y.
 Manifold Supplies Co., 188 Third Ave., Brooklyn, N. Y.
 Remington Rand, Inc., Buffalo, N. Y.
 Rochester Ribbon & Carbon Co., 38 Browns Race, Rochester, N. Y.
 Ros Rol, Typewriter Roller Cleaner Co., 128 E. Main, Norristown, Pa.
 United States Pencil Co., Inc., 487 Broadway, New York, N. Y.
 Webster Co., Inc., F. S., 340 Congress, Boston, Mass.

426 SYSTEMS, ACCOUNTING

Arnold Himmelblau & Co., 140 S. Dearborn, Chicago, Ill.
 Bankers Standardization Bureau of Brown-Blodgett Co., University at Wheeler, St. Paul, Minn.
 Foote Adap-Table Systems Co., 1760 E. 22nd, Cleveland, O.
 Le Febure Corporation, Cedar Rapids, Ia.
 Lloyd & Co., W. G., 626 S. Clark, Chicago, Ill.
 Martell Co., A. E., Keene, N. H.
 MORAN, B. T., INC., 400 N. Michigan Ave., Chicago, Ill.

National Blank Book Co., Riverside, Holyoke, Mass.
 Postindex Co., Inc., Jones & Gifford Ave., Jamestown, N. Y.
 Shaw-Walker Co., The, Muskegon, Mich.
 Stylograph Corp., The, Scottsville Rd., Rochester, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

427 SYSTEMS, BUDGET, HOME

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

SYSTEMS, CHRISTMAS SAVINGS

(See Christmas Savings)

428 SYSTEMS, COLLECTION

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

429 SYSTEMS, FILING

Aluminum Index Co., Edgewater, N. J.
 Amberg File & Index Co., 1400 Fulton, Chicago, Ill.
 Automatic File & Index Co., 427 W. Randolph, Chicago, Ill.
 General Fireproofing Co., Youngstown, Ohio.
 Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Invincible Metal Furniture Co., Manitowoc, Wis.
 Le Febure Corporation, Cedar Rapids, Ia.
 Macey Co., The, 1520 Division Ave., So., Grand Rapids, Mich.
 Marshall Jackson Co., 26 S. Clark, Chicago, Ill.
 Metal Office Furniture Co., Grand Rapids, Mich.
 Oxford Filing Supply Co., 340 Morgan Ave., Brooklyn, N. Y.
 Pfening & Snyder, Inc., 154 N. Fifth, Columbus, O.
 Presteel Engineering Corporation, 52 Vanderbilt Ave., New York, N. Y.
 Remington Rand, Inc., Buffalo, N. Y.
 Shaw-Walker Co., Muskegon, Mich.
 Steel Fixture Mfg. Co., E. 7th & Adams, Topeka, Kan.
 Victor Safe & Equipment Co., The, Marietta, O.
 Wagemaker Co., 566 S. Market, Grand Rapids, Mich.
 Weis Mfg. Co., Union, Monroe, Mich.
 Yawman & Erbe Mfg. Co., 1099 Jay, Rochester, N. Y.

430 SYSTEMS, FILING, CARD

(See also Systems, Filing)

Amberg File & Index Co., 1400 Fulton, Chicago, Ill.
 Findex Co., 1560 W. Pierce St., Milwaukee, Wis.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 Le Febure Corporation, Cedar Rapids, Ia.
 Postindex Co., Inc., Jones & Gifford Ave., Jamestown, N. Y.
 Presteel Engineering Corp., 52 Vanderbilt Ave., New York, N. Y.
 Remington Rand, Inc., Buffalo, N. Y.
 Shaw-Walker Co., Muskegon, Mich.
 Wagemaker Co., 566 S. Market, Grand Rapids, Mich.
 Yawman & Erbe Mfg. Co., 1099 Joy St., Rochester, N. Y.

SYSTEMS, INTER-COMMUNICATING

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

431 SYSTEMS, LEDGER

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

432 SYSTEMS, LEDGER, CARD

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

433 SYSTEMS, LOOSE LEAF

Allen-Marshall Co., Ivan, 40 Marietta, Atlanta, Ga.
 Bankers Standardization Bureau of Brown-Blodgett Co., University at Wheeler, St. Paul, Minn.
 Boorum & Pease Co., 84 Hudson, Brooklyn, N. Y.
 Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 Dameron-Pierce Company Ltd., 400 Camp, New Orleans, La.
 Doubleday Bros. & Co., 241 E. Michigan Ave., Kalamazoo, Mich.
 Hadley Co., Charles R., 330 N. Los Angeles, Los Angeles, Calif.
 Hall Lithographing Co., 623 Kansas Ave., Topeka, Kan.
 Heinn Company, 335 Florida, Milwaukee, Wis.
 Lefax (Inc.), 9th & Sansom, Philadelphia, Pa.
 Le Febure Corp., Cedar Rapids, Iowa.
 Lloyd Co., W. G., 626 S. Clark, Chicago, Ill.
 Mann Co., Wm., 529 Market, Philadelphia, Pa.
 Martell Co., A. E., Keene, N. H.
 McDonald Ledger & Loose Leaf Co., 1809 Summerdale, Chicago, Ill.
 Moore Corp., John C., 65 Stone, Rochester N. Y.
 National Blank Book Co., Riverside, Holyoke, Mass.
 Remington Rand, Inc., Buffalo, N. Y.
 Richmond & Backus Co., Woodward at Congress, Detroit, Mich.
 Shaw-Walker Co. The, Muskegon, Mich.
 Sheppard Co., C. E., 4401 21st., Long Island City, N. Y.
 Stationers Loose Leaf, 350 Broadway, Milwaukee, Wis.
 Tallman Robbins & Co., 314 W. Superior, Chicago, Ill.
 Wilson-Jones Co., 3300 Franklin, Chicago, Ill.
 Yawman & Erbe Mfg. Co. 1099 Jay St., Rochester, N. Y.

434 SYSTEMS, MACHINE BOOKKEEPING

(See also Machines, Bookkeeping)

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

435 SYSTEMS, MAP

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

SYSTEMS, SAFE DEPOSIT

(See Safe Deposit Records)

SYSTEMS, SAVINGS

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

436 SYSTEMS, SIGNALING

Auto Call Col, Shelby, Ohio.
 Cook Co., H. C., 16 Beaver St., Ansonia, Conn.
 Danne, Harold A., 41 Park Row, New York, N. Y.

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437 TABLES, DIRECTORS

(See also Furniture)

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

438 TABLES, INTEREST

Curtis 1000 Inc., 1000 University Ave., St. Paul, Minn.
 Financial Publishing Co., 9 Newbury, Boston, Mass.
 Lefax (Inc.), 9th & Sansom, Philadelphia, Pa.
 Mellicke Systems, Inc., 3466 N. Clark, Chicago, Ill.
B. T. MORAN, 400 No. Michigan Ave., Chicago, Ill.
TWENTIETH CENTURY CO., 542 S. Dearborn, Chicago, Ill.

439 TABLES, TRAY

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

440 TABLES, TYPEWRITER (ADJUSTABLE)

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

441 TABLETS, BRONZE

Acme Wire and Iron Works, 12340 Cloverdale, Detroit, Mich.
 American Bronze Co., 1316 W. 63d, Chicago, Ill.
 Art in Bronze Co., Inc., 1621 E. 41st, Cleveland, O.
 Atlas Bronze Mfg. Co., 2640-2648 N. Maplewood Ave., Chicago, Ill.
 Baldwin Brass Works, 321 S. California Ave., Chicago, Ill.
 Brakmeier Bros., 112 S. 4th Ave., Louisville, Ky.
 Chicago Architectural Bronze Co., 1948 W. Ohio, Chicago, Ill.
 Chicago Thrift Co., 1100 Washington, Chicago, Ill.
 Corbin, P. & F., Division American Hardware Corp., Park St., New Britain, Conn.
 Davenport-Taylor Corp., 412 Orleans, Chicago, Ill.
 Dobie & Co., Arthur L., 523 N. Halsted, Chicago, Ill.
 Faries Mfg. Co., 1036 E. Grand Ave., Decatur, Ill.
 Flour City Ornamental Iron Co., 27th Ave. & 27th St., Minneapolis, Minn.
 General Bronze Corp., 3744 N. Booth, Milwaukee, Wis.
 Gibson, Company, A. C., 70 Oak, Buffalo, N. Y.
 Guth C., Edwin F., 2615 Washington Blvd., St. Louis, Mo.
 Harsch Bronze & Foundry Co., John, 11612 Madison Ave., Cleveland, Ohio.
 Imperial Brass Mfg. Co., 1200 W. Harrison, Chicago, Ill.
 Matthews & Co., Jas. H., 3942 Forbes, Pittsburgh, Pa.
 Michaels Art Bronze Co., Inc., 231-239 Court, Covington, Ky.
 National Art Works, Inc., 710 Greer Ave., Covington, Ky.
 Oregon Brass Works, 2d & Everett, Portland, Ore.
 Price Brothers, Inc., 2640-2648 N. Maplewood Ave., Chicago, Ill.
 Safford Stamp Works, 205 W. Madison, Chicago, Ill.
 Southern Brass Mfg. & Plating Co., 6614-6620 Harrisburg Blvd., Houston, Tex.
 Steere & Sons, Geo., 434 S. Dearborn, Chicago, Ill.
 Turner Brass Works, Sycamore, Ill.
TWENTIETH CENTURY CO., 542 S. Dearborn, Chicago, Ill.
 Tyler Co., W. S., Cleveland, Ohio.
 United States Bronze Sign Co., 217-219 Centre, New York, N. Y.
 Usona Mfg. Co., 3512 Chouteau, St. Louis, Mo.
 Williams, Inc., John, 542 W. 27th, New York, N. Y.
 Zimmerman Bros. & Co., 4020 Michigan Ave., Chicago, Ill.

442 TACKS, MAP

Graff-Underwood Co., 54 Washburn Ave., Cambridge, Mass.
 Moore Push-Pin Co., 113-125 Berkley, Philadelphia, Pa.
RAND McNALLY & CO., 536 S. Clark St., Chicago, Ill.

443 TAGS, MAILING

Cupples Envelope Co., Samuel, 628 S. 6th, St. Louis, Mo.
 Pavey Envelope & Tag Co., 36 Green, Newark, N. J.
 Porter Safety Seal Co., 265 N. California Ave., Chicago, Ill. (See our adv. on this page.)
 Shuman Co., Frank G., 771 W. Jackson Blvd., Chicago, Ill.
 Union Paper & Twine Co., 116 St. Clair Ave., N.W., Cleveland, Ohio.

444 TAGS, REGISTERED MAIL

Pavey Envelope & Tag Co., 36 Green, Newark, N. J.
PORTER SAFETY SEAL CO., 265 N. California Ave., Chicago, Ill. (See our adv. on this page.)

445 TAPE, GUMMED

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

TAPE SEALING MACHINES

(See Machines, Sealing, Gummed Tape)

TAX SERVICE

(See Service Tax)

446 TEAR GAS PROTECTIVE EQUIPMENT

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

447 TELAUTOGRAPHS

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

448 TELEPHONE ATTACHMENTS

(See also Brackets and Indexes, Telephone)

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

449 TELEPHONE MOUTHPIECES (GLASS)

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

450 TELEPHONES, INTER-COMMUNICATING

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

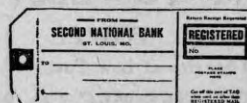
451 TELLERS-BOOKKEEPERS INTER-COMMUNICATING SYSTEMS

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

452 TERRA COTTA

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

CLOTH SHIPPING TAGS



*Samples
mailed on
request*

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

453 TEXTBOOKS, BANKING

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

454 THERMOMETERS, ADVERTISING

Aircraft Manufacturing Co., 2448-56 W. 22d,
 Chicago, Ill.
 Advertising Novelty Co., 420 S. Winchester Ave.,
 Chicago, Ill.
 American Thermometer Co., 2907 Clark Ave., St.
 Louis, Mo.
 Follis Advertising Service, W. E., 159 N. State,
 Chicago, Ill.
 Marshall Mfg. Co., The, 12th & Orchard, Coshoo-
 ton, Ohio.
 Mayer Mfg. Corp., 1436 W. Randolph, Chicago, Ill.
 Shaw Advertising Co., 520 Produce Exch. Bldg.,
 Kansas City, Mo.
 Stanwood-Hillson Corp., 14 High, Brookline, Mass.
 Taylor Brothers Co., 85 Ames, Rochester, N. Y.

THRIFT SYSTEMS

(See specific headings: Christmas Savings, Indus-
 trial Savings, School Savings, etc.)

455 TIME FINDERS

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

TIME STAMPS

(See Stamps, Time)

456 TOWEL SUBSTITUTES

GENERAL UTILITIES MFG. CO., 2587 East
Grand Blvd., Detroit, Mich. (See our adv. on
 this page.)

TRANSFER BINDERS

(See Binders, Transfer)

TRAY CABINETS

(See Cabinets, Tray)

TRAY TABLES

(See Tables, Tray)

457 TRAYS, CARD LEDGER

Art Metal Construction Co., Jones & Gifford Ave.,
 Jamestown, N. Y.
 Automatic File & Index Co., 427 W. Randolph,
 Chicago, Ill.
 Buchan-White Loose Leaf Co., 1906 Pine, St. Louis,
 Mo.
 Edwards Co., Inc., O. M., 50 Church St., New
 York, N. Y.
 Hadley Co., Chas. R., 330 N. Los Angeles, Los
 Angeles, Calif.
 Kohlhaas Co., 204 N. Dearborn, Chicago, Ill.
 Le Febure Corp., Cedar Rapids, Iowa.
 Lloyd Co., W. G., 626 S. Clark, Chicago, Ill.
 The McBee Binder Co., Smith, Athens, Ohio.
 Remington Rand, Inc., Buffalo, N. Y.
 Shaw-Walker Co., Muskegon, Mich.
 Watson Mfg. Co., Jamestown, N. Y.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Roch-
 ester, N. Y.

458 TRAYS, CHECK

Aluminum Index Co., Edgewater, N. J.
 Automatic File & Index Co., 427 W. Randolph,
 Chicago, Ill.
 Coleman Time-Saver Co., 35 E. College, Oberlin, O
 Currier Manufacturing Co., Inc., North Western
 Terminal, Minneapolis, Minn.

Davidson Co., J. L., 632-648 San Mateo, Los
 Angeles, Calif.
 Dibb Manufacturing Co., Inc., 4054 West Broad-
 way, Robbinsdale, Minn.
 Kolhaas Co., 204 N. Dearborn, Chicago, Ill.
 Le Febure Corporation, Cedar Rapids, Ia.
 Remington Rand, Inc., Buffalo, N. Y.
 Sorter Graf Co., 4044 W. Jefferson, Detroit, Mich.
 Watson Mfg. Co., Jamestown, N. Y.
 Yawman & Erbe Mfg. Co. 1099 Jay St., Roch-
 ester, N. Y.

459 TRAYS, COIN

Abbott Coin Counter Co., 143d & Wales, New
 York, N. Y.
 Aluminum Index Co., Edgewater, N. J.
 Art Steel Co., Inc., 401 E. 23d, New York, N. Y.
 Brandt Automatic Cashier Co., 515 First St.,
 Watertown, Wis.
 Downey Co., C. L., 943-947 Clark, Cincinnati, O.
 Hoefer Change-Maker Co., 3700 E. 12th, Kansas
 City, Mo.
 Merriam Mfg. Co., Durham, Conn.
 Polar Mfg. Co., 401 N. Broad, Philadelphia, Pa.
 Remington Rand, Inc., Buffalo, N. Y.
 Strayer Coin Bag Co., 1028 4th Ave., New Brigh-
 ton, Pa.
 Tauck & Co., Arthur C., 20 Clinton St., Newark,
 N. J.
 Tucker & Dorsey Mfg. Co., 302 S. State, Indi-
 anapolis, Ind.
 Watson Mfg. Co., Jamestown, N. Y.

460 TRAYS, COIN PACKAGING

Abbott Coin Counter Co., 143d & Wales Ave.,
 New York, N. Y.
 Brandt Automatic Cashier Co., 515 First St.,
 Watertown, Wis.
 Downey Co., C. L., 943-947 Clark, Cincinnati, O.
 Standard-Johnson Co., Inc., 371 Pacific, Brook-
 lyn, N. Y.
 Strayer Coin Bag Co., 1028-4th Ave., New Brigh-
 ton, Pa.
 Tauck & Co., Arthur C., 20 Clinton St., Newark,
 N. J.

461 TRAYS, DISPLAY

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

462 TRAYS, DRAWER

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

TRAYS, SORTING

(See Trays, Check)

TRUCKS, VAULT

(See Omnibuses, Vault)

TRUST DEPT. ADVERTISING

(See Advertising, Trust Department)

463 TRUST DEPARTMENT COURSES

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

TRUST DEPT. FORMS

(See Forms, Trust Dept.)

TWINE

(See Supplies, Bank & Office)

TYPEWRITER RIBBONS

(See Ribbons, Typewriter)

464 TYPEWRITERS

American Writing Machine Co., 374 Broadway,
 New York, N. Y.
 Burroughs Adding Machine Co., 6071 Second Blvd.,
 Detroit, Mich.
 Demountable Typewriter Co., Inc., 110 S. Brook,
 Fond du Lac, Wis.
 Electromatic Typewriters, Inc., 45 Crouch,
 Rochester, N. Y.
 Hammond Typewriter Co., 502 E. 132d, New York,
 N. Y.
 Pittsburgh Typewriter & Supply Co., 339 Fifth
 Ave., Pittsburgh, Pa.
 Regal Typewriter Co., Inc., 431 Canal, New
 York, N. Y.
 Remington Rand, Inc., Buffalo, N. Y.
 Royal Typewriter Co., Inc., 316 Broadway, New
 York, N. Y.
 Smith, L. C., & Corona Typewriters, Inc., 51 Madi-
 son, New York, N. Y.
 Underwood Typewriter Co., New York, N. Y.
 Varityper, Incorporated, Chrysler Bldg., New
 York, N. Y.
 Wholesale Typewriter Co., The, 155 6th Ave.,
 New York, N. Y.
 Woodstock Typewriter Co., 6 N. Michigan Ave.,
 Chicago, Ill.

TYPEWRITERS, ACCOUNTING

(See Machines, Bookkeeping)

465 TYPEWRITERS, AUTOMATIC

American Automatic Typewriter Co., 233 W.
 Schiller, Chicago, Ill.
 Hooven Automatic Typewriter Corp., Hamilton, O.

466 TYPEWRITERS, ELECTRIC

ELECTROMATIC TYPEWRITERS, INC., 45
Crouch, Rochester, N. Y.
 Woodstock Typewriter Co., 6 N. Michigan Ave.,
 Chicago, Ill.

467 TYPEWRITERS, PORTABLE

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

468 TYPEWRITERS, REBUILT

Regal Typewriter Co., Inc., 431 Canal, New York,
 N. Y.
 Shipman-Ward Mfg. Co., 4401 Ravenswood,
 Chicago, Ill.
 Wholesale Typewriter Co., The, 155 6th Ave.,
 New York, N. Y.

469 TYPEWRITERS, TELEGRAPHIC

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

V**VAULT ENGINEERS**

(See Vault Inspection)

VAULT EQUIPMENT

(See Equipment, Vault)

470 VAULT INSPECTION

Bank Vault Inspection Co., 5 So. 18th, Philadel-
 phia, Pa.
 Diebold Safe & Lock Co., 818 Mulberry Rd., S. E.,
 Canton, Ohio.
HOLLAR COMPANY, Packard Bldg., Phila-
delphia, Pa.
 Hone, Hugh R., 3858 42d Ave., N. E., Seattle,
 Wash.
 Hunt Co., Robt. W., 175 W. Jackson Blvd.,
 Chicago, Ill.
 Mosler Lock Co., 3d & Scott Sts., Covington, Ky.
 Scheitler & Wenisch, 737 N. Michigan Ave.,
 Chicago, Ill.
YALE & TOWNE MFG. CO., Stamford, Conn.

WHY RENT TOWELS?**THE ELECTRIC TOWEL**

Continuous Towel Service at Low Cost

GENERAL UTILITIES MFG. CO.

2587 East Grand Blvd. - Detroit, Mich.

VAULT REINFORCING

(See Reinforcing, Vault)

471 VAULT STEPS

(See also Equipment Vault)

Art Metal Products Co., 514 S. Green, Chicago, Ill.
 Diebold Safe & Lock Co., 818 Mulberry Rd., S. E., Canton, O.

472 VAULTS

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

VENETIAN BLINDS

(See Blinds, Venetian)

473 VENTILATORS, VAULT

American District Telegraph Co., 155 6th Ave., New York, N. Y.
 Diebold Safe & Lock Co., 818 Mulberry Rd., S.E., Canton, Ohio.
 Duplex Electric Co., 71 Grand St., New York, N. Y.
 Gerdes, Theo. R. N., 105 Bank, New York, N. Y.
 McClintock Co., O. B., 139 Lyndale Ave., N., Minneapolis, Minn.

474 VISIBLE RECORDS

Acme Card System Co., 8 S. Michigan, Chicago, Ill.
 Aluminum Index Co., Edgewater, N. J.
 Automatic File & Index Co., 427 W. Randolph, Chicago, Ill.
 Boorum & Pease Co., 84 Hudson Ave., Brooklyn, N. Y.
 Connolly Co., Henry, 39 Elizabeth, Rochester, N.Y.
 Cook Co., H. C., 16 Beaver St., Ansonia Conn.
 Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 International Visible Systems Corp., 1001 Enquirer Bldg., Cincinnati, O.
 Le Febure Corporation, Cedar Rapids, Ia.
 Lloyd Co., W. C., 626 S. Clark, Chicago, Ill.
 Marshall Jackson Co., 26 S. Clark, Chicago, Ill.
 Pembroke Co., 24 E. Broadway, Salt Lake City, Utah
 Postindex Co., Inc., Jones & Gifford Ave., Jamestown, N. Y.
 Pressteel Engineering Corporation, 52 Vanderbilt Ave., New York, N. Y.
 Remington Rand, Inc., Buffalo, N. Y.
 Ross-Gould Co., 309 N. 10th, St. Louis, Mo.
 Shaw-Walker Co., The, Muskegon, Mich.
 Sheppard Co., C. E., 4401 21st, Long Island City, N. Y.
 Stationers Loose Leaf, 350 Broadway, Milwaukee, Wis.
 Visible Records Equipment Co., 1432 Altgeld, Chicago, Ill.
 Weis Mfg. Co., Union, Monroe, Mich.

W

WALL SAFES

(See Safes, Wall)

475 WALLETS, EXPANDING

Ames Safety Envelope Co., 610 Atlantic Ave., Boston, Mass.
 Berkowitz Envelope Co., 19th & Campbell, Kansas City, Mo.
 Bushnell Co., Alvah, 13th & Wood, Philadelphia, Pa.
 The Globe-Wernicke Co., Carthage Ave., Cincinnati, O.
 McGill Paper Products Co., 501 Seventh Ave., Minneapolis, Minn.
 Oxford Filing Supply Co., 340 Morgan Ave., Brooklyn, N. Y.
 Security Envelope Co., 2900 Fifth Ave., Minneapolis, Minn.

476 WALLETS, LEATHER

Amity Leather Products, West Bend, Wis.
 Besch Leather Co., 1301 E. Walnut, Coshooton, O.
 Brown & Bigelow, Quality Park, St. Paul, Minn.
 Buckeye Leather Co., 947 Chestnut, Coshooton, O.
 Carrithers & Co., 128 N. Wells, Chicago, Ill.
 Coshooton Specialty Co., Coshooton, O.
 The Exline Co., 113 St. Clair Ave., N. E., Cleveland, Ohio.
 Kohl & Co., Inc., P. J., 224-230 W. Huron, Chicago, Ill.
 Leather Products Co., 201 South, Iola, Kan.
 L'Enfant-Oley-Martine Mfg. Corp., 99-101 Fifth Ave., New York, N. Y.
 MORAN, B. T., INC., 400 N. Michigan Ave., Chicago, Ill.
 Novelty Advertising Co., Coshooton, O.
 Nutry, John, 85 Adams, Brooklyn, N. Y.
 Oliver Baker Mfg. Co., 420 S. 7th, Minneapolis, Minn.
 Strayer Coin Bag Co., 1028-4th Ave., New Brighton, Pa.
 Universal Check Cover Co., 320 W. Pleasant, Springfield, Ohio.
 Weinman Bros., 305 W. Adams, Chicago, Ill.

WASTE PAPER BALING MACHINES

(See Machines, Baling, Waste Paper)

WATCHMEN'S CLOCKS

(See Clocks, Watchmen's)

477 WATER COOLERS

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

478 WAX, SEALING

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

WAX SEALS

(See Seals)

WICKETS

(See Grille Work)

WINDOW DISPLAYS

(See Advertising, Window Display)

479 WIRE GOODS

General Bronze Corp., 3744 N. Booth, Milwaukee, Wis.
 Peerless Wire Goods Co., 2720 Ferry, Lafayette, Ind.

WIRE SIGNS

(See Signs, Wire)

480 WIREWORK

Acme Wire and Iron Works, 12340 Cloverdale, Detroit, Mich.
 American Iron & Wire Works, 1621 Carroll Ave., Chicago, Ill.
 Buffalo Wire Works Co., Inc., 577 Terrace, Buffalo, N. Y.
 Portland Wire & Iron Works, 294 Second, Portland, Ore.
 Standard Iron & Wire Works, 510-12 E. 10th, Chattanooga, Tenn.
 Tyler Co., The. W. S., 3615 Superior Ave., Cleveland, O.
 Western Wire & Iron Works, Inc., 952 W. 18th Place, Chicago, Ill.
 Williams, Inc., Jno., 542 W. 27th, New York, N. Y.

481 WOODWORK

Aetna Cabinet Co., 321-329 W. Maryland, Indianapolis, Ind.
 American Fixture Co., 16th & Bellefontaine, Kansas City, Mo.
 Fisher Co., Johnson & Richings Sts., Charles City, Iowa.
 Georgia Show Case Co., West End, Montgomery, Ala.
 Mitchell Mfg. Co., Robt., 2d & John, Cincinnati, O.
 Mount & Robertson, Inc., 62 Broad, New York, N. Y.
 Nachteggall Mfg. Co., 237-45 S. Front, Grand Rapids, Mich.
 Schick-Johnson Co., 1737 N. Paulina, Chicago, Ill.
 St. Louis Bank Bldg. & Eqt. Co., 906 Sidney, St. Louis, Mo.
 Wagemaker Co., 566 S. Market, Grand Rapids, Mich.
 Yawman & Erbe Mfg. Co., 1099 Jay St., Rochester, N. Y.

482 WRAPPERS, COIN

Abbott Coin Counter Co., 143d & Wales, New York, N. Y.
 Albemarle Paper Mfg. Co., Richmond, Va.
 American Bindery Corp., 1310 Maple, Detroit, Mich.
 Banco-General Printing Co., 836 Montgomery St., San Francisco, Calif.
 Coinometer Distributors, 810 Equitable Bldg., St. Louis, Mo.
 Dennison Mfg. Co., 300 Howard, Framingham, Mass.
 Downey Co., C. L., 943-947 Clark, Cincinnati, O.
 The Exline Co., 113 St. Clair Ave., N. E., Cleveland, Ohio.
 Marx-Lyons Co., 23 N. 10th, Philadelphia, Pa.
 Ideal Coin Container Co., 136 Fulton, Brooklyn, N. Y.
 Klopp Engineering Works, 17185 Ryan Rd., Detroit, Mich.
 Marion Mfg. Co., 471 Stephens St. S. W., Atlanta, Ga.
 Package Binder Co., The, Commonwealth Bldg., Annex, Pittsburg, Pa.
 Sattley Co., 657 Mt. Elliott Ave., Detroit, Mich.
 Spurgin Mfg. Co., 7011 Vincennes, Chicago, Ill.
 Standard-Johnson Co., Inc., 371 Pacific, Brooklyn, N. Y.
 Strayer Coin Bag Co., 1028-4th Ave., New Brighton, Pa.
 Twentieth Century Co., 542 S. Dearborn, Chicago, Ill.
 Young & Selden Co., 224 N. Calvert, Baltimore, Md.
 Zimmerman & Murray, 107 W. Penn, Whittier, Cal.
 Zimmerman Bros., & Co., 4020 Michigan, Chicago, Ill.

WRITERS, CHECK

(See Protectors, Check)

WRITING PAPER

(See Stationers, Manufacturing)

Y

YEAR BOOKS

(See Stationers, Manufacturing)

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101740 • Utica*† Oneida

MILLER & HUBBELL. Attorneys for the Utica Trust & Dep. Co., Oneida National, Second National, and the Savings Bank of Utica.

67542 • Racine*† Racine

HAND & QUINN, 401-15 Badger Building. Counsel: First National Bank & Trust Co. of Racine, State Bank Watford, State Bank of Union Grove. Special attention given to Corporation, Commercial and estate matters; also Federal and State taxes.

50193 • Asheville*† Buncombe

LEE & LEE, Attorneys for Central Bank & Trust Company, American National Bank.
Revisers of the North Carolina laws for this publication.

39241 • Quincy*† Adams

WILSON & SCHMIEDESKAMP. Attorneys for: Mercantile Trust & Sav. Bank and Broadway Bank, Quincy; Peoples Bank, Campoint; Clayton Exchange Bank, Clayton; Loraine State Bank, Loraine; Farmers Bank, Liberty; Beverly State Bank, Beverly; Golden State Bank, Golden; Paloma Exchange Bank, Paloma; Kinderhook State Bank, Kinderhook; Peoples Bank, Camden.

11090 § • Bismarck*† Burleigh

DULLAM & YOUNG, Attorneys for the Dakota National Bank & Trust Co. General Practice in all Courts. Special attention to Insurance, Probate, Real Estate and Corporation Law.

RATES OF POSTAGE DOMESTIC

CLASS	ARTICLES	POSTAGE RATES	EXTRA SERVICE
1	PRIVATE MAILING CARDS (written or printed)-----	1 cent each. (Letters, sealed and unsealed, are 3 cents an ounce or fraction)-----	May be Registered.
1	Postal Cards-----	1 cent each-----	
2	Newspapers and Magazines (transient)-----	1 cent each 2 oz. or fraction—No wt. limit-----	May be Registered.
3	Merchandise and Printed Matter-----	1 cent for each 2 ounces or fraction to 8 ounces inclusive-----	May be Registered or Insured or Sent C. O. D.
3	Except that-----		
3	Books, Catalogues (24 pages or more), Seeds, Scions, Bulbs, Roots and Plants are-----	1 cent for each 2 ounces or fraction to 8 ounces inclusive-----	May be Registered or Insured or Sent C. O. D.
4	Merchandise, Printed Matter, Books, Catalogues, Seeds, Etc., weighing more than 8 ounces to 70 pounds-----	Zone or pound rates and conditions apply-----	May be Insured, sent C. O. D. and "Special Handling" + same as first class.
5	Air Mail—First class only-----		Air Mail—8 cents for first ounce, 13c each additional ounce.

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

TABLE SHOWING RATES OF PARCEL POSTAGE EFFECTIVE OCT. 1, 1932

Weight	1st zone		2d zone rate	3d zone rate	4th zone rate	5th zone rate	6th zone rate	7th zone rate	8th zone rate
	Local rate	Zone rate							
1st pound-----	\$0.07	\$0.08	\$0.08	\$0.09	\$0.10	\$0.11	\$0.12	\$0.14	\$0.15
Each additional pound, lb.-----	0.01*	0.011	0.011	0.02	0.035	0.053	0.07	0.09	0.11

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

DOMESTIC MONEY ORDER BUSINESS

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

SPECIAL DELIVERY			MONEY ORDERS			REGISTRY		
FIRST CLASS	2 pounds or less-----	10c	Not exceeding \$	2.50-----	6c	Indemnity not exceeding \$	5.00-----	\$0.15
	Over 2, not over 10 pounds-----	20c	Not exceeding	5.00-----	8c	Indemnity not exceeding	25.00-----	.18
	Over 10 pounds-----	25c	Not exceeding	10.00-----	11c	Indemnity not exceeding	50.00-----	.20
			Not exceeding	20.00-----	13c	Indemnity not exceeding	75.00-----	.25
OTHER CLASSES	2 pounds or less-----	15c	Not exceeding	40.00-----	15c	Indemnity not exceeding	100.00-----	.30
	Over 2, not over 10 pounds-----	25c	Not exceeding	60.00-----	18c	Indemnity not exceeding	200.00-----	.40
	Over 10 pounds-----	35c	Not exceeding	80.00-----	20c	Indemnity not exceeding	300.00-----	.50
			Not exceeding	100.00-----	22c	Indemnity not exceeding	400.00-----	.60
"Special Delivery" must be so endorsed.						Indemnity not exceeding	500.00-----	.70
Special Delivery includes Special Handling.						Indemnity not exceeding	600.00-----	.80
						Indemnity not exceeding	700.00-----	.85
						Indemnity not exceeding	800.00-----	.90
						Indemnity not exceeding	900.00-----	.95
						Indemnity not exceeding	1000.00-----	1.00
						Fee for return receipt 3 cents extra.		
						C. O. D.		
FOURTH CLASS	2 pounds or less-----	10c	Indemnity not exceeding \$	5.00-----	5c	Not exceeding \$	5.00-----	12c
	Over 2, not over 10 pounds-----	15c	Indemnity not exceeding	25.00-----	10c	Not exceeding	25.00-----	17c
	Over 10 pounds-----	20c	Indemnity not exceeding	50.00-----	15c	Not exceeding	50.00-----	22c
			Indemnity not exceeding	100.00-----	25c	Not exceeding	100.00-----	32c
			Indemnity not exceeding	150.00-----	30c	Not exceeding	150.00-----	40c
			Indemnity not exceeding	200.00-----	35c	Not exceeding	200.00-----	45c
"Special Handling" must be so endorsed.			Fee for return receipt 3 cents extra.					

FOREIGN POSTAL TABLE

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

Argentina	Colombia	Ecuador	Mexico	Peru	Spain and Colonies
Bolivia	Costa Rica	Guatemala	Nicaragua	Republic of Panama	Uruguay
Brazil	Cuba	Haiti	Paraguay	Salvador	Venezuela
Chile	Dominican Republic	Honduras			

The rates on other than letters to all foreign countries are: Single postal cards 2 cents; double postal cards 4 cents to Argentina, Bolivia, Brazil, Canada (3c per ounce), Chile, Colombia, Costa Rica, Cuba, Dominican Republic, Ecuador, Guatemala, Haiti, Republic Honduras, Mexico, Newfoundland (3c per ounce), Nicaragua, Panama, Paraguay, Peru, El Salvador, Spain, Uruguay, Venezuela. Single postal cards, each, 2 cents double postal cards, each, 4 cents newspaper and other printed matter, for each two ounces or fraction thereof, 1½ cents. 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, 1½ cents. 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, 1½ cents. Merchandise sent on order or as a gift must be sent by Parcel Post (note below) or is subject to letter postage, which must be fully prepaid. Registration fee on letters or other articles, 15 cents. Foreign mail should be fully prepaid, as double the amount of deficient postage is collected before delivery in countries of destination. All other mailable matter must be prepaid at least partially. Limit of weight for printed matter, 4 lbs., 6 oz.

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

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

1st CLASS—FOREIGN AIR MAILS TO FOLLOWING COUNTRIES

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

FOREIGN PARCEL POST RATES

Fourteen cents per pound or fractions thereof. To inland countries there is an additional transit rate. Parcels may be registered to certain countries.

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

All parcel post shipments to Salvador, Peru, Guatemala, Cuba, and Chile 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, Netherlands, Austria, Portugal, Irish Free State, Hungary, Norway, Azores, Canada, Cape Verde, Ecuador, Indo-China and Italy may be insured.

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

Countries which have ratified the Pan-American parcel post convention of Mexico to which the postage rate of 18 cents for first pound and 12 cents for each additional pound applies to: Argentina, Chile, Dominican Republic, Ecuador, Guatemala, Honduras, Rep. of Mexico, Panama, Paraguay, Peru, Salvador, Spain, Bolivia, Colombia and Costa Rica.

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

INTERNATIONAL MONEY ORDERS

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

RATES FOR EXPRESS MONEY ORDERS

Not over \$2.50-----	8c	Over \$10.00 to \$20.00-----	12c	Over \$80.00 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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Office of the Association, 33 South Clark Street, Chicago

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1932

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(Continued on next page)

INVESTMENT BANKERS ASSOCIATION OF AMERICA—Continued

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GEORGE G. APPELGATE	Geo. G. Applegate	Pittsburgh
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Harry Lee Martin, Pacific Mortgage Guaranty Co., Los Angeles, Calif.

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Vice-President Whitney National Bank
New Orleans, La.

Chairman Permanent Organization Committee
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General Secretary-Treasurer
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Atlanta, Ga.

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Office of Secretary, Lansdowne, Pa.

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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?"

CITIES

- 1 New York, N. Y.
- 2 Chicago, Ill.
- 3 Philadelphia, Pa.
- 4 St. Louis, Mo.
- 5 Boston, Mass.
- 6 Cleveland, Ohio
- 7 Baltimore, Md.
- 8 Pittsburgh, Pa.
- 9 Detroit, Mich.
- 10 Buffalo, N. Y.
- 11 San Francisco, Cal.
- 12 Milwaukee, Wis.
- 13 Cincinnati, Ohio
- 14 New Orleans, La.
- 15 Washington, D. C.
- 16 Los Angeles, Cal.
- 17 Minneapolis, Minn.
- 18 Kansas City, Mo.
- 19 Seattle, Wash.
- 20 Indianapolis, Ind.
- 21 Louisville, Ky.
- 22 St. Paul, Minn.
- 23 Denver, Colo.
- 24 Portland, Ore.
- 25 Columbus, Ohio
- 26 Memphis, Tenn.
- 27 Omaha, Neb.
- 28 Spokane, Wash.
- 29 Albany, N. Y.
- 30 San Antonio, Tex.
- 31 Salt Lake City, Utah
- 32 Denver, Colo.
- 33 Des Moines, Ia.
- 34 Tacoma, Wash.
- 35 Houston, Tex.
- 36 St. Joseph, Mo.
- 37 Ft. Worth, Tex.
- 38 Savannah, Ga.
- 39 Oklahoma City, Okla.
- 40 Wichita, Kan.
- 41 Sioux City, Ia.
- 42 Pueblo, Colo.
- 43 Lincoln, Neb.
- 44 Topeka, Kan.
- 45 Dubuque, Ia.
- 46 Galveston, Tex.
- 47 Cedar Rapids, Ia.
- 48 Waco, Tex.
- 49 Muskogee, Okla.

STATES

- 50 New York
- 51 Connecticut
- 52 Maine
- 53 Massachusetts
- 54 New Hampshire
- 55 New Jersey
- 56 Ohio
- 57 Rhode Island
- 58 Vermont
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60 Pennsylvania
- 61 Alabama
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- 64 Georgia
- 65 Maryland
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- 68 Virginia
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- 71 Indiana
- 72 Iowa
- 73 Kentucky
- 74 Michigan
- 75 Minnesota
- 76 Nebraska
- 77 North Dakota
- 78 South Dakota
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- 84 Louisiana
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90 California
- 91 Arizona
- 92 Idaho
- 93 Montana
- 94 Nevada
- 95 New Mexico
- 96 Oregon
- 97 Utah
- 98 Washington
- 99 Wyoming

RAND McNALLY & CO.
NUMERICAL SYSTEM
BANK TRANSIT MAP

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NUMERICAL SYSTEM

NUMERICAL SYSTEM BANK TRANSIT MAP.

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

See Back of Washington, D. C. Map

COMPTROLLER'S CALLS

TO THE NATIONAL BANKS

FROM 1887, TO DATE

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	Dates and number of Calls made on respective dates	
													DATES	CALLS
1887			F 4 66		F 13 70			M 1 80		W 5 65		W 7 63	1	10
1888		T 14 69		M 30 76		S 30 61				Th 4 96		W 12 69	2	5
1889		T 26 76			M 13 76		F 12 60		M 30 80			W 11 72	3	4
1890		F 28 79			S 17 78		F 18 62			Th 2 76		F 19 78	4	17
1891		M 26 69			M 4 67		Th 9 66		F 25 78			W 2 68	5	11
1892			T 1 90		T 17 77		T 12 56		F 30 80			F 9 70	6	7
1893			M 6 87		Th 4 59		W 12 69			T 3 83		T 19 77	7	8
1894		W 28 71			F 4 65		W 18 75			T 2 76		W 19 78	8	1
1895			T 5 76		T 7 63		Th 11 65		S 28 79			F 13 76	9	9
1896		F 28 77			Th 7 69		T 14 68			T 6 84		Th 17 72	10	8
1897			T 9 82		F 14 66		F 23 70			T 5 74		W 15 71	11	4
1898		F 18 65			Th 5 76		Th 14 70		T 20 68			Th 1 72	12	10
1899		S 4 65		W 5 60		F 30 86			Th 7 69			S 2 86	13	6
1900		T 13 73		Th 26 72		F 29 64			W 5 68			Th 13 99	14	9
1901		T 5 54		W 24 78			M 15 82		M 30 77			T 10 71	15	6
1902		T 25 77		W 30 74			W 16 77		M 15 61		T 25 71		16	2
1903		F 6 73		Th 9 62		T 9 61			W 9 92		T 17 69		17	6
1904	F 22 66		M 28 66			Th 9 73			T 6 89		Th 10 65		18	5
1905	W 11 62		T 14 62		M 29 76			F 25 88			Th 9 76		19	3
1906	M 29 81			F 6 67		M 18 73			T 4 78		M 12 69		20	5
1907	S 26 75		F 22 55		M 20 59			Th 22 94			T 3 103		21	2
1908		F 14 73			Th 14 90		W 15 62		W 23 70		F 27 65		22	3
1909		F 5 70		W 28 82		W 23 56			W 1 70		T 16 76		23	5
1910	M 31 76		T 29 57		Th 30 93				Th 1 62		Th 10 70		24	2
1911	S 7 58		T 7 59		W 7 92				F 1 86		T 5 95		25	5
1912		T 20 77		Th 18 58		F 14 57			W 4 82		T 26 83		26	5
1913		T 4 70		F 4 59		W 4 61		S 9 66		T 21 73			27	4
1914*	T 13 84		W 4 50		T 30 118				S 12 74		S 31 49	Th 31 61	28	10
1915*			Th 4 63		S 1 58	W 23 53			Th 2 71		W 10 69	F 31 51	29	9
1916*			T 7 67		M 1 55	F 30 60			T 12 74		F 17 66	W 27 40	30	23
1917*			M 5 68		T 1 57	W 20 50			T 11 83		T 20 70	M 31 41	31	19
1918*			M 4 63		F 10 67	S 29 50		S 31 63			F 1 62	T 31 60		
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	S 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		
1928		T 28 59				S 30 123				W 3 95		M 31 89		
1929			W 27 86			S 29 94				F 4 97		T 31 88		
1930			T 27 86			M 30 95			W 24 86			W 31 98		
1931			W 25 84			T 30 97			T 29 91			Th 31 93		
1932						Th 30 182								

*Six calls made.

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

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

35 on Monday
 52 " Tuesday
 42 " Wednesday
 32 " Thursday
 43 " Friday
 19 " Saturday
Total, 223

STATE BANK OFFICIALS AND EXAMINERS, 1932

STATE	NAME	ADDRESS	STATE	NAME	ADDRESS
Ala.	H. H. Montgomery, Supt. of Banks.	Montgomery.	Ga.	R. E. Gormley, Supt. of Banks.	Atlanta.
"	D. F. Green, Deputy Supt. of Banks.	Montgomery.	"	E. B. Douglas, Asst. Supt. of Banks.	Atlanta.
"	W. E. Henley, Member of Banking Board.	Birmingham.	"	Richard Forrester, Bank Examiner.	Montezuma.
"	J. E. Barnett, member of Banking Board.	Monroeville.	"	C. L. Gruver, Bank Examiner.	Statesboro.
"	Robert J. Beeland, Jr., member of Banking Board.	Greenville.	"	W. E. Bostwick, Jr., Bank Examiner.	Atlanta.
"	F. J. Callen, member of Banking Board.	Clanton.	"	W. D. Lloyd, Bank Examiner.	Tallapoosa.
"	T. F. Adams, Bank Examiner.	Birmingham.	"	A. L. Johnson, Secretary.	Decatur.
"	A. J. Smith, Bank Examiner.	Montgomery.	"	E. R. Ellis, Secretary.	Atlanta.
"	B. S. Gay, Bank Examiner.	Montgomery.			
"	J. H. Williams, Bank Examiner.	Decatur.	Idaho	Ben. Diefendorf, Commissioner of Finance.	State Capitol Bldg., Boise.
"	G. H. Foote, Bank Examiner.	Birmingham.	"	J. J. Mockler, Bank Examiner.	Boise.
"	Addie Lee Parish, Office assistant.	Montgomery.	"	E. R. Jones, Bank Examiner.	Boise.
Ariz.	S. W. Ellery, Supt. of Banks.	Phoenix.	"	A. B. Wheeler, Examiner.	Boise.
"	Leo N. Roach, Chief Bank Examiner.	Phoenix.	"	L. C. Collins, Examiner.	Boise.
"	J. R. Welch, Deputy Bank Examiner.	Phoenix.	"	Geo. W. Wedgwood, Director Blue Sky.	Boise.
"	L. V. Bailey, Bank Examiner.	Phoenix.	"	W. T. Lambdin, Chief Clerk.	Boise.
"	A. T. Hammons, Inspector.	Phoenix.			
"	Minnie Seaman, Acct.-Stenographer.	Phoenix.			
Ark.	Walter E. Taylor, Bank Commissioner.	Little Rock.	Illinois	Oscar Nelson, Auditor, Main Office, Capitol Bldg.	Springfield.
"	R. G. Dickinson, Asst. Bk. Commissioner.	Little Rock.	"	Chicago Office: 2600 Foreman State National Bank Building, 33 N. La Salle St.	
"	Oliver Phillips, Asst. Commissioner in charge of Building & Loan Associations.	Little Rock.	"	Geneva Office: 119 Unity Bldg.	
"	Theo. P. Carson, Asst. Chief Bank Ex.	Little Rock.	"	E. E. Nicholson, Chief Bank Examiner.	Springfield.
"	Albert Sims, Bank Examiner.	Little Rock.	"	R. M. Wylder, Chief Bank Examiner.	Springfield.
"	G. H. Sexton, Bank Examiner.	Little Rock.	"	Northern Illinois Division.	Geneva.
"	H. A. Daugherty, Bank Examiner.	Little Rock.	"	F. A. Adams, Chief Bank Examiner, Central and Southern Division.	Springfield.
"	Fay C. Rayburn, Asst. Bank Examiner.	Little Rock.	"	F. E. Edgerton, Chief Examiner, Cook Co. Div.	Chicago.
"	John E. Taylor, Bank Examiner.	Little Rock.	"	Harrison Mathewson, Bank Examiner.	Chicago.
Calif.	Edward Rainey, Supt. of Banks.	800 Hunter Dulin Bldg., 111 Sutter St., San Francisco.	"	John W. Cruden, Bank Examiner.	Chicago.
"	E. D. Holly, Chief Deputy.	San Francisco.	"	A. M. Tarmann, Bank Examiner.	Chicago.
"	C. E. Lowell, Chief Examiner.	San Francisco.	"	C. W. Crabtree, Bank Examiner.	Chicago.
"	Matt I. Sullivan, Attorney.	San Francisco.	"	H. M. Durst, Bank Examiner.	Chicago.
"	G. M. Ackerman, Bank Examiner.	San Francisco.	"	P. R. Wilkinson, Bank Examiner.	Chicago.
"	H. W. Albert, Bank Examiner.	San Francisco.	"	J. A. Jaworski, Bank Examiner.	Chicago.
"	C. E. Deskin, Bank Examiner.	San Francisco.	"	Frank Chew, Bank Examiner.	Springfield.
"	Chas. J. Ledwith, Bank Examiner.	San Francisco.	"	J. E. Shearer, Bank Examiner.	Springfield.
"	G. A. Macpherson, Bank Examiner.	San Francisco.	"	R. J. Silver, Bank Examiner.	Springfield.
"	N. C. Matthews, Bank Examiner.	San Francisco.	"	A. Ray Drennan, Bank Examiner.	Springfield.
"	Paul F. Meckes, Bank Examiner.	San Francisco.	"	W. E. Turner, Trust Examiner.	Springfield.
"	J. Perry Reynolds, Bank Examiner.	San Francisco.	"	J. J. Jaeger, Bank Examiner.	Springfield.
"	H. S. Taylor, Bank Examiner.	San Francisco.	"	Henry Odenthal, Bank Examiner.	Springfield.
"	George M. Walker, Bank Examiner.	San Francisco.	"	L. P. McAneney, Bank Examiner.	Springfield.
"	W. T. Werschull, Bank Examiner.	San Francisco.			
"	John McPaul, Chief of Southern Division.	701 California State Bldg., Los Angeles	Ind.	Luther F. Symons, Bank Commissioner.	Room 241 State House, Indianapolis & Lewisville.
"	E. D. Backus, Bank Examiner.		"	Thos. D. Barr, Deputy Bank Commissioner.	Fairmount.
"	R. C. Barth, Bank Examiner.		"	S. P. Good, Bank Examiner.	Warren.
"	Maurice H. Davis, Bank Examiner.		"	J. W. Parrett, Bank Examiner.	Indianapolis.
"	S. M. Matthews, Bank Examiner.		"	Joe E. McCord, Bank Examiner.	Logansport.
"	E. E. Hauptert, Bank Examiner.		"	T. G. Inwood, Bank Examiner.	Thorntown.
"	Harriet O. French, Secretary	Sacramento Office.	"	J. E. Myer, Bank Examiner.	Hammond.
Colo.	Grant McPherson, State Bank Commissioner.	125 State Office Bldg., Denver.	"	S. G. Bovard, Bank Examiner.	Dupont.
"	Axel B. Olson, Chief Deputy Bank Com.	Denver.	"	H. R. Johnson, Bank Examiner.	Petersburg.
"	John Jepson, Deputy Bank Com.	Denver.	"	Wm. R. Dexheimer, Bank Examiner.	Fort Wayne.
"	Geo. T. Atchison, Deputy Bank Com.	Denver.	"	O. J. H. Butler, Bank Examiner.	Greensburg.
"	Walter J. Nelson, Deputy Bank Com.	Denver.			
Conn.	George J. Bassett, Commissioner.	New Haven.	Iowa	L. A. Andrew, Supt. of Banking.	State House, Des Moines.
"	R. Gordon Baldwin, Deputy Com.	Bristol.	"	W. O. Reed, Deputy Supt.	Des Moines.
"	Harold P. Splain, Assistant to the Com.	New Haven.	"	Bruce Townsend, Director of Receiverships.	Des Moines.
"	Wm. P. Landon, Mgr. Bond Dept.	Hartford.	"	Carl Trout, Chief Examiner.	Des Moines.
"	A. F. Austin, Bank Examiner.	Torrington.	"	F. W. Bloxham, Examiner.	Mason City.
"	George W. Austin, Bank Examiner.	Hartford.	"	R. W. Walsmith, Examiner.	Cedar Rapids.
"	Frank E. Irving, Bank Examiner.	Hartford.	"	R. R. Blair, Examiner.	Waterloo.
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"	Gerald O. Low, Bank Examiner.	Watertown.	"	E. R. Althaus, Examiner.	Des Moines.
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"	E. Gorton Rogers, Bank Examiner.	New London.	"	C. S. Johnson, Junior Examiner.	Des Moines.
"	Harold A. Williams, Bank Examiner.	Middletown.	Kansas	H. W. Koenekke, Bank Commissioner.	Topeka.
"	Douglas T. Boddie, Bank Examiner.	Redding.	"	T. J. Rhodes, Asst. Bank Com.	Topeka.
"	Frank J. Murphy, Bank Examiner.	New Haven.	"	C. F. Gilpin, 1st Special Assistant Bank Commissioner.	Topeka.
"	Lester C. Murphy, Bank Examiner.	West Hartford.	"	R. J. Arbuthnot, Deputy Bank Com.	Norton.
"	Harold W. Roberts, Bank Examiner.	New Britain.	"	L. C. Christenson, Deputy Bank Com.	Topeka.
"	Earl T. Jarvis, Bank Examiner.	Torrington.	"	H. B. Eagle, 3rd Special Bank Com.	Topeka.
"	Arthur B. Shippee, Bank Examiner.	East Killingly.	"	John R. Emery, Deputy Bank Com.	Wichita.
"	John F. Di Nonno, Bank Examiner.	New Britain.	"	R. Keesling, Deputy Bank Com.	Wichita.
"	Howard E. Frisbie, Bank Examiner.		"	T. Clarke Key, Deputy Bank Com.	Salina.
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"	John Clyde Hays, Deputy State Bk. Ex.....	Santa Fe.	"	Albert Wenzel, Bank Examiner.....	80 Centre St., N. Y.
"	R. W. Heffin, Special Asst. Blue-sky Dept.	Santa Fe.	"	E. R. McAuliffe, Bank Examiner.....	Jackson Heights, L.I.
N. Y.....	Joseph A. Broderick, Supt., State of New York.....	State Office Bldg., Albany.	"	Stuart C. Dew, Bank Examiner.....	Rochester.
"	G. W. Egbert, Deputy.....	80 Centre St., N. Y.	"	James A. Murray, Bank Examiner.....	Albany.
"	August Ihlefeld, Jr., Deputy.....	80 Centre St., N. Y.	"	Wm. L. J. Conway, Bank Examiner.....	80 Centre St., N. Y.
"	George A. Coleman, Deputy.....	Albany.	"	Wm. G. Alfonsin, Bank Examiner.....	80 Centre St., N. Y.
"	Chas. H. Schoch, Deputy.....	80 Centre St., N. Y.	"	John O. Beau, Bank Examiner.....	80 Centre St., N. Y.
"	James J. Heenehan, Deputy.....	80 Centre St., N. Y.	"	Raymond G. Butler, Bank Examiner.....	80 Centre St., N. Y.
"	H. S. Andrews, Bank Examiner.....	80 Centre St., N. Y.	"	Wm. H. Carroll, Bank Examiner.....	80 Centre St., N. Y.
"	R. W. Humphrey, Bank Examiner.....	80 Centre St., N. Y.	"	Sydney I. Chittenden, Bank Examiner.....	80 Centre St., N. Y.
"	J. S. Love, Bank Examiner.....	80 Centre St., N. Y.	"	Frank Flaherty, Bank Examiner.....	80 Centre St., N. Y.
"	Fletcher G. Crane, Bank Examiner.....	80 Centre St., N. Y.	"	Claude C. Foulk, Bank Examiner.....	80 Centre St., N. Y.
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"	Peter N. Shippee, Bank Examiner.....	Albany.	"	P. Raymond Krause, Bank Examiner.....	Albany.
"	Arthur B. Vogel, Bank Examiner.....	80 Centre St., N. Y.	"	Joseph W. Kusterko, Bank Examiner.....	80 Centre St., N. Y.
"	C. E. Nathaway, Bank Examiner.....	Rochester.	"	Matthew F. McAvoy, Bank Examiner.....	80 Centre St., N. Y.
"	Rho. L. Bush, Bank Examiner.....	80 Centre St., N. Y.	"	L. E. Millsbaugh, Bank Examiner.....	80 Centre St., N. Y.
"	Louis N. Roe, Bank Examiner.....	80 Centre St., N. Y.	"	Chas. M. Morat, Bank Examiner.....	80 Centre St., N. Y.
"	Ralph T. Simmons, Bank Examiner.....	80 Centre St., N. Y.	"	Edward J. Morehouse, Bank Examiner.....	80 Centre St., N. Y.
"	G. M. Aldrich, Bank Examiner.....	80 Centre St., N. Y.	"	George S. Notopole, Bank Examiner.....	80 Centre St., N. Y.
"	Lawrence H. Geser, Bank Examiner.....	80 Centre St., N. Y.	"	Edward P. Pedlowe, Bank Examiner.....	80 Centre St., N. Y.
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"	Herbert C. Rogers, Bank Examiner.....	80 Centre St., N. Y.	"	Arthur J. McQuade, Bank Examiner.....	80 Centre St., N. Y.
"	E. J. Bangert, Bank Examiner.....	Buffalo.	"	James F. Moran, Bank Examiner.....	80 Centre St., N. Y.
"	Fred T. Bolan, Bank Examiner.....	80 Centre St., N. Y.	"	Vincent C. Reuther, Bank Examiner.....	80 Centre St., N. Y.
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"	Mortimer S. Cole, Bank Examiner.....	80 Centre St., N. Y.	"	John L. Seigart, Bank Examiner.....	Buffalo.
"	Alfred L. Taylor, Bank Examiner.....	80 Centre St., N. Y.	"	Ralph W. Taylor, Bank Examiner.....	Albany.
"	Wm. D. Navin, Bank Examiner.....	Schenectady.	"	Henry C. Bartsch, Bank Examiner.....	80 Centre St., N. Y.
"	John M. Egan, Bank Examiner.....	Buffalo.	"	Albert F. Kendall, Bank Examiner.....	Rochester.
"	Ambrose J. Delaney, Bank Examiner.....	Rochester.	"	Albert De Lisser, Bank Examiner.....	80 Centre St., N. Y.
"	Frank C. Maher, Bank Examiner.....	Albany.	"	Joseph J. Kennedy, Bank Examiner.....	Rochester.
"	Arthur P. McQuade, Bank Examiner.....	80 Centre St., N. Y.	"	William J. Kennedy, Bank Examiner.....	Rochester.
			"	Frank S. Ross, Bank Examiner.....	80 Centre St., N. Y.
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			"	August Langhauser, Bank Examiner.....	80 Centre St., N. Y.
			"	Paul V. Martin, Bank Examiner.....	80 Centre St., N. Y.
			"	Frank J. Mitchell, Bank Examiner.....	80 Centre St., N. Y.
			"	Vincent J. Nolan, Bank Examiner.....	80 Centre St., N. Y.
			"	John C. Hasbrock, Bank Examiner.....	80 Centre St., N. Y.
			"	Arthur W. Mischanko, Bank Examiner.....	80 Centre St., N. Y.
			"	John C. O'Byrne, Bank Examiner.....	Binghamton.
			"	Allen L. Gillett, Bank Examiner.....	80 Centre St., N. Y.
			"	Albert P. Fallon, Bank Examiner.....	80 Centre St., N. Y.
			"	Thomas J. Coghlan, Bank Examiner.....	Buffalo.
			"	J. Harold Driscoll, Bank Examiner.....	Buffalo.
			"	Robert J. Hyland, Bank Examiner.....	80 Centre St., N. Y.
			"	Walter E. Nolan, Bank Examiner.....	80 Centre St., N. Y.
			"	Gwynne W. Spencer, Bank Examiner.....	Syracuse.
			"	Gerald O. Grady, Bank Examiner.....	80 Centre St., N. Y.
			"	John J. Tierney, Bank Examiner.....	80 Centre St., N. Y.
			"	J. J. O'Shaughnessy, Bank Examiner.....	80 Centre St., N. Y.
			"	Nathanial Orens, Bank Examiner.....	80 Centre St., N. Y.
			"	E. F. Prudden, Bank Examiner.....	80 Centre St., N. Y.
			"	George A. Morlock, Bank Examiner.....	80 Centre St., N. Y.
			"	Jesse J. Finn, Bank Examiner.....	Schenectady.
			"	Milton W. Asmuth, Bank Examiner.....	Rochester.
			"	Charles H. Trask, Asst. Bank Examiner.....	Albany.
			"	Gerard A. Buckley, Asst. Bank Examiner.....	80 Centre St., N. Y.
			"	Garret E. Fitzgerald, Asst Bank Examiner.....	80 Centre St., N. Y.
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			"	Robert C. Mabel, Asst. Bank Examiner.....	Albany.
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			"	Clinton D. Ganse, Asst. Bank Examiner.....	80 Centre St., N. Y.

STATE BANK OFFICIALS AND EXAMINERS—Continued

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N. C.	Gurney P. Hood, Commissioner of Banks.	Raleigh.	Pa.	George W. Overly, Bank Examiner.	Mount Pleasant.
"	C. I. Taylor, Liquidating Agent.	Raleigh.	(Cont.)	Paul J. Straitiff, Bank Examiner.	Marion Center.
"	W. L. Williams, Bank Examiner.	Raleigh.	"	Charles S. Dugan, Bank Examiner.	Philadelphia.
"	Leigh Wilson, Bank Examiner.	Raleigh.	"	Ward R. Lewis, Bank Examiner.	Upper Darby.
"	D. M. Darden, Bank Examiner.	Raleigh.	"	Ralph Fornum, Bank Examiner.	Philadelphia.
"	L. H. Harrison, Asst. Bank Examiner.	Raleigh.	"	Lucaan C. Kunkle, Bank Examiner.	Greensburg.
"	W. M. Wiggins, Asst. Bank Examiner.	Raleigh.	"	Chas. K. Booda, Bank Examiner.	Upper Darby.
"	J. B. Carson, Asst. Bank Examiner.	Raleigh.	"	A. Eise Bowman, Bank Examiner.	Lebanon.
"	J. E. Bobbitt, Clerk-Examiner.	Raleigh.	"	Christian H. Brandt, Bank Examiner.	Mechanicsburg.
"	Jno. F. Sullivan, Asst. Bank Examiner.	Raleigh.	"	Gerald M. Anderson, Bank Examiner.	Kingston.
"	S. C. Welch, Asst. Bank Examiner.	Raleigh.	"	Chas. V. Brown, Bank Examiner.	Drexel Hill.
"	Dorsey W. Lynch, Asst. Bank Examiner.	Raleigh.	"	Earl D. Buck, Bank Examiner.	Muncy.
N. D.	Gilbert Semington, State Examiner.	Bismarck.	"	R. B. Carmany, Bank Examiner.	Myerstown.
"	J. M. Shirek, Office Deputy.	Bismarck.	"	Wm. V. Davies, Bank Examiner.	Harrisburg.
"	H. R. Winter, Deputy Examiner.	Bismarck.	"	Fred K. Denison, Bank Examiner.	Bywood.
"	R. S. See, Deputy Examiner.	Minot.	"	Thomas Dixon, Bank Examiner.	Philadelphia.
"	J. W. Goodman, Deputy Examiner.	Bismarck.	"	William Jefferis, Bank Examiner.	Philadelphia.
"	P. L. Larsen, Deputy Examiner.	Valley City.	"	Robert P. Ferguson, Chief Bank Examiner.	Philadelphia.
"	J. K. Nesvik, Deputy Examiner.	Grand Forks.	"	Wayne V. Frye, Bank Examiner.	Monessen.
"	Andrew Sathe, Deputy Examiner (City and Co.).	Valley City.	"	J. Allen Gebhard, Bank Examiner.	Lebanon.
"	J. R. Snyder, Deputy Exam. (City and Co.).	Bismarck.	"	Frank Glatfelter, Bank Examiner.	Philadelphia.
"	J. A. Brown, Deputy Exam. (City and Co.).	Rolla.	"	Raymond H. Gorsuch, Bank Examiner.	Greensburg.
Ohio.	I. J. Fulton, Superintendent of Banks.	Columbus.	"	Frederick C. Hallowell, Bank Examiner.	Wayne.
"	A. C. Krug, Deputy Superintendent.	Columbus.	"	U. Shuman Hart, Bank Examiner.	Carlisle.
"	D. A. Filler, Chief Examiner.	Columbus.	"	John R. Hostetter, Bank Examiner.	St. Thomas.
"	C. W. Miller, Special Deputy Supt. of Banks.	Newark.	"	R. K. Houck, Bank Examiner.	Indiana.
"	D. J. Schurr, Special Deputy Supt. of Banks.	Columbus.	"	Harold T. Houston, Bank Examiner.	Beaver Falls.
"	J. C. Van Pelt, Special Deputy Supt. of Banks.	Columbus.	"	T. Earl Hutchinson, Bank Examiner.	Upper Darby.
"	F. R. Ambrose, Examiner.	Columbus.	"	Elmer D. Jones, Bank Examiner.	Karlsruhe.
"	E. R. Schurr, Examiner.	London.	"	Elwood H. Keithan, Chief Bank Examiner.	Wilkes-Barre.
"	Chas. G. Saffin, Jr., Attorney Examiner.	Columbus.	"	Ralph W. Knowles, Bank Examiner.	Philadelphia.
"	George T. Blake (foreign Ex. & Tr. Officer).	Columbus.	"	C. F. T. Lancaster, Bank Examiner.	Bellevue.
"	Bert M. Foley, Asst. Supt. of Banks (Liquidation of Bonds).	Cleveland.	"	R. F. Landis, Bank Examiner.	Halfax.
"	F. H. Downing, Liquidating Agent.	Lima.	"	R. S. Landis, Bank Examiner.	Lancaster.
"	H. F. Ashley, Bank Examiner.	Oberlin.	"	M. J. Lavin, Bank Examiner.	Wilkes-Barre.
"	Charles G. Bell, Bank Examiner.	Norwalk.	"	A. V. Lees, Bank Examiner.	Swarthmore.
"	Irene Berger, Bank Examiner.	Mt. Vernon.	"	W. Dittrich Levy, Bank Examiner.	Philadelphia.
"	John A. Head, Bank Examiner.	Greenfield.	"	Wilson D. Lewis, Bank Examiner.	Harrisburg.
"	G. W. Burr, Bank Examiner.	Lakewood.	"	Ralph Lischy, Bank Examiner.	Coslyn.
"	C. L. Ault, Bank Examiner.	644 Oxford Ave., Dayton.	"	Wm. J. McCue, Bank Examiner.	Philadelphia.
"	Wm. S. Fronizer, Bank Examiner.	Sandusky.	"	Howard A. McGullough, Bank Examiner.	Philadelphia.
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"	A. E. Johnson, Bank Examiner.	Prospect.	"	Leonard Markofski, Bank Examiner.	Nanticoke.
"	Isaac Jones, Bank Examiner.	Cincinnati.	"	Ondree H. Marsh, Bank Examiner.	Tunkhannock.
"	Eugene E. King, Bank Examiner.	Deshler.	"	Chas. B. Matsinger, Bank Examiner.	Clarks Summit.
"	Wm. M. Konzen, Bank Examiner.	Napoleon.	"	Raymond A. Mayer, Bank Examiner.	Valley View.
"	John F. Kramer, Jr., Bank Examiner.	Mansfield.	"	John L. Meighen, Bank Examiner.	Wilkinsburg.
"	Leroy Kuhlman, Bank Examiner.	New Knoxville.	"	James M. Miller, Bank Examiner.	Pittsburgh.
"	C. Ladrach, Bank Examiner.	Dover.	"	J. Stanley Miller, Bank Examiner.	Harrisburg.
"	C. B. Lawrence, Bank Examiner.	Columbus.	"	James W. MacBurney, Bank Examiner.	Philadelphia.
"	H. L. Lockwood, Bank Examiner.	Frankfort.	"	Wm. F. Mitchell, Bank Examiner.	Philadelphia.
"	Gustave H. Lonsway, Bank Examiner.	Tiffin.	"	Howard A. Neidig, Bank Examiner.	Lemoyne.
"	Wm. Taafel, Bank Examiner.	136 Jefferson Rd., Newark.	"	John L. O'Harrow, Bank Examiner.	Philadelphia.
"	Thomas McEldowny, Bank Examiner.	Upper Sandusky.	"	E. Paul Oliphant, Bank Examiner.	Mt. Carmel.
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"	Chas. C. Roberts, Jr., Bank Examiner.	Hamden.	"	Ralph S. Ruth, Bank Examiner.	Scranton.
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"	John C. Van Pelt, Bank Examiner.	Columbus.	"	Wm. C. Selsor, Bank Examiner.	Philadelphia.
"	Frank Wagner, Bank Examiner.	E. Cleveland.	"	R. H. Shick, Bank Examiner.	Duquesne.
"	Paul Warner, Bank Examiner.	Utica.	"	Geo. T. Sloan, Bank Examiner.	Carnegie.
"	Clarence B. Welsby, Bank Examiner.	Akron.	"	Charles W. Snyder, Bank Examiner.	Sunbury.
"	Joseph E. Welsh, Bank Examiner.	London.	"	Scott A. Soles, Bank Examiner.	McKeesport.
"	R. H. Willett, Bank Examiner.	Greenwich.	"	Wm. M. Steckley, Bank Examiner.	Harrisburg.
"	B. L. Williams, Bank Examiner.	New Vienna.	"	Chas. A. Steele, Bank Examiner.	Franklin.
"	L. C. Bucher, Bank Examiner.	Dayton.	"	Raymond B. Stoner, Bank Examiner.	Harrisburg.
"	R. E. Grubaugh, Bank Examiner.	Marion.	"	Chas. G. Strang, Bank Examiner.	Punxsutawney.
"	E. Wilson Miller, Bank Examiner.	Greenfield.	"	Frank S. Strite, Bank Examiner.	Greencastle.
"	J. V. Cameron, Trust Examiner.	Columbus.	"	Donald H. Strong, Bank Examiner.	Philadelphia.
"	R. T. Sewell, Trust Examiner.	Columbus.	"	George M. Stroud, Jr., Bank Examiner.	Chester.
"	W. D. Carle, Trust Examiner.	Cleveland.	"	George S. Summers, Chief Bank Exam.	Harrisburg.
"	O. C. Shanower, Trust Examiner.	Bowling Green.	"	J. D. Swigart, Chief Bank Examiner.	Pittsburgh.
Okla.	W. J. Barnett, Bank Commissioner.	Capitol Bldg., Oklahoma City.	"	J. W. Taylor, Bank Examiner.	Clairton.
"	E. H. Kelley, Asst. Bank Com.	Capitol Bldg., Oklahoma City.	"	Wm. R. Turner, Bank Examiner.	Chester.
"	J. D. Pennington, Chief Examiner.	Capitol Bldg., Oklahoma City.	"	Cyril G. Vogel, Bank Examiner.	Pittsburgh.
"	W. C. Ernest, Bank Examiner.	Capitol Bldg., Oklahoma City.	"	Ed. W. Wentworth, Bank Examiner.	Dormont.
"	A. F. Manning, Bank Examiner.	Capitol Bldg., Oklahoma City.	"	J. B. Whelan, Jr., Bank Examiner.	Philadelphia.
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"	E. E. Wilson, Bank Examiner.	Oklahoma City.	"	Fred Wigfield, Jr., Bank Examiner.	Steelton.
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"	W. E. Clark, Bank Examiner.	Durand.	"	Chas. H. Zimmerman, Bank Examiner.	Huntingdon.
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"	M. W. Starbuck, Examiner.	Portland.	"	D. Boulton Musser, Bank Examiner.	Camp Hill.
"	E. T. Way, Examiner.	Portland.	"	James E. Brucklacher, Bank Examiner.	Williamsport.
"	O. J. Smith, Secretary.	Salem.	"	Benjamin C. Bowman, Bank Examiner.	Penbrook.
"	Sydney Kromer, Statistician.	Salem.	R. I.	Latimer W. Ballou, Bank Commissioner.	Room 110 State House, Providence.
Pa.	William D. Gordon, Secretary of Banking.	State Capitol Bldg., Harrisburg.	"	E. J. Littlefield, Deputy Commissioner.	Providence.
"	Robert W. Doty, First Deputy Secretary.	Harrisburg.	"	W. L. Offer, Bank Examiner.	Providence.
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"	Horace C. Whiteman, Deputy Secretary.	Harrisburg.	"	R. L. Sayles, Bank Examiner.	Cranston.
"	Henry R. Knowles, Deputy Secretary.	Harrisburg.	"	Andrew Winsor, Bank Examiner.	Providence.
"	Building and Loan Division.	Philadelphia.	"	Wm. B. Fraser, Bank Examiner.	Warwick.
"	H. B. Diffenderfer, Statistician.	Harrisburg.	"	Walter S. Grant, Jr., Bank Examiner.	Providence.
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"	Laurence C. Glass, Chief Clerk.	Harrisburg.	"	Madeline M. Lamb, Clerk.	Providence.
"	O. B. Lippman, Chief, Bureau of Private Banks.	Harrisburg.	S. C.	Albert S. Fant, State Bank Examiner.	Columbia.
"	Albert J. Allison, Jr., Bank Examiner.	Washington.	"	D. J. Winn, Associate Bank Examiner.	Darlington.
"	R. Harold Auen, Bank Examiner.	Pittsburgh.	"	W. R. Scarborough, Asst. Bank Examiner.	Columbia.
"	J. W. Barrett, Bank Examiner.	Bethlehem.	"	W. N. Query, Asst. Bank Examiner.	Columbia.
			"	C. L. Walker, Asst. Bank Examiner.	Greenville.
			"	Leroy Wilson, Asst. Bank Examiner.	Columbia.
			"	H. C. Smith, State Bank Examiner.	Ridge Spring.
			"	H. M. Chapman, State Bank Examiner.	Liberty.
			"	F. B. David, State Bank Examiner.	Dillon.
			"	J. M. Smith, Auditor State Institutions.	Columbia.
			"	F. B. Ruff, Asst. Auditor State Institutions.	Columbia.
			"	Roof Shealy, Asst. Auditor State Institutions.	Columbia.
			S. D.	E. A. Ruden, Supt. of Banks.	Pierre.
			"	A. E. Fossum, Deputy Supt. of Banks.	Pierre.
			"	A. L. Wikholm, Asst. to Supt. of Banks.	Pierre.
			"	F. J. Benthin, Special Counsel.	Pierre.
			"	U. G. Stevenson, Bank Examiner.	Sioux Falls.
			"	E. J. Morris, Bank Examiner.	Aberdeen.
			"	Chris Hinz, Bank Examiner.	Mitchell.
			"	S. E. Anderson, Bank Examiner.	Sioux Falls.

STATE BANK OFFICIALS AND EXAMINERS—Continued

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(Cont.)	A. E. Dahl, Bank Examiner	Castlewood.	(Cont.)	Geo. H. Jackson, Bank Examiner	Seattle.
	George H. Burt, Bank Examiner	Watertown.		A. J. Cotton, Bank Examiner	Seattle.
Tenn.	D. D. Robertson, Supt. of Banks	512-14 Bennie Dillon Bldg., Nashville.		L. J. Esslinger, Bank Examiner	Seattle.
"	Hallum W. Goodloe, Deputy & Chief Clerk	Nashville.		A. R. Egan, Bank Examiner	Chehalis.
"	J. F. Hunt, Bank Examiner	Memphis.		F. W. Moe, Bank Examiner	Yakima.
"	H. G. Bratton, Bank Examiner	Nashville.		Neil Gregerson, Bank Examiner	Hoquiam.
"	M. D. Davis, Bank Examiner	Lawrenceburg.		G. M. Lewis, Asst. Bank Examiner	Olympia.
"	H. B. Clarke, Bank Examiner	Troy.			
"	W. A. Dance, Bank Examiner	Knoxville.	W. Va.	L. R. Charter, Com. of Banking	West Union.
"	H. R. Jordan, Bank Examiner	Nashville.		Helen S. Barringer, Deputy Commissioner	Charleston.
Texas	James Shaw, Banking Commissioner	State Capitol, Austin		Alta Wagner, Secretary	Charleston.
"	J. E. Roberts, Deputy Banking Com.	State Capitol, Austin		Nina B. Wills, Typist	Charleston.
"	B. H. Wooten, Departmental Examiner	Austin		H. P. Brightwell, Bank Examiner	Charleston.
"	F. C. Branson, Bank Examiner	State Capitol, Austin		O. S. Summers, Bank Examiner	Charleston.
"	J. J. Davis, Bank Examiner	State Capitol, Austin		M. Workman, Bank Examiner	Keyser.
"	W. W. Dees, Bank Examiner	State Capitol, Austin		C. F. Smith, Bank Examiner	West Union.
"	J. M. Falkner, Bank Examiner	State Capitol, Austin		F. O. Lamb, Bank Examiner	Bluefield.
"	W. N. Greer, Bank Examiner	State Capitol, Austin		John J. Nash, Bank Examiner	Huntington.
"	H. W. Barton, Bank Examiner	State Capitol, Austin		D. Gay Freshman, Asst. Bank Examiner	Walton.
"	C. S. Holderness, Bank Examiner	State Capitol, Austin		K. S. Coleman, Bank Exam., Bldg. & Loan	Charleston.
"	M. E. Hulsey, Bank Examiner	State Capitol, Austin		C. E. Lawhead, Receiver	Clarksburg.
"	E. W. Jamison, Bank Examiner	State Capitol, Austin		E. L. Morrison, Receiver	Charleston.
"	J. T. McMillin, Bank Examiner	State Capitol, Austin	Wis.	Thomas Herreid, Acting Commissioner	Madison.
"	G. A. Swaim, Bank Examiner	State Capitol, Austin		Frank W. Kuehl, Stabilization Director	Madison.
"	Walter B. Rider, Bank Examiner	State Capitol, Austin		C. P. Diggles, Supervisor Bldg. & Loan	Madison.
"	G. H. Heath, Bank Examiner	State Capitol, Austin		C. L. Pitman, Acting Chief Examiner	Madison.
"	Phil. Nolan, Asst. Bank Examiner	State Capitol, Austin		H. F. Ibach, Acting Director of Liquidation	Madison.
"	A. G. Adams, Jr., Asst. Bank Examiner	State Capitol, Austin		Chas. T. Shape, Bank Examiner	Madison.
"	John Kvinta, Asst. Bank Examiner	State Capitol, Austin		W. C. Edwards, Bank Examiner	Madison.
"	A. O. Nicholson, Asst. Bank Examiner	State Capitol, Austin		E. H. Rothe, Bank Examiner	Madison.
Utah	W. H. Hadlock, Bank Commissioner, Room 217, State Capitol Bldg.	Salt Lake City.		G. W. Jamieson, Bank Examiner	Madison.
"	Ernest C. Robbins, Chief Examiner	Salt Lake City.		I. E. Backus, Bank Examiner	Madison.
"	J. M. Knapp, Bank Examiner	Salt Lake City.		W. C. Jamieson, Bank Examiner	Madison.
Vt.	R. C. Clark, Bank Commissioner, State St.	Montpelier.		S. N. Schafer, Bank Examiner	Madison.
"	Kathleen E. O'Leary, Chief Clerk	Barre.		G. A. Shape, Bank Examiner	Madison.
"	L. H. Lavalley, Bank Examiner	Rutland.		Harry W. Barney, Bank Examiner	Sparta.
"	R. D. Watkins, Bank Examiner	Barre.		E. L. Richardson, Bank Examiner	Fond du Lac.
"	R. L. Kelleher, Bank Examiner	Montpelier.		Thos. M. Purtell, Building and Loan Exam.	Madison.
Va.	M. E. Bristow, Com. of Ins. & Banking, 1010 State Office Bldg.	Richmond.		Stanley R. Caldwell, Building and Loan Examiner	Madison.
"	L. R. Ritchie, Bank Examiner	Richmond.		Arthur C. Moors, Building and Loan Ex.	Wauwatosa.
"	B. J. Woodward, Bank Examiner	Richmond.		Herbert E. Platz, Building and Loan Ex.	Milwaukee.
"	E. J. Smith, Bank Examiner	Saluda.		Karl V. Schoenecker, Building and Loan Examiner	Milwaukee.
"	R. T. Short, Bank Examiner	Lawrenceville.		E. G. Hampton, Building and Loan Exam.	Madison.
"	W. D. Blanks, Bank Examiner	Richmond.		K. F. Wanta, Building and Loan Exam.	Wauwatosa.
"	W. R. Gardner, Bank Examiner	Galax.		Harry Haslet, Junior Examiner	Fond du Lac.
"	C. P. Justis, Asst. Bank Examiner	Blackstone.		Clarence C. Steele, Junior Examiner	Sparta.
"	R. F. B. Steele, Asst. Bank Examiner	Appomattox.		F. C. Teske, Junior Examiner	Princeton.
"	G. Harwood Bates, Asst. Bank Examiner	Richmond.		R. D. Luther, Junior Examiner	Waupaca.
"	H. M. Thrush, Asst. Bank Examiner	Front Royal.		G. E. Vallier, Asst. Examiner	South Milwaukee.
"	D. T. Zentmeyer, Asst. Bank Examiner	Roanoke.		R. E. Kileen, Asst. Examiner	Wautoma.
Wash.	C. S. Moody, Supervisor of Banking	Olympia.		T. Geo. M. Meloy, Asst. Examiner	Madison.
"	S. Zeno Varnes, Deputy Supervisor of Bkg.	Olympia.		Nelson C. Ploetz, Asst. Examiner	Princeton.
"	J. M. Moulton, Asst. Supervisor	Spokane.		M. C. Benninger, Asst. Examiner	Waterloo.
"	Harold A. Brazel, Asst. Supervisor	Olympia.		Greg M. Buezzli, Asst. Examiner	Madison.
				Guerdon M. Matthews, Asst. Examiner	Milwaukee.
				John C. Brown, Asst. Examiner	Lake Geneva.
				Carl A. Jievrud, Asst. Examiner	Neillsville.
				Hugh Helmer, Asst. Examiner	Madison.
				Basil I. Peterson, Stabilization Clerk	Madison.
Wyo.	John A. Reed, State Examiner	State Capitol Bldg.			
"	O. Bertagnoli, Bank Examiner	Cheyenne.			
"	J. E. Foreman, Examiner	Cheyenne.			
"	Nellie Frizzell, Secretary	Cheyenne.			

LIST OF NATIONAL BANK EXAMINERS AND DISTRICTS

July 1, 1932

NAME AND FEDERAL RESERVE DISTRICT	ADDRESS
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CHIEF NATIONAL BANK EXAMINER

Folger, W. P.	Office, Comptroller of the Currency, Washington, D. C.
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ASSISTANT CHIEF NATIONAL BANK EXAMINERS

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

DISTRICT CHIEF NATIONAL BANK EXAMINERS
(By Federal Reserve Districts)

Williams, F. D. (1)	Federal Reserve Bank Bldg., Boston, Mass.
Roberts, L. K. (2)	525 Federal Res. Bk. Bldg., New York, N. Y.
Newman, Stephen L. (3)	1500 Walnut St., Room 1503, Philadelphia, Pa.
Taylor, William (4)	715 Federal Res. Bk. Bldg., Cleveland, Ohio.
Chorpening, I. I. (5)	Nat. Metropolitan Bk. Bldg., Washington, D. C.
Robb, Ellis D. (6)	717 First National Bank Bldg., Atlanta, Ga.
Leyburn, A. P. (7)	164 W. Jackson Blvd., Room 1209, Chicago, Ill.
Nell, Robt. (8)	1310 Federal Commerce Trust Bldg., St. Louis, Mo.

(Rec.) Acting as Receiver of a National Bank.
(R.F.C.) Reconstruction Finance Corporation.

(J.G.) National Bank Examiner, Junior Grade.

(U.) Unassigned.

July 1, 1932

NAME AND FEDERAL RESERVE DISTRICT	ADDRESS
NATIONAL BANK EXAMINERS—Continued	
Bleakley, B. J. (4)	806 Federal Reserve Bldg., Pittsburgh, Pa.
Boyle, L. J. (9)	P. O. Box 471, Fargo, N. D.
Boysen, Alfred (3)	Post Office Bldg., Wilkes-Barre, Pa.
Brogan, J. C., Jr. (2)	525 Federal Reserve Bank Bldg., New York, N. Y.
Brown, H. L. (7)	164 W. Jackson Blvd., Rm. 1209, Chicago, Ill.
Burt, Ross M. (10)	350 Colorado N. Bk. Bldg., Denver, Colo.
Byrne, James J. (6)	P. O. Box 741, Montgomery, Ala.
Carter, Aubrey B.	Room 348, Treasury Dept., Washington, D. C.
Clark, Lewis H. (5) (J.G.)	Stonewall Jackson Hotel, Clarksburg, W. Va.
Clarke, A. A. (4)	307 Leonard Bldg., Washington, Pa.
Clarke, F. S. (2)	Gen'l Delivery, Kingston, N. Y.
Coffin, George M. (Rec.)	Care of Citizens National Bank, Woonsocket, R. I.
Coffin, G. S. (12)	155 Montgomery St., Rm. 1103, San Francisco, Calif.
Coggins, J. D. (10)	Box 1091, Oklahoma City, Okla.
Cooke, A. J. (12)	638 H. W. Hellman Bldg., Los Angeles, Calif.
Crawford, H. M. (3) (J.G.)	1500 Walnut St., Room 1503, Philadelphia, Pa.
Cunningham, F. F. (6)	P. O. Box 1175, Lakeland, Fla.
Cutler, W. A. (7)	P. O. Box F. F., Wisconsin Rapids, Wis.
Davenport, H. B. (3)	1500 Walnut St., Rm. 1503, Philadelphia, Pa.
DeBaun, Claude (2)	P. O. Box 442, Utica, N. Y.
Dolan, Reed (6)	P. O. Box 442, Albany, Ga.
Donahue, O. A. (12)	638 H. W. Hellman Bldg., Los Angeles, Calif.
Donahue, W. H. (10)	800 Federal Res. Bk. Bldg., Kansas City, Mo.
Donovan, Leo D. (7)	Hotel Ft. Des Moines, Des Moines, Ia.
Dooley, Thomas E. (1)	64 Riggs Ave., West Hartford, Conn.
Douglas, A. M. (2)	P. O. Box 221, Albany, N. Y.
Dresler, H. B. (4)	P. O. Box 14, Mansfield, Ohio.
Dunlap, Thomas C. (3)	1500 Walnut St., Room 1503, Philadelphia, Pa.
Dye, Sam W. (7)	801 Central Nat'l Bank Bldg., Peoria, Ill.
Embry, Jacob (11)	1706 Republic Bank Bldg., Dallas, Texas.
Evans, Clyde J. (6)	P. O. Box 822, Nashville, Tenn.
Faris, A. B. (4)	P. O. Box 506, Richmond, Ky.
Finney, R. Gordon (3)	P. O. Box 491, Williamsport, Pa.
Foster, C. W. (11)	Federal Reserve Bank, Houston, Tex.
Francis, C. C. (2)	525 Fed. Res. Bk. Bldg., New York, N. Y.
Fraser, J. A. (10) (R.F.C.)	Washington, D. C.
Freeman, O. M. (1)	205 Governor St., Providence, R. I.
Fuller, Harry R. (7)	P. O. Box 592, Indianapolis, Ind.
Funsten, W. P. (12)	638 H. W. Hellman Bldg., Los Angeles, Calif.
Galvin, E. H. (12) (J.G.)	639 H. W. Hellman Bldg., Los Angeles, Calif.
Gentry, J. H. (9)	9 Midland Bk. Bldg., Billings, Mont.
Gilbert, H. B. (11)	P. O. Box 318, Wichita Falls, Texas.
Grazier, Chas. A. (12)	639 H. W. Hellman Bldg., Los Angeles, Calif.
Goodhart, R. W.	Care of Div. of Insolvent National Banks, Office of Comptroller of the Currency, Treas. Dept., Washington, D. C.
Gray, W. M. (Rec.)	Care of First National Bk., Blythe, Calif.
Green, A. W. (1)	Fed. Reserve Bk. Bldg., Boston, Mass.
Griffin, Gerald I. (J. G.)	22 West St., Rutland, Vt.
Guiles, F. A. (6)	717 First National Bank Bldg., Atlanta, Ga.
Harrison, H. G. (8)	601 West Oak St., Carbondale, Ill.
Hartman, Chas. H. (3)	5550 Willows Ave., Philadelphia, Pa.
Hauschild, L. P. (4)	P. O. Box 44 Greensburg, Pa.
Hawkins, J. W. (11)	P. O. Box 1471, Abilene, Texas.
Hedrick, G. C. (11)	1706 Republic Bk. Bldg., Dallas, Tex.
Hooker, Robert K. (8)	1310 Fed. Com. Trust Bldg., St. Louis, Mo.
Hooper, Marshall (12)	507 Farmers Mechanics Bldg., Sacramento, Calif.
Horton, B. E. (11)	1319 13th Ave., Corsicana, Texas.
Hotchkiss, Paul L. (2)	326 Ten Eyck St., Watertown, N. Y.
Huck, Wm. F. (9)	1334 First National Soo Line Bldg., Minneapolis, Minn.
Hurley, Michael J. (1)	Federal Reserve Bank Bldg., Boston, Mass.
Hutt, Wm. E. (11)	Sherman, Texas.
Ickler, L. H., Jr. (9) (J.G.)	15 Federal Bldg., Duluth, Minn.
Jorres, G. W. (12) (J.G.)	205 Post Office Bldg., Santa Ana, Calif.
Julius, W. E. (4)	P. O. Box 421, Wheeling, W. Va.
Kane, W. W. (8)	5381 Pershing Ave., St. Louis, Mo.
Kellogg, Preston P. (4)	715 Federal Reserve Bank Bldg., Cleveland, O.
Ketner, John H. (3)	423 Carsonia Ave., Pennside, Reading, Pa.
Krippel, F. W. (6) (R.F.C.)	Washington, D. C.
Lamb, Ernest (11)	619 Ft. Worth Club Bldg., Ft. Worth, Tex.
Lammond, W. M. (6)	P. O. Box 1364, New Orleans, La.
Lanum, Harry L. (Rec.)	Care of Citizens Nat'l Bk., Wilmington, Ohio.
Larsen, Walter (2)	525 Federal Res. Bk. Bldg., New York, N. Y.
Laufer, H. E. (7)	309 New Federal Bldg., Des Moines, Iowa.
Lewis, Wm. H., Jr. (6) (J.G.)	717 First National Bank Bldg., Atlanta, Ga.
Lilly, John F. (8)	1310 Fed. Com. Tr. Bldg., St. Louis, Mo.
Linden, C. C. (12)	403 Empire State Bldg., Spokane, Wash.
Logan, J. M. (Rec.)	Care of First National Bank, Charlotte, N. C.
Lorang, P. J. (2)	525 Fed. Res. Bk. Bldg., New York, N. Y.
Lulken, John B. (6)	823 Comer Bldg., Birmingham, Ala.
Luscombe, A. P. (2)	525 Fed. Res. Bk. Bldg., New York, N. Y.
Lyon, C. W. (10)	P. O. Box 404, Norfolk, Neb.
Lyons, Gibbs (U)	Div. of Insolvent National Banks, Office of Comptroller of the Currency, Treasury Dept., Washington, D. C.
McCall, W. P. (1)	Federal Reserve Bank Bldg., Boston, Mass.
McCans, A. B. (2)	525 Fed. Res. Bk. Bldg., New York, N. Y.
McClain, J. S. (6)	717 First National Bank Bldg., Atlanta, Ga.
McCoy, Thomas P. (12)	514 P. O. Bldg., Portland, Ore.
McGinnis, F. J. (3)	1500 Walnut St., Room 1503, Philadelphia, Pa.
McLaren, D. D. (9)	Room 15, Federal Bldg., Duluth, Minn.
McLean, O. H. (12)	522 Central Bldg., Seattle, Wash.
McLean, Roger A. (7) (J.G.)	164 W. Jackson Blvd., Rm. 1209, Chicago, Ill.
Male, W. N. (10)	P. O. Box 1082, Pueblo, Colo.
Medill, Geo. L. (3)	P. O. Box 61, Lancaster, Pa.
Miller, P. V. (10)	800 Federal Res. Bk. Bldg., Kansas City, Mo.
Mooney, Russel E. (8)	P. O. Box 1092, Louisville, Ky.
Morgan, C. E. (12)	522 Central Bldg., Seattle, Wash.
Morgan, W. M. (8)	1310 Fed. Com. Trust Bldg., St. Louis, Mo.
Motter, Charles W. (5)	P. O. Box 493, Richmond, Va.
Murphy, D. F. (1)	49 Spring St., Melrose Highland, Mass.

NAME AND FEDERAL RESERVE DISTRICT	ADDRESS
Neilson, Geo. W. (2)	525 Federal Reserve Bldg., New York, N. Y.
Nelson, F. S. (10)	202 Federal Bldg., Grand Island, Neb.
Nelson, Nels (9)	1334 First National Soo Line Bldg., Minneapolis, Minn.
Norman, Louis A. (4)	P. O. Box 473, Newcastle, Pa.
North, R. B. (10)	800 Federal Reserve Bldg., Kansas City, Mo.
O'Brien, L. J. (7)	P. O. Box 553, Sioux City, Iowa.
Ockershausen, F. C. (5)	Nat'l Metropolitan Bk. Bldg., Washington, D. C.
O'Conner, T. J. (2)	Hotel Syracuse, Syracuse, N. Y.
Olson, W. W. (9)	201 Security Nat'l Bk. Bldg., Sioux Falls, S. D.
Oyen, Finn (9) (J.G.)	1334 First National Soo Line Bldg., Minneapolis, Minn.
Palmer, R. E. A. (12)	P. O. Box 2563, Boise, Idaho.
Parker, Edw. F. (1)	Federal Reserve Bank Bldg., Boston, Mass.
Penn, D. V. (2)	525 Federal Res. Bk. Bldg., New York, N. Y.
Peterson, F. R. (2)	525 Federal Res. Bk. Bldg., New York, N. Y.
Pierce, W. W. (11)	P. O. Box 1223, Shreveport, La.
Pole, J. H. (4)	P. O. Box 157, Lima, Ohio.
Price, A. E. (12)	155 Montgomery St., Rm. 1103, San Francisco, Calif.
Prickett, Karl E. (2)	525 Federal Res. Bk. Bldg., New York, N. Y.
Quinn, Henry F. (7)	164 W. Jackson Blvd., Room 1209, Chicago, Ill.
Rafter, C. T. (10)	P. O. Box 551, Cheyenne, Wyo.
Ramsdell, P. C. (5)	National Metropolitan Bank Bldg., Washington, D. C.
Ransom, F. T. (3)	1500 Walnut St., Room 1503, Philadelphia, Pa.
Rasmussen, L. I. (12) (J.G.)	638 H. W. Hellman Bldg., Los Angeles, Calif.
Rees, Frank A. (10)	800 Federal Reserve Bank Bldg., Kansas City, Mo.
Regan, W. A. (7)	405 Federal Reserve Bank Bldg., Detroit, Mich.
Reitz, H. A. (2)	525 Federal Res. Bk. Bldg., New York, N. Y.
Reynolds, J. R. (2)	525 Federal Res. Bk. Bldg., New York, N. Y.
Rial, Ben. P. (2)	525 Federal Res. Bk. Bldg., New York, N. Y.
Roberts, Jr., L. K. (2)	525 Federal Res. Bk. Bldg., New York, N. Y.
Robinson, H. P. (2)	525 Federal Res. Bk. Bldg., New York, N. Y.
Roetzel, G. F. (10)	P. O. Box 1091, Oklahoma City, Okla.
Roots, J. O. (11)	P. O. Box 1062, Austin, Texas.
Rossman, Richard (R. F. C.)	Washington, D. C.
Rummel, John T. (12)	514 P. O. Bldg., Portland, Ore.
Sales, J. A. (2)	525 Federal Res. Bk. Bldg., New York, N. Y.
Sanders, J. L. (7)	P. O. Box 592, Indianapolis, Ind.
Sandlin, W. A. (11)	519 Bedell Bldg., San Antonio, Tex.
Schecter, W. J. (Rec.)	Care Washington Park National Bank, Chicago, Ill.
Schofield, John W. (U)	1559 Hayworth Ave., Hollywood, Calif.
Seabury, Robert M. (5)	Nat'l Metropolitan Bk. Bldg., Washington, D. C.
Sedlacek, L. H.	Care Div. of Insolvent National Banks, Office of Comptroller of the Currency, Treasury Dept., Washington, D. C.
Severson, Henry (8)	515 Boyle Bldg., Little Rock, Ark.
Shapiro, Leo (12)	155 Montgomery St., Rm. 1103, San Francisco, Calif.
Shull, Sherman C. (4)	715 Federal Reserve Bank Bldg., Cleveland, O.
Sibley, W. L. (11)	P. O. Box 1554, Waco, Texas.
Smith, E. T. (4)	Box 463, Columbus, Ohio.
Smith, Geo. F. (3)	P. O. Box 981, Harrisburg, Pa.
Smith, Geo. H. (Rec.)	Care of Union National Bk., Connellsville, Pa.
Snyder, Vernon G. (3)	P. O. Box 231, Sunbury, Pa.
Spendrup, Max V. (12)	638 H. W. Hellman Bldg., Los Angeles, Calif.
Starkey, Gordon E. (4)	715 Federal Reserve Bank Bldg., Cleveland, O.
Stevens, L. T. (9)	4929 Pleasant Ave., South, Minneapolis, Minn.
Stewart, Adelia M.	Rm. 217, Treas. Dept., Office of Comptroller of the Currency, Washington, D. C.
Stewart, Charles A. (5)	P. O. Box 97, East Falls Church, Va.
Stewart, H. E. (2)	525 Fed. Res. Bk. Bldg., New York, N. Y.
Stewart, F. R. (2)	525 Federal Res. Bk. Bldg., New York, N. Y.
Stokes, H. F. (5)	501 Charleston Nat'l Bk. Bldg., Charleston, W. Va.
Strenk, C. F. (2)	525 Federal Res. Bk. Bldg., New York, N. Y.
Strofer, Leon F. (4)	715 Federal Reserve Bank Bldg., Cleveland, O.
Stuart, Robt. K. (7)	906 Michigan Ave., Evanston, Ill.
Swensen, Loren T. (3)	P. O. Box 32, Altoona, Pa.
Taylor, O. C. (12)	155 Montgomery St., Room 1103, San Francisco, Calif.
Taylor, Wm. M. (5)	Nat'l Metropolitan Bk. Bldg., Washington, D. C.
Tolton, A. F. (12)	1107 A Mattei Bldg., Fresno, Calif.
Underwood, C. E. (4)	806 Federal Reserve Bank Bldg., Pittsburgh, Pa.
Utt, J. F. (7)	164 W. Jackson Blvd., Room 1209, Chicago, Ill.
Van Brunt, L. J. (9)	1716 St. Anthony Ave., St. Paul, Minn.
Voight, Howell B. (1)	Federal Res. Bk. Bldg., Boston, Mass.
Von Birgelein, F. M. (9)	1334 First National Soo Line Bldg., Minneapolis, Minn.
Waldron, W. J. (12)	1548 West Washington St., Santa Ana, Calif.
Walker, Harry W. (7)	P. O. Box 27, Grand Rapids, Mich.
Walker, Hugh M. (4)	P. O. Box 621, Cincinnati, Ohio.
Ward, M. M. (R.F.C.)	Washington, D. C.
Watts, John L. (2)	525 Fed. Res. Bk. Bldg., New York, N. Y.
Wentzel, Adam (2)	525 Federal Reserve Bank Bldg., New York, N. Y.
Wilde, Max C. (12)	514 P. O. Bldg., Portland, Ore.
Wilde, Otto F. (5)	Nat'l Metropolitan Bk. Bldg., Washington, D. C.
Williams, E. L. (10)	P. O. Box 296, Salina, Kan.
Wilson, E. B. (2)	P. O. Box 607, Albany, N. Y.
Wilson, G. R. (7)	801 Central N. Bk. Bldg., Peoria, Ill.
Witt, G. T. (11)	Rm. 504 Greenville Exchange National Bank Bldg., Greenville, Texas.
Wood, D. R. (5)	Pulaski National Bank Bldg., Pulaski, Va.
Woodside, Hal (8)	1248 Washington Ave., Springfield, Mo.
Wray, H. L. (9)	P. O. Box 471, Fargo, N. Dak.
Wright, E. M. (12)	Care Fed. Res. Bank, Salt Lake City, Utah
Young, Wm. R. (8)	407 First National Bk. Bldg., Memphis, Tenn.

(Rec.) Acting as Receiver of a National Bank.
(R.F.C.) Reconstruction Finance Corporation.

(J.G.) National Bank Examiner, Junior Grade.

(U) Unassigned.

VALUES OF FOREIGN MONEYS

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

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

Ogden L. Mills, *Secretary of the Treasury.*

Values of Foreign Monetary Units (At par as regards gold units; non-gold units have no fixed par with gold.)

COUNTRY.	LEGAL STANDARD.	MONETARY UNIT.	Value in Terms of U. S. Money.	REMARKS.
Argentine Republic	Gold	Peso	\$0.9648	Currency: Paper normally convertible at 44 % of face value.
Austria	Gold	Schilling	.1407	
Belgium	Gold	Belga	.1390	1 belga equals 5 Belgian paper francs.
Bolivia	Gold	Boliviano	.3650	13 1/2 bolivianos equal 1 pound sterling.
Brazil	Gold	Milreis	.5462	Currency: Government paper, convertible at 4.567 paper milreis to the gold milreis (\$0.1196), by decree of May 23, 1928.
British Colonies in Australasia and Africa.	Gold	Pound sterling	4.8665	
British Honduras	Gold	Dollar	1.0000	
Bulgaria	Gold	Lev	.0072	
Canada	Gold	Dollar	1.0000	
Chile	Gold	Peso	.1217	
China	Silver	Haikwan	.3401	A unit of account, used only for customs purposes.
		Amoy	.3342	
		Canton	.3324	
		Chefoo	.3197	
		Chin Kiang	.3265	
		Foochow	.3092	
		Hankow	.3127	
		Kiaochow	.3239	
		Nanking	.3507	
		Newchwang	.3134	
		Ningpo	.3214	
		Peiping	.3258	
		Shanghai	.3053	
		Swatow	.3087	
		Takow	.3364	
		Tientsin	.3239	
	(Stated values are estimated market values, in gold, of silver content of units.)	Juan	.2166	The Yuan (sometimes known as Yuan dollar) of 100 cents is the monetary unit minted by the Central Government of the republic. Old Mexican dollars only, issued prior to 1918.
		Hongkong	.2198	
		British Mexican	.2214	
Columbia	Gold	Peso	.9733	Currency: Government paper and silver.
Costa Rica	Gold	Colon	.4653	Law establishing conversion office fixes ratio 4 colons (nongold) = \$1.
Cuba	Gold	Peso	1.0000	
Czechoslovakia	Gold	Krone	.0296	
Denmark	Gold	Krone	.2680	
Dominican Republic	Gold	Dollar	1.0000	U. S. money is principal circulating medium.
Ecuador	Gold	Sucres	.2000	
Egypt	Gold	Pound (100 piasters)	4.9431	
Estonia	Gold	Kroon	.2680	
Finland	Gold	Markka	.0252	
France	Gold	Franc	.0392	
Germany	Gold	Reichsmark	.2382	
Great Britain	Gold	Pound sterling	4.8665	Obligation to sell gold at legal monetary par suspended, effective Sept. 21, 1931.
Greece	Gold	Drachma	.0130	
Guatemala	Gold	Quetzal	1.0000	
Haiti	Gold	Gourde	.2000	Currency: National bank notes redeemable on demand in American dollars.
Honduras	Gold	Lempira	.5000	
Hungary	Gold	Pengo	.1749	
India [British]	Gold	Rupee	.3650	
Indo-China	Gold	Piaster	.3918	
Italy	Gold	Lira	.0526	
Japan	Gold	Yen	.4985	
Latvia	Gold	Lat	.1930	
Liberia	Gold	Dollar	1.0000	Currency: Depreciated silver token coins.
Lithuania	Gold	Litas	.1000	Currency: Notes of the bank of Lithuania.
Mexico	Gold	Peso	.4985	By law of July 25, 1931, gold has no legal tender status but it may be held as monetary reserve for use in foreign exchange operations.
Netherlands and colonies	Gold	Guilder (florin)	.4020	
Newfoundland	Gold	Dollar	1.0000	
Nicaragua	Gold	Cordoba	1.0000	
Norway	Gold	Krone	.2680	
Panama	Gold	Balboa	1.0000	
Paraguay	Gold	Peso (Argentine)	.9648	Currency: Depreciated Paraguayan paper currency.
Persia	Gold	Rial	.0487	Rial currency effective March 21, 1932, with 1 rial equivalent to 1 kran of old system.
Peru	Gold	Sol	.2800	Established by decree of April 18, 1931.
Philippine Islands	Gold	Peso	.5000	
Poland	Gold	Zloty	.1122	
Portugal	Gold	Escudo	.0442	By decree of June 6, 1931, effective July 1, 1931.
Rumania	Gold	Leu	.0060	
Russia	Gold	Ruble	.5146	Pre-war unit. (One Soviet chervonetz = 10 gold rubles.)
Salvador	Gold	Colon	.5000	
Siam	Gold	Baht (Tical)	.4424	
Spain	Gold	Peseta	.1930	Valuation is for gold peseta; currency is notes of the Bank of Spain.
Straits Settlements	Gold	Dollar	.5678	
Sweden	Gold	Krona	.2680	
Switzerland	Gold	Franc	.1930	
Turkey	Gold	Piaster	.0440	(100 piasters equal to the Turkish £.)
Uruguay	Gold	Peso	1.0342	Currency: Inconvertible paper.
Venezuela	Gold	Bolivar	.1930	
Yugoslavia	Gold	Dinar	.0176	By law of May 11, 1931, effective June 28, 1931.

TABLE OF CARDINAL NUMBERS AND COMMERCIAL TERMS IN TEN LANGUAGES

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

1933

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
36	37	38	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	..	..	..	..
..	..	..	..	..	..	..

MARCH

S	M	T	W	T	F	S
..	..	..	60	61	62	63
64	65	66	67	68	69	70
71	72	73	74	75	76	77
78	79	80	81	82	83	84
85	86	87	88	89	90	..
26	27	28	29	30	31	..
..	..	..	..	..	..	..

APRIL

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

MAY

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

JUNE

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

JULY

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

AUGUST

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

SEPTEMBER

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

OCTOBER

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

NOVEMBER

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

DECEMBER

S	M	T	W	T	F	S
..	..	..	..	..	335	336
337	338	339	340	341	342	343
3	4	5	6	7	8	9
344	345	346	347	348	349	350
10	11	12	13	14	15	16
351	352	353	354	355	356	357
17	18	19	20	21	22	23
358	359	360	361	362	363	364
24	25	26	27	28	29	30
365	..	..	..	..	..	..
31	..	..	..	..	..	..

Numerical System of the A. B. A.

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

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

EXPLANATION OF SYSTEM

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

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

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

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

The Fourteenth Edition published in September, 1932.

Reserves Required to be held by members in Federal Reserve Bank

Banks Not in Reserve or Central Reserve City	Reserve City Banks	Central Reserve City Banks
7% of Net Demand Deposits 3% of Time Deposits	10% of Net Demand Deposits 3% of Time Deposits	13% of Net Demand Deposits 3% of Time Deposits

Central Reserve Cities

2. NEW YORK CITY* . . . 7. CHICAGO**

Reserve Cities***

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

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

*New York—Member banks in the Borough of Manhattan, or located in other boroughs and having branches in Manhattan, are subject to the full reserve. Member banks located in the Boroughs of Brooklyn and the Bronx, or located in the Boroughs of Richmond and Queens and having branches in the Boroughs of Brooklyn or the Bronx, are subject to the reserve requirements of a reserve city (10% of demand and 3% of time). Member banks located in the Boroughs of Richmond and Queens (having no branches in other boroughs) are subject to a reserve of 7% against demand and 3% against time.

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

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

FEDERAL RESERVE BOARD

WASHINGTON, D. C.

Ex-officio Members

OGDEN L. MILLS,
Secretary of the Treasury, Chairman.

J. W. POLE,
Comptroller of the Currency.

EUGENE MEYER, *Governor*

CHARLES S. HAMLIN

ADOLPH C. MILLER

GEORGE R. JAMES

WAYLAND W. MAGEE

FLOYD R. HARRISON,
Assistant to the Governor

CHESTER MORRILL, *Secretary*

E. M. McCLELLAND,
Assistant Secretary.

J. C. NOELL, *Assistant Secretary and Fiscal Agent.*

WALTER WYATT, *General Counsel.*

LEO H. PAULGER, *Chief, Division of Examinations.*

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

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

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

FEDERAL ADVISORY COUNCIL—(1932)

THOMAS M. STEELE, *Boston, District No. 1*

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

HOWARD A. LOEB,
Philadelphia, District No. 3

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

HOWARD BRUCE, *Richmond, District No. 5*

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

MELVIN A. TRAYLOR, *Vice-President, Chicago, District No. 7*

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

THEODORE WOLD,
Minneapolis, District No. 9

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

J. H. FROST, *Dallas, District No. 11*

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

WALTER LICHTENSTEIN, *Secretary*

FEDERAL RESERVE BANK INFORMATION

DISTRICT No. 2—Bank Located at New York City. (Transit Number 1-120)

TERRITORY IN DISTRICT—The State of New York and the following counties in New Jersey: Bergen, Essex, Hudson, Middlesex, Montross, Morris, Passaic, Somerset, Sussex, Union, and Warren and the County of Fairfield, Connecticut. Membership: National Banks 93; State Banks 37. Total 130. Total number of banks in District No. 2, 130.

DIRECTORS

Term Expires Dec. 31, 1934
A 1 ALBERT H. WIGGIN, New York City, Chairman, Governor Board, The Chase National Bank of the City of New York
A 2 THOMAS W. STEPHENS, Manhattan, N. Y., 1932
A 3 WILLIAM H. WOODMAN, New York City, 1931
B 1 THOMAS F. WATKINS, New York City, 1932
B 2 THOMAS F. WATKINS, New York City, 1932
B 3 SAMUEL W. HARRISON, New York City, 1932
President, Associated Dry Goods Corporation of New York

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 338; State Banks 29. Total 367.

DIRECTORS

CLASS A:—ALFRED L. RIPLEY (1932), Boston; F. S. CHAMBERLAIN (1934), New Britain, Conn.; EDWARD S. KENNARD (1933), Rumford, Maine.

CLASS B:—PHILIP R. ALLEN (1932), East Walpole, Mass.; EDWARD S. FRENCH (1934), Springfield, Vermont; A. FARWELL BEMIS (1933), Boston, Mass.

CLASS C:—FREDERIC H. CURTISS (1932), Boston, Chairman of Board and Federal Reserve Agent; ALLEN HOLLIS (1933), Concord, N. H., Deputy Chairman; C. H. MERRIMAN (1934) Providence.

OFFICERS

ROY A. YOUNG, Governor; WILLIAM W. PADDOCK, Deputy Governor; WILLIAM WILLETT, Cashier; KRICKEL K. CARRICK, Secretary; FREDERIC H. CURTISS, Federal Reserve Agent; CHARLES F. GETTEMY, Assistant Federal Reserve Agent.

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

HARRY F. CURRIER, Auditor. PHILLIPS KETCHUM, Boston, Mass., General Counsel.

(Statement of June 29, 1932)

LIABILITIES	RESOURCES
F. R. notes in actual circulation.....\$198,023,000	Gold with Federal Reserve Agent.....\$164,127,000
Deposits:	Gold redemption fund with U. S. Treasury.....2,162,000
Member bank—reserve account.....129,447,000	Gold held exclusively against F. R. notes.....\$166,289,000
Government.....1,233,000	Gold settlement fund with F. R. Board.....9,436,000
Foreign bank.....631,000	Gold and gold certificates held by bank.....16,082,000
Other deposits.....146,000	Total gold reserve.....\$191,807,000
Total deposits.....\$131,457,000	Reserves other than gold.....20,541,000
Deferred availability items.....43,697,000	Total reserves.....\$212,348,000
Capital paid in.....11,518,000	Non-reserve cash.....5,452,000
Surplus.....20,039,000	Bills discounted:
All other liabilities.....1,254,000	Sec. by U. S. Government obligations.....11,986,000
Total miscellaneous liabilities.....\$ 76,508,000	Other bills discounted.....15,712,000
TOTAL LIABILITIES.....\$405,988,000	Total bills discounted.....\$ 27,698,000
	Bills bought in open market.....\$4,352,000
	U. S. Government securities:
	Bonds.....20,527,000
	Treasury notes.....14,980,000
	Certificates and Bills.....71,222,000
	Total U. S. Government securities.....\$106,729,000
	Total bills and securities.....\$138,779,000
	Due from foreign banks.....295,000
	F. R. notes of other F. R. banks.....353,000
	Uncollected items.....43,537,000
	Bank premises.....3,336,000
	All other resources.....1,888,000
	Total miscellaneous resources.....\$49,409,000
	TOTAL RESOURCES.....\$405,988,000

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 683; State Banks 37; Trust Companies 104. Total 824, as of June 30, 1932. Non-members 518, including Savings Banks. Total number of banks in District No. 2, 1,342.

DIRECTORS

Class	Group	Term Expires Dec. 31	Class	Group	Term Expires Dec. 31
A	1	ALBERT H. WIGGIN, New York City Chairman, Governing Board, The Chase National Bank of the City of New York	B	2	THEODORE F. WHITMARSH, New York City Chairman, Francis H. Leggett & Co.
A	2	THOMAS W. STEPHENS, Montclair, N. J. 1932 President, Bank of Montclair	B	3	SAMUEL W. REYBURN, New York City 1933 President, Associated Dry Goods Cor- poration of New York
A	3	DAVID C. WARNER, Endicott, N. Y. 1933 President, Endicott Trust Company, Endicott, N. Y.	C		J. HERBERT CASE, New York City, Chairman 1934 OWEN D. YOUNG, New York City 1932 Deputy Chairman
B	1	WILLIAM H. WOODIN, New York City 1934 President, American Car & Foundry Company	C		CLARENCE M. WOOLLEY, Greenwich, Conn. 1933 Chairman, American Radiator and Standard Sanitary Corporation

MEMBER FEDERAL ADVISORY COUNCIL

ROBERT H. TREMAN, *President The Tompkins County National Bank, Ithaca, N. Y.*

OFFICERS

W. RANDOLPH BURGESS, <i>Deputy Governor</i>	GEORGE L. HARRISON, <i>Governor</i>
JAY E. CRANE, <i>Deputy Governor</i>	EDWIN R. KENZEL, <i>Deputy Governor</i>
ARTHUR W. GILBERT, <i>Deputy Governor</i>	WALTER S. LOGAN, <i>Deputy Governor and General Counsel</i>
	LESLIE R. ROUNDS, <i>Deputy Governor</i>
	LOUIS F. SAILER, <i>Deputy Governor</i>
CHARLES H. COE, <i>Assistant Deputy Governor</i>	L. WERNER KNOKE, <i>Assistant Deputy Governor</i>
RAY M. GIDNEY, <i>Assistant Deputy Governor</i>	WALTER B. MATTESON, <i>Assistant Deputy Governor</i>
J. WILSON JONES, <i>Assistant Deputy Governor</i>	JAMES M. RICE, <i>Assistant Deputy Governor</i>
	ALLAN SPROUL, <i>Assistant Deputy Governor and Secretary</i>
DUDLEY H. BARROWS, <i>Manager, Administration Department</i>	JACQUES A. MITCHELL, <i>Manager, Credit Department</i>
WESLEY W. BURT, <i>Manager, Accounting Department</i>	ROBERT M. MORGAN, <i>Manager, Bill Department</i>
EDWARD O. DOUGLAS, <i>Manager, Foreign Department</i>	ARTHUR PHELAN, <i>Manager, Discount Department</i>
EDWIN C. FRENCH, <i>Manager, Cash Department</i>	WILLIAM A. SCOTT, <i>Manager, Government Bond and Safe- keeping Department</i>
HERBERT H. KIMBALL, <i>Assistant Counsel</i>	I. WARD WATERS, <i>Manager, Check Department</i>
ROBERT F. McMURRAY, <i>Manager, Collection Department</i>	

OFFICERS OF FEDERAL RESERVE AGENT'S FUNCTION

J. HERBERT CASE, <i>Federal Reserve Agent</i>	HAROLD V. ROELSE, <i>Manager, Reports Department, and Assistant Secretary</i>
WILLIAM H. DILLISTIN, <i>Assistant Federal Reserve Agent</i>	CARL SNYDER, <i>General Statistician</i>
HERBERT S. DOWNS, <i>Assistant Federal Reserve Agent and Manager, Bank Relations Department</i>	

EDWARD L. DODGE, *General Auditor*

GEORGE W. FERGUSON, *Assistant General Auditor*

BUFFALO BRANCH

DIRECTORS

Term Expires Dec. 31	Term Expires Dec. 31
FREDERICK B. COOLEY, 1932 President, New York Car Wheel Co., Buffalo	EDWARD G. MINER, 1933 President, Pfaunder Company, Rochester, N. Y.
LEWIS G. HARRIMAN, 1932 President, M & T Trust Company, Buffalo	GEORGE G. KLEINDINST, 1934 President, Liberty Bank of Buffalo
GEORGE F. RAND, 1933 President, Marine Trust Company, Buffalo	RAYMOND N. BALL, 1934 President, Lincoln-Alliance Bank and Trust Company, Rochester, N. Y.
ROBERT M. O'HARA, <i>Managing Director</i>	

OFFICERS

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

(Statement of June 29, 1932)

LIABILITIES	RESOURCES
F. R. Notes in actual circulation.....\$ 578,664,000	Gold with Federal Reserve Agent.....\$ 415,572,000
Deposits:	Gold redemption fund with U. S. Treasury.....13,856,000
Member bank—reserve account.....871,743,000	Gold held exclusively against F. R. notes.....429,428,000
Government.....17,078,000	Gold settlement fund with F. R. Board.....72,342,000
Foreign bank.....2,802,000	Gold and gold certificates held by bank.....203,644,000
Other deposits.....22,855,000	Total gold reserves.....\$ 705,414,000
Total deposits.....\$ 914,478,000	Reserves other than gold.....52,345,000
Deferred availability items.....87,175,000	Total reserves.....\$ 757,759,000
Capital paid in.....59,185,000	Non-reserve cash.....17,631,000
Surplus.....75,077,000	Bills discounted:
All other liabilities.....13,655,000	Sec. by U. S. Government obligations.....66,450,000
TOTAL LIABILITIES.....\$1,728,234,000	Other bills discounted.....42,226,000
	Total bills discounted.....\$ 108,676,000
	Bills bought in open market.....11,589,000
	United States Government securities:
	Bonds.....184,454,000
	Treasury notes.....96,053,000
	Certificates and bills.....414,038,000
	Total U. S. Government securities.....\$ 694,545,000
	Other securities.....4,292,000
	Total bills and securities.....\$ 819,102,000
	Due from foreign banks.....1,281,000
	Federal Reserve notes of other banks.....4,639,000
	Uncollected items.....88,026,000
	Bank premises.....14,817,000
	All other resources.....24,979,000
	TOTAL RESOURCES.....\$1,728,234,000

FEDERAL RESERVE BANK INFORMATION

DISTRICT No. 3—Bank Located at Philadelphia. (Transit Number 3-4)

(925 Chestnut Street)

TERRITORY IN DISTRICT—Delaware, the following counties of New Jersey: Atlantic, Burlington, Camden, Cape May, Cumberland, Gloucester, Mercer, Ocean, and Salem, and all Pennsylvania east of western boundary of following counties: McKean, Elk, Clearfield, Cambria, and Bedford. Membership: National Banks 638; State Banks 60. Non-Member Banks 314. Total number of banks in District No. 3, 1012.

DIRECTORS

CLASS A:—JOHN C. COSGROVE (1934), Johnstown, Pa.; JOSEPH WAYNE, JR. (1932), Philadelphia; GEORGE W. REILLY (1933), Harrisburg, Pa.

CLASS B:—C. FREDERICK C. STOUT (1934), Philadelphia; ARTHUR W. SEWALL (1932), Philadelphia; J. CARL DE LA COUR (1933), Camden, N. J.

CLASS C:—RICHARD L. AUSTIN (1932), Philadelphia, *Chairman of Board*; HARRY L. CANNON (1934), Bridgeville, Del.; ALBA B. JOHNSON, *Deputy Chairman* (1933), Philadelphia.

OFFICERS

GEO. W. NORRIS, *Governor*; WILLIAM H. HUTT, *Deputy Governor*; C. A. McILHENNY, *Cashier and Secretary*. RICHARD L. AUSTIN, *Chairman and Federal Reserve Agent*; ALBA B. JOHNSON, *Deputy Chairman of the Board*; ARTHUR E. POST, *Assistant Federal Reserve Agent*; ERNEST C. HILL, *Assistant Federal Reserve Agent*.

ASSISTANT CASHIERS:—W. J. DAVIS, JAMES M. TOY, R. M. MILLER, Jr., and S. R. EARL. WM. G. McCREEDY, *Comptroller*; HOWARD A. LOEB, Philadelphia, *Member Federal Advisory Council*; WILLIAMS, BRITTAIN and SINCLAIR, *Counsel*.

(Statement of June 29, 1932)

LIABILITIES	RESOURCES
Federal Reserve notes in actual circulation.....	Gold with Federal Reserve Agent.....\$147,200,000.00
Deposits:	Gold redemption fund with U. S. Treasury.....6,276,309.67
Member bank—reserve account.....	Gold held exclusively against Federal Reserve Notes...153,476,309.67
Government.....	Gold settlement fund with Federal Reserve Board....3,020,593.64
Foreign bank.....	Gold and gold certificates held by bank.....10,145,251.00
Other deposits.....	Total gold reserves.....\$166,642,154.31
Total Deposits.....\$116,181,460.07	Reserves other than gold.....30,952,582.00
Deferred availability items.....	Total reserves.....\$197,594,736.31
Capital paid in.....	Non-Reserve cash.....\$3,114,091.43
Surplus.....	Bills discounted:
All other liabilities.....	Secured by U. S. Gov't Obligations.....23,163,110.00
TOTAL LIABILITIES.....\$438,193,476.92	Other Bills discounted.....44,379,455.09
	Total Bills discounted.....\$67,542,565.09
	Bills bought in open market.....3,415,845.84
	U. S. Government Securities:
	Bonds.....29,965,900.00
	Treasury Notes.....20,009,500.00
	Certificates and Bills.....82,022,500.00
	Total U. S. Gov't Securities.....\$131,997,900.00
	Other Securities.....1,622,984.38
	Total Bills and Securities.....\$204,579,295.31
	Due from Foreign Banks.....400,116.07
	F. R. Notes of other Federal Reserve Banks.....321,000.00
	Uncollected Items.....28,528,840.35
	Bank premises.....2,873,519.55
	All other resources.....781,877.90
	TOTAL RESOURCES.....\$438,193,476.92

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

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

TERRITORY IN DISTRICT—State of Ohio, all that part of Pennsylvania west of the eastern boundaries of the following counties: Warren, Forest, Jefferson, Indiana, and Somerset, the counties of Marshall, Ohio, Brooke, Tyler, Wetzell, and Hancock in the State of West Virginia, and all that part of the State of Kentucky located east of the western boundary of the following counties: Boone, Grant, Scott, Woodford, Jessamine, Garrard, Lincoln, Pulaski, and McCreary. Membership: National Banks 574; State Banks 70. Total member banks 644. Non-Members 772. Total number of banks in District 4, 1,416.

DIRECTORS

CLASS A:—ROBERT WARDROP (1932), Pittsburgh; CHESS LAMBERTON (1934), Franklin, Pa.

CLASS B:—R. P. WRIGHT (1934), Erie, Pa.; J. E. Galvin (1933), Lima, Ohio; G. D. CRABBS (1932), Cincinnati, Ohio.

CLASS C:—GEORGE DE CAMP (1932), Cleveland, *Chairman of Board*; L. B. WILLIAMS (1934), Cleveland, Ohio. *Deputy Chairman of Board*; W. W. KNIGHT (1933), Toledo, Ohio.

J. A. HOUSE, Cleveland, Ohio, *Member Federal Advisory Council*.

OFFICERS

GEORGE DE CAMP, *Chairman of Board and Federal Reserve Agent*

WM. H. FLETCHER, *Assistant Federal Reserve Agent and Manager, Department of Examination*

J. B. ANDERSON, *Assistant Federal Reserve Agent and Manager Statistical Department*

F. V. GRAYSON, *Auditor*

E. R. FANCHER, *Governor*

M. J. FLEMING, *Deputy Governor*

F. J. ZURLINDEN, *Deputy Governor*

H. F. STRATER, *Cashier and Secretary*

W. F. TAYLOR, *Asst. Cashier*

C. W. ARNOLD, *Asst. Cashier*

G. H. WAGNER, *Asst. Cashier*

D. B. CLOUSER, *Asst. Cashier*

C. L. BICKFORD, *Asst. Cashier*

CINCINNATI BRANCH. (Transit Number 13-43)

(Fourth and Race)

C. F. McCOMBS, *Managing Director*; B. J. LAZAR, *Cashier*; H. N. OTT, *Assistant Cashier*; BRUCE KENNELLY, *Assistant Cashier*

DIRECTORS

FRED A. GEIER, T. J. DAVIS, JOHN OMWAKE, B. H. KROGER, and C. F. McCOMBS, Cincinnati; E. S. LEE, Covington, Ky.; GEO. M. VERITY, Middletown, O.

FEDERAL RESERVE BANK INFORMATION

(District No. 4. Continued from page 77)

PITTSBURGH BRANCH. (Transit Number 8-30)

(Grant Street and Ogle Way)

J. C. NEVIN, *Managing Director*; THOS. C. GRIGGS, *Cashier*; P. A. BROWN, *Assistant Cashier*; F. E. COBUN, *Assistant Cashier*.

DIRECTORS

R. B. MELLON, JOSEPH B. SHEA, A. L. HUMPHREY, A. E. BRAUN, AND J. C. NEVIN, Pittsburgh;
J. R. EISAMAN, Greensburg, Pa.; J. S. JONES, Wheeling, W. Va.

(Statement of June 30, 1932)

LIABILITIES	
Federal Reserve notes in actual circulation.....	\$289,037,000
Deposits:	
Member bank—reserve account.....	145,449,000
Government.....	341,000
Foreign bank.....	847,000
Other deposits.....	3,243,000
Total deposits.....	\$149,880,000
Deferred availability items.....	31,645,000
Capital paid in.....	14,266,000
Surplus.....	27,640,000
All other liabilities.....	2,789,000
TOTAL LIABILITIES.....	\$515,257,000

RESOURCES	
Gold with Federal Reserve Agent.....	\$173,970,000
Gold redemption fund with U. S. Treasury.....	6,245,000
Gold held exclusively against F. R. notes.....	180,215,000
Gold settlement fund with F. R. Board.....	25,134,000
Gold and gold certificates held by banks.....	18,076,000
Total gold reserves.....	223,425,000
Reserves other than gold.....	17,698,000
Total reserves.....	\$241,123,000
Non-reserve cash.....	3,426,000
Bills discounted:	
Secured by U. S. Government obligations.....	15,479,000
Other bills discounted.....	26,596,000
Total bills discounted.....	42,075,000
Bills bought.....	6,230,000
U. S. Government securities:	
Bonds.....	41,116,000
Treasury notes.....	27,842,000
Certificates and Bills.....	110,402,000
Total U. S. Government securities.....	179,360,000
Total Bills and securities.....	\$227,665,000
Due from foreign banks.....	369,000
Federal Reserve notes of other banks.....	940,000
Uncollected items.....	32,440,000
Bank premises.....	7,966,000
All other resources.....	1,328,000
TOTAL RESOURCES.....	\$515,257,000

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 371; State Banks 32.

DIRECTORS

CLASS A:—L. E. JOHNSON, (1932), Alderson, W. Va.; CHAS. E. RIEMAN (1933), Baltimore, Md.; JAMES C. BRASWELL (1934), Rocky Mount, N. C.

CLASS B:—D. R. COKER (1932), Hartsville, S. C.; W. MEADE ADDISON (1933), Richmond, Va.; EDWIN C. GRAHAM (1934), Washington, D. C.

CLASS C:—WM. W. HOXTON (1932), Richmond, *Chairman of Board*; FREDERIC A. DELANO (1933), *Deputy Chairman*, Washington, D. C.; ROBERT LASSITER (1934), Charlotte, N. C.

OFFICERS

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

HOWARD BRUCE, (1932) Baltimore, Md., *Member Federal Advisory Council*.

BALTIMORE BRANCH. (Transit Number 7-27)

(Lexington and Calvert)

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

DIRECTORS

HUGH LEACH (1932), Baltimore; M. M. PRENTIS (1933), Baltimore; NORMAN JAMES (1933), Baltimore; W. H. MATTHAI (1934), Baltimore; EDMUND P. COHILL (1932), Hancock; LEVI B. PHILLIPS (1934), Cambridge; L. S. ZIMMERMAN (1932), Baltimore.

CHARLOTTE BRANCH. (Transit Number 66-20)

W. T. CLEMENTS, *Managing Director*; R. L. CHERRY, *Cashier*.

DIRECTORS

W. T. CLEMENTS (1932), Charlotte; W. H. WOOD (1934), Charlotte; C. L. COBB (1932), Rock Hill, S. C.; ROBT. GAGE (1933), Chester, S. C.; JOHN LINDSAY MOREHEAD (1934), Charlotte; C. A. CANNON (1932), Concord, N. C.; JOHN A. LAW (1933), Spartanburg, S. C.

(Statement of June 30, 1932)

LIABILITIES	
Federal Reserve Notes in Actual Circulation.....	\$ 88,068,000
Deposits:	
Member Banks—Reserve Accounts.....	48,825,000
Government.....	50,000
Foreign Banks.....	335,000
Other Deposits.....	101,000
Total Deposits.....	\$ 49,311,000
Deferred availability items.....	26,085,000
Capital paid in.....	5,215,000
Surplus.....	11,483,000
All Other Liabilities.....	1,113,000
TOTAL LIABILITIES.....	\$181,275,000

RESOURCES	
Gold with Federal Reserve Agent.....	\$ 44,650,000
Gold Redemption Fund with U. S. Treasury.....	2,422,000
Gold held exclusively against Federal Reserve Notes.....	47,072,000
Gold Settlement Fund with Federal Reserve Board.....	1,975,000
Gold and Gold Certificates held by Bank.....	6,575,000
Total Gold Reserves.....	\$ 55,622,000
Reserves other than gold.....	10,577,000
Total Reserves.....	\$ 66,199,000
Non-reserve cash.....	\$ 3,234,000
Bills Discounted:	
Secured by U. S. Government Obligations.....	\$ 5,437,000
Other bills discounted.....	20,176,000
Total Bills Discounted.....	\$ 25,613,000
Bills Bought in Open Market.....	3,110,000
United States Government Securities:	
Bonds.....	9,736,000
Treasury Notes.....	7,334,000
Certificates and Bills.....	30,063,000
Total U. S. Government Securities.....	\$ 47,133,000
Total Bills and Securities.....	\$ 75,856,000
Due from Foreign Banks.....	146,000
Federal Reserve Notes of Other Banks.....	786,000
Uncollected items.....	27,604,000
Bank Premises.....	3,612,000
All Other Resources.....	3,838,000
TOTAL RESOURCES.....	\$181,275,000

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 296; State Banks 42. Total 338.

Non-Member Banks, 869; Total number of banks in District 6, 1,207.

DIRECTORS

CLASS A:—H. L. YOUNG (1933), Atlanta, Ga.; E. C. MELVIN (1934), Selma, Ala.; G. G. WARE (1932), Leesburg, Fla.

CLASS B:—LEON C. SIMON (1932), New Orleans, La.; J. A. McCRARY (1933), Decatur, Ga.; J. B. HILL (1934), Nashville, Tenn.

CLASS C:—OSCAR NEWTON (1932), Atlanta, Ga., *Chairman*; W. H. KETTIG (1934), Birmingham, Ala., *Deputy Chairman*; G. S. HARRIS (1933), Atlanta, Ga.

OFFICERS

E. R. BLACK, *Governor*; W. S. JOHNS, *Deputy Governor*; H. F. CONNIFF, *Deputy Governor*; W. S. McLARIN, JR., *Assistant Deputy Governor*; M. W. BELL, *Cashier*; R. A. SIMS, V. K. BOWMAN, C. R. CAMP, P. L. T. BEAVERS, S. P. SCHUESSLER, L. M. CLARK, *Assistant Cashiers*; OSCAR NEWTON, *Chairman of the Board and Federal Reserve Agent*; WARD ALBERTSON, *Assistant Federal Reserve Agent and Secretary of the Board of Directors*; E. P. PARIS, *General Auditor*; J. W. HONOUR, *Assistant Auditor*; J. K. OTTLEY, Atlanta, Ga., *Member Federal Advisory Council*; ROBERT S. PARKER, Atlanta, Ga., *General Counsel*.

NEW ORLEANS BRANCH. (Transit Number 14-21)

DIRECTORS

LEON C. SIMON, *Chairman*; MARCUS WALKER, R. S. HECHT, P. H. SAUNDERS, J. D. O'KEEFE, New Orleans; F. W. FOOTE, Hattiesburg, Miss.; A. P. BUSH, Mobile, Ala.

OFFICERS

MARCUS WALKER, *Managing Director*; J. A. WALKER, *Assistant Manager*; W. H. BLACK, *Cashier*; F. C. VASTERLING, *Assistant Cashier*; W. E. MILLER, *Assistant Auditor*.

BIRMINGHAM BRANCH. (Transit Number 61-19)

DIRECTORS

W. H. KETTIG, *Chairman*; OSCAR WELLS, W. E. HENLEY, W. W. CRAWFORD, J. H. FRYE, Birmingham, Ala.; E. F. ALLISON, Bellamy, Ala.

OFFICERS

J. H. FRYE, *Managing Director*; H. J. URQUHART, *Cashier*; T. N. KNOWLTON, *Assistant Cashier*.

JACKSONVILLE, Fla., BRANCH. (Transit Number 63-19)

DIRECTORS

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

OFFICERS

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

NASHVILLE BRANCH. (Transit Number 87-10)

DIRECTORS

J. B. HILL, *Chairman*; JOEL B. FORT, Jr., C. A. CRAIG, PAUL M. DAVIS, Nashville, Tenn.; FRANK J. HARLE, Cleveland, Tenn.; WM. P. RIDLEY, Columbia, Tenn.; C. W. BAILEY, Clarksville, Tenn.

OFFICERS

JOEL B. FORT, Jr., *Managing Director*; E. R. HARRISON, *Cashier*; L. W. STARR, *Assistant Cashier*.

SAVANNAH AGENCY. (Transit Number 38-49)

J. H. BOWDEN, *Manager*; JAS. A. GOETHE, *Assistant Manager*.

HAVANA AGENCY

H. C. FRAZER, *Manager*; A. H. ALSTON, *Assistant Manager*.

(Statement as of June 29, 1932)

LIABILITIES	
F. R. notes in actual circulation.....	\$111,376,080.00
Deposits:	
Member banks—reserve account.....	\$44,240,985.53
Government.....	176,172.94
Foreign banks.....	307,100.00
Other deposits.....	405,372.84
Total deposits.....	\$45,129,631.31
Deferred availability items.....	\$ 8,271,025.95
Capital paid in.....	4,874,900.00
Surplus.....	10,448,658.03
All other liabilities.....	2,704,984.82
TOTAL LIABILITIES.....	\$182,805,280.11

RESOURCES	
Gold with Federal Reserve Agent....	\$56,500,000.00
Gold redemption fund.....	3,613,802.61
Gold held exclusively against F. R. notes.....	\$60,113,802.61
Gold settlement fund with F. R. Board.....	5,296,311.01
Gold and gold certificates held by bank.....	8,275,832.29
Total gold reserves.....	\$ 73,685,945.91
Reserves other than gold.....	5,932,521.00
Total reserves.....	\$ 79,618,466.91
Non-reserve cash.....	5,359,069.44
Bills discounted:	
Sec. by U. S. Government obligations.....	5,771,928.27
Other bills discounted.....	22,031,904.95
Total bills discounted.....	\$27,803,833.22
Bills bought in open market.....	2,083,194.25
U. S. Government securities:	
Bonds.....	11,900,650.00
Treasury notes.....	8,030,000.00
Certificates and Bills.....	32,913,450.00
Total U. S. Government securities.....	\$52,844,100.00
Total bills and securities.....	\$82,731,127.47
Due from foreign banks.....	137,093.64
F. R. Notes of other F. R. Banks.....	722,400.00
Uncollected items.....	8,114,460.83
Bank premises.....	2,488,640.53
All other resources.....	3,634,021.29
TOTAL RESOURCES.....	\$182,805,280.11

FEDERAL RESERVE BANK INFORMATION

DISTRICT No. 7—Bank Located at Chicago. (Transit No. 2-30)

(230 S. La Salle St.)

TERRITORY IN DISTRICT—State of Iowa, all that part of Wisconsin in the counties of Vernon, Monroe, Jackson, Clark, Marathon, Langlade, Oconto, and Marinette, together with all the counties lying east and south of these counties; all of the southern peninsula of Michigan, viz.: that part east of Lake Michigan; all that part of Illinois located north of a line forming the southern boundary of the following counties: Hancock, Schuyler, Cass, Sangamon, Christian, Shelby, Cumberland, and Clark; and all that part of Indiana north of a line forming the southern boundaries of the following counties: Vigo, Clay, Owen, Monroe, Brown, Bartholomew, Jennings, Ripley, and Ohio.

Membership: National Banks 703; State Banks 167.

Total non-member banks in Federal Reserve District 7, 2,648.

DIRECTORS AND OFFICERS

Class A—Directors

GEORGE J. SCHALLER, Storm Lake, Iowa (1932)
GEORGE M. REYNOLDS, Chicago, Ill. (1933)
EDWARD R. ESTBERG, Waukesha, Wis. (1934)

Class B—Directors

*ROBERT M. FEUSTEL, Fort Wayne, Ind. (1932)
MAX W. BABB, Milwaukee, Wis. (1933)
STANFORD T. CRAPO, Detroit, Mich. (1934)
(*Deceased May 8, 1932.)

Class C—Directors

JAMES SIMPSON, Chicago, Ill. (1932)
EUGENE M. STEVENS, Evanston, Ill. (1933), Chairman
FRANK C. BALL, Muncie, Ind. (1934)

MELVIN A. TRAYLOR, Chicago, Ill., Member Federal Advisory Council

Officers

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

CARL MEYER, Counsel

JAMES B. McDUGAL, Governor

JOHN H. BLAIR, Deputy Governor

CHARLES R. McKAY, Deputy Governor

JAMES H. DILLARD, Deputy Governor

WILLIAM C. BACHMAN, Assistant Deputy Governor

EUGENE A. DELANEY, Assistant Deputy Governor

DON A. JONES, Assistant Deputy Governor

OTTO J. NETTERSTROM, Assistant Deputy Governor

FRED BATEMAN, Manager, Securities Department

JOSEPH C. CALLAHAN, Manager, Member Bank Accounts Department

ROBERT E. COULTER, Manager, Cash Custody Department

ALBA W. DAZEY, Manager, Investment Department

IRVING FISCHER, Manager, Check Department

ROBERT J. HARGREAVES, Manager, Personnel Department

FRANK A. LINDSTEN, Manager, Disbursing Department

LOUIS G. MEYER, Manager, Service Department

ARTHUR L. OLSON, Manager, Loans

LOUIS G. PAVEY, Manager, Collection Department

FRANKLIN L. PURRINGTON, Manager, Discount Department

JESSE G. ROBERTS, Manager, Cash Department

WILLIAM W. TURNER, Manager, Loans

DETROIT BRANCH. (Transit No. 9-29)

(160 Fort Street, West)

Directors

GEORGE B. MORLEY, Saginaw, Mich.
DAVID McMORRAN, Port Huron, Mich.
WILLIAM J. GRAY, Detroit, Mich.
JAMES INGLIS, Detroit, Mich.
N. P. HULL, Lansing, Mich.
JOHN BALLANTYNE, Detroit, Mich.
W. R. CATION, Detroit, Mich.

Officers

WILLIAM R. CATION, Managing Director
WILLIAM C. RECKNAGEL, Assistant Federal Reserve Agent
HARLAN J. CHALFONT, Cashier
GEORGE T. JARVIS, Assistant Cashier
JOHN G. BASKIN, Assistant Cashier
F. L. BOWEN, Assistant Auditor

(Statement as of June 29, 1932)

LIABILITIES

F. R. notes in actual circulation.....	\$721,335,160.00
Deposits:	
Member bank—reserve account.....	\$320,807,931.70
Government.....	849,246.76
Foreign bank.....	1,112,200.00
Other deposits.....	3,799,469.86
Total deposits.....	\$326,568,848.32
Deferred availability items.....	\$ 37,978,246.65
Capital paid in.....	17,322,150.00
Surplus.....	38,411,010.76
All other liabilities.....	4,505,665.48
TOTAL LIABILITIES.....	\$1,146,121,081.21

RESOURCES

Gold with Federal Reserve Agent.....	\$ 600,595,000.00
Gold Redemption fund with U. S. Treasury.....	10,189,641.03
Gold held exclusively against F. R. Notes.....	\$ 610,784,641.03
Gold Settlement Fund with F. R. Board.....	73,071,472.31
Gold and gold certificates held by Bank.....	30,204,436.64
Total gold reserves.....	\$ 714,060,549.98
Reserves other than gold.....	24,337,068.00
Total reserves.....	\$ 738,397,617.98
Non-reserve cash.....	14,189,712.44
Bills discounted:	
Sec. by U. S. government obligations.....	10,972,218.81
Other bills discounted.....	23,111,523.53
Total bills discounted.....	\$ 34,083,742.34
Bills bought in open market.....	20,258,047.04
U. S. government securities:	
Bonds.....	60,896,100.00
Treasury notes.....	50,361,500.00
Special Treasury certificates.....	24,000,000.00
Other certificates and bills.....	152,122,500.00
Total U. S. government securities.....	287,380,100.00
Other securities.....	0
Foreign loans on gold.....	0
Total bills and securities.....	341,721,889.38
Due from foreign banks.....	520,539.32
Uncollected items.....	38,843,523.94
Federal Reserve notes of other banks.....	2,053,800.00
Bank premises.....	7,827,477.75
All other resources.....	2,566,520.40
TOTAL RESOURCES.....	\$1,146,121,081.21

FEDERAL RESERVE BANK INFORMATION

DISTRICT No. 8—Bank Located at St. Louis. (Transit Number 4-4)

(411 Locust Street)

TERRITORY IN DISTRICT—Arkansas, all Missouri east of the western boundary of the following counties: Harrison, Daviess, Caldwell, Ray, Lafayette, Johnson, Henry, St. Clair, Cedar, Dade, Lawrence, and Barry; all Illinois south of the northern boundaries of the following counties: Adams, Brown, Morgan, McCoupin, Montgomery, Fayette, Effingham, Jasper, and Crawford; all Indiana south of the northern boundaries of the following counties: Sullivan, Greene, Lawrence, Jackson, Scott, Jefferson, and Switzerland; all Kentucky west of the eastern boundaries of the following counties: Gallatin, Owen, Franklin, Anderson, Mercer, Boyle, Casey, Russell, and Wayne; all Tennessee west of the eastern boundaries of the following counties: Henry, Benton, Decatur, and Hardin; and all Mississippi north of the southern boundaries of the following counties: Washington, Holmes, Attala, Winston, Noxubee, and Humphreys.

Membership: National Banks 448; State Banks 104. Total 552.

DIRECTORS

CLASS A:—JOHN G. LONSDALE (1932), St. Louis; F. GUY HITT (1934), Zeigler, Ill.; MAX B. NAHM (1933), Bowling Green, Ky.

CLASS B:—WILLIAM B. PLUNKETT (1934), Little Rock, Ark.; J. W. HARRIS (1933), St. Louis, Mo.; M. P. STURDIVANT, Glendora, Miss.

CLASS C:—JOHN S. WOOD, St. Louis, *Chairman of Board and Federal Reserve Agent*; JOHN W. BOEHNE (1932), Evansville, Ind., *Deputy Chairman*; PAUL DILLARD (1934), Memphis, Tenn.

WALTER W. SMITH, St. Louis, Mo., *Member Federal Advisory Council*.

OFFICERS

JOHN S. WOOD, *Chairman of the Board and Federal Reserve Agent*; C. M. STEWART, *Secretary and Assistant Federal Reserve Agent*; WM. McC. MARTIN, *Governor*; OLIN M. ATTEBERY, *Deputy Governor*; JAMES G. McCONKEY, *Deputy Governor and Counsel*; A. H. HAILL, S. F. GILMORE, F. N. HALL, O. C. PHILLIPS and G. O. HOLLOCHER, *Controllers*; E. J. NOVY, *General Auditor*; A. E. DEBRECHT and L. A. MOORE, *Assistant Auditors*.

LITTLE ROCK BRANCH. (Transit Number 81-13)

A. F. BAILEY, *Managing Director*; M. H. LONG, *Cashier*; CLIFFORD WOOD, *Assistant Cashier*.

DIRECTORS

A. F. BAILEY, GORDON H. CAMPBELL, W. A. HICKS, CHAS. H. MURPHY, STUART WILSON MOORHEAD WRIGHT, and JO. NICHOL.

LOUISVILLE BRANCH. (Transit Number 21-59)

JOHN T. MOORE, *Managing Director*; C. A. SCHACHT, *Cashier*; S. B. JENKS, *Assistant Cashier*.

DIRECTORS

WHITEFOORD R. COLE, Louisville, Ky.; EUGENE E. HOGE, Frankfort, Ky.; JOHN T. MOORE, Louisville, Ky.; JOHN T. REYNOLDS, Greenville, Ky.; W. W. CRAWFORD, Louisville, Ky.; E. H. WOODS, Lucas, Ky.; and W. E. HUTHSTEINER.

MEMPHIS BRANCH. (Transit Number 26-3)

W. H. GLASGOW, *Managing Director*; S. K. BELCHER, *Cashier*; C. E. MARTIN, *Assistant Cashier*.

DIRECTORS

E. L. ANDERSON, W. H. GLASGOW, WILLIAM ORGILL, R. B. SNOWDEN, J. W. ALDERSON, S. E. RAGLAND and J. M. TARRANT.

(Statement of June 30, 1932)

LIABILITIES

F. R. notes in actual circulation	\$ 93,432,605
Deposits:	
Member banks—reserve account	55,354,284
Government	358,496
Foreign bank	293,362
Other deposits	751,737
Total deposits	\$56,757,879
Deferred availability items	13,882,637
Capital paid in	4,478,200
Surplus	10,024,775
All other liabilities	1,198,893
TOTAL LIABILITIES	\$179,774,989

RESOURCES

Gold with Federal Reserve Agent	\$ 57,570,130
Gold redemption fund with U. S. Treasury	2,296,738
Gold held exclusively against F. R. notes	59,866,868
Gold settlement fund with F. R. Board	9,378,711
Gold and gold certificates held by banks	4,948,482
Total gold reserves	74,194,061
Reserves other than gold	9,617,198
Total reserves	83,811,259
Non-reserve cash	3,529,097
Bills discounted:	
Secured by U. S. Government obligations	6,704,654
Other bills discounted	3,876,877
Total bills discounted	10,581,531
Bills bought in open market	1,004,443
U. S. Government securities:	
Bonds	13,287,000
Treasury notes	9,635,000
Certificates and Bills	39,492,500
Total U. S. Government securities	62,415,500
Total bills and securities	74,000,474
Due from foreign banks	17,516
F. R. Notes of other banks	760,770
Uncollected items	12,766,365
Bank premises	3,460,606
All other resources	1,428,902
TOTAL RESOURCES	\$179,774,989

FEDERAL RESERVE BANK INFORMATION

DISTRICT No. 9—Bank Located at Minneapolis. (Transit Number 17-8)

(Location—73 So. Fifth St.)

TERRITORY IN DISTRICT—Montana, North Dakota, South Dakota, Minnesota, all Wisconsin in the counties: La Crosse, Trempealeau, Eau Claire, Chippewa, Taylor, Lincoln, Oneida, Forest, and Florence, and all the counties lying north and west of these and the northern peninsula of Michigan.

Membership: National Banks 558; State Banks 40.

DIRECTORS

CLASS A:—P. J. LEEMAN (1934), Minneapolis; H. R. KIBBEE (1932), Mitchell, S. D.; H. C. HANSEN, (1933), Church Ferry, N. Dak.

CLASS B:—W. O. WASHBURN (1934), St. Paul; J. E. O'CONNELL (1932), Helena, Mont.; JOHN S. OWEN (1933), Eau Claire, Wis.

CLASS C:—JOHN R. MITCHELL (1932), *Chairman*, HOMER P. CLARK (1933), *Deputy Chairman*, St. Paul; GEO. W. McCORMICK (1934), Menominee, Mich

OFFICERS

W. B. GEERY, *Governor*; HARRY YAEGER, *Deputy Governor*; H. I. ZIEMER, *Deputy Governor and Cashier*; FRANK C. DUNLOP, *Controller*; L. E. RAST, *Assistant Cashier*; H. C. CORE, *Assistant Cashier*; A. R. LARSON, *Assistant Cashier*; OTIS R. PRESTON, *Assistant Cashier*; W. E. PETERSON, *Assistant Cashier*; ANDREAS UELAND, *Counsel*; SIGURD UELAND, *Assistant Counsel*; H. P. HOWARD, *Custodian of Building*.

JOHN R. MITCHELL, *Chairman and Federal Reserve Agent*; HOMER P. CLARK, *Deputy Chairman*; CURTIS L. MOSHER, *Assistant Federal Reserve Agent*; FRED M. BAILEY, *Assistant Federal Reserve Agent*; OLIVER S. POWELL, *Statistician*.

MEMBER OF FEDERAL ADVISORY COUNCIL

THEODORE WOLD, Minneapolis, Minn.

HELENA BRANCH. (Transit Number 93-26)

DIRECTORS

W. R. STRAIN, Great Falls, H. SIEBEN, Helena, S. McKENNAN, Helena; R. E. TOWLE, Helena, and THOMAS A. MARLOW, Helena.

OFFICERS

R. E. TOWLE, *Managing Director*; A. A. HOERR, *Cashier*; C. J. LARSON, *Assistant Cashier*.

(Statement of June 29, 1932)

LIABILITIES	RESOURCES
F. R. notes in actual circulation.....\$ 75,106,545.00	Gold with Federal Reserve Agent.....\$ 38,105,000.00
Deposits:	Gold redemption fund with U. S. Treasury.....2,117,735.87
Member bank—reserve account.....39,700,920.46	Gold held exclusively against F. R. notes.....40,222,735.87
Government.....951,305.63	Gold settlement fund with F. R. Board.....9,990,149.08
Foreign bank.....182,600.00	Gold and gold certificates held by bank.....3,124,033.42
Other deposits.....206,569.87	Total gold reserves.....53,336,918.37
Total deposits.....\$ 41,041,395.96	Reserve other than gold.....3,764,525.00
Deferred availability items.....7,540,586.53	Total reserves.....57,101,443.37
Capital paid in.....2,922,700.00	Non-reserve cash.....2,141,190.21
Surplus.....6,356,250.17	Bills discounted:
All other liabilities.....1,622,188.81	Sec. by U. S. Government obligations.....1,016,812.05
TOTAL LIABILITIES.....\$134,589,666.47	Other bills discounted.....9,287,939.54
	Total bills discounted.....10,304,751.59
	Bills bought in open market.....631,918.25
	U. S. Government securities:
	Bonds.....16,854,844.27
	Treasury notes.....7,003,932.38
	Other Certificates and Bills.....28,553,753.11
	Total U. S. Government securities.....52,412,529.76
	Other Securities.....29,853.33
	Total bills and securities.....63,379,052.93
	Due from foreign banks.....12,277.49
	F. R. notes of other Federal Reserve Banks.....516,100.00
	Uncollected items.....8,111,931.85
	Bank premises.....1,833,716.58
	All other resources.....1,493,954.04
	TOTAL RESOURCES.....\$134,589,666.47

FEDERAL RESERVE BANK INFORMATION

DISTRICT No. 10—Bank Located at Kansas City, Mo. (Transit Number 18-4)

(10th & Grand Ave.)

TERRITORY IN DISTRICT—Kansas, Nebraska, Colorado, Wyoming, all Missouri west of the eastern boundaries of the following counties: Worth, Gentry, DeKalb, Clinton, Clay, Jackson, Cass, Bates, Vernon, Barton, Jasper, Newton, and McDonald; all Oklahoma with exception of the following counties: Atoka, Bryan, Choctaw, Coal, Johnston, Marshall, McCurtain, and Pushmataha; all New Mexico north of a line forming the southern boundary of the following counties: Valencia, Bernalillo, Santa Fe, San Miguel, Harding and Union.

Membership: National Banks 775; State Banks 23.

Non-member Banks 1749.

Total number of banks in District No. 10, 2547.

DIRECTORS

CLASS A:—E. E. MULLANEY (1932), Hill City, Kan.; FRANK W. SPONABLE (1934), Paola, Kan.; C. C. PARKS (1933), Denver, Colo.

CLASS B:—L. E. PHILLIPS (1932), Bartlesville, Okla.; W. D. HOSFORD, (1933), Omaha, Neb.; J. M. BERNARDIN (1934), Kansas City, Mo.

CLASS C:—M. L. McCLURE (1932), Kansas City, *Chairman of Board*; H. M. LANGWORTHY (1934), Kansas City, Mo., *Deputy Chairman of Board*; E. P. BROWN (1933), Davey, Neb.

WALTER S. McLUCAS Kansas City, Mo., *Member Federal Advisory Council*.

OFFICERS

GEORGE H. HAMILTON, *Governor*; C. A. WORTHINGTON, *Deputy Governor*; J. W. HELM, *Deputy Governor and Cashier*.

ASSISTANT CASHIERS:—JOHN PHILLIPS, Jr., E. P. TYNER, G. E. BARLEY, M. W. E. PARK, G. H. PIPKIN, N. R. OBERWORTMANN, *Asst. Cashier and Examiner*; H. G. LEEDY, *Counsel*.

M. L. McCLURE, *Chairman Board of Directors and Federal Reserve Agent*; H. M. LANGWORTHY, *Deputy Chairman Board of Directors*; A. M. McADAMS, *Assistant Federal Reserve Agent and Secretary Board of Directors*; S. A. WARDELL, *Auditor*.

DENVER BRANCH (Transit Number 23-19)

(17th & Arapahoe)

J. E. OLSON, *Managing Director*; STANLEY A. BROWN, *Cashier*; JOHN A. CRONAN, *Assistant Cashier*.

DIRECTORS

HAROLD KOUNTZE, Denver; MERRITT W. GANO, Denver; J. E. OLSON, Denver; MURDO MACKENZIE Denver; R. H. DAVIS, Denver; H. W. FARR, Greeley, Colo.; HENRY SWAN, Denver.

OMAHA BRANCH (Transit Number 27-12)

(1701-5 Dodge St.)

L. H. EARHART, *Managing Director*; G. A. GREGORY, *Cashier*; WM. PHILLIPS and O. P. CORDILL *Assistant Cashiers*.

DIRECTORS

WM. DIESING, Omaha; A. H. MARBLE, Cheyenne, Wyo.; L. H. EARHART, Omaha; R. O. MARNELL Nebraska City; W. E. HARDY, Lincoln; T. L. DAVIS, Omaha; DANIEL M. HILDEBRAND, Seward, Nebraska

OKLAHOMA CITY BRANCH (Transit Number 39-24)

(226 West Third St.)

C. E. DANIEL, *Managing Director*; R. O. WUNDERLICH, *Cashier*; R. L. MATHES, *Assistant Cashier*.

DIRECTORS

H. H. OGDEN, Muskogee; WM. MEE, Oklahoma City; C. E. DANIEL, Oklahoma City; NED HOLMAN, Oklahoma City; AUSTIN MILLER, Oklahoma City; J. B. DOOLIN, Alva, Okla.; LEE CLINTON, Tulsa, Okla.

(Statement of June 29, 1932)

LIABILITIES

Federal reserve notes—in actual circulation.....	\$ 82,695,415
Deposits:	
Member bank—reserve deposits.....	68,136,051
Government.....	135,188
Foreign bank.....	240,700
Other deposits.....	95,529
Total deposits.....	\$ 68,607,468
Deferred availability items.....	\$ 16,780,563
Capital paid in.....	4,069,250
Surplus.....	8,124,278
All other liabilities.....	871,829
TOTAL LIABILITIES.....	\$ 181,148,803

RESOURCES

Gold with Federal reserve agent.....	\$ 46,680,000
Gold redemption fund with U. S. Treasury.....	2,534,190
Gold held exclusively against F. R. notes.....	49,214,190
Gold settlement fund with F. R. Board.....	13,547,404
Gold and gold certificates held by bank.....	11,063,192
Total gold reserves.....	73,824,786
Reserves other than gold.....	6,470,485
Total reserves.....	\$ 80,295,271
Non-reserve cash.....	2,109,548
Bills discounted:	
Sec. by U. S. Government obligations.....	1,501,503
Other bills discounted.....	18,801,741
Total bills discounted.....	\$ 20,303,244
Bills bought in open market.....	891,354
U. S. Government securities:	
Bonds.....	11,356,100
Treasury notes.....	8,500,500
Certificates and bills.....	34,859,500
Total U. S. Government securities.....	54,716,100
Other securities.....	75,910,698
Total bills and securities.....	130,626,848
Due from foreign banks.....	107,452
F. R. notes of other banks.....	889,800
Uncollected items.....	17,272,402
Bank premises.....	3,649,238
All other resources.....	914,394
TOTAL RESOURCES.....	\$181,148,803

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 533, State Banks 64. Total 597.

DIRECTORS

CLASS A:—R. E. HARDING (1933), Ft. Worth, Tex.; J. P. WILLIAMS (1932), Mineral Wells, Tex.; W. H. PATRICK (1934), Clarendon, Tex.

CLASS B:—A. S. CLEVELAND (1934), Houston, Texas; J. R. MILAM (1933), Waco, Texas; J. J. CULBERTSON (1932), Paris, Texas.

CLASS C:—C. C. WALSH (1934), *Chairman of Board and Federal Reserve Agent*; S. B. PERKINS (1933), *Deputy Chairman of Board*, Dallas; E. R. BROWN (1932), Dallas.

OFFICERS

C. C. WALSH, *Chairman of Board and Federal Reserve Agent*, CHAS. C. HALL, *Assistant Federal Reserve Agent and Secretary*; W. J. EVANS, *Assistant Federal Reserve Agent*; B. A. MCKINNEY, *Governor*; R. R. GILBERT, *Deputy Governor*; R. B. COLEMAN, *Deputy Governor*; FRED HARRIS, *Cashier*; W. O. FORD, *Assistant Deputy Governor*; E. B. AUSTIN, *Assistant Cashier*; L. G. PONDROM, *Assistant Cashier*; R. O. WEBB, *Assistant Cashier*; W. P. CLARKE, *General Auditor*; C. C. TRUE, *Assistant Auditor*; C. C. HUFF, *General Counsel*; LOCKE, LOCKE, STROUD and RANDOLPH, *Counsel*.

J. H. FROST, *Member Federal Advisory Council*, San Antonio, Tex.

EL PASO BRANCH. (Transit Number 88-1)

J. L. HERMANN, *Managing Director*; ALLEN SAYLES, *Cashier*.

DIRECTORS

J. L. HERMANN, E. M. HURD, A. P. COLES, C. M. NEWMAN, and SAM D. YOUNG, El Paso; A. F. JONES, Portales, N. Mex.; S. P. APPLEWHITE, Douglas, Ariz.

HOUSTON BRANCH. (Transit Number 35-4)

W. D. GENTRY, *Managing Director*; C. B. MENDEL, *Cashier*; H. R. De MOSS, *Assistant Cashier*.

DIRECTORS

W. D. GENTRY, JOHN A. WILKINS, N. E. MEADOR, R. M. FARRAR and E. A. PEDEN, Houston; J. C. WILSON, Beaumont; A. A. HORNE, Galveston.

SAN ANTONIO BRANCH. (Transit Number 30-72)

M. CRUMP, *Managing Director*; W. E. EAGLE, *Cashier*; H. K. DAVIS, *Assistant Cashier*.

DIRECTORS

M. CRUMP, FRANZ C. GROOS, J. M. BENNETT, WALTER P. NAPIER, FRANK M. LEWIS, San Antonio; FRANK G. CROW, McAllen, and GEORGE C. HOLLIS, Eagle Pass.

(Statement of June 30, 1932)

LIABILITIES	
F. R. Notes in actual circulation.....	\$ 36,761,000
Deposits:	
Member banks—reserve account.....	47,846,000
Government.....	364,000
Foreign banks.....	235,000
Other deposits.....	294,000
Total deposits.....	\$ 48,739,000
Deferred availability items.....	9,382,000
Capital paid in.....	3,936,000
Surplus.....	7,624,000
All other liabilities.....	2,408,000
TOTAL LIABILITIES.....	\$108,850,000

RESOURCES	
Gold with Federal Reserve Agent.....	\$ 30,535,000
Gold redemption fund with U. S. Treasury.....	909,000
Gold held exclusively against F. R. notes.....	31,444,000
Gold settlement fund with F. R. Board.....	5,395,000
Gold and gold certificates held by bank.....	4,176,000
Total gold reserves.....	41,015,000
Reserves other than gold.....	9,422,000
Total reserve.....	\$ 50,437,000
Non-reserve cash.....	3,569,000
Bills discounted:	
Sec. by U. S. Government obligations.....	1,077,000
Other bills discounted.....	10,307,000
Total bills discounted.....	11,384,000
Bills bought in open market.....	930,000
U. S. Government securities:	
Bonds.....	14,047,000
Treasury Notes.....	3,049,000
Certificates and bills.....	12,500,000
Total U. S. Government securities.....	29,596,000
Total bills and securities.....	41,910,000
Due from Foreign Banks.....	102,000
Uncollected items.....	9,559,000
F. R. notes of other banks.....	263,000
Bank premises.....	1,787,000
All other resources.....	1,232,000
TOTAL RESOURCES.....	\$108,850,000

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 408; State Banks 90.

Non-member Banks 525; Total number of banks in District 12, 1008.

DIRECTORS

CLASS A:—C. K. MCINTOSH (1934), San Francisco, Calif., T. H. RAMSAY (1932), Red Bluff, Calif., KEITH POWELL (1933), Woodburn, Ore.

CLASS B:—E. H. COX (1934), Madera, Calif.; A. B. C. DOHRMANN (1932), San Francisco, Calif.; MALCOLM McNAGHTEN (1933), Los Angeles, Calif.

CLASS C:—WILLIAM SPROULE (1934), San Francisco, Calif.; ISAAC B. NEWTON (1932), Los Angeles, Calif. Chairman of Board, WALTON N. MOORE (1933), San Francisco, Calif., Deputy Chairman of Board.

Member of Federal Advisory Council, HENRY M. ROBINSON, Los Angeles, Calif.

OFFICERS

JNO. U. CALKINS, Governor.

WM. A. DAY, Deputy Governor.

IRA CLERK, Deputy Governor

W. M. HALE, Cashier.

CHESTER D. PHILLIPS, Assistant Cashier.

C. E. EARHART, Assistant Cashier.

H. N. MANGELS, Assistant Cashier.

E. C. MAILLIARD, Assistant Cashier.

J. M. OSMER, Assistant Cashier

F. H. HOLMAN, General Auditor.

FEDERAL RESERVE AGENT.

ISAAC B. NEWTON, Federal Reserve Agent.

S. G. SARGENT, Assistant Federal Reserve Agent, Chief Examiner and Secretary.

OLIVER P. WHEELER, Assistant Federal Reserve Agent.

ALBERT C. AGNEW, Counsel.

LOS ANGELES BRANCH, (Transit Number 16-16)

(10th and Olive Sts.)

W. N. AMBROSE, Managing Director; M. McRITCHIE, Assistant Manager; F. C. BOLD, Assistant Cashier; L. C. MEYER, Assistant Cashier.

DIRECTORS

F. J. BELCHER, Jr., A. J. CRUICKSHANK, C. B. VOORHIS, J. B. ALEXANDER, Chairman.

PORTLAND BRANCH, (Transit Number 24-1)

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

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

DIRECTORS

J. C. AINSWORTH, RICHARD S. SMITH, EDWARD C. PEASE, Chairman.

SALT LAKE CITY BRANCH, (Transit Number 31-31)

(Cor. South Temple and East State St.)

W. L. PARTNER, Managing Director; H. M. CRAFT, Assistant Manager; W. M. SMOOT, Assistant Cashier.

DIRECTORS

H. E. HEMINGWAY, E. O. HOWARD, LAFAYETTE HANCHETT, G. G. WRIGHT, Chairman.

SEATTLE BRANCH, (Transit Number 19-1)

(2nd Avenue and Spring St.)

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

DIRECTORS

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

SPOKANE BRANCH, (Transit Number 28-1)

(Post St. and Main Ave.)

D. L. DAVIS, Managing Director; JOS. M. LEISNER, Assistant Manager; A. J. DUMM, Assistant Cashier.

DIRECTORS

D. W. TWOHY, R. M. HARDY, G. I. TOEVS, PETER MCGREGOR, Chairman.

(Statement of June 29, 1932)

LIABILITIES

F. R. notes in actual circulation	\$236,337,000
Deposits:	
Member bank—reserve account	145,830,000
Government	126,000
Foreign banks	573,000
Other Deposits	5,102,000
Total deposits	151,631,000
Deferred availability items	17,730,000
Capital paid in	10,782,000
Surplus	17,707,000
All other liabilities	2,607,000
TOTAL LIABILITIES	\$436,794,000

RESOURCES

Gold with Federal Reserve Agent	\$143,763,000
Gold redemption fund with U. S. Treasury	7,213,000
Gold held exclusively against F. R. notes	150,976,000
Gold settlement fund with F. R. Board	31,936,000
Gold and gold certificates held by bank	18,983,000
Total Gold Reserves	201,895,000
Reserves other than gold	9,464,000
Total Reserves	\$ 211,359,000
Non-reserve cash	5,699,000
Bills discounted:	
Secured by U. S. Government obligations	29,189,000
Other bills discounted	51,071,000
Total bills discounted	80,260,000
Bills bought in open market	8,849,000
U. S. Government securities:	
Bonds	22,026,000
Treasury notes	16,593,000
Certificates and bills	68,023,000
Total U. S. Government securities	106,642,000
Total bills and securities	195,751,000
Due from Foreign Banks	256,000
Federal Reserve Notes on other banks	1,592,000
Uncollected items	16,585,000
Bank premises	4,433,000
All other resources	1,119,000
TOTAL RESOURCES	\$ 436,794,000

FEDERAL FARM LOAN BOARD

WASHINGTON, D. C.

OGDEN L. MILLS, *Secretary of the Treasury, Chairman ex officio*JOHN H. GUILL PAUL BESTOR, *Farm Loan Commissioner*

L. J. PETTIJOHN

A. C. WILLIAMS

FRANKLIN D. VAN SANT, *Secretary*

JAMES B. MADISON

VULOSKO VAIDEN

PEYTON R. EVANS,

General Counsel

FEDERAL LAND BANKS

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

WM. H. BROWNING, Jr., *Farm Loan Registrar.*

TERRITORY IN DISTRICT—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, and New Jersey.

CAPITAL, \$9,700,585.00.

OFFICERS—EDWARD H. THOMSON, *President*, W. W. PORTER, *Vice-President*, HAROLD P. PERKINS, *Secretary*, MACDONALD G. NEWCOMB, *Vice-President and Treasurer*, O. D. ROATS, *General Counsel*.

DIRECTORS—EDWARD H. THOMSON, D. C. CULVER, W. W. PORTER, E. H. FORBUSH, W. I. TOMLINSON, EDWARD R. EASTMAN, FRANK I. COWAN.

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

HOWARD RITTER, *Farm Loan Registrar.*

TERRITORY IN DISTRICT—Pennsylvania, Delaware, Maryland, Virginia, West Virginia, District of Columbia, and Puerto Rico.

CAPITAL, \$10,526,345.00.

OFFICERS—CHAS. S. JACKSON, *President*, D. G. HARRY, *Vice-President*, E. P. CRIDER, *Secretary*, HORACE S. WYNN, *Vice-President and Treasurer*, I. P. WHITEHEAD, *General Counsel*.

DIRECTORS—D. G. HARRY, JOHN H. MURRAY, JOHN H. JOHNSON, THOMAS W. OZLIN, GEORGE P. ALDERSON, GEORGE M. FISHER, CHAS. S. JACKSON.

DISTRICT No. 3—Bank Located at Columbia, S. C.

R. J. TIGHE, *Farm Loan Registrar.*

TERRITORY IN DISTRICT—North Carolina, South Carolina, Georgia, and Florida. CAPITAL, \$16,146,565.00.

OFFICERS—FRANK H. DANIEL, *President*, L. I. GUION, *Vice-President*, RUFUS R. CLARKE, *Secretary*, A. B. MERRITT, *Vice-President and Treasurer*, HARRY D. REED, *General Counsel*.

DIRECTORS—FRANK H. DANIEL, L. I. GUION, R. C. GARY, C. E. VANCE, JAS. T. ANDERSON, T. H. TUTEN.

DISTRICT No. 4—Bank Located at Louisville, Ky.

ERNEST E. REARDON, *Farm Loan Registrar.*

TERRITORY IN DISTRICT—Ohio, Indiana, Kentucky, and Tennessee. CAPITAL, \$14,828,660.00.

OFFICERS—A. G. BROWN, *President*, A. P. SANDLES, *Vice-President*, RALPH G. SAMS, *Vice-President and Secretary*, WM. C. HOUSTON, Jr., *Vice-President and Treasurer*, ROGER D. BRANIGAN, *General Counsel*.

DIRECTORS—A. G. BROWN, M. S. KENNEDY, Jr., FRANK D. RASH, L. B. CLORE, ERNEST RICE, FRED D. COPPOCK, A. P. SANDLES.

DISTRICT No. 5—Bank Located at New Orleans, La.

C. R. FAY, *Farm Loan Registrar.*

TERRITORY IN DISTRICT—Alabama, Mississippi, and Louisiana. CAPITAL, \$18,596,940.00.

OFFICERS—R. B. CLARK, *President*, R. T. GOODWYN, *Vice-President*, EDWARD B. GREEN, *Vice-President*, J. V. DeGRUY, *Vice-President and Treasurer*, M. H. MOORE, *Secretary*, J. M. THOMAS, *General Counsel*.

DIRECTORS—GERMAN BAKER, R. T. GOODWYN, L. O. CROSBY, A. A. LeJEUNE, TIP RAY, A. H. STONE, W. T. NEAL.

DISTRICT No. 6—Bank Located at St. Louis, Mo.

WILLIAM R. CAMPBELL, *Farm Loan Registrar.*

TERRITORY IN DISTRICT—Illinois, Missouri, and Arkansas. CAPITAL, \$15,323,260.00.

OFFICERS—WOOD NETHERLAND, *President*, O. J. LLOYD, *Vice-Pres. and Secretary*, W. H. LAND, *Vice-President and Treasurer*, W. H. DROSTE, *Assistant Treasurer*, C. S. HALE, *General Counsel*.

DIRECTORS—WOOD NETHERLAND, E. C. COULTER, C. E. HOPKINS, W. W. MARTIN, A. P. PATTON, L. M. SMITH, JOHN REEVES.

DISTRICT No. 7—Bank Located at St. Paul, Minn.

H. C. LIBBY, *Farm Loan Registrar.*

TERRITORY IN DISTRICT—Michigan, Wisconsin, Minnesota, and North Dakota. CAPITAL, \$25,344,045.00.

OFFICERS—F. H. KLAWON, *President*, SAMUEL TORGERSOON, *Vice-President*, FRANK C. WANEK, *Vice-President and Secretary*, GEORGE S. GORDHAMER, *Vice-President and Treasurer*, JOHN THORPE, *General Counsel*.

DIRECTORS—F. H. KLAWON, SAM A. RASK, SAMUEL TORGERSOON, FRANK R. COIT, JOHN C. SMITH, GOTTFRID S. JOHNSON, CHAS. E. PARKER.

DISTRICT No. 8—Bank Located at Omaha, Neb.

S. H. BLACKWELL, *Farm Loan Registrar.*

TERRITORY IN DISTRICT—Iowa, Nebraska, South Dakota, and Wyoming. CAPITAL, \$18,874,195.00.

OFFICERS—D. P. HOGAN, *President*, JOHN CARMODY, *Vice-Pres. and Secretary*, ANDREW KOPPERUD, *2nd Vice-Pres. and Treasurer*, T. C. HORNBY, *3rd Vice-President*, HARVEY M. JOHNSON, *General Counsel*.

DIRECTORS—D. P. HOGAN, A. M. HASKELL, A. O. HAUGE, E. A. BURNETT, P. F. LUCHSINGER, J. C. UNDERWOOD, FLETCHER ALGUIRE.

DISTRICT No. 9—Bank Located at Wichita, Kas.

ORAN LAYTON, *Farm Loan Registrar.*

TERRITORY IN DISTRICT—Oklahoma, Kansas, Colorado, and New Mexico. CAPITAL, \$11,995,765.00.

OFFICERS—JOHN FIELDS, *President*, W. E. FISHER, *Vice-President and Secretary*, A. N. ROCHESTER, *Vice-President and Treasurer*, W. E. PEPPERELL, *Vice-President and General Counsel*.

DIRECTORS—JOHN FIELDS, F. M. WILSON, W. H. MOTT, L. E. CALL, OLIVER M. LEE, P. O. WELLS, J. A. CARNES.

DISTRICT No. 10—Bank Located at Houston, Tex.

HENRY R. TULL, *Farm Loan Registrar.*

TERRITORY IN DISTRICT—The State of Texas. CAPITAL, \$18,182,875.00.

OFFICERS—M. H. GOSSETT, *President*, JOHN VAN DeMARK, *Vice-President and Secretary*, R. D. JOHNSON, *Vice-President and Treasurer*, LEWIS ROGERS, *General Attorney*.DIRECTORS—S. A. LINDSEY, *Ch. of Bd.*, M. H. GOSSETT, RALPH H. HARRIS, R. S. RODGERS, W. C. HURST, ROY C. ARCHER.

DISTRICT No. 11—Bank Located at Berkeley, Calif.

F. S. BALDWIN, *Farm Loan Registrar.*

TERRITORY IN DISTRICT—California, Nevada, Utah, and Arizona. CAPITAL, \$10,213,304.25.

OFFICERS—W. D. ELLIS, *President*, JOHN T. WILSON, *Vice-President*, R. T. EVANS, *Vice-President*, WALTER C. DEAN, *Secretary*, CHARLES PARKER, *Treasurer*, RICHARD W. YOUNG, *General Counsel*.

DIRECTORS—W. D. ELLIS, JOHN T. WILSON, WILLIAM GOULD, W. M. HOWELL, R. L. ADAMS, WM. RAYMOND.

DISTRICT No. 12—Bank Located at Spokane, Wash.

E. M. WATSON, *Farm Loan Registrar.*

TERRITORY IN DISTRICT—Washington, Oregon, Montana, and Idaho. CAPITAL, \$20,129,055.00.

OFFICERS—E. M. EHRHARDT, *President*, W. S. McCORMACK, *Vice-President*, M. B. HAMPTON, *2nd Vice-President*, HENRY MATTHEW, *Secretary*, O. H. JONOD, *Treasurer*, DANA E. BRINCK, *General Counsel*.DIRECTORS—R. E. SHEPHERD, *Ch. of Bd.*, E. M. EHRHARDT, W. S. McCORMACK, PETER THOMPSON, B. D. THOMPSON, A. S. GOSS, D. N. MACKAY.



FEDERAL INTERMEDIATE CREDIT BANKS

THE location of and district served by each of the twelve Federal intermediate credit banks are the same as those of the Federal land banks, and the officers and directors of the Federal land banks are ex officio officers and directors of the Federal intermediate credit banks. The authorized capital of each Federal intermediate credit bank is \$5,000,000, or a total of \$60,000,000 for the twelve banks, all of which was subscribed by the Secretary of the Treasury on behalf of the United States. Of the subscribed capital, \$30,000,000, has been paid in, and the balance, \$30,000,000, is subject to call in whole or in part by the directors of the banks, with the approval of the Federal Farm Loan Board, on 30 days' notice to the Secretary of the Treasury. The present paid-in capital of each of the banks is \$2,000,000, except in the case of the Federal Intermediate Credit Bank of Columbia and the Federal Intermediate Credit Bank of Berkely, each of which has a paid-in capital of \$5,000,000.

For officers and statements of these banks, see their listings in regular bank list under state and town in which located.

Joint Stock Land Banks.

No.	Chartered	Title	Location	States in which operating
58.	8-21-22.	The First Joint Stock Land Bank of Montgomery	Montgomery, Ala.	Ala. & Ga.
81.	2-20-26.	The Southwest Joint Stock Land Bank of Little Rock	Little Rock, Ark.	Ark. & Texas
26.	9-19-19.	The California Joint Stock Land Bank of San Francisco	San Francisco, Cal.	Cal. & Ore.
84.	3-20-31.	The Corn Belt Joint Stock Land Bank of Taylorville	Taylorville, Ill.	Ill. & Ia.
49.	5-29-22.	The Pacific Coast Joint Stock Land Bank of San Francisco	San Francisco, Cal.	Cal. & Ariz.
38.	4-18-22.	The Denver Joint Stock Land Bank of Denver	Denver, Colo.	Colo. & Wyo.
60.	9-23-22.	The Atlanta Joint Stock Land Bank of Atlanta	Atlanta, Ga.	Ga. & Ala.
4.	7-25-17.	Chicago Joint Stock Land Bank of Chicago	Chicago, Ill.	Ill. & Iowa
33.	2-24-22.	The First Trust Joint Stock Land Bank of Chicago	Chicago, Ill.	Ill. & Iowa
55.	7-25-22.	The Illinois Midwest Joint Stock Land Bank of Edwardsville ...	Edwardsville, Ill.	Ill. & Mo.
12.	1-24-19.	The Illinois Joint Stock Land Bank of Monticello	Monticello, Ill.	Ill. & Iowa
10.	12-20-18.	The First Joint Stock Land Bank of Ft. Wayne	Ft. Wayne, Ind.	Ind. & Ohio
3.	6-28-17.	The Fletcher Joint Stock Land Bank of Indianapolis	Indianapolis, Ind.	Ind. & Ill.
83.	9-11-26.	The Indianapolis Joint Stock Land Bank of Indianapolis	Indianapolis, Ind.	Ind. & Ohio
82.	3- 2-26.	The Union Trust Joint Stock Land Bank of Indianapolis	Indianapolis, Ind.	Ind. & Ohio
27.	10- 1-19.	The Lafayette Joint Stock Land Bank of Lafayette	Lafayette, Ind.	Ind. & Ill.
72.	1-11-23.	The Burlington Joint Stock Land Bank of Des Moines	Des Moines, Ia.	Ia. & Ill.
15.	4-22-19.	The Des Moines Joint Stock Land Bank of Des Moines	Des Moines, Ia.	Iowa & Minn.
1.	4-24-17.	The Iowa Joint Stock Land Bank of Sioux City	Sioux City, Ia.	Ia. & S. D.
35.	4- 4-22.	The Kentucky Joint Stock Land Bank of Lexington	Lexington, Ky.	Ky. & Ohio
43.	5- 1-22.	The Louisville Joint Stock Land Bank of Louisville	Louisville, Ky.	Ky. & Ind.
62.	10- 3-22.	The Union Joint Stock Land Bank of Louisville	Louisville, Ky.	Ky. & Tenn.
36.	4-10-22.	The First Joint Stock Land Bank of New Orleans	New Orleans, La.	La. & Miss.
76.	4- 7-23.	The Maryland-Virginia Joint Stock Land Bank of Baltimore ...	Baltimore, Md.	Md. & Va.
79.	5- 9-23.	The Union Joint Stock Land Bank of Detroit	Detroit, Mich.	Mich. & Ohio
41.	5- 2-22.	The Minneapolis-Trust Joint Stock Land Bank of Minneapolis .	Minneapolis, Minn.	Minn. & N. D.
14.	4-17-19.	The Fremont Joint Stock Land Bank of Fremont	Lincoln, Nebr.	Nebr. & Iowa
8.	7-12-18.	The Lincoln Joint Stock Land Bank of Lincoln	Lincoln, Nebr.	Nebr. & Iowa
40.	5- 2-22.	The New York Joint Stock Land Bank of Rochester	Rochester, N. Y.	N. Y. & N. J.
20.	6-11-19.	The Virginia-Carolina Joint Stock Land Bank of Norfolk	Elizabeth City, N. C.	N. C. & Va.
52.	7- 5-22.	The North Carolina Joint Stock Land Bank of Durham	Durham, N. C.	N. C. & Va.
57.	8-18-22.	The Greensboro Joint Stock Land Bank of Greensboro	Greensboro, N. C.	N. C. & Tenn.
51.	6- 6-22.	The Atlantic Joint Stock Land Bank of Raleigh	Raleigh, N. C.	N. C. & S. C.
45.	5-12-22.	The Oregon-Washington Joint Stock Land Bank of Portland ...	Portland, Ore.	Ore. & Wash.
47.	5-29-22.	The Pacific Coast Joint Stock Land Bank of Portland	Portland, Ore.	Ore. & Wash.
68.	11-14-22.	The Pennsylvania Joint Stock Land Bank of Philadelphia	Philadelphia, Pa.	Pa. & N. Y.
85.	6- 1-31.	Phoenix Joint Stock Land Bank of Kansas City	Kansas City, Mo.	Kan. & Mo.
39.	4-24-22.	The First Carolinas Joint Stock Land Bank of Columbia	Columbia, S. C.	S. C. & N. C.
6.	6-22-18.	The Mississippi Joint Stock Land Bank of Memphis	Memphis, Tenn.	Tenn. & Miss.
7.	6-22-18.	The Tennessee Joint Stock Land Bank of Memphis	Memphis, Tenn.	Tenn. & Ark.
22.	7- 3-19.	The Dallas Joint Stock Land Bank of Dallas	Dallas, Texas	Texas & Okla.
16.	4-23-19.	The First Texas Joint Stock Land Bank of Houston	Houston, Texas	Texas & Okla.
25.	9-15-19.	The San Antonio Joint Stock Land Bank of San Antonio	San Antonio, Texas	Texas & Okla.
48.	5-29-22.	The Pacific Coast Joint Stock Land Bank of Salt Lake City	Salt Lake City, Utah	Utah & Idaho
78.	5- 2-23.	The Potomac Joint Stock Land Bank of Alexandria	Washington, D. C.	Va. & Md.
2.	5- 7-17.	The Virginian Joint Stock Land Bank of Charleston	Charleston, W. Va.	W. Va. & Ohio
69.	12- 7-22.	The Greenbrier Joint Stock Land Bank of Lewisburg	Charleston, W. Va.	W. Va. & Va.

CLEARING HOUSES IN THE UNITED STATES

This compilation of deposits in the cities having Clearing Houses gives total deposits of all banks and will be a valuable reference for comparisons.

CITY	July, 1931 Deposits	January, 1932 Deposits	July, 1932 Deposits	CITY	July, 1931 Deposits	January, 1932 Deposits	July, 1932 Deposits
Aberdeen, S. D.	\$ 6,519,770	\$ 5,455,210	\$ 4,857,680	Evanston, Ill.	\$ 20,157,610	\$ 17,472,540	\$ 13,222,180
Abilene, Texas	6,811,520	4,913,660	4,471,180	Fairfield, Iowa	4,348,690	4,029,190	2,764,330
Adrian, Mich.	7,339,310	6,148,930	5,226,960	Fall River, Mass.	76,388,440	72,385,990	70,494,220
Akron, Ohio	88,834,480	64,185,150	55,255,890	Fargo, N. D.	17,273,540	15,622,170	14,476,490
Alameda, Calif.	436,820	576,120	576,120	Faribault, Minn.	4,444,040	4,117,520	3,575,220
Albany, Ga.	2,654,120	2,654,320	2,187,710	Fergus Falls, Minn.	5,520,960	4,080,220	4,099,750
Albany, N. Y.	348,353,720	317,318,000	359,409,880	Flint, Mich.	50,431,190	42,124,550	36,660,590
Albert Lea, Minn.	3,469,400	3,067,800	2,843,940	Fort Dodge, Iowa	6,178,710	4,861,600	3,590,460
Alhambra, Calif.	3,010,470	2,297,590		Fort Wayne, Ind.	56,994,570	46,317,910	35,329,150
Allentown, Pa.	40,490,690	35,837,380	27,219,940	Fort Worth, Texas	74,243,430	61,371,240	57,996,670
Alloua, Pa.	10,944,120	9,471,070	8,679,700	Franklin, Md.	10,946,510	10,787,670	9,493,730
Amarillo, Texas	17,975,560	15,389,330	11,668,210	Fremont, Neb.	32,921,250	18,912,520	18,297,880
Ames, Iowa	3,104,730	2,631,200	2,638,180	Fresno, Calif.	3,889,480	3,519,800	3,003,700
Anaheim, Calif.	2,126,880	708,450	1,456,090	Fullerton, Calif.	1,172,880	1,198,150	1,198,150
Ann Arbor, Mich.	17,306,880	16,023,720	16,089,970	Galveston, Texas	32,415,130	28,988,530	25,471,680
Annonis, Ala.	5,736,010	5,850,950	4,744,420	Gastonia, N. C.	4,037,600	3,311,080	2,068,760
Ardmore, Okla.	5,267,230	4,988,590	4,569,390	Glendale, Calif.	2,072,060	1,867,770	1,270,890
Arkansas City, Kan.	3,251,030	3,194,870	2,750,000	Grand Forks, N. D.	7,001,090	6,470,930	5,739,480
Asbury Park, N. J.	16,346,930	3,754,150	4,002,430	Grand Island, Neb.	6,786,390	6,011,240	5,725,580
Asheville, N. C.	3,417,350	3,041,430	2,919,200	Grand Rapids, Mich.	80,206,560	68,354,280	60,763,680
Atchison, Kan.	4,359,060	3,894,220	3,385,790	Great Falls, Mont.	14,975,880	13,224,260	10,017,370
*Atlanta, Ga.	118,124,920	104,313,850	97,638,440	Green Bay, Wis.	11,920,060	12,313,230	11,589,380
Atlantic City, N. J.	49,982,040	39,104,360	33,569,080	Greenville, Miss.	3,613,820	3,426,250	3,058,610
Augusta, Ga.	12,122,780	11,646,630	9,020,590	Greenville, S. C.	6,794,560	6,016,030	5,970,310
Aurora, Ill.	13,882,090	10,834,750	5,183,240	Greenwood, Miss.	2,882,470	2,515,030	2,318,250
Austin, Texas	24,606,100	21,613,780	20,986,110	Griffin, Ga.		2,039,770	1,698,820
Bakersfield, Calif.	2,022,570	2,001,120	1,921,790	Guthrie, Okla.	3,898,040	3,540,730	3,470,250
*Baltimore, Md.	599,199,050	546,965,860	532,998,510	Hagerstown, Md.	18,784,130	13,136,940	11,641,230
Bangor, Me.	49,566,360	45,752,620	43,615,060	Hamilton, Ohio	13,031,670	11,527,630	10,489,210
Bartlesville, Okla.	9,368,420	7,602,650	7,996,790	Hannibal, Mo.	3,990,220	4,020,120	3,480,810
Baton Rouge, La.			12,922,380	Harrisburg, Pa.	41,961,790	36,501,920	30,701,170
Battle Creek, Mich.	32,073,360	28,794,300	24,664,520	Hartford, Conn.	272,974,800	238,487,890	227,077,910
Beaumont, Texas	23,188,080	17,944,880	15,831,090	Hattiesburg, Miss.	6,335,090	5,044,800	4,742,950
Bellingham, Wash.	9,756,520	8,899,420	8,259,730	Hazleton, Pa.	29,860,810	28,413,840	27,344,020
Beloit, Wis.	12,307,550	10,387,430	9,161,210	*Helena, Mont.	13,144,160	11,972,340	9,744,080
Bemidji, Minn.	2,005,280	1,927,270	1,582,540	Henderson, Ky.	4,500,970	2,578,250	2,310,390
Berkeley, Calif.				Hibbing, Minn.	4,489,840	4,356,150	4,124,150
Bethlehem, Pa.	24,329,270	22,764,950	16,020,640	Hollywood, Calif.	2,051,460	1,934,480	1,538,010
Billings, Mont.	8,217,170	6,548,630	5,780,120	Holyoke, Mass.	60,876,670	59,718,470	55,755,090
Binghamton, N. Y.	50,775,690	45,887,210	41,887,420	Hot Sp. N. Park, Ark.	6,338,560	3,790,110	3,791,540
*Birmingham, Ala.	74,807,000	66,844,050	53,990,560	*Houston, Texas	158,843,940	145,475,900	138,766,780
Bloomington, Ill.	15,116,860	13,603,660	11,445,010	Huntington, W. Va.	15,506,820	14,023,100	11,998,860
Bogalusa, La.	1,922,750	1,901,610	1,874,400	Huntington Park, Calif.	1,352,160	1,184,170	1,027,330
Boise, Idaho	15,711,360	15,323,290	12,588,440	*Hutchinson, Kan.	7,893,940	6,502,940	6,073,460
Boone, Iowa	5,361,910	4,457,280	3,950,630	Independence, Mo.	3,633,020	3,305,880	3,402,210
*Boston, Mass.	1,826,618,730	1,629,714,210	1,577,354,750	*Indianapolis, Ind.	156,993,560	149,694,190	143,196,370
Bowling Green, Ky.	3,082,670	2,729,470	2,314,350	Jackson, Mich.	18,820,110	14,435,850	12,687,360
Bristol, Tenn., Va.	7,354,920	6,610,970	4,878,630	Jackson, Miss.	18,504,150	15,381,830	13,517,010
Brookfield, Mo.	1,008,810	922,090	856,630	*Jacksonville, Fla.	72,827,020	57,411,950	57,761,970
Brunswick, Ga.	2,851,210	2,533,360	2,096,390	Jacksonville, Ill.	8,982,100	8,667,990	7,583,030
*Buffalo, N. Y.	621,685,530	558,960,470	508,714,510	Jamestown, N. Y.	36,098,570	35,329,000	33,678,390
Burlington, Iowa			2,970,010	Johnstown, Pa.	40,573,280	38,839,070	33,105,630
Butler, Pa.	14,601,660	13,345,670	12,334,320	Joplin, Mo.	8,674,320	7,254,060	5,727,310
Cambridge, Mass.	134,323,090	130,737,960	105,382,920	Kalamazoo, Mich.	19,799,390	17,135,700	14,999,700
Camden, N. J.	75,096,920	70,837,070	60,261,010	*Kansas City, Kan.	27,032,290	22,859,245	21,380,010
Canton, Ohio	57,567,520	22,539,700	20,885,770	*Kansas City, Mo.	302,985,990	257,582,600	252,882,490
Cape Girardeau, Mo.	3,988,090	3,471,310	3,016,560	Knoxville, Tenn.	31,514,350	26,275,470	21,106,540
Carthage, Mo.	2,285,310	2,209,230	1,981,920	*LaCrosse, Wis.	14,999,610	14,148,180	11,109,030
Casper, Wyo.	7,898,080	7,410,070	6,301,570	La Fayette, Ind.	19,091,830	16,717,850	16,091,980
*Cedar Rapids, Iowa	41,746,210	28,966,580	27,139,690	Lancaster, Pa.	52,433,930	37,549,790	36,875,940
Champaign, Ill.	8,864,060	2,009,180	3,331,640	Lansing, Mich.	32,266,520	18,676,990	17,931,650
Charles City, Iowa	4,570,980	4,184,790	3,568,950	Larned, Kan.	1,436,010	1,439,480	1,124,280
Charleston, S. C.	68,397,370	40,336,900	33,056,910	LaSalle, Ill.	6,525,200	5,900,470	5,153,230
Charleston, W. Va.	37,944,360	37,010,220	35,475,370	Lawrence, Kan.	4,494,890	4,631,660	4,253,530
*Charlotte, N. C.	39,297,690	34,796,940	29,605,010	Leavenworth, Kan.	7,340,610	7,188,450	6,877,340
Chattanooga, Tenn.	47,849,110	42,920,050	39,014,220	Lebanon, Pa.	13,454,090	12,844,220	11,513,610
Chester, Pa.	27,609,900	23,369,160	21,397,400	Lexington, Ky.	22,471,710	22,837,410	19,122,880
Chester, S. C.	2,163,760	2,052,910	1,776,760	Liberal, Kan.	1,492,560	1,432,540	1,110,290
Cheyenne, Wyo.	7,455,590	6,623,030	5,367,390	Lima, Ohio	7,599,350	7,349,610	6,154,270
*Chicago, Ill.	2,244,402,370	2,137,659,485	1,625,116,370	Lincoln, Ill.	2,981,440	2,545,110	2,087,380
Chico, Calif.	5,841,010	4,126,360	3,934,220	*Lincoln, Neb.	29,182,950	23,743,870	22,524,710
Chino, Calif.				Little Falls, Minn.	2,892,180	2,961,960	2,811,100
*Cincinnati, Ohio	307,388,440	272,139,870	258,825,990	*Little Rock, Ark.	35,176,690	22,103,260	22,540,320
*Cleveland, Ohio	1,044,731,150	832,352,460	778,810,180	Long Beach, Calif.	53,673,217	45,494,508	38,715,230
Colorado Springs, Colo.	17,640,450	17,404,710	15,259,810	Lorain, Ohio	10,816,480	9,071,900	7,802,540
Columbia, S. C.	12,657,500	10,479,870	10,057,150	*Los Angeles, Calif.	871,782,110	776,962,120	723,948,580
Columbus, Ga.	13,188,100	12,370,820	10,996,330	*Louisville, Ky.	115,548,970	103,467,210	97,856,850
*Columbus, Ohio	119,849,520	96,926,620	87,550,720	Lowell, Mass.	89,437,550	78,408,990	72,527,230
Corsicana, Texas	7,392,570	6,625,490	5,607,820	Lynn, Mass.	87,232,970	83,771,840	79,281,760
Council Bluffs, Iowa	12,839,240	11,880,940	9,918,210	Macomb, Ill.		8,097,720	7,793,660
*Dallas, Texas	167,933,270	143,655,000	135,221,380	Macon, Ga.	9,069,440	26,624,270	21,576,010
Danville, Ill.	8,591,750	8,061,930	7,055,650	Madison, Wis.	32,844,350	71,452,120	70,222,680
Dayton, Ohio	54,570,050	26,107,780	26,819,670	Manchester, N. H.	72,836,740	1,937,910	1,696,020
Decatur, Ala.	5,822,720	4,610,870	4,312,010	Manitowoc, Wis.	8,691,360	8,042,620	7,442,930
Decatur, Ill.	14,743,680	13,042,860	11,579,700	Mankato, Minn.	11,413,100	10,334,470	8,793,430
Deer Lodge, Mont.	3,525,850	3,118,170	2,896,460	Mansfield, Ohio	12,631,450	7,296,820	10,653,150
*Denver, Colo.	158,318,420	141,934,840	131,550,540	Marion, Ind.		2,951,460	2,758,380
Derby, Conn.	13,309,860	13,252,080	12,708,210	Marion, Ohio	4,794,000	3,096,300	3,096,300
*Des Moines, Iowa	66,625,690	56,991,290	54,967,370	Martinsburg, W. Va.	6,861,600	6,546,410	5,886,930
*Detroit, Mich.	863,214,530	737,786,860	649,097,770	Medford, Ore.	4,901,710	4,656,390	2,849,620
Dickinson, N. D.	2,462,540	2,305,840	2,059,840	*Memphis, Tenn.	90,890,730	75,139,740	71,550,460
Dodge City, Kan.	2,092,680	1,862,670	1,498,200	Meridian, Miss.	7,833,740	7,109,490	6,796,670
Dothan, Ala.	3,237,040	2,500,820	2,413,480	Mexico, Mo.	1,994,730	1,756,550	1,595,640
Du Bois, Pa.	7,068,440	7,629,160	6,784,230	Miami, Fla.	26,232,700	20,903,990	20,489,170
*Dubuque, Iowa	20,299,060	13,683,530	5,089,540	Michigan City, Ind.	7,800,880	7,389,380	5,701,970
Duluth, Minn.	54,612,900	48,033,080	44,325,410	Milledgeville, Ga.	2,105,150	2,081,800	1,967,960
Dunkirk, N. Y.	9,509,670	8,756,050	8,000,300	*Milwaukee, Wis.	302,946,220	255,895,570	238,392,810
Elberton, Ga.	845,220	730,360	599,680	*Minneapolis, Minn.	357,329,910	321,921,480	294,475,510
Elkhart, Ind.	10,234,930	8,832,100	7,910,810	Minot, N. D.	5,616,540	5,089,310	4,659,300
*El Paso, Texas	25,502,720	16,522,910	14,494,420	Mobile, Ala.	30,290,123	28,803,870	25,486,760
Elwood City, Pa.	3,617,110	2,422,670	2,067,080	Modesto, Calif.	4,145,030	4,088,180	3,681,400
Elyria, Ohio	17,374,710	15,493,990	13,808,230	Moline, Ill.	24,622,960	19,873,910	14,544,780
Emporia, Kan.	4,195,130	4,178,260	4,012,360	Montclair, N. J.	38,303,080	36,153,460	33,457,660
Enid, Okla.	7,758,060	6,148,280	6,033,140	*Montgomery, Ala.	16,078,700	15,549,140	12,744,300
Erie, Pa.	62,252,880	52,714,500	45,406,600				
Eugene, Ore.	7,046,550	5,852,820	4,681,820				

CLEARING HOUSES IN THE UNITED STATES—Continued

CITY	July, 1931 Deposits	January, 1932 Deposits	July, 1932 Deposits	CITY	July, 1931 Deposits	January, 1932 Deposits	July, 1932 Deposits
Mt. Carmel, Pa.	\$ 8,104,050	\$ 7,837,390	\$ 6,679,210	•San Antonio, Texas	\$ 64,440,940	\$ 47,972,750	\$ 44,662,040
Muncie, Ind.	11,158,940	9,276,650	8,007,140	San Bernardino, Calif.	8,699,990	6,529,860	1,973,890
Muskegon, Mich.	17,139,660	13,213,000	11,376,170	San Diego, Calif.	44,067,140	42,017,800	40,985,950
•Muskegon, Okla.	11,081,180	10,492,150	9,863,570	•San Francisco, Calif.	2,026,271,950	1,824,693,180	1,688,066,950
•Nashville, Tenn.	80,556,890	70,173,910	64,258,620	San Jose, Calif.	9,162,870	10,298,680	8,859,510
Nebraska City, Neb.	2,589,940	2,282,450	1,982,560	San Pedro, Calif.	4,539,390	4,301,680	3,502,240
New Albany, Ind.	10,800,870	7,233,630	6,590,890	Santa Barbara, Calif.	9,806,730	9,512,570	8,295,080
New Albany, Miss.	1,140,530	951,650	808,740	Santa Cruz, Calif.	5,675,420	5,528,950	5,496,940
•Newark, N. J.	435,111,320	433,641,510	377,409,590	Santa Monica, Calif.	1,692,350	824,620	721,810
Newark, Ohio	16,464,910	15,370,470	14,053,870	Santa Rosa, Calif.	3,528,140	3,551,470	3,320,100
New Bedford, Mass.	86,530,550	81,369,100	74,188,750	Sarasota, Fla.	2,330,610	2,243,460	1,985,520
New Brighton, Pa.	2,745,570	2,572,600	2,337,220	•Savannah, Ga.	87,957,290	72,591,960	68,538,560
New Castle, Pa.	15,985,850	14,630,920	13,943,530	Scranton, Pa.	115,351,740	95,814,990	90,199,230
•New Haven, Conn.	174,023,500	164,150,960	141,203,680	•Seattle, Wash.	223,779,640	197,664,820	183,199,050
New Kensington, Pa.	10,582,800	9,673,600	7,871,670	Sedalia, Mo.	5,035,000	2,045,270	1,215,660
New London, Conn.		45,548,120	44,947,520	Shamokin, Pa.	13,101,950	12,154,400	10,857,350
Newnan, Ga.	1,383,630	1,325,050	1,176,960	Sheboygan, Wis.	19,320,570	18,437,670	17,650,900
•New Orleans, La.	243,254,500	202,984,310	192,525,560	•Sioux City, Iowa	30,639,390	25,615,780	21,879,570
Newport News, Va.	13,523,820	9,307,850	11,421,130	Sioux Falls, S. D.	13,308,070	11,931,210	10,330,290
New Rochelle, N. Y.	37,871,560	37,132,360	31,257,340	South Bend, Ind.	19,870,220	19,874,470	17,384,800
•New York, N. Y.	14,491,520,880	12,531,550,890	11,804,745,390	South St. Paul, Minn.	6,291,420	6,124,830	4,638,780
Niagara Falls, N. Y.	38,797,680	34,572,100	29,340,500	Spartanburg, S. C.	9,092,190	7,502,730	4,441,680
Norfolk, Va.	55,920,060	49,831,060	47,245,930	•Spokane, Wash.	65,636,130	54,676,470	29,249,030
Norristown, Pa.	20,199,690	20,499,100	16,903,150	Springfield, Ill.	29,987,300	26,256,220	24,127,350
•Northern New Jersey City, N. Y.				Springfield, Mass.	172,492,750	161,745,630	152,779,700
•Oakland, Calif.	78,184,560	75,852,280	74,420,260	Springfield, Mo.	16,509,000	13,196,530	10,891,260
•Ogden, Utah	22,242,670	14,136,840	11,137,520	Springfield, Ohio	17,947,040	15,795,330	14,198,150
Oil City, Pa.	18,306,390	16,755,900	16,086,370	Stamford, Conn.	45,596,080	45,449,020	43,404,260
•Oklahoma City, Okla.	88,913,410	70,324,630	72,232,170	Sterling, Ill.	5,276,460	4,570,170	3,730,410
•Omaha, Neb.	115,216,480	88,012,700	79,496,790	Steubenville, Ohio	18,033,500	13,528,730	11,440,290
Orange, N. J.	27,182,910	26,795,360	26,210,930	Stockton, Calif.	13,158,030	14,590,810	13,602,580
Oshkosh, Wis.	17,590,160	16,060,130	14,642,130	Sumter, S. C.	2,669,500	1,562,610	1,325,250
Palestine, Texas	2,819,420	2,710,660	2,231,250	Superior, Wis.	11,079,940	9,468,070	8,829,910
Parsons, Kan.	2,470,170	2,593,510	2,318,950	Syracuse, N. Y.	219,118,200	198,918,280	187,850,970
•Pasadena, Calif.	27,949,630	24,862,087	21,988,570	Tacoma, Wash.	23,310,150	19,821,300	15,493,790
Passaic, N. J.	50,779,120	46,670,430	41,348,360	Tampa, Fla.	30,256,060	26,140,080	26,263,630
Paterson, N. J.	134,075,100	125,667,300	113,913,330	Terre Haute, Ind.	30,057,740	25,301,340	23,153,180
•Peoria, Ill.	44,119,700	38,169,290	35,996,000	Texarkana, Ark.-Tex.	14,683,970	12,721,080	10,403,670
Petersburg, Va.	8,201,620	8,480,280	5,882,170	Thomasville, Ga.	2,532,140	980,950	726,480
•Philadelphia, Pa.	2,057,220,360	1,599,936,550	1,536,617,260	•Toledo, Ohio	148,755,010	70,532,600	72,606,430
Phillipsburg, N. J.	6,467,740	6,121,510	5,431,710	•Topeka, Kan.	35,289,950	30,725,860	27,402,640
Phoenix, Ariz.	34,294,350	28,134,560	18,039,240	Trenton, N. J.	112,837,680	104,060,340	91,624,290
Pine Bluff, Ark.	9,814,450	6,800,570	6,471,780	Tucson, Ariz.	12,954,880	13,652,100	10,640,750
Pittsburg, Kan.	5,387,450	3,430,870	3,138,640	•Tulsa, Okla.	90,276,980	68,444,970	65,075,550
•Pittsburgh, Pa.	1,102,216,930	840,899,900	829,615,730	Utica, N. Y.	88,554,520	81,489,290	81,593,400
Pittston, Pa.	18,250,640	16,970,950	16,320,810	Valdosta, Ga.	2,615,150	2,186,600	1,126,540
Portland, Me.	117,475,620	112,267,880	106,265,240	Vernon, Texas	3,108,200	2,421,140	1,925,620
•Portland, Ore.	147,538,140	125,692,980	112,370,990	Vicksburg, Miss.	9,783,490	9,086,920	8,636,900
Portsmouth, Va. (See Norfolk)				Vincennes, Ind.	4,661,640	4,177,100	3,545,980
Pottsville, Pa.	22,349,440	22,669,120	20,900,280	•Waco, Texas	19,905,110	18,426,090	16,202,550
Providence, R. I.	430,921,520	397,053,110	377,993,380	Warren, Pa.	23,675,770	21,976,380	19,792,090
•Pueblo, Colo.	24,187,100	23,437,610	19,289,240	•Washington, D. C.	278,334,599	258,745,720	254,451,410
Quincy, Ill.	13,948,220	13,816,850	11,556,410	Waterbury, Conn.	73,132,670	61,690,410	57,568,250
Racine, Wis.	17,471,570	14,831,770	12,536,850	Waterloo, Iowa	12,215,510	9,807,320	1,616,190
Raleigh, N. C.	12,207,490	6,040,480	5,048,460	Watertown, S. D.	4,008,940	3,309,130	2,673,850
Reading, Pa.	56,169,130	53,934,530	45,942,520	Watertown, Wis.	4,969,430	4,721,330	4,234,560
Redondo Beach, Calif.	1,728,710	1,615,870	1,234,590	Watsonville, Calif.	4,462,560	4,828,360	4,079,200
Red Wing, Minn.	4,633,900	4,434,730	4,070,380	West Los Angeles, Calif.	50,091,000	44,173,360	41,087,190
Reno, Nev.	17,370,030	17,986,930	17,043,980	Wheeling, W. Va.			2,530,300
•Richmond, Va.	137,860,000	113,603,570	115,109,590	Whittier, Calif.			35,371,400
Riverside, Calif.	10,147,860	9,382,270	8,739,800	•Wichita, Kan.	42,293,870	36,611,980	35,371,400
Roanoke, Va.	30,178,960	29,449,880	26,266,210	Wichita Falls, Texas	14,950,800	13,520,960	11,065,150
Rochester, Minn.	7,213,220	6,733,530	6,333,590	Wilkes-Barre, Pa.	71,024,570	56,751,540	56,682,290
Rochester, N. Y.	386,552,080	370,104,210	352,064,250	Williamsport, Pa.	21,602,660	19,437,980	17,206,750
Rockford, Ill.	22,873,550	10,782,610	7,876,880	Wilmington, Calif.			80,292,170
Rock Island, Ill.	18,516,950	14,262,770	13,643,120	Wilmington, Del.	89,789,980	86,340,580	6,148,890
Rocky Mount, N. C.	2,782,810	2,890,130	2,133,500	Wilmington, N. C.	7,368,230	6,910,000	5,566,660
Rome, Ga.	4,922,750	4,310,770	3,737,160	Winchester, Va.	6,474,290	6,235,450	13,245,040
Sacramento, Calif.	64,993,520	59,953,910	53,529,590	Winona, Minn.	15,548,100	14,359,930	2,171,850
Saginaw, Mich.	35,807,230	31,401,940	26,665,230	Winter Haven, Fla.	2,814,030	1,974,310	203,905,380
•St. Joseph, Mo.	35,960,880	31,193,870	28,538,980	Worcester, Mass.	233,370,650	223,895,290	8,277,080
•St. Louis, Mo.	575,457,740	510,406,180	464,542,270	Yakima, Wash.	10,362,170	9,343,410	1,952,840
•St. Paul, Minn.	166,970,320	143,967,070	135,508,860	Yankton, S. D.	2,476,710	2,156,360	90,655,310
Salisbury, N. C.	1,026,160	1,149,630	704,200	Yonkers, N. Y.	94,374,640	92,523,330	31,402,350
•Salt Lake City, Utah	82,007,030	70,049,450	57,774,300	York, Pa.	34,904,310	32,990,760	40,678,540
				Youngstown, Ohio	74,368,600	33,585,550	

• Reserve City. * before name of city in above list denotes Clearing House examination.

Officers, members * and affiliated members + may be found by referring to above cities in the Bank List, following the banks.

* See Bayonne, Hoboken, Jersey City, Union City, and West New York, N. J. in bank list for banks which are members of the Northern New Jersey Clearing House Association, located at 32 Liberty St. New York City, N. Y.

CONSOLIDATED CAPITALIZATION FOR JULY 1932 STATEMENTS

STATE	Total Nat'l Banks	Total State Banks and Trust Cos.	Total Private Banks	Total All Banks▲	LIABILITIES					RESOURCES				
					Capital	Surplus and Profits	Deposits	Accepts. L. of C., etc.	Total Liabilities	Loans and Discounts	Bonds and Securities	Miscellaneous	Cash and Exchange Due from Banks	Total Resources
Alabama	78	160	2	240	\$ 24,589,825	\$ 22,428,480	\$ 168,879,630	\$ 24,621,410	\$ 240,519,345	\$ 131,104,800	\$ 56,185,250	\$ 17,773,800	\$ 35,355,730	\$ 240,419,580
Alaska	4	10		14	915,000	862,980	10,413,990	321,810	12,513,780	4,603,170	4,895,240	466,330	2,549,000	12,513,740
Arizona	10	18		28	4,300,000	3,873,980	44,672,380	2,686,840	55,533,200	21,040,690	20,533,840	2,944,640	11,014,050	55,533,220
Arkansas	50	222		272	13,510,850	9,680,495	109,442,010	8,073,520	140,706,875	67,854,080	33,462,220	7,260,840	32,105,820	140,682,960
California	167	183		350	197,009,970	185,926,270	2,887,493,510	224,269,600	3,494,699,350	1,805,716,540	1,055,003,060	196,397,380	437,595,550	3,494,712,530
Colorado	100	11		214	16,184,500	16,262,810	231,107,054	9,864,140	273,418,504	101,999,240	98,310,860	9,150,460	63,907,220	273,367,780
Connecticut	58	148	6	212	42,791,000	128,629,370	1,119,163,070	41,450,710	1,332,034,150	755,394,130	427,112,170	51,589,980	97,904,960	1,332,011,240
Delaware	15	35		50	13,759,090	29,744,810	131,534,050	7,562,790	182,600,740	87,470,930	68,168,660	7,475,390	19,416,690	182,531,670
Dist. of Col.	13	23		36	22,915,000	26,497,730	254,451,410	12,488,870	316,353,010	137,857,600	98,390,530	33,140,100	46,965,580	316,353,810
Florida	49	130	1	180	22,367,240	12,743,350	192,985,600	11,079,470	239,175,660	60,760,720	117,017,300	14,978,380	46,448,980	239,205,380
Georgia	62	248	39	349	35,327,540	29,948,410	262,960,030	22,907,040	351,143,020	182,696,810	73,509,080	24,996,870	69,873,170	351,075,930
Hawaii	1	13	3	17	5,860,000	5,761,940	76,070,020	9,825,950	97,517,910	51,595,470	23,296,280	7,856,160	14,769,980	97,517,890
Idaho	30	80		110	5,107,500	4,062,470	76,070,020	4,130,950	70,721,690	29,460,220	24,385,520	4,244,450	12,615,920	70,706,110
Illinois	339	780		1,119	237,414,300	222,827,680	2,266,839,690	231,724,340	2,958,806,010	1,392,399,990	764,463,900	201,063,010	600,169,050	2,958,095,950
Indiana	159	446	83	688	56,473,950	48,133,270	558,782,960	189,974,500	1,564,926,590	358,926,590	186,514,030	144,065,880	130,291,440	1,564,926,590
Iowa	170	679	48	897	43,668,500	30,052,000	481,849,550	31,609,130	587,179,180	327,135,810	137,131,660	30,768,190	91,809,810	586,845,470
Kansas	222	643	3	868	33,591,000	23,593,490	298,786,820	17,656,460	370,609,770	178,036,120	99,386,040	18,295,310	74,824,940	370,542,410
Kentucky	107	358		465	34,256,700	35,897,710	318,599,430	68,772,340	457,526,180	248,890,990	95,598,530	51,438,790	61,192,810	457,121,120
Louisiana	28	163		191	31,060,690	26,702,950	334,065,460	44,854,210	436,683,310	247,425,990	90,370,440	35,445,900	63,425,300	436,667,630
Maine	43	68		111	13,110,200	33,627,590	365,629,570	34,321,900	446,689,260	208,355,800	192,224,600	18,234,100	27,904,220	446,718,720
Maryland	69	131	2	202	36,834,200	71,050,790	717,592,510	48,319,810	873,797,310	368,621,580	373,611,320	37,603,770	94,013,240	873,849,910
Massachusetts	141	273		414	140,306,560	337,103,990	3,663,359,980	125,226,540	4,265,997,070	2,290,923,890	1,386,137,290	151,811,400	435,839,470	4,264,712,050
Michigan	103	447	68	618	92,887,130	86,102,230	1,266,353,790	99,557,380	1,544,900,530	845,103,050	412,909,410	123,280,910	162,851,640	1,544,145,010
Minnesota	237	590		827	55,375,700	40,682,670	780,100,640	30,244,810	906,403,820	400,376,480	325,791,230	35,088,060	145,049,010	906,304,780
Mississippi	25	201		226	12,488,450	10,920,740	125,294,160	13,873,480	162,576,830	83,126,520	41,927,070	9,261,940	27,878,860	162,194,890
Missouri	103	789	2	894	91,620,880	62,208,250	966,172,490	34,780,800	1,154,782,420	503,210,320	378,849,790	44,194,970	228,256,230	1,154,511,310
Montana	53	97		150	9,330,000	7,773,820	102,764,130	5,945,680	125,813,630	46,899,080	49,964,950	6,466,010	125,784,620	125,784,620
Nebraska	156	472		628	25,560,500	14,711,310	248,472,740	16,825,130	305,569,680	151,074,490	73,513,350	14,627,860	66,176,880	305,392,580
Nevada	9	17	1	27	2,790,000	1,584,680	32,942,530	2,734,790	40,052,000	23,051,060	8,284,640	1,999,710	6,716,620	40,052,000
New Hampshire	53	66		119	9,142,600	29,006,060	262,289,380	14,069,670	314,507,710	134,929,580	156,488,680	6,785,100	16,266,560	314,469,920
New Jersey	270	199	*4	473	127,097,600	182,269,130	1,885,083,410	187,636,580	2,382,086,720	1,140,215,760	873,783,980	149,991,170	218,147,990	2,382,138,900
New Mexico	26	23		49	2,805,000	1,731,700	19,120,230	3,312,210	36,969,140	16,467,090	12,738,470	1,830,720	5,924,650	36,969,930
New York	496	468	31	995	865,774,700	1,911,085,400	15,113,965,460	1,029,164,080	18,919,969,640	8,809,813,580	6,445,633,320	1,184,633,320	2,480,050,660	18,920,057,870
North Carolina	43	214		257	26,773,365	22,535,665	208,169,660	31,012,840	288,491,530	164,214,470	55,445,160	20,394,775	48,562,350	288,616,755
North Dakota	79	158		237	9,473,500	5,986,507	94,546,650	8,277,480	118,284,137	53,019,100	40,523,630	8,185,480	16,510,900	118,239,110
Ohio	267	485	41	793	160,386,140	156,821,826	1,861,712,370	202,763,780	2,381,684,116	1,339,433,890	577,694,220	166,496,220	298,049,030	2,381,673,430
Oklahoma	241	269		510	32,109,150	14,027,780	305,583,570	15,398,990	368,119,490	147,843,940	127,732,120	17,688,960	74,792,720	368,057,740
Oregon	75	92	1	168	16,973,500	10,424,050	193,251,980	15,798,340	236,447,870	78,711,910	102,666,730	9,498,950	45,501,290	236,378,880
Pennsylvania	758	436	*28	1,222	303,675,532	710,587,880	4,104,495,510	361,746,150	5,480,505,072	2,222,219,075	2,316,935,740	343,404,670	598,202,750	5,480,762,235
Rhode Island	10	20		30	16,315,000	49,774,680	465,434,990	14,548,940	546,073,610	251,105,830	240,457,300	10,067,880	44,447,040	546,073,610
South Carolina	21	107	1	129	9,583,896	8,078,100	55,098,210	13,752,210	77,444,580	56,409,370	33,029,490	7,562,700	19,415,170	77,444,580
South Dakota	78	172	1	251	8,622,000	6,142,690	79,359,720	7,744,480	101,868,890	47,862,980	32,705,250	6,311,000	14,937,920	101,817,150
Tennessee	82	298		380	36,913,310	29,854,850	296,762,760	44,360,880	407,891,800	236,361,260	68,880,520	32,440,000	70,081,710	407,763,490
Texas	489	573	59	1,121	99,573,180	67,607,120	793,932,820	74,974,050	1,036,087,170	482,453,610	249,963,620	68,906,400	234,657,620	1,035,981,250
Utah	15	58		73	9,079,000	7,308,960	91,127,530	22,968,690	130,484,180	69,360,610	36,774,220	4,701,690	19,634,380	130,479,900
Vermont	45	55		100	7,886,000	18,195,390	203,744,720	25,754,970	255,581,080	140,600,950	81,905,990	20,447,510	12,665,750	255,620,200
Virginia	140	237	4	381	51,763,960	40,807,200	400,919,080	46,576,900	540,067,140	329,858,190	109,129,240	27,727,920	73,776,170	540,041,520
Washington	86	170		256	33,598,350	17,996,920	340,837,310	29,498,830	420,831,410	181,910,360	150,437,410	17,848,840	70,636,120	420,832,730
West Virginia	82	133		215	26,108,200	26,645,540	225,111,320	307,289,740	514,409,080	184,035,290	60,881,220	20,185,570	38,064,260	514,409,080
Wisconsin	135	707		842	67,023,200	55,282,700	728,230,270	41,844,690	892,380,860	470,443,490	250,226,810	44,501,890	127,774,370	892,946,560
Wyoming	22	51		73	3,830,000	4,066,020	43,505,390	5,027,320	56,428,730	30,564,300	14,206,480	2,251,010	9,401,900	56,423,690
Grand Total U.S.	6,114	12,529	428	19,071	\$ 3,245,913,458	\$ 4,905,512,433	\$ 45,883,464,914	\$ 3,567,970,380	\$ 57,602,861,185	\$ 27,698,946,795	\$ 18,759,114,920	\$ 3,473,332,365	\$ 7,666,878,060	\$ 57,598,272,140

*Under State Supervision. ▲ Does not include branches, either at main office or other towns. † This does not include corporations, firms and individuals whose names appear herein but which are doing an investment business only.

Branch Banks and Other Banking Institutions Listed in Rand McNally Bankers Directory — Not Listed in Above Capitalization

	National Bk. Branches	State Bank Branches	Private Bk. Branches	Total Branches	Industrial and Mor- ris Plan Banks	Federal Reserve Banks	Federal Land Banks	Federal Inter- mediate Bks.	Joint Stock Land Banks	Total Other Inst'ts Listed	Total No. In- stit'ns Shown in Directory
Alabama	16	16		32						18	258
Alaska	3	3		6						3	17
Arizona	16	16		32						17	45
Arkansas	3	3		6						5	277
California	312	198		510	5	4	1	1	2	525	875
Colorado										3	217
Connecticut					15				1	15	227
Delaware	9	9		18						10	60
Washington, D.C.	16	10		26					1	27	63
Florida					6		1			7	187
Georgia	20	11	4	35	2		1		1	40	389
Hawaii	6	16		22						22	39
Idaho											110
Illinois		*2		*2		1				5	8
Indiana	1	21	1	23	4					5	32
Iowa	47	47		94	4					54	951
Kansas					2			1	1	4	872
Kentucky	11	13	24	1			1	1	3	31	496

	National Bk. Branches	State Bank Branches	Private Bk. Branches	Total Branches	Industrial and Mor- ris Plan Banks	Federal Reserve Banks	Federal Land Banks	Federal Inter- mediate Bks.	Joint Stock Land Banks	Total Other Inst'ts Listed	Total No. In- stit'ns Shown in Directory
Louisiana	8	94		102	1		1	1	1	107	298
Maine		68		68	1	1				70	181
Maryland		104		104	1	2	1	1	1	111	313
Massachusetts	65	77		142	18	2	1	1	1	165	579
Michigan	47	317		364	1		1	1	1	367	985
Minnesota	6			6	2	1	1	1	1	13	840
Mississippi	1	23		24						24	250
Missouri		4		4	3		2			12	906
Montana								1	1	1	151
Nebraska							1	1	1	3	634
Nevada											27
New Hampshire											119
New Jersey	33	60		93						93	566
New Mexico		3		3						3	52
New York	180	501		681	8	14	1	1	1	706	1701
North Carolina		75		75	37	5				122	379
North Dakota											237
Ohio	10	173		183	11		1	1		196	980

	National Bk. Branches	State Bank Branches	Private Bk. Branches	Total Branches	Industrial and Mor- ris Plan Banks	Federal Reserve Banks	Federal Land Banks	Federal Inter- mediate Bks.	Joint Stock Land Banks	Total Other Inst'ts Listed	Total No. In- stit'ns Shown in Directory
Oklahoma					1	6		1			8
Oregon	2	1		3			1	1		2	1
Pennsylvania	46	96	3	145	1		1	1		149	1371
Rhode Island	3	38		41	1	14				56	86
South Carolina	5	28		33	2		1	1	1	38	167
South Dakota											251
Tennessee	21	36		57	7		2		2	68	448
Texas					5		1	3	1	3	14
Utah										1	2
Vermont		4		4			1	1			4
Virginia	11	42		53	5	6	1		1	66	447
Washington	4	5		9			2	1	1	13	269
West Virginia					1					2	3
Wisconsin	4	7		11						11	853
Wyoming											73
TOTAL	812	2121		82941	148	55	12	26	12	12	49
										13256	22,327