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Roll of Membership

Corrected to January 15, 1944

AMERICAN SOCIETY of HEATING and VENTILATING ENGINEERS

Published at the Headquarters of the Society
51 Madison Avenue, New York 10, N. Y.

Contains Lists of Members Arranged Alphabetically and Geographically, also Lists of Officers and Committees, Past Officers and Local Chapter Officers.

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ENGINEERS OF HUMAN COMFORT

The Heating, Ventilating and Air Conditioning Engineer through his work and research brings to our homes, our offices and our factories, in both summer and winter, that climate best suited to our comfort and health, and he creates for our industries those atmospheric conditions which improve quality of product and speed production.

He is truly an *Engineer of Human Comfort* and a public benefactor.

It was in 1894 that a small group of nationally known engineers, educators, and manufacturers organized the A.S.H.V.E. for the express purpose of improving the Art through the interchange of ideas and stimulation of scientific research and invention.

In 1894, it was agreed that the great art of heating and ventilating deserved and required recognition as an essential, distinctive and highly specialized division of modern engineering. These men realized the basic importance of heating and ventilating as the primary element in the well-being of civilized mankind, living and working mostly indoors.

These keen, alert, progressive men knew that the methods and equipment of their day could be improved even beyond their own vision if all the personalities striving for such improvement could be welded into one organized cooperative group, imbued with the same ideals and set toward the same goal. So they formed themselves into the nucleus of such an organization and called it THE AMERICAN SOCIETY OF HEATING AND VENTILATING ENGINEERS.

That the Charter Members had great faith in their enterprise is evident, although little did they dream that progress would be so rapid in their profession.

During the intervening years since that little group of 75 pioneers unfurled the banner of THE AMERICAN SOCIETY OF HEATING AND VENTILATING ENGINEERS—33-14 of the real leaders of thought and action in heating, ventilating, and air conditioning have gathered about that standard and carried it proudly before them far along the way of real accomplishment. They may be identified among engineering groups by the distinctive emblem which was adopted by the Charter Members.

The record of the Society's accomplishments is a long and brilliant one, yet it must embrace but a small part of the real achievement which the Society has inspired both among its members and the many non members whose work it has influenced. Rewarding the efforts of its founders, who gave unstintingly of their time and means, the Society has been tremendously effective in the advancement of the Art and Industry and its manifold activities.

A.S.H.V.E. MILESTONES

- 1894 Organization meeting September 10, at Broadway Central Hotel, New York with 75 Charter Members.
- 1895 First Annual Meeting, January 22-24 at 12 West 81st Street, New York. Incorporation under laws of New York State, TRANSACTIONS established.
- 1896 Society Emblem adopted at 2nd Annual Meeting—Dr. J. S. Billings, First Honorary Member.
- 1897 First Semi-Annual Meeting held at the Windsor Hotel, New York, June 18.
- 1906 First Chapter organized in Chicago.
- 1907 Membership reached 301.
- 1911 Membership totaled 405. New York Chapter formed. Society establishes Headquarters in Engineering Societies Building, 29 West 39th Street, New York.
- 1915 Journal first published in April as a quarterly; later issued monthly.
- 1916 Full time Secretary employed.
- 1918 Members in Armed Services—64.
- 1919 After several years of consideration and planning the Society established its Research Laboratory, in the United States Bureau of Mines, at Pittsburgh, Pa. having determined a preliminary *modus operandi* and provided an operating fund. The Society is justly proud that it is the only professional engineering organization which maintains and operates its own Research Laboratory.
- 1922 The A.S.H.V.E. GUIDE published in September.
- 1923 Comfort Zone Established by A.S.H.V.E. Research.
- 1925 Dues raised to \$25.00 and 40 per cent of dues of members and associates allocated to Research Fund.
- 1927 Membership of Council increased from 12 to 17.
- 1928 Appointment of Technical Secretary and completion of Code for Minimum Requirements for Heating and Ventilation of Buildings. Benjamin Franklin honored as Patron Saint of Society.
- 1929 Journal incorporated as a Special Section of *Heating, Piping and Air Conditioning*. Society Headquarters moved to 51 Madison Ave.
- 1930 Endowment created by Thornton Lewis for the F. Paul Anderson Medal. First International Heating and Ventilating Exposition held in Philadelphia.
- 1932 First Award of F. Paul Anderson Medal to W. H. Carrier.
- 1933 New Constitution and By-Laws adopted—Membership dues reduced.
- 1936 Membership passed 3000.
- 1941 Society requested to do Research for U. S. Navy.
- 1943 Membership at all-time high, 3300—Chapter with largest Charter Membership organized in Indianapolis.
- 1944 Members serving in Armed Forces—332.

Officers and Council

AMERICAN SOCIETY of HEATING and VENTILATING ENGINEERS

51 Madison Ave., New York 10, N. Y.

1943-44

President.....M. F. BLANKIN
First Vice-President.....S. H. DOWNS
Second Vice-President.....C. E. A. WINSLOW
Treasurer.....E. K. CAMPBELL
Secretary.....A. V. HUTCHINSON
Technical Secretary.....CARL H. FLINK

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One Year
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L. P. SAUNDERS

Two Years
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A. J. OFFNER
A. E. STACSY, JR.
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T. H. URDAHL

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Membership: E. K. Campbell, *Chairman*; A. J. Offner, W. A. Russell.
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Standards: L. P. Saunders, *Chairman*; L. G. Miller, T. H. Urdahl.

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A.S.H.V.E.—I.E.S. Joint Committee on Lighting and Air Conditioning: P. M. Rutherford, Jr., *Chairman*; W. R. Beach, B. C. Candee, W. G. Darley, Bruce Jensen and C. L. Kribs, Jr.
Chapter Development Committee: W. A. Russell, *Chairman*; Albert Buenger and C. E. Price.
Chapter Relations: J. F. Collins, Jr., *Chairman*; L. P. Saunders and H. E. Sproull.
Constitution and By-Laws: L. T. Avery, *Chairman*; M. W. Elshop and R. A. Miller.
F. Paul Anderson Award: S. H. Downs, *Chairman*; Tom Brown, F. E. Giesecke, L. L. Lewis and F. B. Rowley.
Guide Publication: P. D. Close, *Chairman*; Thomas Chester, John James, S. Konzo and C. S. Leopold.
Publication: C. H. B. Hotchkiss, *Chairman* (one year); J. H. Walker (two years), and L. E. Seeley (three years).
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Ontario
Oregon
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Two Years

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JOHN A. GOFF
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Three Years

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*Member of Committee on Research.

Officers of Local Chapters, 1943-44

Atlanta

Headquarters, Atlanta, Ga.
Meets: First Monday in Month
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3687 Peachtree Road
Secretary, L. F. LAWRENCE, JR.
304-101 Marietta St., Atlanta 3

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Meets: Second Tuesday in Month
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President, ALBERT BUENGER
Hotel Gibson
Secretary, E. J. RICHARD
2137 Reading Road, Cincinnati 2

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Secretary, J. R. SMAK
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Headquarters, New Orleans, La.
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Secretary, J. S. BURKE
317 Baronne St., New Orleans 9

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Headquarters, San Francisco, Calif.
Meets: First Wednesday in Month
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150 Hooper St.
Secretary, R. B. HOLLAND
1275 Folsom St.

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Meets: Second Monday in Month
President, CHAS. E. PRICE
Room 1805, 6 N. Michigan Ave., Chicago 2
Secretary, C. M. BURNHAM, JR.
Room 1805, 6 N. Michigan Ave., Chicago 2

Indiana

Headquarters, Indianapolis, Ind.
President, S. E. FENSTERMAKER
937 Architects and Builders Bldg.
Secretary, C. W. STEWART
1001 York St.

Iowa

Headquarters, Des Moines, Iowa
Meets: Second Tuesday in Month
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1614 Thompson
Secretary, B. E. LANDES
1603 47th St., Des Moines 10

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Meets: Second Monday in Month
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3001 Fairfax Road, Kansas City, Kans.
Secretary, F. S. PEXTON
824 Grand Ave., Kansas City 13, Mo.

Manitoba

Headquarters, Winnipeg, Man.
Meets: Third Thursday in Month
President, F. L. CHESTER
179 Bannatyne Ave.
Secretary, F. T. BALL
810 Ninth Ave., W., Calgary, Alta.
Acting Secretary, Einar Anderson
152 Bannerman Ave.

President, E. G. CARRIER
704 Statler Bldg.
Secretary, R. T. KERN
51 Claflin St., Leominster

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Headquarters, Detroit, Mich.
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2000 Second Ave.
Secretary, A. E. KNIBB
1003 Maryland Ave., Detroit 30

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Headquarters, Minneapolis, Minn.
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Wesley Temple Bldg., Minneapolis

Montreal

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President, F. A. HAMLET
1010 St. Catherine St., W.
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630 Dorchester St., W.

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Headquarters, Omaha
Meets: Second Tuesday in Month
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6012 Parker St.
Secretary, E. F. ADAMS
1227 South 62nd St.

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Headquarters, New York, N. Y.
Meets: Third Monday in Month
President, R. A. WASSON
600 Fifth Ave.
Secretary, P. G. GRISS
189 Walnut Ave., Bogota, N. J.

North Carolina

Headquarters, Durham, N. C.
Meets: Quarterly
President, F. J. REED
263 College Station
Secretary, C. Z. ADAMS
312 Piedmont Bldg., Greensboro

North Texas

Headquarters, Dallas, Texas
Meets: Second Monday in Month
President, M. L. BROWN
3600 Commerce St.
Secretary, E. T. GRESSLE
Thomas Bldg.

Northern Ohio

Headquarters, Cleveland, Ohio
Meets: Second Monday in Month
President, P. D. GAYMAN
2142 East 19th St.
Secretary, G. B. PRIESTER
Case School of Applied Science, Cleveland 6

Oklahoma

Headquarters, Oklahoma City, Okla.
Meets: Second Monday in Month
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University of Oklahoma, Norman
Secretary, E. T. P. ELLINGSON
314 Savings Bldg., Oklahoma City 2

Ontario

Headquarters, Toronto, Ont.
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Secretary, H. R. ROTH
57 Bloor St., W.

President, J. A. FREEMAN
1623 Southeast 11th Ave.
Secretary, G. H. RISLEY
516 Southwest Oak St., Portland 4

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Headquarters, Seattle, Wash.
Meets: Second Tuesday in Month
President, R. D. MORSE
414 Vance Bldg., Seattle 1
Secretary, J. D. SPARKS
7331 W. Green Lake Way, Seattle 8

Philadelphia

Headquarters, Philadelphia, Pa.
Meets: Second Thursday in Month
President, EDWIN ELLIOT
560 North 16th St.
Secretary, E. H. DARTER
Room 2211, 12 South 12th St., Philadelphia 1

Pittsburgh

Headquarters, Pittsburgh, Pa.
Meets: Second Monday in Month
President, G. G. WATERS
1841 Oliver Bldg.
Secretary, E. H. RIKSMAYER, JR.
231-33 Water St., Pittsburgh 22

St. Louis

Headquarters, St. Louis, Mo.
Meets: First Tuesday in Month
President, C. F. BOESTER
101 E. Essex, Kirkwood
Secretary, B. C. SIMONS
Room 706, 4030 Chouteau, St. Louis 10

South Texas

Headquarters, Houston, Texas
Meets: Third Friday in Month
President, A. M. CHASE, JR.
Box 359
Secretary, A. F. BARNES
602 Kirby Bldg., Houston 2

Southern California

Headquarters, Los Angeles, Calif.
Meets: Second Wednesday in Month
President, W. O. STEWART
153 W. Avenue 34
Secretary, MARON KENNEDY
5051 Santa Fe Ave.

Washington, D. C.

Headquarters, Washington, D. C.
Meets: Second Wednesday in Month
President, S. L. GREGG
4828 Edgemoor Lane, Bethesda, Md.
Secretary, A. S. GATES, JR.
111 County Road, Kensington, Md.

Western Michigan

Headquarters, Grand Rapids, Mich.
Meets: Second Monday in Month
President, C. H. PESTERFIELD
Michigan State College, East Lansing
Secretary, V. H. HILL
2111 Colvin Court, Lansing 10

Western New York

Headquarters, Buffalo, N. Y.
Meets: Second Monday in Month
President, S. M. QUACKENBUSH
117 W. Tupper St.
Secretary, HERMAN SEELBACH, JR.
45 Allen St.

Wisconsin

Headquarters, Milwaukee, Wis.
Meets: Third Monday in Month
President, F. W. GOLDSMITH
513 E. Day Ave.
Secretary, E. W. GIFFORD
611 N. Broadway

HOW TO APPLY FOR MEMBERSHIP

The real accomplishments of life are usually measured by the service one has rendered to his fellows and the true cultural refinement of mind, the finest sense of personal and professional ethics, factors transcending all material elements in what man calls "success," are developed through association with those of high ideals and cherished ambitions in the same field of activity. THE AMERICAN SOCIETY OF HEATING AND VENTILATING ENGINEERS offers to him whose work is definitely within its province an opportunity for such association and an opportunity for real service to his profession.

Every man in the heating, ventilating and air conditioning profession needs the Society—

- 1—Because of the contacts that it brings through national and local meetings.
- 2—Because of the information supplied by Society Publications.
- 3—Because of the opportunities that research reveals in new applications for engineering services and equipment.
- 4—Because of the satisfaction to be derived in contributing to human comfort and well being.

A Candidate must make application on the printed form "Membership Application" which is available at the headquarters office or from Chapter Officers and members. A statement of qualifications and engineering experience is required and four members must act as sponsors except under certain conditions noted in *Article B-III* of the By-Laws.

Initiation Fees for 1944 are: Members and Associate Members \$10.00; Junior Members \$5.00. The Initiation Fee must accompany application.

For 1944 the annual dues of the Society are: Members and Associate Members

\$18.00; Junior Members \$10.00; and Student Members \$3.00. Dues of new members are pro-rated on a quarterly basis.

ARTICLE C-II—MEMBERSHIP

Section 1. Persons connected with the arts and sciences related to heating, ventilating or air conditioning are eligible for admission into the Society.

Section 4. A Member shall be over thirty (30) years of age and shall have more than eight (8) years' experience in the sciences relating to the arts of heating, ventilating or air conditioning. He shall have been in active practice of his profession and in responsible charge of important work for four (4) years, consisting of design, construction, research, development or teaching, and shall be qualified to design or direct such engineering work.

Section 5. A Junior Member shall be a person over twenty (20) years and under thirty (30) years of age, who has had three (3) years' experience in the sciences relating to the arts of heating, ventilating or air conditioning. Each successfully completed year in an engineering school may be considered equivalent to one (1) year of such work.

Section 6. An Associate Member shall be twenty-five (25) years of age or over. He need not be an engineer, but must have been so connected with some branch of engineering or the art of heating, ventilating, air conditioning or the industries relating thereto, that he may be considered as qualified to co-operate with heating and ventilating engineers in the advancement of professional knowledge.

Section 7. A Student Member shall be a person between the ages of 18 and 25 years, who is regularly attending courses in an engineering college or technical school at the time of applying for membership.

of by Hugh J. Barron and L. H. Hart in the early summer of 1894.

On August 2, 1894, a group of 15 men met at the office of *Heating and Ventilation*, 146 World Bldg., New York, and a committee of 5 was chosen to effect an organization.

The first meeting was called at 3:00 p.m., September 10, 1894, at the Broadway Central Hotel and temporary officers were elected: F. P. Smith, *Chairman*; and L. H. Hart, *Clerk*. The roll call showed that 75 persons had become Charter Members. It was voted that the name of the organization should be THE AMERICAN SOCIETY OF HEATING AND VENTILATING ENGINEERS and a Constitution and By-Laws were adopted. The following were elected to hold office until the 1st Annual Meeting, January 22-24, 1895: *President*, E. P. Bates, Syracuse, N. Y.; *First Vice-President*, W. M. Mackay, New York, N. Y.; *Second Vice-President*, W. F. Wolfe, Boston, Mass.; *Third Vice-President*, Chas. S. Onderdonk, Philadelphia, Pa.; *Treasurer*, Judson A. Goodrich, New York, N. Y.; *Secretary*, L. H. Hart, New York, N. Y.; *Board of Managers*, E. P. Smith, H. J. Barron, A. A. Cary, New York; James A. Harding, Vineyard Haven, Mass.; Henry Adams, Washington, D. C.; *Council on Membership*, Chas. W. Newton, Baltimore, Md.; R. C. Carpenter, Ithaca, N. Y.; Albert A. Cryer, New York; F. W. Foster, Boston; U. G. Scollay, Brooklyn, N. Y.

CHARTER MEMBERS OF THE SOCIETY

Henry Adams Washington, D. C.	C. F. Cessert New York, N. Y.	Charles W. Newton Baltimore, Md.
Homer Addams Washington, D. C.	Judson A. Goodrich New York, N. Y.	Theodore C. Northcott Elmira, N. Y.
Newell P. Andrus Brooklyn, N. Y.	John Gormly Philadelphia, Pa.	Charles S. Onderdonk Philadelphia, Pa.
Hugh J. Barron New York, N. Y.	James A. Harding New York, N. Y.	John A. Payne Providence, R. I.
Thomas Barwick New York, N. Y.	L. H. Hart New York, N. Y.	John H. Peiberick Chattanooga, Tenn.
Edward P. Bates Syracuse, N. Y.	Charles F. Haues New York, N. Y.	Geo. W. Plastow Jersey City, N. J.
Geo. C. Blackmore Pittsburgh, Pa.	Jno. D. Hibbard Chicago, Ill.	Henry B. Prather Buffalo, N. Y.
J. J. Blackmore New York, N. Y.	William H. Hill New York, N. Y.	Leon H. Prentice Chicago, Ill.
L. R. Blackmore New York, N. Y.	Geo. D. Hoffman Chicago, Ill.	D. M. Quay Chicago, Ill.
Samuel Burns New York, N. Y.	Charles S. Hopkins Rochester, N. Y.	Wm. A. Russell New York, N. Y.
B. Harold Carpenter Wilkes Barre, Pa.	Alfred A. Hunting Boston, Mass.	U. G. Scollay Brooklyn, N. Y.
R. C. Carpenter Ithaca, N. Y.	Stewart H. Jellitt Philadelphia, Pa.	Percival H. Seward New York, N. Y.
Albert A. Cary New York, N. Y.	J. H. Kinealy St. Louis, Mo.	Le Roy B. Sherman New York, N. Y.
Robert C. Clarkson Philadelphia, Pa.	Jos. A. Langdon Pittsburgh, Pa.	Fred P. Smith New York, N. Y.
Geo. B. Cobb New York, N. Y.	Chas. W. Light Saginaw, Mich.	B. F. Stangland New York, N. Y.
H. D. Crane Cincinnati, Ohio	H. E. Light Saginaw, Mich.	Geo. P. Steel Philadelphia, Pa.
Albert A. Cryer New York, N. Y.	Chas. C. Lincoln New York, N. Y.	Joseph M. Stoughton Yonkers, N. Y.
T. B. Cryer Newark, N. J.	C. K. Longenecker New York, N. Y.	H. M. Swetland New York, N. Y.
Mark Dean Boston, Mass.	James Mackay Chicago, Ill.	Geo. H. Underhill Boston, Mass.
John Demarest Boston, Mass.	Wm. M. Mackay New York, N. Y.	T. J. Waters Chicago, Ill.
Thos. J. Douglass Norwich, Conn.	A. S. Mappett New York, N. Y.	J. R. Wendover New York, N. Y.
A. C. Edgar Philadelphia, Pa.	Wm. McMannis New York, N. Y.	W. B. Wilkinson New York, N. Y.
Hermann Elsert Baltimore, Md.	George L. Mehrling Chicago, Ill.	James R. Willett Chicago, Ill.
John A. Fish Boston, Mass.	Edward A. Munro Brooklyn, N. Y.	J. J. Wilson Troy, N. Y.
Frank W. Foster Boston, Mass.	Robert Munro Pittsburgh, Pa.	Wilsie F. Wolfe Boston, Mass.

Engr., • General Electric Co., 5 Lawrence St., Bloomfield, and 289 Vreeland Ave., Nutley, N. J.

FAXON, Harold C. (M 1937) In Service, and • 1621-19th St., N.W., Washington, D. C.

FEAR, S. Lorne (M 1938) Asst. Mech. Engr., • Hydro Electric Power Commission of Ontario, 620 University Ave., Toronto 2, and 18 Vesta Dr., Toronto 10, Ont., Canada.

FEBREY, Ernest J. (Life Member; M 1908) Pres., • E. J. Febray, Inc., 618 New York Ave., N.W., Washington 1, and 2331 Cathedral Ave., N.W., Washington, D. C.

FEDER, Nathan (J 1938) Engr., Chemical Construction Co., 30 Rockefeller Plaza, and • 1319 Morrison Ave., New York 58, N. Y.

FEHAN, John B. (Life Member; M 1928) Pres.-Treas., • John B. Fehan, Inc., 58 Spring St., Lynn, and 4 Longview Dr., Marblehead, Mass.

FELLY, Frank J. (M 1935; A 1939) Mgr. of Sales, Taylor Supply Co., 700 Monroe Ave., and • 956 Trombley Rd., Grosse Pointe Park, Detroit, Mich.

FELIG, John B. (Life Member; M 1918) Mgr., • Excelsior Furnace Co., 528 Delaware Ave., and 2827 Brooklyn Ave., Kansas City, Mo.

FELIG, John B., Jr. (A 1941) Mgr., Excelsior Heating Supply Div., 528 Delaware St., and • 6412 Paseo, Kansas City, Mo.

FILZER, Joseph H. (J 1944; S 1943) Mech. Engr., McQuay, Inc., 1728 Broadway, N.E., and • 2909 89th Ave., S., Minneapolis 6, Minn.

FINBERG, Emanuel (A 1944; J 1937) Gen. Mgr., • Thermalair Engineering Co., 321 Stephenson Bldg., Detroit 2, and 3859 Cortland Ave., Apt. 407, Detroit 6, Mich.

FIRN, William H. (M 1938) Engr., C. A. Hooper Co., 458 W. Gilman, and • Shorewood Hills, Madison, Wis.

FITEL, J. York (A 1943) Pres., • Jordy Engineering Co., Inc., 813 Howard Ave., and 2512 Burdette St., New Orleans, La.

FELDERMANN, William (A 1937) Pres., • Walton Laboratories, Inc., 1186 Grove St., Irvington 11, and 357 Irving Ave., South Orange, N. J.

ELDMAN, A. M. (Life Member; M 1903) Cons. Engr. Retired, • 320 Central Park West, New York, N. Y.

ELDSTEIN, Harold (J 1938) Major, Ordnance Dept., War Dept., Tank-Automotive Center, Union Guardian Bldg., Detroit 28, and • 17327 Fielding, Detroit 19, Mich.

ELS, Arthur B. (M 1919) Pres., • The Fels Co., 42 Union St., Portland, and Yarmouth, Me.

ELTWELL, Robert H. (Life Member; M 1905) Htg. Engr., National Bureau of Standards, and • 1347 Michigan Ave., N.E., Washington 17, D. C.

ENNER, N. Paul (A 1928; J 1927) Dist. Office Mgr., • Hoffman Specialty Co., 130 N. Wells St., Chicago, and 227 Berteau Ave., Elmhurst, Ill.

ENSTERMAKER, S. E. (M 1909) Partner, • S. E. Fenstermaker & Co., 937 Architects & Builders Bldg., Indianapolis, and Carmel, Ind.

ENSTERMAKER, Sidney E., Jr. (J 1943) Field Engr., • American Blower Corp., 626 Architects & Builders Bldg., Indianapolis 4, and Box 453, Carmel, Ind.

ENSTERMAKER, Ward R. (J 1944) Air Cond. Engr., Allison Engineering Division, General Motors Corp., Speedway City, and • 4525 Marcy Lane, Indianapolis, Ind.

Capt., • U. S. Army Air Corps, Westover Field, Chicopee Falls, Mass., and 5723 Fifth Ave., Pittsburgh, Pa.

FERGESTAD, Marvin L. (M 1935; J 1936) Sales Engr., • The Pacific Lumber Co., 35 E. Wacker Drive, and 5044 Marine Drive, Chicago, Ill.

FERGUSON, Ralph R. (M 1934; A 1927; J 1925) Mgr. Air Cond. Dept., American Blower Corp., 50 West 40th St., New York, N. Y., and • 77 Edgewood Ave., West Orange, N. J.

FERRIS, Arthur L. (A 1941) Repr., • Hart & Cooley Mfg. Co., 103 Douglas Ave., Toronto, Ont., Canada.

FIDELIUS, Walter R. (M 1936) Supt., Combat Tank Div., Fitzgibbons Boiler Co., Inc., and • 113 W. Fourth St., Oswego, N. Y.

FIEDLER, Harry W. (M 1923) Owner, • Air Conditioning Utilities Co., 8 West 40th St., New York, and 15 Dobbs Terrace, Scarsdale, N. Y.

FIFE, G. Donald (M 1937; A 1931; J 1929) Engr., U. S. Rubber Co., 1230 Sixth Ave., New York 20, N. Y., and • 65 Tomae Ave., Old Greenwich, Conn.

FINLAY, Alvin B. (M 1942) Htg. Engr., Portland Gas & Coke Co., 153 N.W. Flanders St., Portland 9, and • 4919 N.E. 13th Ave., Portland 11, Ore.

FINN, Charles W. (M 1944) Mech. Engr., • Boeing Aircraft Corp., and 528 North 137th St., Seattle, Wash.

FINNEY, Brandon (M 1937) Htg. Engr., Brandon Finney & Associates, and • 721 Via de La Paz, Pacific Palisades, Calif.

FINNIGAN, William T. (M 1939) Mgr. & Engr., • Finnigan Bros., 1421 Southeast 20th Ave., and 1634 Southeast 29th Ave., Portland, Ore.

FIRESTONE, M. T. (M 1939) Mgr. of Dealers Northeastern Dist., • Carrier Corp., 405 Lexington Ave., and 65 Park Terrace East, New York, N. Y.

FISCHER, Frank P. (A 1940) Owner, • Frank P. Fischer Engineering Co., 412 Dryades St., New Orleans 13, and 1820 Audubon St., New Orleans 18, La.

FISCHER, Lawrence W. (A 1944; J 1937) General Bldg., Co-Ordinator, Sperry Gyroscope Co., Lake Success, and • 9 Winwood Court, Islip, N. Y.

FISHER, Bert P. (A 1943) Owner, • Southern Furnace & Supply Co., P. O. Box 92, Houston 1, Texas.

FITTS, Joseph C. (M 1930) Secy., Heating, Piping & Air Conditioning Contractors National Assn., 1250 Sixth Ave., New York, N. Y., and • 215 Kentworth Rd., Ridgewood, N. Y.

FITZ, Jean Chandler (M 1924) Engr., W.P.B., Chanin Bldg., New York, and • 405 Webster Ave., New Rochelle, N. Y.

FITZGERALD, Matthew J. (M 1934) Pres., Standard Asbestos Mfg. Co., 820 W. Lake St., Chicago, and • 1117 N. Linden Ave., Oak Park, Ill.

FITZGERALD, William E. (A 1943; J 1926; S 1935) Capt., U. S. Army, and Pres., • Fitzgerald Plumbing & Heating Co., Inc., 939 Louisiana Ave., Shreveport, La.

FITZMORRIS, Thomas B. (A 1943) Supt., Power, General Mills, Inc., 2917 Guinotte Ave., Kansas City, Mo., and • 547 Washington Blvd., Kansas City, Kan.

FITZSIMONS, J. P. (M 1941; A 1940; J 1934; S 1932) Mgr. Air Cond. Dept., • Trane Co. of Canada, Ltd., 4 Mowat Ave., and 61 Burnaby Blvd., Toronto, Ont., Canada.

FLANAGAN, James B. (A 1939) Sales Mgr., Warden-King, Ltd., 2104 Bennett Ave., Montreal, Que., Canada.

1st Div., 2nd Air Training Div., 1 Park Ave., New York, N. Y.

FLBAK, William D. (A 1938) Lab. Engr., Industrial Training Inst., 2141 Lawrence Ave., and • 4835 N. Mozart St., Chicago, Ill.

FLBISHER, Walter L. (M 1914) (Presidential Member) (Pres., 1941; 1st Vice-Pres., 1940; 2nd Vice-Pres., 1939; Council, 1936-42) Pres., • Air & Refrigeration Corp., 475 Fifth Ave., New York, N. Y.

FLEMING, Paul B. (M 1941) Cons. Engr., • Paul B. Fleming, 708 Rockefeller Bldg., Cleveland, and 20859 Erie Rd., Rocky River, Ohio.

FLINK, Carl H. (M 1923) Tech. Secy., • American Society of Heating and Ventilating Engineers, 51 Madison Ave., New York 10, and 186 Summit Ave., Mt. Vernon, N. Y.

FLINN, J. D. (M 1943) Engr., • J. J. Nolan and Co., 78 Washington Ave., and 1516 Volentine Ave., Memphis, Tenn.

FLINT, Coll T. (M 1919) Sales Mgr., The H. B. Smith Co., Inc., 104 Hanover St., Boston, and • 8 Searle Ave., Brookline, Mass.

FLORETH, John J. (M 1939) Lt. (jg) U.S. N.R., and • 924 S. Crescent, Park Ridge, Ill.

FLUCKEY, Kenneth N. (J 1940) P.A. Engr. (R), • U. S. Public Health Serv., Indus. Hygiene Engr., Oregon State Board of Health, 410 Oregon Bldg., Portland 4, and 3551 E. Burnside St., Portland 16, Ore.

FLY, E. Paul (J 1942) Hdqtr. Co., 80th U.S. N.O.B., Fleet Post Office, New York, N. Y., and • 2806 Brightwood Ave., Nashville 4, Tenn.

FOGG, Joseph H. (A 1942; J 1940) Naval Archt., U. S. Maritime Commission, Dept. of Commerce Bldg., Washington, D. C., and • 217 E. Bellefonte Ave., Alexandria, Va.

FOLEY, John J. (A 1938) Pres., • Weather-makers (Canada) Ltd., 593 Adelaide St. W., and 176 Cortleigh Blvd., Toronto, Ont., Canada.

FOLEY, John L. (M 1933) Precipitron Specialist, Westinghouse Electric & Mfg. Co., 308 Fourth Ave., Pittsburgh, Pa., and • 3567 Riedham Rd., Shaker Heights, Ohio.

FOLSOM, Rolfe A. (M 1938) Vice-Pres., • W. R. Ames Co., 150 Hooper St., San Francisco, and 2411 Easton Dr., Burlingame, Calif.

FOOTE, Avery G. (M 1937) • Curtiss-Wright Corp., Research Laboratory, Plant 5, Airport, Buffalo 5, N. Y.

FOOTE, Earle E. (M 1936) Gen. Supt., Consumers Central Heating Co., 108 East 11th St., and • 3412 North 28th St., Tacoma, Wash.

FORBES, Homer B. (J 1941; S 1938) Lt. (jg) U.S.N.R., • Naval Air Station, c/o Torpedo Shop, Ft. Lauderdale, Fla., and 809 N.E. River Dr., Ft. Lauderdale, Fla.

FORDERBRUGGEN, Kevin J. (A 1941; J 1938) Lt.-Col., • 255th AAA Bn., A.P.O. 780, Seattle, Wash.

FORFAR, D. M. (M 1917) Mech. Engr., • Grinnell Co., Inc., 240 Seventh Ave., S., and 4817 Emerson Ave., S., Minneapolis, Minn.

FORRESTER, Norman J. (A 1936) Mgr., Contract Div., The Garth Co., 750 Belair Ave., and • 4800 Westmore Ave., Montreal, Que., Canada.

FORSBERG, William (M 1919) Secy., • The Hopson & Chapin Manufacturing Co., 231 State St., New London, Conn.

FORSLUND, Oliver A. (M 1936) Owner & Gen. Mgr., Forslund Pump & Machinery Co., 1717-19 Main St., Kansas City 8, and • 108th St. & State Line, Kansas City 5, Mo.

FOSS, Edwin R. (A 1936) Dist. Mgr., • The Powers Regulator Co., 407 Bona Allen Bldg., Atlanta 8, and 257 Bolling Rd., N.E., Atlanta, Ga.

COND. ENGR., • 815 Medical Arts Bldg., Duluth 2, and 2831 E. First St., Duluth, Minn.

FOSTER, John G. (J 1938) Lt., 0-439,706, 8th Photo Squadron, A. P. O. 923, c/o Postmaster, San Francisco, Calif., and • 2635 Sedgwick Ave., New York, N. Y.

FOULDS, P. A. L. (M 1916) Consulting Engr. (Partner), • 110 State St., Boston, and 72 Whitin Ave., Revere, Mass.

FOWLES, Harry H. (A 1940; J 1934) Engr. & Estimator, V. J. Kennecally Co., 104 Hanover St., Boston, Mass., and • 4 Haskell St., Auburn, Me.

FOX, Ernest (M 1935) Asst. Engr., • C. A. Dunham Co., Ltd., 1523 Davenport Rd., and 631 Rushton Rd., Toronto, Ont., Canada.

FOX, John H. (M 1935) Lt. Col., Canadian Army, Fifth Canadian Armoured Troops, Workshop, R. C. O. C., and • 37 MacDonell Ave., Toronto, Ont., Canada.

FOX, W. L. (A 1944) Engr., U. S. Machine Corp., Lebanon, and • 2035 N. Delaware St., Indianapolis, Ind.

FRANCK, Peter (J 1938) Rogers Diesel & Aircraft Corp., 1120 Leggett Ave., Bronx., and • 3511 A 69th St., Jackson Heights, L. I., N. Y.

FRANK, John M. (M 1918; A 1912) Pres., • Ilg Electric Ventilating Co., 2350 N. Crawford Ave., Chicago, and 1152 Chatfields Rd., Hubbard Woods, Ill.

FRANK, Olive E. Mrs. (M 1919) Pres., • Frank Heaters, Inc., 521 East 40th St., Paterson, and Algonquin Trail, Pines Lake, N. J.

FRANKEL, Gilbert S. (M 1926) Mgr., Federal & Marine Dept., Buffalo Forge Co., 512 Woodward Bldg., Washington, D. C., and • 5800 Kirlsde Drive, Chevy Chase, Md.

FRANKFURT, W. W. (M 1943) Chief Mech. Engr., Austin Co., Skirvin Tower, and • 701 N.W. 31st St., Oklahoma City, Okla.

FRANKLE, Harry R. (M 1941) Partner, • Midwest Air Control, 725 Grand Ave., and 547 44th St., Des Moines, Iowa.

FRANKLIN, Ralph S. (M 1919) • 320 Grove St., Melrose, Mass.

FRANKLIN, Samuel H., Jr. (A 1938) 204 Colonial Court, Lynchburg, Va.

FRASER, James J. (A 1936) Mngng. Dir., • Honeywell-Brown, Ltd., Wadsworth Rd., Perivale, Greenford, Middlesex, England.

FRAZIER, J. Earl (A 1936) Vice-Pres.-Treas., • Frazier-Simplex, Inc., 438 East Beau St., and 7 Wilmont Ave., Washington, Pa.

FREDERICK, Helmes W. (M 1937) Htg. Engr., Cornell University, Morrill Hall, and • 103 Harvard Pl., Ithaca, N. Y.

FREEMAN, Alfred W. (J 1940; S 1939) Lt. (Army Pilot), • 445 Fighter Sqdn., Leesburg, Fla., and 31-05-88th St., Jackson Heights, N. Y.

FREEMAN, Edwin M. (A 1937) Vice-Pres., • Canadian Asbestos Co., 822 Youville Sq., and 685 Rockland Ave., Montreal, Que., Canada.

FREEMAN, J. Albert (A 1940; J 1938) Partner Engr., • Western Engineering Co., 1623 Southeast 11th Ave., Portland 14, and 4436 Southwest Doach Rd., Portland 1, Ore.

FREESTROM, Arthur (A 1941) Sales Engr., • O. Freiert Co., Alpena, Mich.

FREIJE, W. F. (M 1943) Engr., Mgr., Refrig. & Air Cond. Div., • Hayes Brothers, Inc., 236 W. Vermont St., and 5411 West Morris St., Indianapolis 8, Ind.

FREITAG, Frederic G. (M 1932) • 64 Elm Ave., Mt. Vernon, N. Y.

FRENCH, Donald (M 1926) Vice-Pres., • Carrier Corp., Syracuse, and Box 238, Cassanova, N. Y.

The Heil Co., 8000 W. Montana St., and
 • 4888 N. Wildwood Ave., Milwaukee 11, Wis.
FRIEDLER, Joseph J., Jr. (M 1940) So. Dist.
 Mgr., • Lig Electric Ventilating Co., 304
 Natchez Bldg., and 5411 Fontainebleau Dr.,
 New Orleans, La.
FRIEDLIEB, Morton J. (J 1942) Htg.-Vent. &
 Air Cond. Engr., Air & Refrigeration Corp.,
 475 Fifth Ave., New York, and • 65-60 Booth
 St., Forest Hills, N. Y.
FRIEDLINE, James M. (A 1942; J 1937)
 Capt., Plymouth, Iowa.
FRIEDMAN, Arthur (A 1936) Pres., • Air Con-
 trols, Inc., 2310 Superior Ave., Cleveland 14,
 and 15700 S. Morland Blvd., Shaker Heights,
 Ohio.
FRIEDMAN, David H., Jr. (M 1938) Major,
 • C.E. Post Engineer, U. S. Army, Ft.
 McClellan, Ala., and 531 Whitney Ave., New
 Haven, Conn.
FRIEDMAN, F. J. (M 1921) Mech. Engr.,
 • McDougall & Friedman, 1285 McGill Col-
 lege Ave., and 1280 Mackay St., Montreal,
 Que., Canada.
FRIEDMAN, Milton (A 1939; J 1935; S 1933)
 H. F. Klawuhn, General Contractor, 34-24
 82nd St., Jackson Heights, and • 333 West
 End Ave., Apt. 14C, New York, N. Y.
RIEND, Walter F. (M 1941) Mech. Engr.,
 • Ebasco Services, Inc., 2 Rector St., New
 York 6, and 131 Riverside Drive, New York
 24, N. Y.
RITSCH, Carl (M 1943) Merrell-Anderson
 Co., Inc., 77 No. 14th St., Newark, and • 424
 Park Ave., East Orange, N. J.
RITZBERG, Lawrence H. (M 1941; J 1931)
 Engr., Aerofin Corp., 410 S. Geddes St., and
 • 143 Dorwin Ave., Syracuse 5, N. Y.
ROELICH, H. Allen (A 1939) Gen. Mgr.,
 • The Glen'Aire Cooler Co., 110 W. Seventh
 St., Box 190, and 128½ W. Seventh St.,
 Junction City, Kan.
ULLER, Charles A. (M 1913) (Council, 1917)
 Partner, • Slocum & Fuller, 18 E. 41st St.,
 New York, and 501 E. Fifth St., Mt. Vernon,
 N. Y.
ULLER, Elbridge W. (M 1938) Engr., Nor-
 ton R. Gauge Co., 601 N. Maine Ave., Miami
 32, and • 1524 Garcia Ave., Coral Gables, Fla.
ULLER, Roger A. (M 1941) Lieut. Comdr.,
 U.S.N.R., • Upper West Ward-20, Fitzsimons
 General Hospital, Denver 3, Colo.
ULLMAN, James B. (J 1941) Ensign, U. S.
 Navy Reserve, Bldg. 3, 10th Floor, Brooklyn
 Navy Yard, and • 26 East 10th St., New
 York 3, N. Y.
ULMOR, Ira P. (M 1942) Owner, • Air Con-
 ditioning Co. of Southern Calif., 1003 Santa
 Fe Ave., Los Angeles 21, and 2085 E. Foot-
 hill Blvd., Altadena, Calif.
URDER, Stanley L. (A 1941) Modutrol Div.,
 Minneapolis-Honeywell Regulator Co., 3101
 Gillham Plaza, and • 1156 East 66th St.,
 Kansas City, Mo.

G

ABLE, H. R. (A 1939) Design Engr., • Union
 Steel Products Co., 500 N. Berrien, and 917
 N. Clinton, Albion, Mich.
AIR, Kenneth B. (A 1943; J 1939) Super-
 visor, Aircraft School, Briggs Indiana Corp.,
 and • 1712 E. Gum St., Evansville, Ind.
ALLMEIER, Sigmund H. (M 1943) Mech.
 Engr., Argonaut Realty Division, General
 Motors Corp., 307 General Motors Research
 Bldg., Second & Milwaukee, and • 13495
 Ilene, Detroit, Mich.
ALLOWAY, David (M 1941) Sales Engr.,
 • Bowen Refrigeration Supplies, 311 Peach-
 tree, Atlanta, and 1015 E. Lake Drive., De-
 catur, Ga.

Allison Division, General Motors Corp., and
 • 1428 N. Pennsylvania St., Indianapolis,
 Ind.
GAMBLE, Cary B. (M 1940; A 1935) Cons.
 Engr., • 3432 Upperline St., New Orleans 15,
 La.
GAMMILL, O. Elbridge, Jr. (M 1940; A 1937;
 J 1930) Sales Engr., • Carrier Corp., 710 N.
 Harwood, and 4421 Glenwood St., Dallas, Tex.
GANNON, Russell R. (M 1939) Owner, • Rus-
 sell R. Gannon Co., 223 Gwynne Bldg., and
 8442 Grand Vista Ave., Pleasant Ridge, Cin-
 cinnati, Ohio.
GANT, H. P. (M 1915) (Presidential Member)
 (Pres., 1923; 1st Vice-Pres., 1922; 2nd Vice-
 Pres., 1921; Council 1918; 1921-24) Dir. of
 Planning, Philadelphia Ordnance District, 160
 S. Broad St., Philadelphia, and • E. D. 1,
 Glenmoore, Pa.
GARBER, William E., Jr. (A 1944; J 1938)
 Sales Mgr., Farquar Htg. Service Co., 3408
 E. Tenth St., Indianapolis, and • Rural Route
 1, Fairland, Ind.
GARDNER, C. Rollins (A 1937) Vice-Pres.,
 • Martyn Brothers, Inc., 911 Camp St., Dallas
 2, and 4417 E. Lancaster Ave., Ft. Worth 3,
 Texas.
GARDNER, Marvin K. (J 1944) Naval Archt.,
 • U. S. Maritime Commission, 310 S. Michi-
 gan, Chicago, and 317 Washington, Evanston,
 Ill.
GARDNER, William (A 1921) Garden City
 Fan Co., 332 S. Michigan Ave., and • 7536
 Loomis Blvd., Chicago, Ill.
GARNEAU, Leo (M 1938; J 1930) Sales Engr.,
 • C. A. Dunham Co., Ltd., Rm. 332 Dominion
 Square Bldg., 1018 Ste. Catherine St., W.,
 Montreal, and 34 Coolbreeze Ave., Lakeside,
 Que., Canada.
GARRARD, Walter M. (M 1941) Owner, • Gar-
 rard & Co., 313 Bona Allen Bldg., Atlanta,
 Ga.
GARRISON, C. Hill (M 1943) Owner, • C. H.
 Garrison Co., 406 West 34th St., Kansas City
 2, and R. F. D. 3, Lee's Summit, Mo.
GATES, A. S., Jr. (M 1943; A 1941) Engr.
 (Naval Arch.) Bureau of Ships, Code 638,
 Navy Dept., Washington, D. C., and • 111
 County Rd., Kensington, Md.
GATES, James N. (M 1944) Htg., Vtg. & Air
 Cond. Engr., Air Conditioning Engineering
 Co., 90 Memorial Dr., Cambridge, and • 49
 Vinal Ave., Somerville, Mass.
GAULEY, E. R. (A 1935) Deputy Administra-
 tor of Plumbing, Heating and Air Cond.
 Supplies, • Wartime Prices & Trade Board,
 410 Victoria Bldg., Ottawa, and 4 Golley
 Ave., Toronto, Ont., Canada.
GAULT, George W. (J 1937; S 1934) Capt.,
 O. E. U. S. Army, Camp Claiborne, Louisi-
 ana, and • 403 Luray Ave., Alexandria, Va.
GAUSE, H. Chester (M 1937) Indust. Pr. Engr.,
 Alabama Power Co., 1002 Alabama Power
 Co. Bldg., 600 North 18th St., Birmingham
 2, and • 3916 Monteville Rd., Birmingham 9,
 Ala.
GAUSEWITZ, William H. (A 1937) Pres.,
 • Yale Engineers, Inc., 2919 Fremont St.,
 and 1321 W. Minnehaha Pkwy., Minneapolis,
 Minn.
GAUSMAN, Carl E. (M 1923) Partner, Gaus-
 man & Moore, 1026 First National Bank
 Bldg., and • 2360 Chilcombe Ave., St. Paul,
 Minn.
GAVIN, Joseph A. (M 1944) Mech. Engr.,
 Eastern Aircraft-Trenton Division, General
 Motors Corp., Parkway Ave., Trenton, N. J.,
 and • 39 E. Hendrickson Ave., Morrisville,
 Pa.

• Hoffman Specialty Co., Inc., 130 N. Wells St., Chicago, and 362 N. York St., Elmhurst, Ill.

GAYMAN, Paul (M 1938) Branch Mgr., • Johnson Service Co., 2142 East 19th St., Cleveland, and 20875 Endsley Ave., Rocky River, Ohio.

GAYNER, James (M 1937) Cons. Engr., • 280 California St., San Francisco 11, and 327 Magnolia Ave., Piedmont, Calif.

GEHEL, Kurt M. (J 1944; S 1940) Cpl., U. S. Army Air Forces, Link & CNT Dept., Wendover Field, Utah, and • 229-120th St., Rockaway Beach, N. Y.

GEHRS, Wm. (A 1939) Br. Mgr., • Johnson Service Co., 316 American Bank Bldg., and 3801 S.E. Woodward St., Portland, Ore.

GEIGER, Irvin H. (M 1919) Reg. Prof. Engr., • 410 Telegraph Bldg., and 240 Maclay St., Harrisburg, Pa.

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- HAPPERFIELD, G. J. (M 1943) Managing Dir., Chandes Engineering Co., Ltd., 10 Chandes St., Cavendish Sq., London, and • 468 Staines Rd., Twickenham, Middlesex, England.
- HARBERGER, G. L. (A 1939) Mgr., Boiler & Htg. Dept., Eastern Foundry Co., Boyertown, and • 641 King St., Pottstown, Pa.
- HARBIN, Frank, Jr. (M 1941) Engr., • Home Furnace Co., Sixth St. & P. M. Ry., and 181 W. 21st St., Holland, Mich.
- HARBORDT, Otto E. (A 1936) Sales Mgr., • U. S. Supply Co., 1315 W. 12th St., and 4600 Mill Creek Pkwy., Kansas City, Mo.
- HARD, Amos L. (A 1938) Chief Engr., Thos. Emery & Sons Co., Carew Tower, and • 910 Kreis Lane, Cincinnati 15, Ohio.
- HARE, W. Almon (M 1930) Prop., • Hare Engineering Co., Cons. Designing Engrs., 155 W. Congress St., Detroit 26, Mich., and 833 Kildara Rd., Windsor, Ont., Canada.
- HARDEN J. Clinton (M 1938) Engr., Round Oak Co., and • 106 Courtland St., Dowagiac, Mich.
- HARDIN, James T. (M 1943) Mgr., Htg. Dept., • Roland M. Cotton Co., 1720 E. Tenth St., and 1204 West 29th St., Indianapolis, Ind.
- HARDING, Edward R. (M 1936) State Sales Engr. and Mgr., • Kewanee Boiler Corp., P. O. Box 536, 1003 Jefferson Std. Bldg., Greensboro, and Guilford College, N. C.
- HARDING, Louis A.* (Life Member; M 1911) (Presidential Member) (Pres., 1930; 1st Vice-Pres., 1929; 2nd Vice-Pres., 1928; Council, 1922-1931) • 85 Cleveland Ave., Buffalo, N. Y.
- HARDING, Walter (M 1941) Supt. Engr., Air Ministry, N.E. Wing, Bush House, Kingsway, London, and • Danesfield House, 33 Bute Gardens, Wallington, Surrey, England.
- HARMONAY, William L. (A 1935) Pres., • Michael Harmonay Corp., 124 Elm St., and 1346 Midland Ave., Yonkers, N. Y.
- HARRIGAN, Edward M. (M 1916) Pres. and Gen. Mgr., • Harrigan & Reid Co., 1365 Bagley Ave., and 7450 LaSalle Blvd., Detroit, Mich.
- HARRIGAN, Edward R. (M 1939; J 1930) Lt., U. S. Navy, Navy Yard, New York, N. Y., and • 19 Erwin Place, Caldwell, N. J.
- HARRINGTON, David W. (A 1943) Sales Engr., • Dallas Air Conditioning Co., 2309 Canton St., and 1549 El Campo, Dallas, Texas.
- HARRINGTON, Elliott D.* (M 1932; A 1930) Mgr. Sales, Schenectady Induction Motors, • General Electric Co., 1 River Rd., Schenectady, and The Hawthorne, R. D. # 2, Altamont, N. Y.
- HARRINGTON, Larry J. (M 1941) Owner, The Larry Harrington Co., • 7415 S. W. Canyon Dr., Portland 1, Ore.
- HARRIS, Jesse B. (M 1918) Mgr., • Jesse B. Harris Co., 418 Essex Bldg., Minneapolis 2, and 3620 Colfax Ave., S., Minneapolis 8, Minn.
- HARRIS, Warren S.* (M 1942) Special Research Assoc., • University of Ill., 801 W. Green St., Urbana, Ill., and 1405 W. Park Ave., Champaign, Ill.
- HART, Harry M.* (Life Member; M 1912) (Presidential Member) (Pres., 1916; 1st Vice-Pres., 1915; Council 1914-17) Pres., • L. H. Prentice Co., 1048 Van Buren St., and 3730 Lakeshore Drive, Chicago, Ill.
- HART, John H. (M 1942) Lt., U.S.N.R., Navy Dept., Bureau of Ships, Washington, D. C., and • 1506 Mount Eagle Pl., Alexandria, Va.
- HART, Stanley (M 1938) Pres., • Tuttle & Bailey, Inc., New Britain, Conn.
- HART, Theodore S. (M 1938) Sales Mgr. Radiator Div., Tuttle & Bailey Inc., and • 530 Lincoln St., New Britain, Conn.
- HARTIN, William R., Jr. (A 1944; J 1935) Dist. Stove Rationing Officer, O.P.A., 2nd Fl., Liberty Life Bldg., Columbia, and • 2744 Tranholm Rd., Columbia, S. C.
- HARTMAN, John M. (M 1937) Engr., • Kewanee Boiler Corp., and 618 Elliott St., Kewanee, Ill.
- HARTON, A. J. (A 1935) Appl. Engr., St. Joseph Railway, Light Heat & Power Co., 514 Francis St., and • 730 E. Hyde Park, St. Joseph, Mo.
- HARTSOOK, Granville S., Jr. (A 1939) Owner, • Hartsook Pibg. & Htg. Co., 181 E. Main St., P. O. Box 361, Front Royal, Va.
- HARTWEIN, C. E. (M 1938) • St. Louis County Gas Co., 231 W. Lockwood Ave., Webster Groves, and 135 Peeke Ave., Kirkwood 22, Mo.
- HARTWELL, Joseph C. (Life Member; M 1922) Pres., • Hartwell Co., Inc., 87 Weybosset St., and 16 Freeman Parkway, Providence, R. I.
- HARVEY, Alexander D. (A 1928; J 1925) Sales Mgr., Craped Wadding Div., • Kimberly-Clark Corp., Neenah, Wis.
- HARVEY, Ernest W. (A 1943) Application Engr., • Westinghouse Elec. & Mfg. Co., 1014 Fairfax Bldg., and 210 East 72nd St., Kansas City, Mo.
- HARVEY, John W. (M 1942) Director and Chief Engr., Sterigas Construction Co., Ltd., 4 Milner St., London S.W. 3, England, and • 64 Crowscott Ave., Stanmore, Middlesex, England.
- HARVEY, Lyle C. (M 1928) Pres., • The Bryant Heater Co., 17825 St. Clair, and 2666 Leighton Rd., Cleveland, Ohio.
- HASHAGEN, John B. (M 1930) Chief Engr., A. B. Dick Co., 2040 W. Lake St., and • 4236 N. Mozart St., Chicago, Ill.
- HASTINGS, Addison (M 1942) Asst. Secy., Sales Engr., • Burnham-Boiler Corp., and • Lewis Rd., Irvington, N. Y.
- HATCH, George (A 1941) Pres., Air Conditioning Engineering Co., 1104 Bay St., and • Clarkson P. O., Ontario, Canada.
- HATCH, O. J. (A 1941) Mgr., • Clare Bros. Western, Ltd., 179 Notre Dame Ave., E., and 114 Chestnut St., Winnipeg, Man., Canada.
- HATTERSLEY, Eugene H. (M 1943) Member of Firm, A. Hattersley & Sons, 212 E. Main St., Ft. Wayne, Ind.
- HATTIS, Robert E. (M 1926) Cons. Engr., • 141 W. Jackson Blvd., Chicago 4, and 1454 Fargo Ave., Chicago, Ill.
- HAUAN, Merlin J. (M 1933) Consulting Engr., 3412-16th St., Seattle, Wash.
- HAUER, Fred (A 1938) Owner, • Fred Hauer & Co., 315 Elmhurst Ave., Peoria, Ill.
- HAUS, Irvin J. (A 1937; J 1935) Maintenance Supt., • Nash Kelvinator Corp., Seaman Body Plant, 3880 N. Richards St., and 2211 North 51st St., Milwaukee 8, Wis.
- HAUSMAN, Louis Michael (M 1935) (Mail Returned.)
- HAUSS, Charles F.* (Charter Member; Life Member) Retired, • Ball Heights, California, Ky.
- HAWES, Harold D. (J 1942; S 1940) Lt., U. S. Army, • Instructor AA School, AAS OCD Searchlight Dept., Camp Davis, N. C., and 454 Toilsome Hill Rd., Bridgeport, Conn.

Automatic Heating & Engineering Co., 416 N. Main St., and 411 S. Jamesson Ave.; Lima, Ohio.

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HAYES, Joseph G. (Life Member: M 1908) Pres. and Engr., Hayes Brothers, Inc., 236 W. Vermont St., and 2349 N. Capital Ave., Indianapolis; Ind.

HAYES, Orris J. (J 1944; S 1941) Tool Planner Aircraft Production, North American Aviation, Inc., and 1225 Metropolitan, Kansas City, Kan.

HAYMAN, A. Eugene, Jr. (A 1941; J 1935; S 1930) Sun Oil Co., Marcus Hook, Pa., and 2715 Washington St., Wilmington, Del.

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HELBURN, I. B. (M 1929; J 1927) Jr. Asso., Wyman Engineering, 1306 Chamber of Commerce Bldg., Cincinnati 2, and 731 Clinton Springs, Cincinnati 29, Ohio.

HELFINTINE, Roy J. (M 1943) Mech. Engr., Illinois State Geological Survey, 214 Geological Survey Laboratory, Urbana, and 55 E. Armory, Champaign, Ill.

HELLER, Joseph A. (A 1938) Air Conditioning Utilities Co., 9 West 40th St., and 150 West 79th St., New York, N. Y.

HELLMERS, Charles C., Jr. (A 1942; J 1927) Piping Supervisor, Stone & Webster, Clinton Engineer Works, Elza, and 184 Ash, Rock Gardens, Alcoa, and Box 59, Knoxville 1, Tenn.

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HELSTROM, Clifford W. (M 1938) Sales Mgr. and Vice-Pres., Globe Machinery & Supply Co., E. First and Court Ave., and 1614 Thompson, Des Moines, Iowa.

HELSTROM, Herman G. (M 1928) Firebox Boiler & Stoker Div., William Bros. Boiler & Manufacturing Co., 1057 Tenth Ave., S.E., and 4608 Arden Ave., S., Minneapolis, Minn.

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HEMINGWAY, John C. (A 1943) No. Calif. Distributor, H. C. Little Burner Company, Inc., Second & Lincoln St., San Rafael, and 101 Magnolia Ave., Larkspur, Calif.

HENDERSON, Alexander S. (J 1940; S 1938) Designing Engr., S. F. (Australia) Pty., Ltd., Oswald Lane, Darlinghurst, N. S. W., and 65 Eastwood Ave., Eastwood, N. S. W., Australia.

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HENDRICKSON, W. B. (A 1940) Staff Sgt., Harlingen Army Gunnery School, Harlingen, Tex., and c/o Miss Anna M. Hendrickson, 340 Carteret St., Camden, N. J.

HENDRIKSEN, Leonard (A 1933) Owner, Hendriksen Sheet Metal & Heating Service, 1919 Vernon Ave., Flint 6, Mich.

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HERBERT, James S. (J 1940) 1st Lt., U. S. Army, and 165 W. Sevier, Kingsport, Tenn.

HERBERT, Richard M. (J 1938) Lt., U. S. Army Air Corps, Lubbock Army Flying School, and 2314 Sixth St., Lubbock, Texas.

HERING, Alfred (M 1936) Pres., Hering Heating Co., Inc., and 1830 Tenbroeck Ave., New York 61, N. Y.

- HERMAN, Neil B. (A 1943; J 1937; S 1936) Lt. (jg) N.T.S. (I) 44076, Fort Schuyler, Bronx, New York 61, N. Y., and • 4217 Garfield Ave., S., Minneapolis 9, Minn.
- HERMANN, Harold N. (M 1942) Pres., • Carl J. Kiefer Associates, Inc., 26 E. Sixth St., and 3946 Ledgewood Dr., Cincinnati, Ohio.
- HERO, George A. Jr. (M 1940) Lt.-Comdr., U.S.N.R., and • 2649 Woodley Rd., Washington, D. C.
- HERRE, Harold A. (J 1941; S 1940) Ensign, Engineering Officer, • U.S.S. Humphreys, Fleet Post Office, San Francisco, Calif.
- HERRING, Edgar (Life Member; M 1919) Chairman and Governing Dir., • J. Jeffreys & Co., St. George's House, 195-208 Waterloo Rd., London, S.E. 1, and "Kenia," Keswick Rd., Putney, London, S.W., England.
- HERSH, Franklin C. (M 1939; A 1933; J 1936) Indus. Engr., Pennsylvania Power & Light Co., 901 Hamilton St., and • 817 South 16th St., Allentown, Pa.
- HERSHEY, Albert E. (M 1940) Research Engr., Westinghouse Elec. & Mfg. Co., Research Laboratories, East Pittsburgh, and • 10806 Frankstown Rd., Wilkinsburg 21, Pa.
- HERSKE, Arthur E. (M 1926) Pres., Au-Temp-Co. Corp., 521 Fifth Ave., New York 17, and • 101 Brookfield Rd., Mt. Vernon, N. Y.
- HERTY, Frank B. (M 1933) Prof. of Mech. Engrg., University of South Carolina, and • 1701 Pendleton St., Columbia, S. C.
- HERTZLER, John R. (M 1936; J 1928) Lt., U.S.N.R., Indus. Equip. Sec., Prod. Branch, Office of Procurement & Mat'l., Navy Dept., Army Navy Munitions Bld., and • 1109-16th St., N.W., Washington 6, D. C.
- HESSE, Arthur J. (M 1937) Engr., • English & Lauer, Inc., 1978 S. Los Angeles St., Los Angeles 11, and 897 Linda Vista Ave., Pasadena 2, Calif.
- HESSLSCHWERDT, August L., Jr. (M 1940; J 1937) Asst. Prof. Mech. Engrg., • Massachusetts Institute of Technology, Cambridge 39, and 28 Hillcrest Road, Milton 86, Mass.
- HESSLER, Lester W. (M 1936) Mgr., The Trane Co., 1835 N. Third St., and • 6034 N. Bayridge Ave., Milwaukee, Wis.
- HESTER, Thomas J. (M 1919) Pres., • Heater Bradley Co., 2825 Washington Ave., and 4406 McPherson Ave., St. Louis, Mo.
- HEWETT, John B. (M 1937; A 1935) Sales Mgr., Anemostat Corp. of America, 10 East 39th St., New York, and • 130 Cocbrane Ave., Hastings-on-Hudson, N. Y.
- HEYDON, Charles G. (A 1923) Mgr., Sales of Western Div., Wright Austin Co., 315 W. Woodbridge St., and • 2681 Nebraska, Detroit, Mich.
- HEYMSFIELD, Herbert R. (M 1941; A 1926) Automatic Htg. Instructor, Brooklyn Technical High School, and • 478 Third St., Brooklyn, N. Y.
- HICKEY, Daniel W. (A 1931) Pres., • D. W. Hickey & Co., Inc., 1841 University Ave., St. Paul 4, Minn.
- HICKMAN, Herbert V. (A 1938) Htg. Engr., • Neil H. Peterson Co., 1129 Folsom St., San Francisco, and 11 Palm Ave., San Rafael, Calif.
- HIERS, Charles R. (M 1929; J 1927) Modine Mfg. Co., 101 Park Ave., New York 17, and • 19 Westminister Rd., Great Neck, N. Y.
- HIGH, John M. (M 1940; A 1938) Mgr., Insulation Div., • The Ruberoid Co., 500 Fifth Ave., New York, N. Y.
- HILDER, Frederick L. (M 1937) Chief Engr., Electric Furnace-Man, Inc., Fourth & Furnace Sts., Emmaus, and • 2604 Walnut St., Allentown, Pa.
- HILL, Charles F. (A 1942; J 1936) • Box 1001, Houston, Texas.
- HILL, Edward, Jr. (A 1942; J 1939) Capt., U. S. Army, • 127 P.A. Bn. Btry. B. A. P.O. 85, c/o Postmaster, Nashville, Tenn., and 2300 Scot St., Nashville 6, Tenn.
- HILL, E. Vernon. M.D. (Life Member; M 1914; A 1912) (Presidential Member) (Pres., 1920; 1st Vice-Pres., 1919; 2nd Vice-Pres., 1918; Council 1916-21) Pres., E. Vernon Hill, and • 8826 Highland Ave., Chicago 81, Ill.
- HILL, Harold G. (M 1943; J 1938) Mech. Engr., Toronto Shipbuilding Co., Ltd., Fleet St., W., and • 7 Armadale Ave., Toronto, Ont., Canada.
- HILL, Harold H. (M 1936) Field Engr., • American Blower Corp., 438 Woodward Bldg., Washington 6, and 3002 Rodman St., N.W., Washington 8, D. C.
- HILL, Jared A. (M 1938) Dom. Utilization Engr., Pacific Gas & Electric Co., 245 Market St., San Francisco, and • 716 Laurel Ave., Burlingame, Calif.
- HILL, Vaughn H. (M 1942; J 1938) Mech. Engr., Board of Water & Electric Light Comm., and • 2111 Colvin Ct., Lansing 10, Mich.
- HILL, Walter W. (J 1940) Mgr., United Clay Products Co., 921 Investment Bldg., and • 3415 Fossenden St., W., Washington, D. C.
- HILLS, Arthur H. (M 1924) Mgr., Sarco Canada, Ltd., 85 Richmond St. W., and • 21 Nealon Ave., Toronto, Ont., Canada.
- HILMER, George O. (A 1944) Mech. Designer & Engr., Robert & Co., and • Piedmont Hotel, Atlanta, Ga.
- HIMELBLAU, Harry (A 1943) Secy.-Treas., • Himelblau, Byfield & Co., 36 S. Throop St., and 1720 Chase Ave., Chicago 26, Ill.
- HIMSEL, Stanley R. (A 1942) Mgr. of Htg. & Vtg. Dept., Lloyd L. Felker Co., 102 W. Aronald St., and • 903A W. 5th St., Marshfield, Wis.
- HINNANT, C. H., Jr. (M 1943; J 1938) Capt. C.E., Asst. Post Engr., • Ft. G. G. Meade, and 1 Osborne Ave., Catonsville, Md.
- HINRICHSSEN, Arthur F. (M 1928) Pres. and Treas., • A. F. Hinrichsen, Inc., 50 Church St., New York, N. Y., and 281 Morris Ave., Mountain Lakes, N. J.
- HIRSCH, Martin H. (M 1936) Asst. Supvr., Cox & Stevens, Naval Archts., 11 Broadway, New York, and • 104-21 68th Dr., Forest Hills, L. I., N. Y.
- HIRSCHMAN, William F. (M 1929) Pres. and Chief Engr., W. F. Hirschman Co., Inc., 1245 McKinley Pl., and • 165 LeBrun Circle, Buffalo, N. Y.
- HITCHCOCK, Paul C. (M 1931) Pres., • Hitchcock & Estabrook, Inc., 521 Sexton Bldg., and 5180 Harriet Ave., Minneapolis, Minn.
- HOBBIE, E. H. (A 1937) Mgr., Sales Promotion, • Mississippi Glass Co., 220 Fifth Ave., New York 1, N. Y., and Mt. Kemble Ave., R.F.D. 2, Morristown, N. J.
- HOBBBS, J. C. (M 1920) • 60 Wood St., Painesville, Ohio.
- HOBBBS, William S. (A 1936) Sun Oil Co., 1608 Walnut St., Philadelphia, and • 327 Park Ave., P. O. Box 269, Swarthmore, Pa.
- HOCKENSMITH, Francis E. (M 1936) Chief Engr., • Lennox Furnace Co., Inc., 400 N. Midler Ave., and 458 Plymouth Dr., Syracuse, N. Y.
- HODEAUX, Walter L. (M 1931) Owner, W. L. Hodeaux Pibg. & Htg. Co., 205 Lakeview Ave., and • P. O. Box 634, West Palm Beach, Fla.
- HODGE, William B. (M 1934) Vice-Pres., • Parks-Cramer Co., 2000 South Blvd., and 2600 Roswell Ave., Charlotte, N. C.

Mgr., Sears, Roebuck & Co., Hudson Bldg. and 32nd St., Union City, and • 520 Burton Ave., Hasbrouck Heights, N. J.

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HOFFMANN, Angelo (A 1938) Vice-Pres., • Louis Hoffmann Co., 117 W. Pittsburgh Ave., Milwaukee 4, and 4850 N. Oakland Ave., Milwaukee, Wis.

HOFFMANN, Walter A. (A 1944) Engr., • L. S. Ayres & Co., Indianapolis 9, and 606 Cottage Ave., Indianapolis, Ind.

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HOYT, Robert A. (J 1943) Supt. of Furnace Installation, Hall-Neal Furnace Co., 1822 N. Capitol Ave., and • 534 S. Rybolt St., Indianapolis, Ind.

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HUMPHREYS, Clark M. (M 1931) Asst. P. of Mech. Engrg., • Carnegie Institute Technology, Schenley Park, Pittsburgh and 1934 Remington Dr., Pittsburgh 21.

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2

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KEENEY, Frank P. (A 1915) Pres., • Keeney Publishing Co., 6 N. Michigan Ave., Chicago, Ill.

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KEIM, Eugene C. (M 1944) Branch Mgr., • C. S. Radiator & Pacific Steel Boiler Corp., 31; E. New York St., and 3222 Park Ave., Indianapolis, Ind.

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- KENT, Laurence F. (A 1927; J 1924) Pres., • Monerief Furnace Co., P. O. Box 1673, and 1515 Morningside Dr., N.E., Atlanta, Ga.
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- KERN, Raymond T. (M 1927) Chief Engr., Jennison Co., Fitchburg, and • 51 Claflin St., Leominster, Mass.
- KERR, Gerald C. (A 1940) Acoustical Engr., • Taylor-Seidenbach, Inc., 1401 Tchoupitoulas St., and 625 Pine St., Apt. 2, New Orleans, La.
- KERR, Robert (M 1943) Gen. Mgr., • Universal Sheet Metals, Ltd., 980 Queen St., E., and 30 Woodington Ave., Toronto, Ont., Canada.
- KERR, William E. (M 1937) South Carolina Repr., • Barnes & Jones, Inc., 1201 Hyatt Ave., Columbia, S. C.
- KERSHAW, Melville G. (M 1932; A 1926; J 1921) Vtg. and Air Cond. Engr., • E. I. duPont de Nemours & Co., Wilmington, Del., and 7313 North 21st St., Philadelphia, Pa.
- KESSLER, Clarence F. (M 1938) Asso. Prof.-Mech. Engrg., • University of Michigan, 241 W. Engineering Bldg., and 1756 Broadway, Ann Arbor, Mich.
- KETCHUM, E. R. (M 1943) Engr., The Marley Company, Inc., 3001 Fairfax Rd., Kansas City 15, Kan., and • 3637 Benton Blvd., Kansas City 3, Mo.
- KEYES, Marcus W. (M 1942) Lt. U.S.N.R., and 5514 Brennon Lane, Chevy Chase, Md.
- KEYSER, Herman M. (A 1937) M. W. Sales & Co., 801 W. Baltimore, Detroit, and • 10703 Hart, Huntington Woods, Mich.
- KICZALES, Maurice D. (M 1935) Chief Air Cond. Engr., • U. S. Army Motion Picture Service, Tower Bldg., 14th & K Sts., Washington 25, D. C.
- KIDD, Charles R. (M 1942; A 1938) Sr. Mech. and Elec. Maintenance Engr., Federal Public Housing Authority, Rm. 411, Longfellow Bldg., and • 54 V St., N.W., Washington, D. C.
- KIEFER, E. J. (A 1932; J 1928) Mgr., • H. C. Archibald Co., 406 Main St., and 108 N. Sixth St., Stroudsburg, Pa.
- KILLEEN, Edmund F. (A 1941) 854 Barker Bldg., Minneapolis, Minn.
- KILLIAN, Vic J. (A 1937) Pres., • V. J. Killian Co., 907 Linden Ave., Winnetka, Ill.
- KILLIAN, William J. (A 1940) Lt. U.S.N.R., Bureau of Yards & Docka, Navy Dept., War Plans Division, Washington 25, D. C., and • 4629 36th St., S., Arlington, Va.
- KILLOREN, Donald E. (S 1941) 1st Lt., U. S. Army, Co. P 27th Bn., Ft. McClellan, Ala., and • 306 Forny Hall, Jacksonville, Ala.
- KILNER, John S. (M 1929) Detroit Reg. • Dollinger Corp., 1091 Seminole Ave., Detroit 14, Mich.
- KILPATRICK, William S. (M 1923) • W. Kilpatrick & Co., 1100 East 33rd St., I. Angeles, Calif.
- KIMBALL, Charles W. (M 1915) Pres. • Richard D. Kimball Co., 6 Beacon St. Boston, and 65 Prescott St., West Medford, Mass.
- KIMBALL, Dwight D. (Life Member; M 190 (Presidential Member) (Pres., 1915; 2 Vice-Pres., 1914; Board of Governors, 1913; Council, 1914-16) Cons. Engr., • 17 Grand Central Terminal Bldg., and 145 West 58th St., New York, N. Y.
- KIMBLE, Carl W. (A 1943; J 1938) Owner • Advance Heating & Sheet Metal Work 315-24th St., and 2020-33th St., Rock Island Ill.
- KING, A. C. (M 1936) Cons. Engr., • 35 Dearborn St., Chicago 3, Ill.
- KING, John S. (A 1940) Engr., Anthrac Industries Laboratory, and • P. O. Box 7 Primos, Delaware Co., Pa.
- KING, Thomas E. (M 1943) Vice-Pres. • Lord & Burnham Co., 2 Main St., Irvington, N. Y., and 47 Jane Ave., Hartada, N. Y.
- KINGSLAND, George D. (M 1935) • R.R. # Eureka, Mo.
- KINGSWELL, William E. (M 1935) Pres. • William E. Kingwell, Inc., 3707 Georgia Ave., N.W., Washington, D. C., and R. F. 1 Silver Spring, Md.
- KINNEY, Aldon M. (M 1936) Pres., • A. J. Kinney, Inc., 1211 Enquirer Bldg., Cincinnati 2, and Box 163 Indian Hill Rd., Indian Hill, Cincinnati, Ohio.
- KIPE, J. Morgan (M 1919) Dir. of Education Anthracite Industries, Inc., 2204 Walnut St Philadelphia, and • 801 Homestead Ave Beechwood, Upper Darby P. O., Pa.
- KIRKBRIDE, J. Owen (M 1938) Partne Parent & Kirkbride, Fourth & Locust Sts Philadelphia 6, Pa., and 1121 Eldridge Ave West Collingswood, N. J.
- KIRKENDALL, Horton J. (M 1942; A 1935 Sales Repr., Htg. Equipment, • 291 Catalpa Pl., Pittsburgh 16, Pa.
- KIRKPATRICK, Arthur H. (M 1935; J 1931 Dist. Mgr., • Ilg Electric Ventilating Co 415 Brainard St., and Hotel Webster Hal Detroit, Mich.
- KIRSCHHOFFER, Ferd J. (A 1943) Owner • Federal Home Htg. Co., 187 Delaware Ave., Buffalo 2, N. Y.
- KIRTLAND, Eugene M. (A 1940) Pres. • Engineering Specialty Co., 204 W. Ridge Rd., and 2900 W. Beverly Drive, Gary, Ind.
- KITCH, Richard B. (M 1941) Regis. Engr Mfrs. Repr., • 814 Palmer Bldg., and 1 Druid Hills Rd., Rte. #2, Atlanta, Ga.
- KITCHEN, Darley E. (A 1944) Owner, Kitch Coal & Heating Co., and • 364 E. Hunter Logan, Ohio.
- KITCHEN, Francis A. (A 1927; J 1925) Pres. • American Warming & Ventilating Co 1514 Prospect Ave., Cleveland, and 207 Campus Rd., South Euclid, Ohio.
- KITCHEN, John H. (Life Member; M 1906 Pres.-Mgr., • John H. Kitchen & Co., 101 Baltimore Ave., and 5015 Westwood Terrace Kansas City, Mo.
- KITCHEN, William H. J. (A 1938) Elec'l. Lt (Installation Officer) • Royal Canadian Navy Volunteer Reserve, Box 713, and 219 Yong St., W., Midland, Ont., Canada.
- KLACES, Frank E. P. (M 1940) Dist. Mgr. • The Powers Regulator Co., 1034 Jefferson Standard Bldg., and 1512 Edgedale Rd. Greensboro, N. C.

Webster & Co., 152 Nassau St., N.W., Atlanta 3, and 3845 Peachtree Rd., Atlanta, Ga.
KLEINKAUF, Henry Y. (M 1938; J 1937) Partner, Natkin & Company, 506 South 18th St., Omaha 2, and 1855 South 90th St., Omaha, Nebr.
KLEINHOMER, William G. (A 1943) Vent. Engr., Gielow, Inc., 25 West 43rd St., New York, and • 2142 Troy Ave., Brooklyn, N. Y.
KLIE, Walter (M 1916) Pres., • The Smith & Oby Co., 6107 Carnegie Ave., Cleveland 3, and 18411 S. Woodland Rd., Shaker Heights, Ohio.
KLIEFOTH, Max H. (A 1938) Treas., • Research Products Corp., 1015 E. Washington Ave., and Woodward Grove, Madison, Wisc.
KLINK, Erwin J. (J 1942) 220 E. Alexandrine, Detroit, Mich.
KLUCKHUHN, Frederick H. (J 1940) Army Air Corps, Aviation Cadet, AAFTS—Rm. 2543 Entrance L., Sterling Hall, Yale Univ., New Haven, Conn., and • 1110 Montgomery Ave., Laurel, Md.
KLUGE, Burnett M. (A 1944; J 1938) Sales Engr., Bayley Blower Co., 1817 South 66th St., and • 1236 South 46th St., Milwaukee, Wis.
KNAB, Edward A. (M 1930) Sole Owner, • E. A. Knab, Htg. & Plbg. Contr., 4823 N. Bartlett Ave., Milwaukee 11, Wisc.
KNEPPER, H. H. (A 1938) • Box 852, Marshall, Texas.
KNIBB, Alfred E. (M 1930) Htg. Engr., • L. L. McConachie Co., 1003 Maryland Ave., Detroit 30, and 9333 E. Jefferson Ave., Detroit 14, Mich.
KNIGHT, John T., Jr. (M 1941) Cons. Engr., • 629 Common St., and 1538 Fourth St., New Orleans, La.
KNOWLES, Elwin L. (A 1937) Prop., • Knowles Air Conditioning, Marshall Heating Co., 1824 Marshall St., N.E., and 400 Thomas Ave., S., Minneapolis, Minn.
KNOX, John C. (A 1938) Vice-Pres., • Waterloo Register Co., 600 Anita St., and 176 Gates St., Waterloo, Iowa.
KNOX, Walter (M 1943) Development Engr., • H. D. Conkey Co., Mendota, Ill.
KOCH, Albert H. (M 1938) Regional Manager, Minneapolis-Honeywell Regulator Co., 101 Marietta Bldg., and • 116 Terrace Dr., N.E., Atlanta, Ga.
KOCH, Richard G. (A 1936) House Heating Engr., • Milwaukee Gas Light Co., 625 E. Wisconsin Ave., Milwaukee 2, and 5707 W. Brooklyn Pl., Milwaukee 10, Wisc.
KOEHLE, C. Stewart (A 1936) Sales Engr., Minneapolis-Honeywell Regulator Co., 221 Fourth Ave., and • 4374 Richardson Ave., New York 66, N. Y.
KOEHLE, Geo. N. (M 1943) Dist. Repr., Minneapolis-Honeywell Regulator Co., and • 6718 Colbert St., New Orleans, La.
KOENIG, Andrew C. (J 1940) T/Sgt. 35156377, H. & S. Co., 118th Engr. Bn., A. P. O. 38, Camp Livingston, La., and • 701 E. Missouri St., Evansville 11, Ind.
KOLAKOSKI, Roman (A 1942) Owner and Mgr., • Clarendon Plumbing & Htg. Co., 4846 25th Rd., N., Arlington, Va.
KOLASA, Marion J. (J 1942) Engr., Gar Wood Industries, Htg. Div., 7924 Riopelle, and • 2663 Frederick, Detroit, Mich.
KULB, Fred W. (M 1938) • 598 Monadnock Bldg., San Francisco 5, and 82 Macdonay St., San Francisco, Calif.
KOLB, Robert P. (M 1939) Lieut.-Comdr., U.S.N.R., • Postgraduate School, U. S. Naval Academy, Annapolis, Md., and 215 May St., Worcester, Mass.

tag Stove & Furnace Works, 2011 N. Columbia Blvd., and • 6104 N. Missouri Ave., Portland, Ore.
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KOOISTRA, John F. (M 1933) Branch Mgr., • Carrier Corp., 625 Market St., San Francisco 5, and 1128 Cortes Ave., Burlingame, Calif.
KORN, Charles B. (M 1922) Member of Firm, Reber-Korn Co., 817 Cumberland St., and • 1022 S. Eighth St., Allentown, Pa.
KOSTER, Howard H. (A 1942; J 1939) Asst. Prof. Mech. Engrg., George Washington University, Washington, D. C., and • Sylvan Drive, Sleepy Hollow, Falls Church, Va.
KRAMIG, Robert E., Jr. (A 1938) Vice-Pres. and Treas., • R. E. Kramig & Co., Inc., 222-4 East 14th St., Cincinnati 10, Ohio.
KRAPOHL, William H. (M 1941) Sr. Engr. (Htg.) U. S. Government, 31 St. James Ave., Boston, and • 79 Prospect St., W. Roxbury, Mass.
KRATZ, Alonzo P. (M 1925) (Council, 1938-43) Research Prof., • Dept. of Mech. Engrg., University of Illinois, and 1003 Douglas Ave., Urbana, Ill.
KREINER, Jack (A 1940) Owner, • 153 East 26th St., New York, N. Y.
KREMER, R. H. (M 1943) Secy., • Kupferle-Hicks Heating Co., 3974 Delmar Blvd., St. Louis 8, and 473 Oakwood Ave., Webster Groves 19, Mo.
KRENTZ, Alfred S. (M 1937; A 1935) Pres.-Treas., • Krenz & Co., 6114 W. Center St., Milwaukee 10, and 7933 W. Milwaukee Ave., Wauwatosa 13, Wis.
KREZ, Leonard (A 1935) Vice-Pres., • Paul J. Krez Co., 444 N. LaSalle St., Chicago, Ill.
KRIBB, Charles L., Jr. (M 1935) Procurement Mgr., Winston-Haglin-Missouri Valley-Sollitt, P. O. Box 751, Beaumont, and • 3416 Drexel Drive, Dallas, Tex.
KRIEBEL, A. E. (M 1920) Sales Engr., • Haynes-Blankin Corp., 1124 Spring Garden St., Philadelphia, and Berwyn, Chester Co., Pa.
KROEGER, J. Donald (M 1936) Capt., C.E., U. S. Army, and • 6831 N.E. Skakiyou St., Portland 13, Ore.
KRUEGER, James I. (Life Member; M 1921) Retired, • c/o Capt. A. P. Krueger, 1770 Arch St., Berkeley, Calif.
KRUSE, W. C., Jr. (M 1938) Owner, • Kruse Engineering Co., 24 Commerce St., Newark, and 32 University Court, South Orange, N. J.
KUCERA, Henry T. (M 1943) Vice-Pres., • Marsh Tritrol Co., 600 S. Michigan Ave., Chicago, and 15 Elder Lane, La Grange, Ill.
KUCHER, Andrew A. (M 1938) Director of Research, • Bendix Aviation Corp., Research Laboratories, 4855 Fourth Ave., Detroit 1, and 98 Merriweather Rd., Grosse Pointe Farms 30, Mich.
KUCINSKI, William V. (A 1938) Pres., General Conditioners, Inc., 639 Summer Ave., Newark, and • 327 Union Ave., Belleville, N. J.
KUECHENBERG, William A. (M 1937) Pres., • R. B. Hayward Co., 1714 Sheffield Ave., Chicago, and 427 Elmore Ave., Park Ridge, Ill.
KUEMPER, Leon L. (M 1936; J 1929) Owner, Kuempel Engineering Co., 2331 Gilbert Ave., and • 3702 Homewood Rd., Cincinnati, Ohio.
KUGEL, H. Kenneth (M 1938) Chief Engr., Smoke Regulation & Boiler Inspection, 102 District Bldg., Washington 4, and • 3825 Morrison St., N.W., Washington 15, D. C.

esco, Inc., 50 Church St., New York, and 21 Delta Place, Goshen, N. Y.
KUMMER, Calvin J. (A 1942; J 1938) 1st Lt., • 72nd F.A., Fort Bragg, N. C., and R. R. 3, Box 130, Louisville, Ky.
KUNEN, Herbert (J 1938) Ensign, Ft. Schuyler, New York, and • 139-06 Pershing Crescent, Jamaica 2, N. Y.
KUNTZ, Edward C. (J 1937) Asst. Engr., U. S. Engineers, 1114 Market St., and • 6516a Morganford Rd., St. Louis 16, Mo.
KUNZOG, Theodore W. (M 1939) Sales Engr., Moraine Products Div., 1420 Wisconsin Blvd., Dayton 1, and • 116 Wisteria Drive, Dayton, Ohio
KURTH, Franz J. (M 1937) Vice-Pres., • Anemostat Corporation of America, 10 East 39th St., New York, and 610 Cortlandt Ave., Mamaroneck, N. Y.
KURTZ, Otto (M 1941) Cons. Engr., Plumbing-Heating-Ventilating-Electric, and • 3518 Grove St., Oakland 9, Calif.
KURTZ, Robert W. (J 1936) Capt., Ordnance Dept., U. S. Army, • Elwood Ordnance Plant, Joliet, Ill., and Air Conditioning Co., 3215 McKinney, Houston, Texas.
KWAN, I. K. (M 1933) (Mail Returned)

L

LABONNE, Henri (A 1940) Capt., Canadian Army, • 64 B Brooks St., Sherbrooke, Que., Canada.
LADD, David (M 1938) Lt. Comdr., U. S. Naval Reserve, and • 305 Wadsworth Ave., Philadelphia 19, Pa.
LAGODZINSKI, Harry J. (A 1927; J 1920) Sales Engr., • Ilg Electric Ventilating Co., 222 N. LaSalle St., Chicago, and Crystal Lake, Ill.
LAIR, Paul H. (M 1940) Indus. Engr., Stone & Webster Engineering Corp., 49 Federal St. Boston, and • 50 Dwindle Rd., Waban, Mass.
LAMONTAGNE, A. E. (A 1936) Sales Mgr., • Gurney Foundry Co., Ltd., 100 Principal St., St. Laurent, and 5040 Victoria Ave., Montreal, Que., Canada.
LANDAU, Mitchell (M 1937) • 1851 Widener Pl., Philadelphia, Pa.
LANDAUER, Leo L. (M 1938; J 1932) Lieut. (JG) U. S. N. R., • Bureau Yards & Docks, Navy Dept., and • 3726 Connecticut Ave., N. W., Washington, D. C.
LANDERS, John J. (M 1936; J 1924) • Landers Engineering Co., 170 Franklin St., Buffalo, and 120 Burroughs Drive, Snyder, N. Y.
LANDES, Bates E. (M 1938) Mech. Engr., Lake Shore Tire & Rubber Co., East 24th & Scott, and • 1603 47th St., Des Moines 10, Iowa
LANDFRIED, Charles L. (M 1942) Chief Engr., • Tuttle & Bailey, Inc., and 5 Texas Drive, New Britain, Conn.
LANGAN, James (S 1943) P.F.C., U. S. Army, and • 505 Fernhill Ave., Pittsburgh 26, Pa.
LANGBERT, Martin (A 1941) Engr., Carroll Sheet Metal Works, 4610 74th St., Winfield, and • 3715 33rd St., Jackson Heights, L. I., N. Y.
LANGDON, Edwin H. (M 1941) Partner, • Langdon-Boukner Co., 966 Dexter-Horton Bldg., and • 426 W. Roy St., Seattle 30, Wash.
LANGDON, Tom C. (J 1943) Owner, • T. C. Langdon Co., 31 S. W. Pine St., Portland 4, and • 500 N. F. Wendler St., Portland, Ore.
LANGR, Fred F. (A 1934) Lt. U. S. N. R., • The Mechanical Service Co., 809 Pence Bldg., Minneapolis, and 510 Fourth Ave., S. W., Fairmont, Minn.

AXIAL FLOW FAN DESIGNS, Lear Avia, Inc., Piqua, and • 224 Jackson St., Piqua, Ohio.
LANING, Benjamin A. (M 1942) Utility Officer, • Veteran's Administration, Veteran's Hospital, Columbia, S. C.
LANOU, J. Ernest (M 1931) Mgr., • F. S. Lanou & Son, 90 St. Paul St., and 48 Brookes Ave., Burlington, Vt.
LAHAUS, Julius (A 1943; J 1940) Prod. Engr., General Instrument Corp., 329 Newark Ave., Elizabeth, N. J., and • 22-21-76th St., Jackson Heights, L. I., N. Y.
LAROI, George H., II (A 1942; J 1936) Elec'l. Engr. and Adv. Mgr., • McDonnell & Miller, Wrigley Bldg., Room 1316, Chicago 11, and 505 Vine Ave., Park Ridge, Ill.
LARSON, Carl W. (M 1936) Htg. Engr. and Sales Repr., Barnes & Jones, Inc., Rm. 1219, Industrial Trust Bldg., Providence, R. I., and • 184 Sycamore St., Roslindale, Mass.
LARSON, Clifford P. (A 1939; J 1936) Sgt., • Hq. Co. and Sch. Bn., Camp Savage, Minn.
LARSON, G. L.* (M 1923) (Presidential Member) (Pres., 1936; 1st Vice-Pres., 1936; 2nd Vice-Pres., 1934; Council, 1929-37) Prof. of Mech. Engrg., • University of Wisconsin, Mechanical Engineering Bldg., and 1218 Sweetbriar Rd., Shorewood Hills, Madison, Wis.
LARUE, Perry (M 1938) Director, Bldgs. and Grounds Dept., • Independent School District, 829 Third St., and 1321-43rd St., Des Moines, Iowa.
LASETER, Frank L. (M 1938) 1st Lt. Co. FE, • 14 Capitol Parkway, Montgomery, Ala.
LA SALVIA, James J. (M 1930) Cons. Engr., • 2515 Eaton Rd., University Heights, Cleveland, Ohio.
LASHLEY, Walter L., Jr. (J 1943) Gen. Foreman of Air Cond., Allison Division, General Motors Corp., and • 6427 Park Ave., Indianapolis, Ind.
LATTERNER, Henry, Jr. (J 1940) Prod. Mgr., Falke Engineering Service, 4908 Hampden Lane, Bethesda, Md., and • 3600 Macomb St., N. W., Washington, D. C.
LAUBE, H. L. (M 1943) Carrier Corp., Syracuse, and • Route 1, Jamesville, N. Y.
LAUER, Harold B. (M 1930) Vice-Pres., • English & Lauer, Inc., 1978 S. Los Angeles St., Los Angeles, and 452 S. Spaulding Dr., Beverly Hills, Calif.
LAUER, Rodney F. (M 1941; A 1940; J 1936) Branch Mgr., • York Corp., 215 Investment Bldg., Washington 5, D. C. and 418 E. Leland St., Chevy Chase 15, Md.
LAUFKETTER, F. C. (M 1936) • Supt. of Maintenance, Hotel Jefferson, and 7056 W. Park Ave., St. Louis, Mo.
LAUTERBACH, Henry, Jr. (M 1935) Contract Engr., • Carrier Corp., 20 N. Wacker Drive, Chicago 6, and 6959 S. Merrill Ave., Chicago 49, Ill.
LAUTZ, Fritz A. (M 1936) Designing Engr., Holston Ordnance Works, Tennessee Eastman Corp., Kingsport, and • R. F. D. #1, Johnson City, Tenn.
LAVELLE, Anthony E. (A 1942) Vice-Pres., • The Gorman-Lavelle Plumbing & Htg. Co., 2341 East 22nd St., Cleveland, Ohio.
LAVORGNA, Michael L. (M 1941; A 1940) Mgr. Milwaukee Sales, • L. J. Mueller Furnace Co., 2005 W. Oklahoma Ave., Milwaukee 7, and 4472 N. Murray Ave., Milwaukee 11, Wis.
LAWLOR, John J. (M 1935) Mgr., Heating Div., The James Robertson Co., Ltd., 215 Spadina Ave., and • 60 Armadale Ave., Toronto, Ont., Canada.

MANUFACTURING, CHEMICAL & (IN 1930) DESIGN
 Mgr., U. S. Radiator Corp., 901 Wealey
 Temple Bldg., and • 5213 Washburn Ave., S.,
 Minneapolis, Minn.

LAWRENCE, Floyd D. (A 1928) Sales Engr.,
 • Clarage Fan Co., 500 Fifth Ave., Rm. 1024,
 New York 18, N. Y., and 60 Gardiner St.,
 Noroton Heights, Conn.

LAWRENCE, L. Frank, Jr. (M 1942; J 1938)
 Branch Engr., • Minneapolis-Honeywell Reg-
 ulator Co., 804-101 Marietta St. Bldg., At-
 lanta 8, and 796 Amsterdam Ave., N.E.,
 Atlanta, Ga.

LEAS, Nat N. (A 1943) Service & Installation
 Dept., Western Air & Refrigeration Co.,
 Inc., and • 118 N. Alexandria Ave., Los
 Angeles 4, Calif.

LEUREUX, Ezra E. (A 1943) Htg. and Mech.
 Engr., P. O. Box 566, Florence, Ala.

LEE, Burton H. (A 1940) • Mance Air Condi-
 tioning Corporation, 1841 Broadway at 60th
 St., New York 23, N. Y., and 34th St. &
 Holly Rd., Virginia Beach, Va.

LEE, Carl M. (A 1944) Supvr., Air Cond., Alli-
 son Division, General Motors Corp., Raymond-
 Tibbs, and • 4506 Farnsworth, Indianapolis,
 Ind.

LEE, James A. (M 1943; A 1937) Production
 Buyer, • Nash Kelvinator Corp., 25th Ave.,
 and 7801 Fifth Ave., Kenosha, Wis.

LEE, Robert J. (M 1941) Mech. Engr., The
 Ballinger Company, 105 South 12th St., and
 • 2358-77th Ave., Philadelphia 28, Pa.

LEE, Robert T. (J 1937; S 1936) Engr. in
 Charge, Charlotte War Products Pool, P. O.
 Box 59, and • 2405 Shanandoah Ave., Char-
 lotte, N. C.

LEEK, Charles W. (M 1938) Managing Dir.,
 Leek & Co., Ltd., 1111 Homer St., and • 4632
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LEEK, Walter (Life Member; M 1903) Pres.,
 • Leek & Co., Ltd., 1111 Homer St., and
 4769 W. Second Ave., Vancouver, B. C.,
 Canada.

LEFEBVRE, Eugene J. (M 1937) Engr., War-
 den King, Ltd., 2104 Bennett Ave., Montreal,
 Que., Canada, and • 378 Wood Ave., West-
 mount, Que., Canada.

LEFFEL, Paul C. (A 1941) Owner, The Leffel
 Company, 3323 Main, and • 316 East 75th
 St., Kansas City, Mo.

LEGLER, Frederick W. (M 1935; A 1933)
 Pres., • The Waterbury Co., 17 West 28th
 St., and 2219 Johnson St., N.E., Minneapolis,
 Minn.

LEHMAN, John L. (M 1942) Prod. Control
 Engr., Federal Tel. & Radio Corp., 1000
 Passaic Ave., East Newark, and • 12 Pitts-
 field St., Cranford, N. J.

LEHMAN, Max G. (A 1937) Owner, • M. G.
 Lehman, 720 O St., and 2011 Worthington,
 Lincoln, Nebr.

LEICHNITZ, Robert W. (A 1944; J 1936)
 Progressman, Puget Sound Navy Yard,
 Bremerton, and • 203 Belmont, N., Seattle 2,
 Wash.

LEILICH, Roger L. (M 1922) Pres., • The
 Wallace Stebbins Co., 100 S. Charles St., and
 Ruxton, Baltimore County, Md.

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 South 22nd St., Milwaukee, Wis.

LEINROTH, J. P. (M 1929) Gen. Industrial
 Fuel Repr., • Public Service Electric & Gas
 Co., 40 Park Pl., Newark, and 37 The Fair-
 wav., Montclair, N. J.

LEITCH, Arthur S. (M 1908) Pres. and Man-
 aging Dir., The Arthur S. Leitch Co., Ltd.,
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LEITGABEL, Kenneth A. (J 1941; S 1939)
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 East Hartford, and • Apt. B-6, 18 Denison
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Analyst, Redistribution Div., War Production
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 Arlington, Va.

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 San Francisco, and 704 The Alameda, Berke-
 ley 7, Calif.

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 Buffalo 2, and 708 W. Ferry St., Buffalo,
 N. Y.

LENONE, Jose M. (M 1919) Lt. Col., Design-
 ing Engr., • Wilson & Co., 4100 S. Ashland
 Ave., and 4982 Lake Park Ave., Chicago 18,
 Ill.

LEONARD, Lorcan C. G. (J 1937) Tech. Mgr.,
 • McCann Jeffreys, Ltd., 19-20 Ellis' Quay,
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LEONARD, Richard E. (A 1942; J 1941) Field
 Service Engr., • A. M. Byers Co., 634 Mun-
 sey Bldg., Washington, D. C.

LEONHARD, Lee W. (M 1936) Asst. Supt.,
 Eastman Kodak Co., Kodak Park, and • 1075
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LEOPOLD, Charles S. (M 1934) Consulting
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 Minneapolis-Honeywell Regulator Co., 2210
 Second Ave., and • 6345-39th S.W., Seattle 6,
 Wash.

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 • Ilg Electric Ventilating Co., 608 Mills
 Bldg., 17th & Penn Aves., N.W., Washing-
 ton 6, and 7201 Cobalt Rd., Wood Acres,
 Md., Washington 16, D. C.

LESSINGER, Edgar F. (A 1941) Owner, • Les-
 senger Plumbing & Heating Co., 221 S.
 Tenth St., and 814 North 18th St., Boise,
 Idaho.

LEUPOLD, George L. (A 1937) Capt., Meteoro-
 logical Division, Ripley Bldg., 429 N. Main
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LEUTHESER, Fred W., Jr. (M 1937) Secy.,
 • National Metal Products Corp., 21 N.
 Loomis St., Chicago, and 1715 North 77th
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 and Air Cond. Mechanic, New York Navy
 Yard, and • 1171 Ocean Parkway, Brooklyn
 30, N. Y.

LEVINE, Lawrence J. (J 1940) Ensign, U. S.
 Navy, and • 1378 East 12th St., Brooklyn,
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LEVITT, Leroy L. (A 1942; J 1940) Lt., U.S.
 N.R., and • 3826 Gwynns Falls Pkwy., Balti-
 more, Md.

LEVY, Marion I. (M 1938; A 1936; J 1931)
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LEWIS, Carroll E. (M 1930) Gen. Sales Mgr.,
 Delco-Appliance Div., General Motors Corp.,
 391 Lyell Ave., and • 9 Shelwood Dr., Roche-
 ster 10, N. Y.

LEWIS, Harry E. (A 1942; J 1939) Wool
 Prod. Supvr., General Prod. Engr., • Owens-
 Corning Fiberglas Corp., Nicholas Bldg., and
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LEWIS, Herald F. (M 1940; A 1937) Capt.,
 CAC, • Hq. Co. E.D.C., Governors Island,
 N. Y., and Vice-Pres., Dwight Oil Heat, 147
 Dongan Ave., Albany, N. Y.

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 Lewis Pibg. & Htg. Co., Inc., 412 East 31st
 St., and 3643 Charlotte St., Kansas City, Mo.

LEWIS, L. L. (M 1918) Vice-Pres., • Carrier
 Corp., S. Geddes St., Syracuse 1, and 207
 Sedgwick Dr., Syracuse, N. Y.

- LEWIS, Samuel R. (Life Member; M 1905) (Presidential Member) (Pres., 1914; 2nd Vice-Pres., 1910; Board of Governors, 1909-12; Council, 1914-15) Cons. Mech. Engr., 407 S. Dearborn St., Chicago 5, and 4737 Kimbark Ave., Chicago, Ill.
- LEWIS, Thornton (M 1919) (Presidential Member) (Pres., 1929; 1st Vice-Pres., 1928; 2nd Vice-Pres., 1927; Council, 1923-30) Chief Indus. Relations Br., Readjustment Div., Headquarters Army Service Forces, 637 Pentagon Bldg., Rm. 3C, and 2123 California St., Washington, D. C.
- LEWIS, V. J. (Mrs.) (A 1943) Secy. Treas., and Gen. Mgr., Dwight Oil Heat, 147 Donagan Ave., Albany, and Nassau, N. Y.
- LEWIS, W. Warner (A 1939) Mgr. Refrig. and Air Cond., Major Appliance Dept., Beeson Hardware Co., P. O. Box 1390, and 604 Woodrow Ave., High Point, N. C.
- LEY, Ralph B. (A 1940) Chief, Assignment Sect., Corps of Eng. War Dept., 23rd & C Sts., N.W., Washington, D. C., and 916 Park Ave., Falls Church, Va.
- LIBBY, Ralph S. (A 1939; J 1933) Sales Engr., Sheldons, Ltd., 98 Grand Ave., S., and 34 Elliott St., Galt, Ont., Canada.
- LICANDRO, James P. (A 1943; J 1938) Branch Engr., Carrier Corp., 1200 Statler Bldg., Boston 16, and 40 Elm St., Stoneham 80, Mass.
- LICHTY, C. P. (Life Member; M 1920) Mgr., C. P. Lichty Engineering Co., 1120 W. Main St., Durham, N. C., and 102 Ridge Road, Birmingham, Ala.
- LIEBLICH, Murray (J 1943; S 1940) Lt. (jg) U.S.N.R., Naval Air Station, Norman, Okla.
- LIFTON, David (J 1942; S 1939) Lt., Greenwood Army Air Field, Greenwood, Miss.
- LIGE, Walter W. (M 1941; A 1940) Produce Mgr., Bell & Gossett Co., 3200 N. Austin Ave., Morton Grove, and 904 Forest Ave., Deerfield, Ill.
- LIGHT, John C. (A 1938) Capt., Ord. Dept., Executive Officer, Frankford Ordnance Depot, Frankford Arsenal, Philadelphia 37, and 17 Belmar Rd., Hatboro, Pa.
- LIGHTHART, Charles H. (M 1935) Mfrs. Sales Engr., P. O. Box 112, Niagara Sq. Station, Buffalo, and Eden, N. Y.
- LILJA, Oscar L. (M 1943; A 1937; J 1938) Sr. Mech. Engr., Plant Engrg. Sect., Northwest Airlines, Inc., 1836 University Ave., St. Paul, and 5000-16th Ave., S., Minneapolis, Minn.
- LIMBACHER, Howard R. (M 1943) Research Engr., Ingersoll Steel & Disc Division, Borg-Warner Corp., 763 E. Vine St., and 525 Edgemoor Ave., Kalamazoo, Mich.
- LINCOLN, Roland L. (M 1935) Mgr., Dust Lab., B. F. Sturtevant Co., Hyde Park 36, Boston, and Box 97, Dover, Mass.
- LINDSAY, Griffith W., Jr. (M 1937) Pvt., Co. "S," 1st Regiment, Aberdeen Proving Ground, Md., and 301 N. Garland Ave., Dayton, Ohio.
- LINDSLEY, Forrest A. (A 1943) Salesman and Serv. Engr., Crane Co., 150 Randolph, Detroit 26, and 15543 LaSalle, Detroit 21, Mich.
- LINDSTROM, Donald F. (J 1941) Assoc. Engr., Alvin L. Lindstrom, Cons. Mech. Engr., 1013 Mortgage Guarantee Bldg., Atlanta 3, and 623 Yorkshire Rd., N.E., Atlanta, Ga.
- LINGEN, Ralph A. (A 1939; J 1938) Dist. Mgr., American Foundry & Furnace Co., 709 North 11th St., Milwaukee, and 6028 W. Wisconsin Ave., Wauwatosa, Wis.
- LINK, Charles H. (S 1941) In Service, Link Co., 114 N. Blackstone, and 607½ W. Franklin St., Jackson, Mich.
- LINSKIE, George A. (J 1939) Sect. Head, Pibg. & Htg. Sect., War Dept., U. S. Engineers, Denison Dist., and P. O. Box 495, Denison, Texas.
- LINTON, John P. (M 1927) Pres., Engineering Installations, Ltd., 1154 Beaver Hall Square, Montreal, Que., Canada.
- LIPSCOMBE, Harold W. J. (M 1938) Mgr., Air Cond. Dept., Davidson & Co., Ltd., Central House, Kingsway, London, and "Glenmore," Woodland Way, West Wickham, Kent, England.
- LITTLE, Kenneth B. (A 1935) Owner, Kenneth B. Little Co., 832 Temple Bar Bldg., Cincinnati 2, Ohio.
- LITTLE, Raymond (A 1943) Utilization Engr., Equitable Gas Co., 425 Sixth Ave., and 81 Roycroft Ave., Pittsburgh 16, Pa.
- LITTLEFORD, Wallace H. (M 1936) Vice-Pres., E. J. Febrey & Co., Inc., 616 New York Ave., N.W., Washington, D. C., and 4208 Edmonston Ave., Hyattsville, Md.
- LIVELY, George P. (M 1942) Sr. Engr. (N.A.), Bureau of Ships, Navy Dept., Washington, D. C., and 4006 Fifth St., N., Arlington, Va.
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- LLOYD, Edward C. (M 1927) Armstrong Cork Co., and R. D. 5, Old Philadelphia Pike, Lancaster, Pa.
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- LOCK, Rowland H. (M 1939) Gen. Mgr., J. H. Lock & Sons, Ltd., 221 Sterling Rd., and 24 Kennedy Park Rd., Toronto, Ont., Canada.
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- LOCKE, Robert A. (M 1935) Lt. Comdr., U.S. N.R., 1530-16th St., N.W., Washington 6, D. C., and 500 N. Union St., Middletown, Pa.
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- LONG, Edward J. (J 1942; S 1939) Dist. Mech. Supt., Pan American Airways, A. P. O. 675, c/o Postmaster, Miami, Fla., and 2012 S. Fifth St., Springfield, Ill.

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MACDONALD, Douglas J. (M 1935) Vice-Pres., Htg. Div., • Standard Sanitary & Dominion Radiator Co., Ltd., Royce & Lansdowne, and 95 Hudson Dr., Toronto, Ont., Canada.

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MacLEAN, H. A. (M 1939) • P. O. Box 400, and 89 Tremoy Rd., Noranda, Que., Canada.

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- MacWATT, Donald A. (M 1938) Sales Engr., Powers Regulator Co., 231 East 46th St., New York, and • 93 Woodedge Rd., Plain-dome, N. Y.
- MADDEN, Alfred B. (M 1942) Mgr., Htg. Dept., • Crane, Ltd., 1170 Beaver Hall Sq., and 5867 Earncliffe Ave., Montreal, Que., Canada.
- MADDUX, O. Lloyd (M 1935; A 1933) Owner, O. Lloyd Maddux, 53 Park Pl., New York, N. Y., and • 17 Tallmadge Ave., Chatham, N. J.
- MADELY, Frederick J. (A 1936) Chief Estimator, Eastern Steel Products, Ltd., 1336 Delorimier Ave., and • 6370 Louis-Hemon St., Montreal, Que., Canada.
- MADISON, Richard D. (M 1926) Research Engr., • Buffalo Forge Co., 490 Broadway, Buffalo 5, and 218 Brentwood Bd., Snyder, (Buffalo 21), N. Y.
- MAEHLING, Leon S. (M 1932) Supt. Appli-ance Service, Equitable Gas Co., 6304 Penn Ave., Pittsburgh 6, and • 773 Country Club Dr., Pittsburgh 16, Pa.
- MaGIRL, Willis J. (M 1934; A 1931; J 1927) Partner, • P. H. MaGirL Foundry & Furnace Works, 413 E. Oakland Ave., and 1119 E. Monroe St., Bloomington, Ill.
- MAGNUSSON, Nicholas (A 1938) Estimator-Designer-Sales, Montgomery Ward & Co., 150-15 Jamaica Ave., and • 138-06 Linden Blvd., Jamaica, L. I., N. Y.
- MAHON, B. E. (Miss) (M 1935) Principal of the School of Air Conditioning, • Interna-tional Correspondence Schools, Wyoming Ave., & Ash St., Scranton 9, and 433 Fig St., Scranton 5, Pa.
- MAHONEY, David J. (M 1930; A 1926) Branch Mgr., • Johnson Service Co., 503 Franklin St., and 140 Linwood Ave., Buffalo, N. Y.
- MAIER, George M. (M 1921) Mfg. Dept., • American Radiator & Standard Sanitary Corp., Bessemer Bldg., Pittsburgh 22, and 135 Longue Vue Drive, Mt. Lebanon, Pa.
- MAKIN, Henry T., Jr. (M 1939) Engr. and Arch. Repr., American Radiator & Standard Sanitary Corp., 2212 Walnut St., Philadel-phia, Pa., and • 21 Valley View Terrace, Moorestown, N. J.
- MALADY, Edward C. (M 1944) Engineering and Estimating, 2514 Bethel Ave., and • 8515 N. Pennsylvania, Indianapolis, Ind.
- MALIN, Benjamin S. (M 1940; J 1939) Capt., U. S. Army, Springfield Armory, Ordnance Dept., U.S.A., and • 107 High St., Springfield 5, Mass.
- MALLIS, William (M 1914) Arch., • 330 Lyon Bldg., and 1215 Seneca, Seattle, Wash.
- MALLY, Chester F. (M 1940; A 1938) Gen-eral Mgr.-Chief Engr., Air Heating Co., 20420 Woodward Ave., Detroit, and • 292 W. Woodland Ave., Ferndale, Mich.
- MALONE, Dayle G. (M 1929; A 1925) Vice-Pres. and Br. Mgr., • Petroleum Heat & Power Co., 3301 S. California Ave., and 7337 S. Merrill Ave., Chicago, Ill.
- MALONE, James S. (A 1936) Dist. Repr., • Hoffman Specialty Co., 7124 Waterman Ave., St. Louis, Mo.
- MALVIN, Ray C. (M 1929) Pres., • Malvin & May, Inc., 310 S. Michigan, Rm. 803, Chi-cago 4, and 8220 Dante Ave., Chicago, Ill.
- MANDELL, Thomas P. (A 1937) Sales, Carrier Corp., 1200 Statler Office Bldg., and • 192 Commonwealth Ave., Boston, Mass.
- MANK, Merrill (A 1939) Owner, • Merrill Mank Co., 14 Bonnefoy Pl., and 15 North Ave., New Rochelle, N. Y.
- MANN, Walter N. (M 1939) Gen. Mgr., Brock-house Heater Co., Ltd., Victoria Works, West Bromwich, and • "Moneymore" Canwell, Sut-ton Coldfield, Warwickshire, England.
- MANNEN, D. Edward, Jr. (J 1939) Vice-Pres. The Mannen & Roth Co., 9108 Woodland Ave., Cleveland, and • 4137 Silaby Rd., Uni-versity Heights, Ohio.
- MANNING, C. E. (A 1942; J 1937) Engr., Packard Electric Div., General Motors Corp., and • 339 Homewood Ave., S.E., Warren, Ohio.
- MANNY, J. Harvey (A 1936) Pres., • Robin-son Furnace Co., 4600 W. Monroe St., and 242 N. Parkside Ave., Chicago, Ill.
- MARC, Henri M. (M 1943) Asst. Dir. of Re-search, • The Philip Carey Mfg. Co., Lock-land, Cincinnati 15, and 7843 Parkdale Ave., Roselawn, Cincinnati 15, Ohio.
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- MARIN, Axel* (M 1935) Assoc. Prof. Mech. Engrg., • University of Michigan, 241 W. Engineering Bldg., and 2475 Whitmore Lake Rd., Ann Arbor, Mich.
- MARINO, Frank A. (A 1941) Tech. Sgt., U. S. Army, and • 3348-28th St., Long Island City, N. Y.
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- MARKLAND, Charles E. (M 1939) Supervising Engr., • University of Illinois, 110 Phy. Plt. Service Bldg., Urbana, and 607 W. Clark St., Champaign, Ill.
- MARKE, Alexander A. (A 1930) Dir. of Re-search, Richmond Radiator Co., and • 818 Fayette Title & Trust Bldg., Uniontown, Pa.
- MARKSON, Wesley H. (J 1942) Jr. Engr., McQuay, Inc., 1600 Broadway, N.E., and • 3140 Clinton Ave., S., Minneapolis, Minn.
- MARKUSH, Emery U. (M 1931) Secy., • East-ern Mechanical Corp., 225 East 21st St., New York 10, and 84-80-85th Ave., Woodhaven, L. I., N. Y.
- MARR, J. M. (A 1944) Chief Engr., Aladdin Heating Corp., 2222 San Pablo Ave., and • 95 Moss Ave., Oakland, Calif.
- MARRINER, John M. S. (M 1934) Lt. Comdr., R.C.N.R., and Vice-Pres., • Taylor Engineer-ing & Construction Co., Ltd., 80 Richmond St., W., Toronto 1, Ont., Canada.
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- MARSHALL, Albert W. (M 1937) Inspector and Engr., Hartford Steam Boiler Inspection & Insurance Co., 1806 Arrott Bldg., Pitts-burgh 22, and • 1120 Highview Rd., Dravoe-burg, Alleg., Pa.
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- MARSHALL, Orville D. (M 1942; A 1931) Mfrs. Agent, • 311 Anderson Bldg., Grand Rapids 2, and 2025 Hillcrest Dr., S.E., Grand Rapids 6, Mich.
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MAVES, G. D. (A 1939) Zone Supvr., Minneapolis-Honeywell Regulator Co., 1031 Santa Fe Drive, Denver 4, and 1550 Glencoe St., Denver 7, Colo.

MAWBY, Pensyl (M 1934) Dist. Mgr., Lehigh Navigation Coal Co., 123 S. Broad St., Philadelphia, and 15 E. Ridley Ave., Ridley Park, Pa.

MAXWELL, George W. (M 1935; S 1932) Mgr., Kenealy & Maxwell, Main St., and Lower County Rd., Harwich Port, Mass.

MAXWELL, Lawrence R. (M 1943) Sales Engr., Southern Heater Co., Inc., 844 Baronne, and 1332 Joseph St., New Orleans, La.

MAXWELL, R. Shierlaw (M 1937) Gen. Mgr., Bennett & Wright, Ltd., 72 Queen St. E., Toronto 1, Ont., Canada.

MAY, Arthur O. (A 1938; J 1928) Secy., Standard Power Equipment Co., 63 W. Jackson Blvd., Rm. 925, Chicago 4, and 5736 N. Bernard St., Chicago 45, Ill.

MAY, C. W. (M 1933) Cons. Engr., 1430 Vance Bldg., Seattle 1, and 6817-16th, N.E., Seattle 6, Wash.

MAY, Edward M. (M 1931) Br. Mgr., Steel Products Engrg. Co., 1601 S. Michigan Ave., Chicago, and 848 N. Ridgeland Ave., Oak Park, Ill.

MAY, George Elmer (M 1933) Prin. Util. Engr., New Orleans Public Service, Inc., 317 Baronne St., and 2031 Short St., New Orleans, La.

MAY, James W. (M 1938; J 1935) Dir. of Research, American Air Filter Co., 215 Central Ave., Louisville, and 3908 Elfin Ave., St. Matthews, Ky.

• Industry Cooperation Div., Navy Department, 226 W. Jackson Blvd., Chicago 6, and Palos Park, Ill.

MAYER, William J. (A 1943) Field Service Engr., A. M. Byers Co., 7 St. Paul St., Baltimore 2, and • 101 Murdock Rd., Baltimore 12, Md.

MAYLARD, John B. (A 1943) Asst. Regional Reconditioning Supvr., U. S. Home Owners Loan Corp., and • 112 Dupee Pl., Wilmette, Ill.

MAYNARD, J. Earle (M 1931) Director of Engrg., Rybolt Heater Co., Miller St., and • 312 W. Walnut St., Ashland, Ohio.

MAYNE, Walter L. (M 1938) Vice-Pres., Sales Mgr., • Marsh Valve Co., Brigham Rd. at Fourth St., and 718 Washington Ave., Dunkirk, N. Y.

McBRIDE, Joseph A. (J 1943) Ass't Secy., • Frank A. McBride Co., 160 Ward St., and • 27th St., Paterson, N. J.

McBRIDE, J. Nevins (A 1941) Vice-Pres., • Frank A. McBride Co., 160 Ward St., Paterson 1, and 288 Deerm Ave., Paterson 1, N. J.

McAFFRAY, Charles E. (M 1938) Dist. Mgr., Air Devices Inc., 17 East 42nd St., New York 17, N. Y., and • Ruxton, Baltimore 4, Md.

McCAIN, H. King (M 1939; J 1938; J 1937) Capt., Q.M.C., U. S. Army, overseas, and • c Mrs. H. K. McCain, 520 Corona Ave., Dayton, Ohio.

McCALLUM, Allan W. (A 1943) Mgr., • Anthes Foundry, Ltd., Saskatchewan Ave., Winnipeg, Man., Canada.

McCALLUM, Chester E. (M 1941) Dist. Mgr., • N. & S. Carolina • Smaller War Plants Corp., 406 Law Bldg., and 2139 Dartmouth Place, Charlotte, N. C.

McANN, Frank D. (A 1939) Mgr. Comm'l. Dept., Bendix Marine, 1 Hanson Place, Brooklyn, and • 3 S. Seaside Rd., Tuckahoe 7, N. Y.

McAUL, Lynn K. (M 1942) Engr., The Conn-DeVos Co., 2051 W. Lafayette, Detroit 16, and • 622 W. Marshall, Ferndale 30, Mich.

McAULEY, James H. (M 1921) Pres., • J. H. McCauley & Son, 5620 West 65th St., Chicago, and 707 William St., River Forest, Ill.

McCLANAHAN, L. C. (M 1930) Dist. Mgr., • Aerofin Corp., 693 Great National Life Bldg., and 411 S. Tyler, Dallas, Texas.

McCLELLAN, James E. (M 1922) Mgr., Chicago Dist., • American Blower Corp., 228 N. LaSalle St., Chicago, and 738 Marion St., Highland Park, Ill.

McCLINTOCK, William (M 1935) Kellex Corp., Woodworth Bldg., and • 4116 Carpenter Ave., New York, N. Y.

McCLOSKEY, John H. (A 1940) Owner, • 304 Elkton Blvd., Elkton, Md.

McCLUNG, Tom B. (A 1942; J 1939) Capt., U. S. Army, Field Artillery, and • 2743 N.E. 54 Portland, Ore.

McCONACHIE, L. L. (M 1943; A 1928) Owner, L. L. McConachie Co., 1063 Maryland and • 105 Harvard Rd., Grosse Pointe, Mich.

McONNER, Charles R. (A 1925; J 1922) Gen. Sales Mgr., • Clarence Fan Co., Kalamazoo, M. I.

McORMACK, Denis (M 1933) Pres., • Fox Mottous Corp., 21st & Arch St., Philadelphia 3, and The Kenilworth, Alden Park Manor Co., Philadelphia 41, Pa.

McCORMICK, George W., Jr. (A 1941) 1st Lt., U. S. Marine Corps, • OTS 8, MCAS, Fannin Fort, N. C., and 1135 16th St., N.W., Washington, D. C.

McCoy, 315 W. Second St., and 5117 Sherwood Rd., Little Rock, Ark.

McCOY, Thomas F. (M 1924) Mgr., • The Powers Regulator Co., 125 St. Botolph St., Boston 16, Mass.

McCREA, Joseph B. (M 1937) Hgt. and Vtg., • 2918 Drexel Ave., Detroit, Mich.

McCREA, Lester W. (M 1920) Prop., • McCreas Sales Co., 16 East 21st St., Baltimore 18, and 564 W. University Pkwy., Baltimore 10, Md.

McCULLLEY, D. E. (A 1917) Sales Engr., • 1101 Jackson St., Omaha 8, and 6604 Corby St., Omaha 4, Nebr.

McCULLOUGH, Henry G. (M 1936) Vice-Pres., S. S. Fretz, Jr., Inc., 1902 Chestnut St., and • 7042 Lincoln Drive, Mt. Airy, Philadelphia, Pa.

McCULLOUGH, John L. (M 1930) Engr., Harry Dougherty & Son, Freeport, and • 731 Country Club Drive, Pittsburgh 16, Pa.

McCUNE, Laban J. (M 1943) Bldg. Supt. and Engr., Springer Interest, and • 118 E. Sixth St., Tulsa 8, Okla.

McCUSKER, James P. (J 1944; S 1940) Student, Catholic University of America, and • 1445 Ewatts St., N.E., Washington, D. C.

McDERMOTT, John P. (A 1942; J 1939) Capt., Resident Engr., Nome, Alaska.

McDERMOTT, Paul F. (M 1948) Section Head in Charge of Asbestos Thermal Insulations Development, • Johns-Manville Corp., Manville, and Washington Valley Rd., Martinsville, N. J.

McDONALD, Ivan (A 1938) • Minneapolis-Honeywell Regulator Co., Ltd., 117 Peter St., Toronto, Ont., Canada.

McDONALD, Thomas (A 1931) Vice-Pres., • Minneapolis-Honeywell Regulator Co., 1135 N. Cicero Ave., Chicago 61, and 7855 Greenfield Ave., River Forest, Ill.

McDONNELL, Everett N. (M 1923) (Council, 1940-43) Pres., • McDonnell & Miller, 400 N. Michigan Ave., Chicago 13, and 219 Lake Shore Dr., Chicago, Ill.

McDONNELL, John E. (A 1936) Sales Engr., • McDonnell & Miller, 400 N. Michigan Ave., Chicago, and 2299 Lakeside Pl., Highland Park, Ill.

McDOWELL, Harry L. (J 1939) Ensign, U.S. N.R., and • P. O. Box #366, Scotland Neck, N. C.

McELGIN, John W. (A 1937; J 1931) Engr., J. J. Nesbitt, Inc., Holmesburg, Philadelphia, and • 280 Clevedon Ave., Glenside, Pa.

McENTEE, Francis M. (M 1940) Asst. Supervising Air Cond. Engr., • Office of the Architect of the Capitol, U. S. Capitol, and 718 Somerset Pl., N.W., Washington, D. C.

McFARLAN, A. I. (M 1942) Vice-Pres., Kerby Saunders, Inc., 330 West 42nd St., New York, N. Y., and • 691 Dorian Rd., Westfield, N. J.

McGEORGE, Richard H. (M 1927) Mgr., Htg.-Air Cond. Dept., McCord Radiator & Manufacturing Co., 2587 E. Grand Blvd., and • 14565 Glastonbury Rd., Detroit, Mich.

McGINNIS, F. L. (M 1940) Supt., Coley & Petersen, 409 West 21st St., Norfolk, and • 332 N. Henry St., Williamsburg, Va.

McGONAGLE, Arthur (M 1932) Cons. Engr., • 6815 Prospect Ave., Ben Avon, Pittsburgh 2, Pa.

McGOWAN, T. Edward (M 1942) Chief Engr., Harold E. Peterson, 1350 Elwood St., Los Angeles, and • 1545 Bradbury Rd., San Marino 9, Calif.

McGOWN, Frederick H., Jr. (J 1941; S 1939) Col., U. S. Army, and • 30 W. Pettebone St., Forty Fort, Pa.

• Canadian Sirocco Co., Ltd., 63 Sparks St.,
 Ottawa, Ont., Canada.
McGUINNESS, C. H. (A 1943) Sales Engr.,
 Carbon Coal Co., 408 Sixth Ave., and • 218
 Franklin, Des Moines, Iowa.
McILVAINE, John H. (M 1929) Pres., • Melli-
 valne Products, Inc., 1516 Callowhill St.,
 Philadelphia 36, and 601 Pembroke Rd., Bryn
 Mawr, Pa.
McINDOE, James F. (M 1929; A 1931) Re-
 gional Priorities Mgr., War Production
 Board, 1355 Market St., San Francisco, and
 • 1340 Bernal Ave., Burlingame, Calif.
McINTIRE, James F. (A 1915; A 1914)
 Presidential Member (Pres., 1939, 1st Vice-
 Pres., 1938; 2nd Vice-Pres., 1937; Council,
 1926-28; 1932-40) 1st Vice-Pres., • U. S.
 Radiator Corp., and Pres., Pacific Steel
 Boiler Corp., 1500 United Artists Bldg., and
 3251 Sherbourne Rd., Detroit, Mich.
McINTOSH, Fabian C. (M 1921, J 1917)
 (Council, 1929-31, 1933-35, 1942) Mgr., Pitts-
 burgh office, • Johnson Service Co., 1238
 Brighton Rd., Pittsburgh 12, and 3650 Perrys-
 ville Ave., Pittsburgh 14, Pa.
McKAY, Albert W. (M 1942) Capt., Ordnance
 Dept., Office, Chief of Ordnance, Washing-
 ton, D. C., and • 2602 S. Adams St., Arling-
 ton, Va.
McKEEMAN, Clyde A. (M 1936) Director of
 War Training • Case School of Applied Sci-
 ence, 10900 Euclid Ave., Cleveland 6, and
 Chagrin River Rd., Gates Mills, Ohio.
McKENZIE, Murdock, C. Jr. (M 1938) Htg.
 Engr., Southern California Gas Co., 810 S.
 Flower St., and • 3806 Boyce Ave., Los An-
 geles, Calif.
McKERNAN, Gordon S. (A 1942) Secy.-Treas.,
 Reg. H. Steen, Ltd., 12 Humewood Drive,
 and • 7 Grimthorpe Rd., Toronto, Ont.,
 Canada.
McKINNEY, Carl A. (A 1939; J 1937) Engr.,
 United Gas Corp., United Gas Bldg., and
 • 2136 Addison Rd., Houston, Tex.
McKINNEY, William J. (M 1938, A 1934) So.
 Dist. Mgr., • American Blower Corp., Rm.
 714, 101 Marietta St. Bldg., and 3363 Mathie-
 son Dr., N.W., Atlanta, Ga.
McKITRICK, Walter D. (M 1936) Chief Engr.,
 Kaighn & Hughes, P. O. Box 5305, Houston
 12, and • 1744 Norfolk, Houston 6, Texas.
McKITTRICK, Percy A. (A 1934) Treas., Gen.
 Mgr., • Parks-Cramer Co., P. O. Box 444,
 Fitchburg, Mass.
McLAREN, T. H. (A 1934) Gen. Sales Mgr.,
 • The James Morrison Brass Manufacturing
 Co., Ltd., 276 King St. W., Toronto 1, and
 2084 Gerrard St., E., Toronto 13, Ont.,
 Canada.
McLARNY, Harry W. (M 1933) Indus. Engr.,
 • Union Electric Co. of Missouri, 815 North
 12th Blvd., St. Louis 1, and 807 Hawbrook
 Rd., Glendale, Mo.
McLEAN, Dermid (M 1917) Mech. Engr.,
 • Snyder & McLean, 2214 Penobscot Bldg.,
 and 12951 Hurwood Ave., Detroit, Mich.
McLEISH, William S. (A 1932; J 1928) Chief
 Engr., • The Ric-Wil Co., and Overlook &
 Hillcrest, Barberton, Ohio.
McLENEGAN, D. W. (M 1933) Engr. in
 charge, • General Electric Co., 5 Lawrence
 St., Bloomfield, and 73 Arlington Ave., Cald-
 well, N. J.
McLEOD, Clarence H. (M 1943) Application
 Engr., • York Corp., 1239 Liberty Bank
 Bldg., Dallas 1, Texas.
McLOUTH, Bruce F. (M 1936 J 1934, • 5420)
 Cottonwood Lane, Holladay, Utah, and 135
 Gannon St. East Lansing, Mich.
McMICHAEL, Chester L. (M 1943) Engr., H.
 H. Wright Co., 1822 Walnut St., Kansas
 City, Mo., and • 6519 Aberdeen Rd., Kansas
 City, Kan.
McMULLEN, E. W. (M 1938) Dir. of Research,
 • The Eagle-Picher Lead Co., and Olivia
 Apts., Joplin, Mo.
McMULLEN, Ernest W. (M 1942) Partner,
 Ganteaume & McMullen, 99 Chauncy St.,
 Boston, and • 240 Winslow Road, Waban 53,
 Mass.
McNAMARA, William (A 1930) Mgr., • The
 Trane Co., 850 Cromwell Ave., and 1555
 Como Ave., St. Paul, Minn.
McNAMEE, Earl W. (M 1940) Engr., • B. & J.
 Jacobs Co., 1728 John St., Cincinnati 14, and
 2627 Ocosta Ave., Cincinnati 11, Ohio.
McNEVIN, Joseph E. (M 1937) Mgr., • Colo-
 rado Heating Co., 950 Cherokee St., and 1221
 Sherman St., Denver, Colo.
McPHERSON, William A. (M 1929) Chief,
 Htg.-Vtg. Div., Dept. of School Bldg., 25
 Norman St., Boston, and • 86 Dwinell St.,
 West Roxbury, Mass.
McQUAID, Dan J. (M 1934) Owner, • Dan J.
 McQuaid Engineering Service, 1742-46 Arapa-
 hoe St., and 1565 Milwaukee St., Denver,
 Colo.
McRAE, M. W. (M 1939) Research Engr.,
 • Crane Co., 836 S. Michigan Ave., Chicago
 5, and 816 Fairview Ave., Park Ridge, Ill.
McWILLIAMS, Joseph W. (A 1942) Mech.
 Engr., Eastman Kodak Co., Camera Works,
 333 State St., and • 71 Lyndale Drive,
 Rochester, N. Y.
MEAD, E. A. (M 1926) Sales Mgr., • The Nash
 Engineering Co., South Norwalk, and 5
 Thames St., Norwalk, Conn.
MEAD, H. K. (A 1939) Owner, • 1100 Guardian
 Bldg., Portland 4, and Jennings Lodge, Ore.
MEACHER, Arthur T. (M 1938) Dir. and
 Sales Mgr., Fibg. & Htg. Dept., Wm. Stairs,
 Son & Morrow, Ltd., 174-190 Lower Water
 St., and • 83 Seymour St., Halifax, Nova
 Scotia, Canada.
MEANS, James MacG. (A 1944) Mfr's. Agent,
 • 244 Washington St., Rm. 423, Boston, and
 off Proctor St., Manchester, Mass.
MEHNE, Carl A. (M 1929) Htg. and Vtg. Ex-
 pert, • 86 E. Livingston St., Valhalla, N. Y.
MEILLER, Daniel V. (A 1941) Supvr., Gas
 Utilization and Testing, • Public Service
 Company of N. Ill., 1001 S. Taylor Ave., Oak
 Park, and 1101 S. Fifth Ave., Maywood, Ill.
MEINHOLTZ, Herbert W. (M 1936) Sales
 Engr., • York Corp., 215 Investment Bldg.,
 12th & K, N.W., Washington, D. C.
MEINKE, Howard G. (M 1933) Div. Engr.,
 • Consolidated Edison Co. of N. Y., Inc., 4
 Irving Place, Room 1800, New York, and 41
 Harta St., Baldwin, L. I., N. Y.
MELLON, James T. J. (M 1911) (Council,
 1915) • Mellon Co., 4415-21 Ludlow St.,
 Philadelphia 4, and 431 North 63rd St.,
 Philadelphia, Pa.
MELNICK, Nicholas A. (M 1941) Engr., G. M.
 Simonson, Cons. Engr., 625 Market St., and
 • 279 Fifth Ave., San Francisco, Calif.
MELONEY, Edward J. (M 1930) Vice-Pres.-
 Secy., • Bowers Bros. Co., 2015 Sansom St.,
 Philadelphia, and 100 E. Stewart Ave., Lans-
 downe, Pa.
MELTON, Howard E. (A 1942) Secy.-Treas.,
 • Howard E. Melton, Inc., 813 Braniff Bldg.,
 and 1709 Pennington, Oklahoma City, Okla.
MELTON, Rupert D. (J 1942) R. D. Melton,
 CM 1/C, 94 Batt., D. Co. 1 Plat., N.C.T.C.,
 Camp Endicott, Davisville, R. I., and • 117
 W Tenth St., Charlotte, N. C.

Sturgeon Bay Shipbuilding & Drydock Co., and • 600 N. Church St., Sturgeon Bay, Wis.

MENSING, Frederick D. (M 1920) (Treas., 1931-32; Council, 1931-32) Cons. Engr., • Mensing & Co., 2845 Frankford Ave., Philadelphia 34, Pa.

MERENS, Seymour H. (A 1939) 4955 N. Whipple St., Chicago 25, Ill.

MERGARDT, Albert P. (A 1940) Prop., • American Heating Co., 55 K St., S.E., Washington, D. C., and 3005 N. Fifth St., Arlington, Va.

MERRILL, Carl J. (M 1919) Treas., • C. J. Merrill, Inc., 54 St. John St., and 31 Craigie St., Portland, Me.

MERRILL, Frank A. (M 1934) Cons. Engr., • Office of Hollis French, 210 South St., Boston, and 19 Auburndale Rd., Marblehead, Mass.

MERZ, Robert A. (S 1940) Student, Michigan State College, and • 810 W. Grand River Ave., East Lansing, Mich.

MERTZ, Walter A. (M 1919) Secy., • The Kehm Corp., 51 E. Grand Ave., and 3753 N. Keeler Ave., Chicago, Ill.

MERWIN, Gile E. (M 1924; J 1923) Mgr., • The Trane Co., 5012 Parker St., Omaha 4, Nebr.

METZGER, A. F. (M 1940) Supvr. of Steam Utilization Div., • Allegheny County Steam Heating Co., 435 Sixth Ave., and 3421 Horne St., Pittsburgh, Pa.

METZGER, H. J. (A 1937) Pres., • Wheeler-Blaney Co., 137 E. Water St., and 706 Locust St., Kalamazoo, Mich.

MEYER, Frank L. (M 1932; J 1928) Pres., • The Meyer Furnace Co., Peoria 2, and 8 Cole Court, Peoria 5, Ill.

MEYER, Henry C., Jr. (Life Member; M 1898) (Council, 1915-16) Pres., • Meyer, Strong & Jones, Inc., 101 Park Ave., New York, N. Y., and 25 Highland Ave., Montclair, N. J.

MEYER, Karl A. (M 1938) Design Engr., • 12251 S. Western Ave., Blue Island, Ill.

MEYERS, Carl F. (A 1942) Engr., Coblenz Equipment Co., 1119 Peach St., and • 142 East 35th St., Erie, Pa.

MICHIE, D. Fraser (M 1938; A 1930) Htg. Engr., • Crane, Ltd., 93 Lombard St., and 178 Green Ave., Winnipeg, Man., Canada.

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MILES, James C. (M 1914) Consultant, • The Geometric Stamping Co., 1111 East 200th St., Cleveland 17, and 1972 Ford Drive, Cleveland 6, Ohio.

MILLARD, Junius W. (M 1929) Lt., U. S. Navy—Atlantic Fleet, and • 1025 Laird St., Key West, Fla.

MILLER, Archibald T. (M 1938) Sales Engr., Eclipse-Pioneer Division, Bendix Aviation Corp., Teterboro, and • 125 Godwin Ave., Ridgewood, N. J.

MILLER, Bruce (M 1935; A 1930) Mech. Engr., • R. K. Werner, Consulting Engr., 316 W. T. Waggoner Bldg., Ft. Worth, Texas.

MILLER, Charles A. (A 1917) Salesman, • The H. B. Smith Co., Inc., 331 Madison Ave., New York, and 2954 Decatur Ave., Bronx, New York, N. Y.

MILLER, Charles W. (M 1919; J 1908) Pres., • The Rado Co., Rm. 204, 759 N. Milwaukee St., Milwaukee 2, and R. 1, Box 42, Menomonee Falls, Wis.

MILLER, Edgar R. (A 1935) Chief Engr., • Winnipeg Cold Storage Co., Ltd., Salter & Jarvis Ave., and P. O. Box 1384, Winnipeg, Man., Canada.

MILLER, Floyd A. (M 1911) Retired, • 944 Montrose Ave., Chicago, Ill.

Co., 924 West 21st St., Norfolk, and • 5713 Herbert St., Norview 2, Norfolk, Va.

MILLER, George F. (M 1936) Sales Engr., • George F. Miller, 1614 K St., N.W., Washington, D. C., and 5608 Grove St., Chevy Chase, Md.

MILLER, Jacob (M 1936) Pres., • Hy-Grade Construction Co., Inc., 342 West 14th St., New York, and 20 East 58th St., Brooklyn, N. Y.

MILLER, John W. (M 1941) Research Engr., Motor Wheel Corp., and • R. 5, Box 493, Lansing, Mich.

MILLER, Leo B. (M 1926) Sales Exec., • Perfex Corp., 500 W. Oklahoma Ave., and 3431 N. Hackett Ave., Milwaukee, Wis.

MILLER, Lorin G. (M 1933) (Council, 1942-43) Prof. and Head, Mech. Engrg. Dept., • Michigan State College, R. E. Olds Hall of Engrg., and 232 University Dr., East Lansing, Mich.

MILLER, Mahlon S. (A 1942) Asst. Gas Engr., • Iowa Public Service Co., and 917 W. Main St., Cherokee, Iowa.

MILLER, Robert A. (M 1931) Tech. Sales Engr., • Pittsburgh Plate Glass Co., 2200 Grant Bldg., Pittsburgh 19, and 1211 Carlisle St., Tarentum, Pa.

MILLER, Robert T. (A 1927) Chief Engr., Sales Dept., • Masonite Corp., 111 W. Washington St., Chicago, and Evans Rd., Flossmoor, Ill.

MILLER, William T. (M 1938) Prof. Htg. Vtg., • Purdue University, and 525 Hayes St., West Lafayette, Ind.

MILLHAM, Franklin B. (M 1938) Sr. Indus. Specialist, War Production Board, 7-207 Tempo B, and • 2505 N St., S.E., Apt. 108, Washington 19, D. C.

MILLIGAN, Donald G. (A 1941) Checker, Vent. Dept., G. G. Sharp, Naval Arch., 30 Church St., and • 304 Lexington Ave., New York 16, N. Y.

MILLIKEN, J. H. (M 1923) Repr., • American Air Filter Co., Inc., 228 N. LaSalle St., Chicago 1, and 1021 Ridge Court, Evanston, Ill.

MILLIS, Linn W. (Life Member; M 1913) Secy., Security Manufacturing Co., 1630 Oakland Ave., and • 3534 Wabash Ave., Kansas City 3, Mo.

MILLS, Doremus L. (A 1943) Research & Development Engr., • Revere Copper & Brass, Inc., and 1407 N. Madison St., Rome, N. Y.

MILLS, D. M. (A 1940) Mgr., Houston Div., • F. J. Evans Engineering Co., 3223 Millam St., Houston 6, and 2726 Robinhood, Houston 5, Texas.

MILLS, Hartzell C. (A 1935) Ind. Engr., Minneapolis Gas Light Co., Eighth & Marquette, and • 4137 Tenth Ave., S., Minneapolis, Minn.

MILNE, A. H. (M 1938) Dir. Dept. of Bldgs., • Protestant Board of School Commissioners, City of Montreal, 8460 McTavish St., and 4786 Grosvenor Ave., Montreal, Que., Canada.

MILWARD, Robert K. (M 1943; A 1920) Branch Mgr., U. S. Radiator Corp., 127 Campbell Ave., and • 2441 Calvert Ave., Detroit, Mich.

MINER, H. Harvey (A 1940) Partner, • Miner Supply Co., 129 W. Front St., Red Bank, and 71 Silverton Ave., Little Silver, N. J.

MINKLER, William A. (M 1940) Sales Mgr., • Young Radiator Co., and 920 W. Lawn Ave., Racine, Wis.

MINOR, James E. (S 1943) Ensign, U.S.N.R., and • 26 Courtney Ave., Ensworth, Pittsburgh, Pa.

MINSON, Frederick L. (J 1943) Marine Engr., • United States Maritime Commission, 348 Baronne St., and 67 Allard Boulevard, New Orleans, La.

Shipley, Inc., 161 Roosevelt Ave., and • 1525 Third Ave., York, Pa.

MITCHELL, Alva E. (M 1939) Lt. (Jg) U.S. N.R., Bureau of Ships, Washington, D. C., and • 6801 Silgo Parkway, Hyattsville, Md.

MITCHELL, A. J. (M 1938; J 1930) Lt. (Jg) U.S.N.R., • 624 Niels Espenson Bldg., and 1936 Dryden Rd., Houston, Texas.

MITTENDORFF, E. M. (M 1932) Engr., • Sarco Co., Inc., Sarcotherm Controls, Inc., Merchandise Mart, Rm. 975, Chicago 64, and 772 Grove St., Glencoe, Ill.

MOESSEL, P. Albert (A 1938) Asst. Mgr., • W. A. Case & Son Manufacturing Co., 31 Main St., Buffalo 3, and 382 Argonne Dr., Kenmore, N. Y.

MOFFAT, Ormond G. (M 1940; A 1937) Mgr., Air Cond. Div., Canadian Westinghouse Co., Ltd., and • 141 George St., Hamilton, Ont., Canada.

MOHN, H. Leroy (M 1937) Chief Engr., The Milton Manufacturing Co., and • 705 Hepburn St., Milton, Pa.

MOHRFELD, Herbert H. (A 1943; J 1935) Vice-Pres. and Treas., • C. P. Mohrfeld, Inc., 24 Lees Ave., Collingswood, and 670 Station Ave., Haddonfield, N. J.

MOLER, Wm. H. (M 1927) Dist. Mgr., • Governorair Corp., 504 Great National Life Bldg., Dallas, and R. F. D. #1, Box 69B, Irving, Texas.

MOLFINO, Philip (M 1938) Mech. Engr., Lealand & Haley, 58 Sutter St., and • 125 Clayton St., San Francisco, Calif.

MOLLANDER, Eric D. (A 1940) Dir., Register & Grille Mfg. Co., Inc., 70 Berry St., Brooklyn, and • 1564 Unionport Rd., New York 62, N. Y.

MOLLENBERG, Harold J. (M 1936) Pres., • Mollenberg-Betz Machine Co., 22 Henry St., Buffalo, and 172 Westgate Rd., Kenmore, N. Y.

MOLONEY, Roger R. (M 1937) • 26 Bonner Ave., Manly, Sydney, Australia.

MONICK, Fred R. (A 1936) Mgr., • American Radiator & Standard Sanitary Corp., 605 E. Eighth St., and 1114 S. Sixth Ave., Sioux Falls, S. D.

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MONTGOMERY, John R. (A 1937) Mgr., Standards & Research, • Truscon Steel Co., Albert St., and 295 Granada Ave., Youngstown, Ohio.

MOODY, Lawrence E. (M 1919) Partner, • Moody & Hutchison, 1500 Walnut St., Philadelphia 2, Pa., and 224 Bellevue Ave., Haddonfield, N. J.

MOON, L. Walter (M 1915) (Council 1933-36) Secy., Treas., St. Louis Industrial Truck Co., 7500 E. Railroad Ave., and • 1137A Hornsby Ave., St. Louis 15, Mo.

MOORE, Bryant W. (A 1939) Mgr., Expediting & Allowance Dept., Commercial Iron Works, Box 2270, and • 7910 Southeast 30th Ave., Portland 2, Ore.

MOORE, Frank C. (A 1935) Mgr., Aerofin Div., Vapor Car H.C. Co. of Canada, Ltd., 67 Yonge St., Rm. 1104, and • 44 Lola Rd., Toronto, Ont., Canada.

MOORE, H. Carlton (M 1935) Engr., Metcalf & Eddy, 1300 Statler Bldg., Boston, and • 146 Beaumont Ave., Newtonville, Mass.

MOORE, H. Lee (M 1919) (Council, 1927-28) Engr., • 431 Fulton Bldg., Pittsburgh 22, and 7466 Marcus Rd., Ben Avon, Pittsburgh 2 Pa.

Cartridge Case Sect., Army Service Forces, Cincinnati Ordnance Dist., Big Four Bldg., and • 8184 Queen City Ave., Cincinnati 11, Ohio.

MOORE, Herbert S. (A 1928) Dist. Repr., Iron Fireman Manufacturing Co. of Canada, Ltd., 502 King St., W., and • 107 Clendenan Ave., Toronto, Ont., Canada.

MOORE, MacDonnell (A 1940) Pres., Gen. Mgr., • The Moore Fuel Corp., 23 Rose St., and 16 Farview Ave., Danbury, Conn.

MOORE, Robert E. (A 1943) Arch., • Moody and Moore, 218 Graham Ave., Winnipeg, Man., Canada.

MOORE, R. E. (A 1928) Vice-Pres., • Bell & Gossett Co., 8200 Austin Ave., Morton Grove, and 425 Merrill Ave., Park Ridge, Ill.

MOORE, Wesley R. (M 1937) Regional Mgr., • Minneapolis-Honeywell Regulator Co., 5005 Euclid Ave., Cleveland, and 14211 Ashwood Rd., Shaker Heights, Ohio.

MORAWECK, Alvin H., Jr. (J 1941) 1st Lt., Cavalry, United States Army, A.G.F.R.D. #1, Ft. Meade, Md., and • 36 Woodland Rd., Maplewood, N. J.

MOREHOUSE, H. P. (M 1938) Gen. Htg. and Air Cond. Repr., • Public Service Electric & Gas Co., 80 Park Pl., Newark, and 30 Timber Acres Rd., Summit, N. J.

MOREHOUSE, J. Stanley (M 1938) Dean of Engrg., • Villanova College, Villanova, and 102 Llandoff Rd., Upper Darby, Pa.

MORGAN, Arthur S. (M 1938) Mgr., Fens Oil Burners of Canada, Ltd., 86 King St., W., and • 156 Glenmanow Dr., Toronto, Ont., Canada.

MORGAN, Edwin H., Jr. (J 1942) Htg. Engr., Chemical Construction Corp., 30 Rockefeller Plaza, New York, N. Y., and • 411 Chestnut St., Roselle Park, N. J.

MORGAN, Glenn C. (M 1911) Partner, • Morgan-Gerrish Co., 307 Essex Bldg., and 4308 Fremont Ave., S., Minneapolis, Minn.

MORGAN, Robert C. (Life Member; M 1915) Chairman of the Board, • Stewart A. Jellett Co., 1200 Locust St., and 314 W. Seymour St., Philadelphia 44, Pa.

MORGAN, Robert W. (M 1938) Asst. Chief Engr., Bridgeport Thermostat Co., 1225 Conn. Ave., Bridgeport, and • Wilton Rd. & McCobb Lane, Westport, Conn.

MORIARTY, John M. (M 1937) Owner, • Consolidated Heating & Ventilating Co., 1709 W. Eighth St., Los Angeles 14, and 1616 Baldwin Ave., Arcadia, Calif.

MORIN, A. R. (A 1938) Mgr., Refrigeration Dept., Macklanburg Supply Co., Inc., 111 Northwest 23rd, and • 2115 Sherman, Oklahoma City, Okla.

MORRIS, C. Raymond (M 1921) Pres., • Power & Heating Equipment Sales, Inc., 56 N. Spring Garden Ave., Nutley, N. J.

MORRIS, Edward J. (M 1942) Mgr., • Morris Engrg. Co., 813 N. Calvert St., and 3414 Gwynns Falls Pkwy., Baltimore, Md.

MORRISON, Chester B. (M 1931) Managing Director, • York Shipley, Ltd., North Circular Rd., Hendon, London, N.W. 2, England, and Flat 163, 56 Park Lane, London, S.W. 1, England.

MORRISON, Frank (M 1943) Salesman, • Hall Neal Furnace Co., 1324 N. Capitol, Indianapolis, and Cloverdale, Ind.

MORRISON, W. Bruce (A 1942; J 1939) Engr., United States Engineer Dept., 628 Pittcock Block, and • 1805 N.E. 27th Ave., Portland 12, Ore.

MORRISON, W. L. (A 1938) • 3422-16th St., Great Bend, Kans.

MORRO, John J. (M 1940) Engr., Paragon Oil Co., Inc., 50 Van Dam St., Brooklyn 22, and • 130 East 40th St., New York 16, N. Y.

MORROW, J. DeWitt (A 1938) Pres. and Mgr.,
• The Warren Co., Inc., 614 Walker Ave.,
and 5503 La Branch, Houston, Texas.

MORSE, Clark T. (M 1918) Pres., • American
Blower Corp., P. O. Box 58, Roosevelt Park
Annex, Detroit 32, and 16222 Shaftsbury
Rd., Detroit 19, Mich.

MORSE, Floyd W. (A 1934) Vice-Pres. and
Gen. Branch Mgr., • Chamberlin Metal
Weather Strip Co., 1264 LaBrosse St., De-
troit 26, Mich.

MORSE, Louis S., Jr. (M 1938; J 1936) Lt.
(Jr) U.S.N.R., Naval Torpedo Station, New-
port, R. I.

MORSE, Robert D. (M 1936) • 414 Vance
Bldg., Seattle 1, Wash.

MORTON, Harold S. (M 1931) Lt. Col., • Ord-
nance Dept., Technical Division, Pentagon
Bldg., Washington, D. C., and 128 Maple
Ave., Takoma Park, Md.

MORTON, Paul S. (A 1943; J 1939) Heating
and Plumbing Electrical Sales and Engrs.,
• 809 Bangor Road, Lawrence, Mich.

MOSES, Walter B., Jr. (J 1940; S 1936) Asst.
Naval Arch., Pendleton Shipyards Co., Inc.,
333 St. Charles St., New Orleans 12, and
• 8230 Spruce St., New Orleans 18, La.

MOSHER, Clarence H. (A 1919) Owner, • C.
H. Mosher Co., 423 Ashland Ave., Buffalo,
N. Y.

MOSKOWITZ, Samuel (A 1942) Prop.,
• American Steam & Oil Heating Co., 4604
Fort Hamilton Parkway, and 1168-44th St.,
Brooklyn, N. Y.

MOSS, Alfred W. (J 1943) Mgr., • Walter
Woods, Ltd., 179 Bannatyne Ave., and Gray-
stone Arms, Winnipeg, Man., Canada.

MOTZ, O. Wayne (M 1932) Cons. Engr., • 920
E. McMillan St., Cincinnati 6, and 2605
Briarcliffe Ave., Cincinnati 13, Ohio.

MOULD, Harry W., Jr. (J 1941) Engr., Fed-
ders Manufacturing Co., Inc., 57 Tonawanda
St., Buffalo, and • 23 Tremont Ave., Ken-
more, N. Y.

MOULSDALE, Thomas DeWitt (M 1943) Heat-
ing Engr., Lehigh Valley Oil Co., 1200 Wal-
nut St., Allentown, and • 818 Coleman,
Easton, Pa.

MUCKLE, James (M 1939) Dept. Chief, • An-
dersen, Meyer & Co., Ltd., 21 Yuen, Ming
Yuen Rd., Box 265, and 11 Park Rd., Apt. 8,
Shanghai, China.

MUELLER, H. C. (M 1936; A 1930) Gen. Mgr.,
• The Powers Regulator Co., 2720 Greenview
Ave., Chicago, and 1277 Forest Glen Dr., N.,
Winnetka, Ill.

MUELLER, Harold P. (M 1936) Pres., • L. J.
Mueller Furnace Co., 2005 W. Oklahoma
Ave., and 511 E. Monrovia Ave., Milwaukee,
Wis.

MUELLER, John E. (M 1937) Mgr. Comm'l.
Customer Dept., • West Penn Power Co., Box
No. 1736, Pittsburgh 30, and 816 Parkside
Drive, Pittsburgh 16, Pa.

MUENZENMAYER, Willard R. (A 1941)
Owner-Mgr., • Muenzenmayer Sheet Metal
Co., Junction City, Kan.

MUESSIG, James W. (M 1938) Sales Engr.,
• Clarage Fan Co., 383 N. Michigan Ave.,
Chicago, and 406 Lodge Lane, Lombard, Ill.

MUIRHEAD, John G. (A 1940; J 1937) Vent.
Engr., Bureau of Ships, Navy Dept., and
• 1201 M St., N.W., Washington, D. C.

MULREY, Maurice D. (M 1944) Owner, • T. A.
Mulrey & Son, 3161 N. Illinois St., In-
dianapolis, Ind.

MUNIER, Leon L. (M 1919; J 1915) Pres.,
• Wolff & Munier, Inc., 222 East 41st St.,
New York 17, and 63 Columbia Ave., Harts-
dale, N. Y.

MUNKELT, Frederick H. (M 1938) Vice-Pres.
• W. B. Connor Engineering Corp., 114 East
32nd St., New York 16, and 317 East 17th
St., Brooklyn 26, N. Y.

MURDOCH, John P. (M 1937) Pres., • John
P. Murdoch Co., 3630 Haverford Ave., Phila-
delphia 4, and 735 Beechwood Dr., Beech-
wood, Pa.

MURHARD, Erroll A. (M 1939) Partner, Muir-
head & Murhard Co., 801 S.W. Stark St.
Portland 6, and • 2805 S.W. Greenview Court
Portland 1, Ore.

MURPHREE, Robert L. (A 1940; J 1936)
Engr., Rogers Plumbing & Heating Co., 2127
Eighth St., and • P. O. Box 884, Tuscaloosa,
Ala.

MURPHY, Charles G. (M 1942; A 1935) Found-
ry Engr., Wright Aeronautical Corp., Lock-
land, and • 6717 Murray Ave., Mariemont,
Ohio.

MURPHY, Daniel C. (A 1940) Sales Repr.,
• C. A. Dunham Co., 214 Old Colony Bldg.,
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MURPHY, Delacour L. (M 1941) E. C. Cooley
Co., 626 Market St., San Francisco, and
• 3027 Millsbrae Ave., Oakland, Calif.

MURPHY, Edward T. (M 1916) Vice-Pres.,
• Carrier Corp., 302 S. Geddes St., Syracuse
1, N. Y.

MURPHY, Eugene F. (A 1944; J 1942) In-
structor in Mech. Engrs., • University of
California, and Faculty Club, Berkeley, Calif.

MURPHY, Howard C. (M 1923) Vice-Pres.,
• American Air Filter Co., Inc., 216 Central
Ave., and 495 Lightfoot Rd., Louisville, Ky.

MURPHY, Joseph R. (M 1934; A 1925) Vice-
Pres., Taco Heaters, Inc., 342 Madison Ave.,
New York, N. Y., and • Terrace Ave., River-
side, Conn.

MURPHY, William W. (M 1930) Treas., • W.
W. Murphy Co., 424 Worthington St., and
25 Mansfield St., Springfield, Mass.

MURRAY, H. G. S. (M 1942; A 1941; J 1936)
Sales Engr., • Canadian Comstock Co., Ltd.,
80 King St., W., and 19 Elora Rd., Toronto,
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MURRAY, Thomas F. (M 1923) Sr. Htg. and
Vtg. Engr., Div. of Architecture, N. Y. State
Dept. of Public Works, State Office Bldg.,
and • 14 S. Lake Ave., Albany, N. Y.

MURKINNA, Gilbert P. (A 1939) Owner, • Gil-
bert P. Murkinna, 640 Tafel St., Cincinnati 14,
and 3657 Boudinot Ave., Cincinnati, Ohio.

MUSGRAVE, Merrill N. (A 1935) Owner,
• Merrill N. Musgrave & Co., 2019 Third
Ave., Seattle 1, and 1005 E. Roy St., Apt. 13,
Seattle 2, Wash.

MUSSER, John M. (M 1942) Mech. Engr.,
U.S. Engrs., 110 E. Garden St., and • 530
Turin, Rome, N. Y.

MUSSER, Neil B. (M 1943) Naval Arch. and
Marine Engr., Joshua Hendy Iron Works,
Sunny Vale, and • 1016 Fresno Ave., Berke-
ley 6, Calif.

MYER, Haydn (A 1920) Pres., • Haydn Myer
Co., Inc., 2224 Comer Bldg., Birmingham 3,
and 1411 Avon Circle, Redmont Park, Bir-
mingham 6, Ala.

MYERS, George W. F. (M 1920; A 1928;
J 1923) Owner, Myers Engineering Equip-
ment Co., 3800 W. Pine Blvd., St. Louis 8,
and • 476 Pasadena Ave., Webster Groves 19,
Mo.

MYLER, William M., Jr. (M 1937) Chief
Engr., Janitrol-Engrg. Dept., • Surface Com-
bustion Div., General Properties Co., Inc.,
400 Dublin Ave., and 1545 Grenoble Rd.,
Columbus, Ohio.

MYTINGER, Kenneth L. (M 1936) District
Appeals Chief, War Production Board, Em-
pire State Bldg., New York City, and • 33-
19-50th St., Long Island City, N. Y.

NACHMAN, George P. (M 1938) Treas., • The Spohn Heating & Ventilating Co., 1775 East 45th St., Cleveland, Ohio.

NAMAN, Israel A. (J 1940) Mech. Engr., Planning Div., Ventilation Group, Puget Sound Navy Yard, and • P. O. Box 46, Bremerton, Wash.

NAROWETZ, Louis L., Jr. (M 1929; A 1912) Pres., • Narowetz Heating & Ventilating Co., 1722 Washington Blvd., Chicago 12, and 112 S. Northwest Highway, Park Ridge, Ill.

NASS, Arthur F. (M 1927) Pres., • McGinness, Smith & McGinness Co., 527 First Ave., Pittsburgh 19, and 29 Elmhurst Rd., Pittsburgh 20, Pa.

NATHANSON, Max (A 1943) Chief Engr., Gen. Mgr. & Owner, • Canadian Armature Works, 6595 St. Urbain St., and 5457 Victoria Ave., Montreal, Que., Canada.

NATION, Olin (A 1944; J 1942) Texas Agricultural & Mechanical College, and • 9702 El Patio Dr., Dallas 18, Texas.

NEAL, James P. (A 1939) Capt., U. S. Army, Cincinnati Ordnance Dist., 230 E. Ninth St., and • 1428 Herschel Ave., Cincinnati, Ohio.

NEARINGBURG, Arthur (A 1938) Sales Engr., • Sheldons, Ltd., 1221 Bay St., and 130 Floyd Ave., Toronto, Ont., Canada.

NEE, Raymond M. (M 1936) Principal Engr., • Chemical Construction Corp., 30 Rockefeller Plaza, New York 20, and 5 East 82nd St., New York 28, N. Y.

NEILANS, John L. (J 1943) Draftsman, Trane Company of Canada, Ltd., 4 Mowat Ave., and • 63 Beatty Ave., Toronto, Ont., Canada.

NEILER, Samuel G. (Life Member; M 1898) Owner, • Neiler Rich & Co., Cons. Mech. & Elec. Engrs., 431 S. Dearborn St., Chicago, and 737 N. Oak Park Ave., Oak Park, Ill.

NELSON, Axel A. (A 1942) Chief Engr., • Federal Reserve Bank Bldg., 925-27 Grand Ave., Kansas City, and R. #4, Northcrest Sub. Div., North Kansas City, Mo.

NELSON, D. W. (M 1928) Assoc. Prof. Mech. Engrg., • College of Engineering, University of Wisconsin, Mech. Engrg. Bldg., and 3906 Council Crest, Madison, Wis.

NELSON, George O. (M 1923) Engr. and Gen. Supt., • Carstens Bros., Ackley, Iowa.

NELSON, Harold M. (M 1937) Pres., • H. M. Nelson & Co., Inc., 1223 Connecticut Ave., Washington 6, D. C., and Falls Church, Va.

NELSON, Herman W. (Life Member; M 1909) Chairman of the Board, • The Herman Nelson Corp., 1824 Third Ave., Moline, Ill.

NELSON, Laurence K. (M 1940) Assoc., • James M. Todd, Mech. & Cons. Engr., 410 Maritime Bldg., New Orleans 12, and 2502 Palmer Ave., New Orleans, La.

NELSON, Richard E. (A 1933; J 1928) Pres. and Gen. Mgr., The Herman Nelson Corp., 1824 Third Ave., and • 1303 30th St., Moline, Ill.

NELSON, Roy O. (M 1935) Sales Engr., C. H. Bevington Co., 7500 S. Michigan Ave., and • 5636 N. Bernard St., Chicago, Ill.

NESBITT, Albert J. (M 1921) Pres., • John J. Nesbitt, Inc., State Rd. & Rhawn St., Holmesburg, Philadelphia 36, and Rockfield Farm, Tennis Ave. & Welsh Rd., Ambler, Pa.

NESMITH, Oliver E. (A 1928) Engr., Williams Oil-O-Matic Heating Corp., Bell & Hanna, and • 107 Warner, Bloomington, Ill.

NESS, William H. C. (M 1931) Secy. and Gen. Mgr., • Master Fan Corp., 1323 Channing St., Los Angeles 21, and 215 N. Kingsley Dr., Los Angeles, Calif.

Vermont Ave., N.W., Rm. 405, Washington, D. C., and 2120 Forest Glen Rd., Silver Spring, Md.

NEST, Richard E. (M 1936) Consultant, • 5018 Morelle Rd., Baltimore, Md.

NEUBAUER, Edwin W. (M 1939) Engr., • Campbell Norquist & Co., 1127 S.W. Morrison St., Portland 5, and 4804 N.E. Davis, Portland 15, Ore.

NEWBY, Ira P. (M 1941) Htg. and Fuel Unit, U. S. Army, 8th Service Command, Santa Fe Bldg., and • 6825 Bryan Pkwy., Dallas 14, Texas.

NEWMAN, Harold E. (M 1938) Mgr., • B. A. Newman Co., Box 107, and 419 Buckingham Way, Fresno, Calif.

NEWPORT, Charles F. (Life Member; M 1906) Sales Engr., Well-McLain Co., Michigan City, Ind., and • 10001 Longwood Drive, Chicago, Ill.

NEWTON, Albert E. (A 1943) Engr., • Hall-Neal Furnace Co., 1924 N. Capitol Ave., and 4515 E. Washington, Apt. 1, Indianapolis, Ind.

NEWTON, Alwin B. (M 1928) Mgr. Refrigeration Controls Div., • Minneapolis-Honeywell Regulator Co., 2747 Fourth Ave., S., Minneapolis 8, and 18 W. Rustic Lodge Ave., Minneapolis 9, Minn.

NICHOLLS, John M. (M 1939) • Robbins Gamewell Corp., 68 West St., and 186 Bartlett Ave., Pittsfield, Mass.

NICHOLS, Howard R. (A 1943) Engr., Healy Plumbing & Heating Co., 278 W. Kellogg Blvd., St. Paul, and • 5416 Park Pl., Minneapolis, Minn.

NICHOLSON, Sterling J. (A 1941) Pres., • Nicholson, Inc., Box 317, Durham, N. C.

NICKLE, Arthur J. (A 1926) Sales Engr., • Darling Brothers, Ltd., 140 Prince St., and 4356 Marcell Ave., Montreal, Que., Canada.

NICOLL, Scott F. (M 1939) Mech. Engr., • York Corp., York, and 1433 First Ave., Elmwood, York, Pa.

NICOLS, J. A. (M 1941) Mgr., B. F. Sturtevant Co., 31 Clinton St., Newark 2, and • 440 Kimball Turn, Westfield, N. J.

NIEMOELLER, Arthur R. (A 1943) Sales Engr., Art Niemoeller, Elec. Equip., and • 5817 Itaska St., St. Louis 9, Mo.

NIESKE, George F. (M 1943) Engr., C. N. Flagg & Co., Inc., 79 Griawold St., and • 794 Bee St., Meriden, Conn.

NIESSE, Joe H. (M 1938) Indiana Br. Mgr., Iig Electric Ventilating Co., 836 Architects & Builders Bldg., Indianapolis 4, and • 5837 Winthrop Ave., Indianapolis, Ind.

NIGHTINGALE, George F. (A 1931) • 2186 Linneman St., Glenview, Ill.

NOBBS, Walter W. (M 1919) Cons. Engr., 26 Victoria St., London S.W. 1, and • 50 Fairhazel Gardens, London N.W. 6, England.

NOBIS, H. M. (M 1914) Owner, • Nobis Heater Co., 1935 Union Commerce Bldg., Cleveland, and 1827 Stanwood Rd., E. Cleveland 12, Ohio.

NOBLE, Milner (M 1940; A 1929; J 1924) Pres., • Aerofin Corp., 410 S. Geddes St., and 701 Allen St., Syracuse, N. Y.

NOLAN, James J., Jr. (M 1939) Principal Engr., Repairs & Utilities, Br. Office, Chief of Engrs., War Dept., 21st & Virginia Ave., Washington 25, and • 4024 Calvert St., N.W., Washington 7, D. C.

NOLAN, John J. (M 1943) Prop., • J. J. Nolan & Co., 78 Washington Ave., and 1606 Goodbar, Memphis, Tenn.

NOLL, William F. (M 1924) Prop., • Wm. F. Noll, 629 North 27th St., Milwaukee 8, and 4823 W. Townsend St., Milwaukee 10, Wis.

- Engr., Rust Engineering Co., c/o American Viscose Corp., and • Browntown Rd., Front Royal, Va.
- NORAIR, Henry** (M 1938) Pres., • Norair Engineering Corp., 1114-22nd St., N.W., and 6908-32nd St., N.W., Washington, D. C.
- NORBY, Karl H.** (M 1943; A 1938) Mgr. Heating Dept., Tacoma Plumbing Supply Co., 316 South 23rd, Tacoma, and • Box 118, Parkland, Wash.
- NORDINE, L. F.** (M 1914) Mgr., Washington Office, The Trane Co., 2701 Ontario Rd., N.W., Washington, D. C., and • 812 Silver Springs Ave., Silver Spring, Md.
- NORDSTROM, Fielder A.** (S 1943) Student, University of Minnesota, and • 420 Oak St., S.E., Minneapolis, Minn.
- NORFOLK, Leslie W.** (A 1941; J 1939) Lt.-Col., Royal Engrs., H. M. Forces, P. H. 2, Gibraltar, and • 42 Hampden St., Nottingham, England.
- NORMAN, Roy A.** (M 1927) Prof. of Mech. Engrg., Iowa State College, Mech. Engrg. Dept., and • 715 Ridgewood Ave., Ames, Iowa.
- NORRINGTON, Walter L.** (A 1943; J 1938) Capt., Ordnance Dept., Office of Chief of Ordnance, Washington, D. C., and • 305 Barbara Fritchle, Beverly Plaza, Alexandria, Va.
- NORRIS, W. P.** (A 1944; J 1938) Asso. Engr., U. S. War Dept., Corps of Engrs., • U. S. District Engrs. Office, Rm. 811, Santa Fe Bldg., and 1718 Ave. F, Galveston, Texas.
- NORTE, Wilbur R.** (J 1942) Indus. Sales, • Crane Co., 532 Eighth Ave., S., Nashville, Tenn.
- NORTH, Clarence P.** (M 1942) Chief Engr., Campbell Heating Co., P. O. Box 838, Des Moines 4, and 3614 E. Seventh St., Des Moines 16, Iowa.
- NORTH, Sam L.** (A 1942) Partner, • North Brothers, P. O. Box 252, Atlanta 1, Ga.
- NORTH, William R.** (A 1940) Sales Engr., • 27 S. Gay St., Baltimore 2, Md.
- NORTON, John A.** (M 1940) Mgr., Htg. Sales Div., Crane Ltd., 306 Front St., W., Toronto, and • 136 Hanna Rd., Leaside, Ont., Canada.
- NORTON, L. Ivan** (A 1941) Engr., • Eveready Pibg. & Htg. Co., 514 W. Main St., Washington, Iowa.
- NOTTAGE, Herbert B.** (J 1948) Asst. Project Engr., Pratt & Whitney Aircraft, East Hartford 8, and • 14 Beech St., Manchester, Conn.
- NOTTBERG, Gustav** (A 1938) Vice-Pres., • U. S. Engineering Co., 914 Campbell, and 1835 East 68th St. Terr., Kansas City, Mo.
- NOTTBERG, Henry J.** (M 1919) Pres., • U. S. Engineering Co., 914 Campbell St., and 150 West 54th St., Kansas City, Mo.
- NOTTBERG, Henry, Jr.** (J 1937) Secy., • U. S. Engineering Co., 914 Campbell St., and 150 West 54th St., Kansas City, Mo.
- NOVOLANSKY, Sydney L.** (J 1943) Flight Sgt., Inspector, 8 Repair Depot, R. C. A. F., and • 787 Pritchard Ave., Winnipeg, Man., Canada.
- NOWITZKY, Herman S.** (A 1931) Supt. Construction, Wilmer & Vincent Corp., 1776 Broadway, New York, N. Y., and • 821 Llewellyn Ave., Norfolk, Va.
- NOYES, Richard R.** (J 1938) Field Engr., • Canadian Sirocco Co., Ltd., 680 Dorchester St., W., and 5552 Queen May Rd., Apt. 4, Montreal, Que., Canada.
- NUNLIST, F. J., Jr.** (M 1943) Asst. Chief Engr., L. J. Mueller Furnace Co., 2006 W. Oklahoma, and • 528 North 19th St., Milwaukee, Wis.
- vania Engineering Co., 1119-21 N. Howard St., Philadelphia, and 315 Carpenter Lane, Germantown, Philadelphia, Pa.
- NUSBAUM, S. Richard** (A 1944; J 1940) Mgr., • Pennsylvania Engineering Co., 1119-21 N. Howard St., Philadelphia, and 552 Montgomery Ave., Haverford, Pa.
- NUTTING, A.** (M 1940) Chief Engr., • American Air Filter Co., 215 Central Ave., and 4040 Ormond Rd., Louisville, Ky.
- NYE, L. Bert, Jr.** (A 1943; J 1936) Staff Engr., Washington Gas Light Co., 1100 H St., N.W., Washington, D. C., and • McLean, Va.
- NYLAND, J. A.** (A 1944) Owner, • Nyland Sheet Metal Co., 2323 W. Tenth St., and 1425 West 34th St., Indianapolis, Ind.
- NYQUIST, John D.** (J 1943; S 1941) Model Shop Supt., Collins Radio Co., and • 1535 Bever Ave., Cedar Rapids, Iowa.

O

- OAKLEY, LeRoy W.** (M 1937) Owner, • L. W. Oakley Sales Co., 408 W. Clinch Ave., and 2003 Laurel Ave., Knoxville, Tenn.
- OAKS, Orion O.** (M 1917) Consulting Mech. Engr., 511 Fifth Ave., New York, N. Y., and • 119 Oakridge Ave., Summit, N. J.
- O'BANNON, Lester S.** (M 1928) Research Engr., • Kentucky Agricultural Experiment Station, University of Kentucky, and 123 State St., Lexington, Ky.
- OBERG, H. C.** (A 1938) Mgr. Engrg. Dept., Crane Co., Fifth and Broadway, and • 1362 W. Minnehaha St., St. Paul, Minn.
- OBERLIN, James A.** (J 1942; S 1940) Engr., • Allied Products Corp., Plant 8, and 211 Union St., Hillsdale, Mich.
- OBERSCHULTE, Richard H.** (A 1944; J 1938) Sales Engr., • D. T. Randall & Co., -404 Blvd. Bldg., Detroit, and Box 76, Franklin, Mich.
- O'BRIEN, Thomas J.** (M 1943) Partner, • Allied Architects & Engrs., 1030 Exchange Bldg., and 1483 Vance Ave., Memphis, Tenn.
- O'CONNELL, Thomas D'Arcy** (A 1942) Pres., Thomas O'Connell, Ltd., 1169 Ottawa St., and 1505 Mountain St., Montreal, Que., Canada.
- O'DANIEL, James A.** (M 1942) Owner, • Maple City Furnace Co., 603 S. Main St., Monmouth, Ill.
- O'DOWER, Hugh J.** (A 1938) Field Engr., • Vilter Manufacturing Co., #114 W. Tenth St., and 6844 Locust, Kansas City, Mo.
- ODUM, Ralph A.** (A 1939) • R. 1, Box 173, Holly Hill, Fla.
- OELGOETZ, J. F.** (M 1938) Sole Owner, • J. F. Oelgoetz Co., 3365 N. High St., and 279 E. North Broadway, Columbus, Ohio.
- OESTERLE, A. L.** (M 1940) 3420 Live Oak Pl., New Orleans, La.
- OFFEN, Ben** (M 1928) Owner, Htg. and Vtg. Engr., • B. Offen & Co., 348 S. Dearborn St., Chicago, Ill.
- OFFNER, Alfred J.** (M 1922) (Treas., 1935-38; Council, 1935-43) Cons. Engr., • 129 East 53rd St., New York, and 150-15-11th Ave., Beechurst, L. I., N. Y.
- O'GORMAN, J. S., Jr.** (A 1934) Mgr., Detroit Office, • Johnson Service Co., 230 E. Alexandrine Ave., Detroit 1, and 147 Abbey Rd., Birmingham, Mich.
- OLD, William H.** (M 1937) Asst. Mgr., • Glans & Killian Co., 1761 Forest Ave., W., Detroit 8, and 18246 Devonshire Rd., R. F. D. 5, Birmingham, Mich.
- OLSEN, Carlton F.** (A 1925; J 1920) Engr. and Sales, Kewanee Boiler Corp., 549 W. Washington Blvd., and • 1000 West 100 St., Chicago, Ill.

OLSON, Gustav E. (M 1907) Sales Mgr., Figgibbons Boiler Co., Inc., 101 Park Ave., New York, and • 68-09 Beach Channel Dr., Arverne, L. I., N. Y.

OLSON, Barney (A 1929) • Barney Olson, Inc., 122 S. Michigan Ave., and 5724 N. Natoma Ave., Chicago, Ill.

OLSON, Erling O. (A 1943) Service Engr., Oil Burner Service Co., Inc., 315 W. Lake St., Minneapolis, and • 2106 Randolph St., St. Paul, Minn.

OLSON, Eugene O. (M 1942) Asst. Prof., • Iowa State College, Engineering Extension Service, Ames, Iowa.

OLSON, Gilbert E. (M 1930) Southern Mgr., • H. K. Ferguson Co., 1606 Commerce Bldg., and 8359 Park Place Blvd., Houston, Texas.

OLSON, Milton J. (A 1941; J 1937) Vice-Pres., Olson Bros., 2651-55 St. Mary's Ave., and • 5627 Williams St., Omaha, Nebr.

OLVANY, William J. (Life Member; M 1912) Pres., • Wm. J. Olvany, Inc., 100 Charles St., New York 14, and 109-40-71st Rd., Forest Hills, N. Y.

O'NEILL, James W. (M 1929; A 1927; J 1925) Chief Engr., Trane Company of Canada, Ltd., 4 Mowat Ave., Toronto, and • 65 Highview Crescent, Toronto 10, Ont., Canada.

OONK, W. J. (M 1937) Dist. Engr., B. F. Sturtevant Co., 1815 Syndicate Trust Bldg., St. Louis 1, and • 4548 Red Bud Ave., St. Louis 15, Mo.

OOSTEN, Louis S. (A 1944; J 1938) Asst. Chief Engr., Bell & Gossett Co., 8200 N. Austin Ave., Morton Grove, and • 725 Case St., Evanston, Ill.

OREAR, Andrew G. (M 1942; A 1930) Pres., • Trade-Wind Motors, Inc., 5725 S. Main St., Los Angeles 37, and 1015 E. Raleigh St., Glendale 5, Calif.

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• Quackenbush Co., 117 W. Tupper St., and
251 Parkside Ave., Buffalo, N. Y.
QUALIA, Clarence O. (A 1937) Owner, Quali
Plumbing & Heating Co., 65 Ninth St., and
• 54 Pearl St., Clintonville, Wis.
QUEER, B. R. (M 1933) Lt. Comdr., U.S.
N.R., Navy Department, Bureau of Ships,
Washington, D. C., and • 5707-26th St., N.,
Arlington, Va.
QUIRK, Clinton H. (M 1916; J 1916) Sales
Engr., Htg., Plbg. and Air Cond., • 465
Front St., Hempstead, L. I., N. Y.

R

RABE, Albert E. (M 1939) Manager, • Carrier
Div., Armco Industrial E Comercial S/A,
Rio de Janeiro, Brazil.
RABER, B. F. (M 1937) Prof. Mech. Engr.,
Chairman, Dept. of Mech. Engr., • Uni-
versity of California, 114 Engineering Bldg.,
Berkeley 4, and 1124 Arch St., Berkeley 8,
Calif.
RAINEY, Walton (M 1943) Industrial Engi-
neer, John B. Stetson Co., Fifth & Mont-
gomery Aves., and • 1327 E. Lindenwood St.,
Philadelphia, Pa.
RAINGER, Wallace F. (A 1930; J 1924) Jaros.
Baum & Bolles, 415 Lexington Ave., New
York 17, and • 441 Hawthorne Ave., Yonkers
16, N. Y.
RAINSON, Samuel J. (J 1940) United States
Navy Seabees, 2nd class P. O. Machinist
Mate, and • 4316 Wickham Ave., Bronx 68,
N. Y.
RAISLER, Robert K. (M 1941; A 1933; J 1930)
Treas., • Raisler Corp., 129 Amsterdam Ave.,
and 38 East 86th St., New York, N. Y.
RAMONEDA, Enrique (A 1944; J 1941) Engr.,
• Ing. Enrique Ramoneda, Valladolid No. 25,
Mexico, D. F., Mexico.
RAMSEUR, Vardry D., Jr. (J 1940) Htg.
Engr., Ramseur Roofing Co., Inc., 353 W.
McBee Ave., and • 50 Woodvale Ave., Green-
ville, S. C.
RAND, Fred R. (M 1938) Sales Mgr., Enamel
& Heating Products, Ltd., Main St., and
• Squire St., Sackville, N. B., Canada.
RANDALL, Robert D. (A 1930) Partner, • D.
T. Randall & Co., 7310 Woodward Ave., 404
Bldg., Detroit 2, and 340 E. Grand
Bldg., Detroit 7, Mich.
RANDALL, W. Clifton (M 1923) Chief Engr.,
• Detroit Steel Products Co., 2250 E. Grand
Bldg., Detroit, and 770 Shirley Dr., Birming-
ham, Mich.
RANDOLPH, Charles E. (M 1930; A 1928;
J 1926) Air Cond. Engr., Wisconsin Electric
Power Co., 231 W. Michigan St., and • 2035
N. Prospect Ave., Milwaukee, Wis.

Utica 2, and 12 Woodlawn Ave., E., Utica,
N. Y.
RATHER, Maxwell F. (M 1919) Dist. Mgr.,
• Johnson Service Co., 28 East 29th St.,
New York, N. Y., and 40 W. Elm St.,
Greenwich, Conn.
RAVEN, A. H. (M 1938) Htg. Engr., Wigman
Co., 313 Perry St., and • 2119 George St.,
Sioux City, Iowa.
RAY, George E. (J 1939) Elect. Mate, 2nd
Class, U. S. Coast Guard, • 2018 Jefferson
Ave., Toledo 2, and 24 West Ave., Elyria,
Ohio.
RAY, John A. (M 1942) Sales Engr., • W. E.
Lewis & Co., 610 Thomas Bldg., and 5211
Stoneleigh Ave., Dallas, Texas.
RAY, Lewis B. (M 1932) Pres., • Ray Engi-
neering Co., 330 Broad St., Newark, and 151
Augusta St., Irvington, N. J.
RAYMER, William F., Jr. (A 1936; J 1934)
Htg.-Vtg. Engr., Wright Aeronautical Corp.,
132 Beckwith Ave., Paterson, and • 97 Leas-
ing Rd., West Orange, N. J.
RAYMOND, Fred I. (A 1929) Owner, • F. I.
Raymond Co., 629 W. Washington Blvd.,
Chicago, Ill.
RAYNIS, Theodore (A 1939; J 1934) Naval
Archit., Navy Yard, Brooklyn, and • 58 Hill-
top Dr., Manhasset, L. I., N. Y.
READER, Joseph T. (A 1938) Partner, • Kerr
Machinery Co., 508 Kerr Bldg., and 3163 E.
Jefferson Ave., Detroit, Mich.
REARDON, John F. (A 1941) • Rt. #3, Fourth
& O St., David City, Nebr.
REDRUP, Will D. (M 1936) Pres., • The Ma-
jestic Co., and 310 Randolph St., Hunting-
ton, Ind.
REDSTONE, A. L. (M 1931) Research Engr.,
Proctor & Schwartz, Seventh & Tabor Rd.,
and • 1686 E. Duval, Philadelphia, Pa.
REED, Frederick J. (M 1939) Asst. Prof. Mech.
Engr., • Duke University, 263 College Sta-
tion, and 2203 Englewood Ave., Durham, N. C.
REED, Stanley F. (J 1943) • Moran Towing &
Transportation, 17 Battery Pl., New York,
and 2 West 16 St., New York 11, N. Y.
REED, Van A., Jr. (M 1930) Secy., • Federal
Engineering Co., 239 Fourth Ave., Pitts-
burgh, and 114 Water St., Elizabeth, Pa.
REED, Virgil C. (M 1938) Mgr., • James H.
Pinkerton Co., 640 Natoma St., San Fran-
cisco 3, and 3117 Lakeview Way, Redwood
City, Calif.
REED, William H. (A 1938) Lt. (jg) U.S.
N.R., • E(v) SSS, Terminal Island, San
Pedro, Calif., and Dravo Corp., 302 Penn
Ave., Pittsburgh, Pa.
REESE, Henry L. (M 1928) Cons. Engr., • 18
Woodland Rd., Wyomissing, and R. D. #4,
"The Pines," Coudersport, Pa.
REGER, Henry P. (M 1934) Pres., • H. P.
Reger & Co., 1501 East 72nd Pl., Chicago, Ill.
REICH, Julius G. (A 1941) Branch Mgr.,
• Holland Furnace Co., 725 E. Main St., and
750 Hartshorn, Alliance, Ohio.
REID, Henry P. (M 1931; A 1927) Asst. to
Pres., • Universal Atlas Cement Co., 135
East 52nd St., New York 17, and 72 Mercer
Ave., Hartsdale, N. Y.
REID, Herbert F. (A 1932) Partner, Htg.
Dept., • Reid-Graff Co., 1417 Peck St., and
1552 Maffet, Muskegon Heights, Mich.
REIF, Allan F. (M 1937) Col., U. S. Army,
• 10 Livingston Pkwy., Snyder, and Pres.,
Reif-Rexoil, Inc., 37-43 Carroll St., Buffalo,
N. Y.
REIF, Charles A. (M 1937) Vice-Pres., • Reif-
Rexoil, Inc., 37 Carroll St., Buffalo 3, and
77 Ruskin Rd., Eggertsville 21, N. Y.

- REIFSCHNEIDER, Jake (A 1938) Maintenance Mgr., • Eppley Hotels Co., 1802 Dodge St., Omaha, Nebr.
- REILLY, Bertram B. (J 1938) Engr., • Dravo Corp., Machinery Div., 300 Penn Ave., Pittsburgh, and 220 Ridge Ave., Ben Avon, Pa.
- REILLY, J. Harry (M 1931; J 1929) Design Engr., Federal Shipbuilding & Dry Dock Co., 744 Broad St., Newark, and • 14 Watson Ave., East Orange, N. J.
- REILLY, Phillip H., Jr. (A 1941) Secy.-Treas., • Heating Equipment Co., 600 Indiana St., San Francisco, and 1321 Van Couver Ave., Burlingame, Calif.
- REINKE, Alfred G. (A 1940; J 1938) Secy., Gus Reinke Machinery & Tool Co., 885 Hillside Ave., Hillside, and • 321 Park Pl., Irvington, N. J.
- REINKE, Louis F. (A 1937) Owner, • Reinke Sheet Metal Works, 534 S. Fifth St., and 1535 W. Walker St., Milwaukee, Wis.
- REIS, Robert (A 1944; J 1938) Mech. Engr., • Wigton Abbott Corp., 1225 South Ave., and 563 W. Eighth St., Plainfield, N. J.
- REISBERG, Lester K. (M 1942; A 1939) Vice-Pres., • Goodin Co., 615 N. Third St., and 2724 N.E. Hayes St., Minneapolis, Minn.
- REPP, Harry L. (M 1922) Branch Mgr., • U. S. Radiator Corp., 402 Swatland Bldg., Cleveland 15, and 14611 Clifton Blvd., Lakewood, Ohio.
- RESCH, Roy J. (A 1940) Pres., • McQuay, Inc., 1600 Broadway, N.E., Minneapolis, Minn.
- REITTEW, Harvey F. (M 1929) Chief Engr., Board of Education, 21st & Pkwy., and • 4912 Osage Ave., Philadelphia, Pa.
- REX, Harland E. (M 1942; J 1930) • Carrier Corp., 20 N. Wacker Dr., Chicago 6, and 7255 W. Greenleaf Ave., Chicago 31, Ill.
- REYNOLDS, Thurlow W. (M 1922) Consulting Engr., • 100 Pinecrest Dr., Hastings-on-Hudson, N. Y.
- REYNOLDS, W. V. (A 1928) Pres., • Walter Reynolds, Inc., 861 Third Ave., New York, and 80 Boulevard, Scarsdale, N. Y.
- RHEAULT, Walter E. (M 1942) Capt., U. S. Army, • C. of E., 325th Engr. C Bn., A. P. O. 447, Nashville, Tenn., and 2246 Orchard St., Racine, Wis.
- RHINE, George R. (A 1938) Major—Army—Overseas Duty, and • Box 453, Columbus, Texas.
- RHOTON, W. R. (M 1936) Pres., The W. R. Rhoton Co., and • 1728 Lee Rd., Cleveland Heights, Ohio.
- RICE, C. J. (A 1923) Pres., Sterling, Inc., 3738 N. Holton St., and • 826 E. Donges Rd., Milwaukee 11, Wis.
- RICE, Robert B. (M 1934) Exec. Officer, Mech. Engrg. Dept., Dir., Naval Diesel School, • North Carolina State College, State College Station, and 2710 Anderson Dr., Raleigh, N. C.
- RICHARD, Edwin J. (M 1933) Mgr., • Richard Equipment Co., 2137 Reading Rd., Cincinnati 2, and 3147 Victoria Ave., Cincinnati, Ohio.
- RICHARDS, Guy H. (A 1939) 1st Lt., Corps of Engineers, U. S. Army, A. P. O. 947, Utilities Section, c/o Postmaster, Seattle, Wash., and • 7230 S. First Ave., Birmingham, Ala.
- RICHARDS, Leslie V. (M 1941; A 1940) Owner-Mgr., • Richards Oil Burner Sales & Service, 97 Lawrence St., Malden, Mass.
- RICHARDSON, Frank C., Jr. (M 1943) Sr. Mech. Engr., Applied Physics Laboratory of Johns Hopkins University, 8621 Georgia Ave., and • 1904 Grace Church Rd., Silver Spring, Md.
- RICHARDSON, Henry G. (M 1934) Pres., Hama-Richardson Co., and • 1433 Ha Ave., Salt Lake City, Utah.
- RICHARDSON, Robert D. (J 1938) Active, Bombardier Royal Regiment Art and • 85 Silbitt Hall Rd., Solihull, Birmingham, England.
- RICHARDSON, Walter A. (J 1942) Eng charge of Htg. Dept., Thorn & Hoddle, 151 Victoria St., and • 118 Mashiters Romford, Essex, England.
- RICHMOND, K. C. (M 1943) Editor, Heat (Magazine), 20 W. Jackson Blvd., Chicago, and • 846 Park Ave., River Forest.
- RIDLEY, Walter H. (M 1939) Industrial Chemist, War Production Board, Lowell • 22 Westford St., Chelmsford, Mass.
- RIBS, Lester S. (M 1929) Supt., Des Bldgs. and Ground, • Oberlin College, College St., Oberlin, Ohio.
- RIESECK, Wilbert L. (J 1943; S 1941) Corps of Engineers, U. S. Army, and W. P. Rieseck, 2763 East St., Pittsburgh.
- RIESMEYER, Edward H., Jr. (A 1936; J Htg. Engr., • Schaffer Heating Co., Water St., Pittsburgh 22, and 4702 St Ave., Pittsburgh 1, Pa.
- RIETZ, Elmer W. (M 1923) Mgr., Sp. Div., • The Powers Regulator Co., Greenview Ave., Chicago, and 2250 S. dan Rd., Highland Park, Ill.
- RILEY, John N. (M 1942) Lt. (ig) E. U.S.N.R., c/o Supervisor of Shipbul U.S.N., Willamette Iron & Steel Corp • 4327 S.E. Ash St., Portland, Ore.
- RINK, Charles N. (M 1942) Dir., Engrg sign, and Research, McQuay, Inc., Broadway, N.E., and • 4802 Emerson S., Minneapolis, Minn.
- RISLEY, George H. (A 1941) Mgr., Draft Governor Co., 516 S.W. Oak St., land 4, and Rt. 10, Box 582, Milwaukee
- RITCHIE, A. G. (M 1938) Pres., • John R Ltd., 102 Adelaide St., E., and 41 G Ave., Toronto, Ont., Canada.
- RITCHIE, Edmund J. (M 1923) Vice-Sales., Sarco Co., Inc., 475 Fifth Ave. York, and • 2 Grace Court, Brooklyn, Mich.
- RITTELMAYER, John M. (M 1941) • meyer & Co., 816 Bona Alley Bldg., A 3, and 2332 Woodward Way, N.W., Al Ga.
- RITTENHOUSE, Owen R. (J 1943; S Foreman, Inspection Dept., Saginaw ing Gear Div., General Motors Corp., 2, Holmes St., and • 1003 Court St., Sag Mich.
- RITTER, Arthur (M 1911) Mgr., N. Y. • American Blower Corp., 50 West 40 New York 32, and Chateau Champlain, Scarsdale, N. Y.
- RIVARD, M. M. (M 1935) Mgr., Rivard Co., 203 Alameda Rd., and • 1805 Wes Terr., Kansas City 2, Mo.
- ROACH, E. R. (A 1941) Htg. and Vtg. Engineer Board, Ft. Belvoir, and • 724 Asaph St., Apt. 104-A, Alexandria, V
- ROBB, Joseph E. (A 1936) Sales Engr., neapolis-Honeywell Regulator Co., Fourth Ave., S., Minneapolis, Minn • 1717 Illinois St., Lawrence, Kan.
- ROBERTS, Edward F., Jr. (A 1942; J Partner-Gen. Mgr., • Edward F. Rober 2622 Columbia Ave., Philadelphia, ar Righters Mill Rd., Penn Valley, Pa.
- ROBERTS, Harry H. (A 1944; J 1941) Archt., U. S. Maritime Commissioner Baronne St., and • 7444 St. Charles Apt. 2-F, New Orleans, La.
- ROBERTS, Henry L. (M 1916; • 228 16th St., Philadelphia, and 1014 Allisto Brookline, Del. Co., (Upper Darby F Pa.

ROBERTS, Henry P. (A 1936) Sgt., 37320308, H. & B. Co. 1807 Engr. (G.S.) Rest., Camp Claiborne, La., and • 3142 W. Lake Calhoun Blvd., Minneapolis, Minn.

ROBERTSON, Archie M. (M 1944) Chief Engr., • Stewart A. Jellott Co., 1200 Locust St. and 7814 Bryan St., Philadelphia, Pa.

ROBERTSON, J. A. M. (A 1936) Vice-Pres., • The James Robertson Co., Ltd., 946 William St., Montreal, and 109 Sunnyside Ave., Westmount, Que., Canada.

ROBERTSON, John D. W. (A 1943) Engr. and Field Supr., Consolidated Conditioning Corp., 466 S. Tenth Ave., Mt. Vernon, and • 660 East 242nd St., New York 66, N. Y.

ROBIN, Richard C. (A 1941) Section Leader, General Electric Co., 920 Western Ave., Lynn, and • Hartford St., Natick, Mass.

ROBINSON, Arthur S. (M 1936) Engr., E. I. duPont de Nemours Co., Wilmington, Del., and • 730 Ogden Ave., Swarthmore, Pa.

ROBINSON, Claude A. (A 1943) Owner, Robinson Radiant Heat, 18901 Grand River Ave., and • 14638 Southfield Rd., Detroit, Mich.

ROBINSON, Donald M. (A 1936) • Buffalo Forge Co., 612 Woodward Bldg., Washington, D. C., and 5509 Lambeth Rd., Bethesda, Md.

ROBINSON, Edgar R. (A 1938) Sr. Draftsman, Vtg. and Htg., New York Shipbuilding Corp., Camden, and • 216 Carlton Ave., Westmont, N. J.

ROBINSON, George L. (A 1935) Designer, E. I. duPont de Nemours Co., and • 14 West 36th St., Wilmington, Del.

ROBINSON, Jack A. (A 1940; J 1936) Engr., • J. A. Robinson & Associates, 252 George St., Sydney, Australia

ROBINSON, Kenneth E. (M 1943; J 1941) Engr., Michigan Department of Health, Bureau of Industrial Hygiene, and • 211 Smith Ave., Lansing 10, Mich.

ROCHE, Austin O., Jr. (M 1943) Mgr. of Mfg., Hoffman Specialty Company, 1001 York St., and • 3956 Broadway, Indianapolis, Ind.

ROCK, George A. (M 1937) Chief Navy Inspector, • Bureau of Yards & Docks, U. S. Navy, c/o Officer in Charge, Cherry Point, and 423 Spencer Ave., New Bern, N. C.

ROCKWELL, Theo. F. (M 1933; J 1932) Asst. Prof. Mech. Engrg., • Carnegie Institute of Technology, Schenley Park, Pittsburgh, and Glenover Place, Aspinwall, Pittsburgh 15, Pa.

RUDEE, E. J. (M 1936) LL., U.S.N.R., Office of Supvr. of Shipbuilding, Bethlehem Steel Corp., and • 18 Samoset Ave., Quincy, Mass.

RODEFFER, Edgar W. (A 1941) U. S. Army, and • 668 West 70th St., Los Angeles, Calif.

RODENHEISER, George B. (M 1933) Asst. Dir., • David Ranken, Jr., School of Mechanical Trades, 4431 Finney Ave., St. Louis 13, and 3639a Dover Place, St. Louis 16, Mo.

RODGERS, Frederick A. (A 1934) Pres., Rodgers Engineering Co., 207 Thomas Bldg., and • 3913 Amherst, Dallas, Texas.

RODGERS, Joseph S. (A 1937; J 1934) Assoc. Mech. Engr., Naval Academy, U.S.N., Annapolis, and • 16 Fourth Ave., S., Glen Burnie, Md.

ROEBUCK, William, Jr. (M 1917) Owner, • 220 Delaware Ave., Buffalo 2, and 1240 Delaware Ave., Buffalo, N. Y.

ROEDER, Winfield (M 1941) Branch Mgr., • American Blower Corp., 405 Temple St., New Haven 11, and 484 Whitney Ave., New Haven, Conn.

ROGERS, Charles S. (A 1940) LL. (Jg) U.S. N.R., Asst. to Inspector of Naval Material, • 275 Colman Bldg., Seattle 4, and 8045 11th Ave., N.E., Seattle 6, Wash.

RONICK, Edward H. (M 1937) Industrial Engr., • The St. Louis County Gas Co., 231 W. Lockwood Ave., Webster Groves 19, and 7739 Stanford, University City 5, Mo.

ROOT, Edwin B. (M 1936) Superior Safety Furnace Pipe Co., 5816-44 Forsythe Ave., Detroit, and • 964 Pierce St., Birmingham, Mich.

ROPER, Richard F. (A 1940) U. S. Army, Camp Maxey, Texas, and Pres., • Pleasantaire Corporation of America, Tower Bldg., Washington 5, D. C.

ROSAS, Milton L. (J 1941) Sales Engr., • 514 Wesley Temple Bldg., Minneapolis, and 189 E. Congress, St. Paul 7, Minn.

ROSE, Harold J. (M 1938) Vice-Pres., in Charge of Research, • Anthracite Industries, Inc., Mellon Institute, and 219 Lytton Ave., Pittsburgh 13, Pa.

ROSE, Howard J. (M 1934) Pres.-Gen. Mgr., Consolidated Conditioning Corp., 460 S. Tenth Ave., Mt. Vernon, and • 100 Norman Rd., New Rochelle, N. Y.

ROSE, Jerome C. (M 1937) Htg. and Vtg. Engineer, U. S. Rubber Co., 1230 Sixth Ave., New York, and • 8031-213th St., Hollis, L. I., N. Y.

ROSEBROUGH, J. Stoddard (M 1943; A 1937) Sales Engr., L. J. Mueller Furnace Co., 2920 Washington Ave., St. Louis 8, and • 5937 McPherson Ave., St. Louis 12, Mo.

ROSEBROUGH, Robert McC. (M 1920) Branch Mgr., • L. J. Mueller Furnace Co., 2920 Washington Ave., St. Louis 8, and 332 Bompart Ave., Webster Groves 19, Mo.

ROSEBY, Thomas A. (M 1939) Chief Design Engr., • Air Conditioning Engineers, Yorkshire House, 14 Spring St., Box 161D, G.P.O., and 4 Fernhurst Ave., Cremorne, N.S.W., Sydney, Australia.

ROSELL, Axel P. (M 1935) Civil Engr., • A.-B. Svenska Flaktfabriken, Kungätern 18, and Kammakaregatan 25, Stockholm, Sweden.

ROSEN, Edmond J. (A 1939) Tech. Engr., • Merrill N. Musgrave & Co., 2019 Third Ave., Seattle 1, and 1736 Belmont Ave., Seattle 22, Wash.

ROSENBERG, Irwin (J 1942; S 1939) Asst. Naval Archt., Norfolk Navy Yard, and • 713 High St., Apt. 2, Portsmouth, Va.

ROSENBERG, Philip (A 1928) Secy-Treas., Universal Fixture Corp., 135 West 23rd St., and • 240 West 98th St., New York, N. Y.

ROSENBLATT, Arthur M. (M 1935) Pres., • Rosenblatt & Hunt, Inc., 923 Virginia St., E. P. O. Box 33, and 1250 Edgewood Dr., Charleston, Va.

ROSER, Edward, III (A 1944; J 1943) Air Cond. and Refrig. Engr., U. S. Engineers, Fort Leavenworth, and • 318 North 20th St., Leavenworth, Kan.

ROSS, David S. (S 1941) Student, • Carnegie Institute of Technology, 4929 Forbes St., Pittsburgh, Pa., and 1131 West 22nd St., Lorain, Ohio.

ROSS, J. D. (A 1937) • Railway & Engineering Specialties, Ltd., 417 St. Peter St., and 4376 Earncliffe Ave., Montreal, Que., Canada.

ROSS, John O. (M 1920) Pres., • Ross Industries Corp., 350 Madison Ave., New York 17, and 3 East 69th St., New York 21, N. Y.

ROSS, Otto C. (M 1944) Prop., • Ross Power Equipment Co., 31 E. Georgia St., and 615 East 44th St., Indianapolis, Ind.

ROSS, Roderick (M 1937) • Roderick Ross & Traill, Consulting Engr., Nicholas Bldg., 37 Swanston St., Melbourne, C-1, and 6 Buena St., Elwood, Melbourne, C. 3, Australia.

ROSSITER, I. J. (A 1939) Capt., Air Corps, U. S. Army, • Lincoln Air Base, Box 26, and 2518 Worthington Ave., Lincoln, Nebr.

- ROTH, Charles F. (A 1930) Pres., • International Exposition Co., Grand Central Palace, New York 17, and 141 East 86th St., New York, N. Y.
- ROTH, Harold R. (M 1935) Dist. Mgr., • Canadian Sirocco Co., Ltd., 57 Bloor St. W., and 5 Castlview, Toronto, Ont., Canada.
- ROTHMAN, S. C. (M 1936) Capt., Sn. C., Ind. Htg. Engr., Officer, 2nd S.C. A.S.F., • 2nd S. C. Laboratory, U. S. Army, Rm. 1313x, 90 Church St., New York 7, and 216 East 17th St., New York, N. Y.
- ROTMAYER, Samuel I. (A 1932; J 1928) Mech. Engr., • Samuel R. Lewis, Cons. Engr., 407 S. Dearborn St., and 8830 S. Laflin St., Chicago, Ill.
- ROTZ, J. M. (M 1918) Owner, • J. M. Rotz Engineering Co., 804 Merchants Bank Bldg., and R.R. 16, Box 449, Indianapolis, Ind.
- ROWE, William A. (M 1921) (Council 1929-31) Mech. Engr., • The Trane Co., LaCrosse, Wis., and 718 Longfellow Ave., Detroit, Mich.
- ROWE, William M. (A 1944; J 1936) Field Engr., • American Blower Corp., 1302 Sweetland Bldg., Cleveland 16, and 161 Bradley Ave., Chagrin Falls, Ohio.
- ROWLEY, Frank B. (M 1918) (Presidential Member) (Pres., 1932; 1st Vice-Pres., 1931; 2nd Vice-Pres., 1930; Council, 1927-33) Prof., University of Minnesota, and • Excelsior, Minn.
- ROWLEY, Robert K. (S 1941) Student, University of Minnesota, Minneapolis, and • Excelsior, Minn.
- ROY, Leo (A 1937) Asst. Supt., Power Div., • Quebec Power Co., 229 St. Joseph St., and 41 Laurentides, Quebec, P. Q., Canada.
- RUBEL, Harry L. (A 1943) Owner, • Rubel & Jensen Co., 587 Central Ave., Newark, and 33 S. Munn Ave., East Orange, N. J.
- RUCHTE, Carl O. (A 1943) State Fuel Rationing Officer, O.P.A., Kresge Bldg., 16th & Harney St., and • 5036 Bedford Ave., Omaha, Nebr.
- RUDD, Dann J. (M 1937) Asst. Mech. Engr., New York City Board of Education, 49 Flatbush Ave. Ext., Brooklyn, and • 680 Dear Park Ave., Babylon, L. I., N. Y.
- RUDOLPH, R. R. (M 1943) Engr. P. & I. Analyst, War Production Board, Region XIII, White-Henry-Stuart Bldg., 1838 Fourth Ave., Seattle 1, and • 4518 Willow St., Seattle 8, Wash.
- RUEMMELE, Albert M. (A 1943; J 1938) 1st Lt., • Ord. Dept., Hqs. P.R. Department, O of Asst. C of S. G-4, San Juan, Puerto Rico, and Ashley, N. D.
- RUFF, Adolph G. (M 1935) Supt. of Power, U. S. Playing Card Co., Park Ave., Norwood, and • 3824 Woodford Rd., Cincinnati, Ohio.
- RUFF, D. W. C. (M 1922) Treas., • Healy-Ruff Co., 2265 University Ave., St. Paul 4, and 2211 St. Clair Ave., St. Paul, Minn.
- RUGART, Karl (A 1924) Mfrs. Repr., • 26 South 20th St., Philadelphia 3, and 612 Bryn Mawr Ave., Penn Valley, Narberth P. O., Pa.
- RUGGLES, Robert F. (M 1936; A 1927; J 1926) New York Mgr., • The Herman Nelson Corp., 2 Rector St., New York, and 15 Gregg Place, Randall Manor, Staten Island, N. Y.
- RUMBOLD, Allan B. (M 1941) Pres., • Rumbold & Co., Inc., Rm. 429 Peachtree St., Atlanta, and Norcross, Ga.
- RUMMEL, Adolph J. (M 1937) Sales Engr. & Mfrs. Repr., • Langhammer-Rummel Co., 436 Main Ave., and 236 North Dr., San Antonio, Texas.
- RUMSEY, John L. (M 1941) Chief Engr., • Macnsons, 151 Tehama St., San Francisco, and Belvedere, Marin Co., Calif.
- RUNNINGS, Henry M. (M 1943) Regist. Engr., Detroit Board of Education, Broadway, and • 4729 Vermont Ave., Detroit, Mich.
- RUSSELL, Boyd A. (A 1941) • 10210 P. Dr., Silver Spring, Md.
- RUSSELL, Edward A. (M 1936) Chief Engr., Vapor Car Heating Co., Inc., 1600 S. bourn Ave., and • 8103 Dorchester Ave., Chicago, Ill.
- RUSSELL, J. Nelson (Life Member; M 1 Director, Rosser & Russell, Ltd., 30 Con St., London W. 1, and • Fernacres, Ful near Slough, Buckinghamshire, England.
- RUSSELL, W. A. (M 1921) (Council, 1934-1941-43) Southwestern Zone Mgr., • Hoff Specialty Co., 1229 Union Ave., and 444 V 58th St., Kansas City, Mo.
- RUSSELL, W. A. (M 1943; A 1925) S Mgr., • Skinner Heating & Ventilating 1948 N. Ninth St., St. Louis 6, and • Kingsbury, St. Louis 6, Mo.
- RYAN, Harold J. (M 1940) Pres.-Tr. • Harold J. Ryan, Inc., 101 Park Ave., York 17, and 461-51st St., Brooklyn, N. Y.
- RYAN, Joseph B. (M 1938) Engr., U. S. Engineering Co., 914 Campbell St., and • Charlotte Ave., Kansas City, Mo.
- RYAN, William F. (M 1940; A 1939; J 15 Chief Engr., The Salina Supply Co., 302 N. Santa Fe., and • 310 W. Republic, Sal Kan.
- RYBOLT, Arthur L. (A 1938) Gen. Mgr., • Rybolt Heater Co., Miller St., and 75 Samtan Ave., Ashland, Ohio.
- RYERSON, Herbert E. (M 1937) Exec. En • Cardox Corp., 584 Munsey Bldg., W ington 4, D. C., and 18 Wesssex Rd., Sil Spring, Md.

S

- SABIN, Edward R. (M 1919) Pres., • E. Sabin & Co., 4710 Market St., Philadelphia Pa., and 205 Page Ave., Allentown, N. J.
- SABLE, Edward J. (M 1939) Vice-Pres., Treas., • The F. O. Murphy Co., 25-27 College St., and 246 W. Lorain St., Ober Ohio.
- SACHS, Sam (J 1940) Research Asst. Mech. Engr., University of Illinois, Mech. Engr. Lab., Urbana, and • 815 Central Park, Chicago, Ill.
- SADLER, C. Boone (M 1928) Civil Engr. • Public Works Office, 11th Naval Dist., 4828 Orchard Ave., San Diego, Calif.
- SAENGER, Lester W. (J 1941) Asst. Pl Engr., National Bearing Metals Corp., 4 Manchester Ave., and • 5540 Milentz, Louis 9, Mo.
- SAGINOR, S. V. (M 1939) Gen. Mgr., Da Compressor Co., 266 N. Water St., and • Highland Ave., Kent, Ohio.
- SALE, Francis B. (A 1939) Sales Engr., P ferred Utilities Manufacturing Corp., 11 Broadway, New York 23, N. Y., and • 21 Belmont Rd., N.W., Washington 9, D. C.
- SALTER, Stanton W. (M 1942) Sales Engr. Engineering Equipment Co., Ltd., 620 Ca cart St., Montreal, and • 163 Hillcrest A Montreal W., Que., Canada.
- SALZER, Alfred R., Jr. (J 1940) Mech. Eng Government Construction, and • 1923 N. Cl borne Ave., New Orleans, La.
- SAMPSON, Edwin T. (A 1938) Mgr., Acous cal Dept., • Atlas Asbestos Co., Ltd., 1 McGill St., Montreal, and 28 Finchley R Hampstead, Que., Canada.
- SAMUELS, Sidney (M 1941; A 1928; J 192 Pres., • Sidney Samuels, Inc., 146 West 98 St., and 246 West 107th St., New York : N. Y.

6007 Boulevard Pl., Indianapolis, Ind.
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SANFORD, Sterling S. (M 1930) Htz., Vtg. and Air Cond. Engr., • The Detroit Edison Co., 2000 Second Ave., Detroit 26, and 1503 Seyburn Ave., Detroit 14, Mich.
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SATLOW, Abraham (A 1944; J 1941) Designing Draftsman, Semet-Solvay, 40 Rector St., New York, and • 68-02 Utopia Pkwy., Flushing, L. I., N. Y.
SATTERLEE, H. A. (A 1944; J 1940) Capt., 0905310, 3527th Ordnance, M.A.M. Co., APO 9492, c/o Postmaster, New York, N. Y.
SAUNDERS, Douglas G. (A 1943) Estimator and Supvr., • John Plaxton Co., Ltd., 244 Main St., and 298 Warsaw Ave., Winnipeg, Man., Canada.
SAUNDERS, Lawrence P. (M 1933) (Council. 1941-48) Chief Engr., Research Engr., • Harrison Radiator Div., General Motors Corp., and Tuscarora Club, Lockport, N. Y.
SAURWEIN, Geo. K. (M 1938) Major, Ordnance, U.S.A., Plant Engr., Watertown Arsenal, Watertown, and • 247 Slade St., Belmont, Mass.
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SAWHILL, R. V. (A 1929) • Domestic Engineering Co., 110 East 42nd St., New York 17, and 115 Townsend Ave., Pelham Manor, N. Y.
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SCHAMPEL, Howard R. (A 1943) Supt., • A1 Johnson Construction Co., 10 Rector St., New York, N. Y., and 1167 N. Chateworth St., St. Paul, Minn.
SCHAUER, Robert A. (M 1944; J 1942) Htz. and Air Cond. Engr., • Westinghouse Electric & Manufacturing Co., Raff Rd., S.W., Canton 1, and 3205 Engle Pl., S.W., Canton 6, Ohio.
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SCHERNBECK, Fred H. (A 1930) Salesman, • William Bros. Boiler & Manufacturing Co., 1057 Tenth Ave., S.E., and 5045 Portland Ave., Minneapolis, Minn.
SCHLICHTING, Walter G. (M 1932) Mgr., Air Cond. Dept., Clarage Fan Co., North & Porter Sts., Kalamazoo 16, and • 224 Fletcher Ave., Kalamazoo 81, Mich.
SCHLICK, Paul F. (A 1940) Colonel, CAC, U. S. Army, • Camp Haan, 216th Coast Artillery, San Francisco, Calif., and 1410 Edgumbe Rd., St. Paul, Minn.
SCHMIDT, Alexander F. (M 1943) Designer, Air Cond., Engineering Dept., Agfa Ansco, Charles St., and • 174 Crary Ave., Binghamton, N. Y.
SCHMIDT, Harry (M 1937) Engr., Air Cond. and Commercial Refrig. Dept., General Electric Co., 5 Lawrence St., Bloomfield, and • 67 Elm Rd., Caldwell, N. J.
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SCHNEIDER, E. W. (A 1944) Owner, Airflow Heating & Ventilating Co., and • 1827 S. Dupre St., New Orleans, La.
SCHNELL, Robert H. (A 1938) Mech. Draftsman, U. S. Rubber Co., Des Moines Ordnance Plant, and • 1617-33rd St., Des Moines 11, Iowa.
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SCHOEPFLIN, P. H. (M 1920) Pres., • Niagara Blower Co., 6 East 45th St., New York, and 91 Valley Rd., Larchmont, N. Y.
SCHOERNER, Rudolph T. (M 1943) Chief Engr. and Prod. Mgr., • Taco Heaters, Inc., 123 South St., Providence, and 48 Fairway Dr., Oaklawn, R. I.
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SCHROEDER, Delman E. (A 1948) Surveyor to The American Bureau of Shipping, Rockefeller Bldg., Cleveland 13, and • Apt. 2D, Victory Dr., Hamilton, Ohio.
SCHROEDER, William R. (A 1938) Pvt., 245th Infantry, Camp McKain, Miss., and • 201 Kedzie, W., Evanston, Ill.
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SGAMBATI, Anthony P. (S 1939) U.S.N. and • 39 Third St., Campbell, Ohio.

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SHAFFER, Chester E. (M 1937) Resea Engr., • Koppers Co., Kearny, and 645 E grove Dr., Arlington, N. J.

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Federal Public Housing Authority, Longfellow Bldg., and • 6323 Luzon Ave., N.W., Washington, D. C.

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SHARP, John R. (A 1937) Lt.-Col., 104th Engr. Bn., A. P. O. 957, c/o Postmaster, San Francisco, Calif.

SHAW, Burton E. (A 1936; J 1934) Research Chief, • Penn Electric Switch Co., Goshen, Ind.

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SMITH, Roger C. (A 1940) Asst. Branch Engr. York Corp., 119 South 11th St., St. Louis and • 7040 Tulane Ave., St. Louis 5, Mo.

SMITH, Roger K. (M 1942) Instructor in M Engrg., Mech. Engr. Dept., • Iowa State lege, 407 Engrg. Hall, and 2021 Council Blvd., Ames, Iowa.

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SMITH, Walter H. (M 1939) Chief Engr., T. Eaton Co., Ltd., #10 Louisa St., Toronto and • Box 31, Islington, Ont., Canada.

SMITH, Wilbur F. (M 1930) Consulting Engr. W. M. Anderson Co., 600 Schuylkill Philadelphia, and • 709 Braeburn Lane, F Valley, Narberth P. O., Pa.

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Atlanta Branch, • Carrier Corp., 348 Peachtree St., N.E., and 892 Adair Ave., N.E., Atlanta, Ga.
SMOOT, T. H. (M 1936) Vice-Pres., Anchor Post Fence Co., 6500 Eastern Ave., Baltimore 24, and • 1302 Southeast Blvd., Baltimore 18, Md.
SMYERS, Edward C. (A 1931) Sales Engr., Barber-Golman Controls, 1013 Penn Ave., Wilkingsburg, and • 118 Jamaica Ave., West View, Pittsburgh, Pa.
SNAYELY, A. Rowman (M 1937) Chief Engr., • Hershey Chocolate Corp., Hershey, Pa.
SNAYELY, Earl R. (M 1937) Sales Mgr., Instrument Div., Thomas A. Edison, Inc. West Orange, and • Parkway Dr., R. 1 • 1 • Clark, Rahway, N. J.
SNOOK, Alfred H. (A 1940) Dist. Repr., • American Air Filter Co., 324 N. Main St., Wayland, Mich.
SNYDER, Edwin F., Jr. (A 1940) Capt., 3364646, • 326th A. B. Engr. Pvy., A. P. O. 12, c/o Postmaster, New York, N. Y., and 308 Courtland St., Dowagiac, Mich.
SNYDER, Edwin J. (S 1943) • Company D, 3302nd Service Unit, Carnegie Institute of Technology, Pittsburgh, Pa.
SNYDER, Jay W. (M 1917) Member of Firm, • Snyder & Molenn, 2214 Penobscot Bldg., and 8987 Martindale Ave., Detroit, Mich.
SNYMAN, C. C. (A 1941) Mgr., Overseas Div., The Celotex Corp., 120 LaSalle St., Chicago, and • Hotel Evanshire, Evanston, Ill.
SOBEL, Frank (S 1939) Pvc., • 813 M P. Co. A. P. O. #2928, San Francisco, Calif., and 115 Post Ave., New York, N. Y.
SOCKWELL, Charles, Jr. (A 1942) Partner, Sockwell Co., 156 Rogers St., N.E., and • 2162 B. Howard Dr., N.E., Atlanta, Ga.
SOCKWELL, Charles, Sr. (M 1942) Partner, • Sockwell Co., 156 Rogers St., N.E., Atlanta, and 5447 Roswell Rd., Dunwoody, Ga.
SOCKWELL, Tyrus R. (A 1942) Partner, • Sockwell Co., 156 Rogers St., N.E., and 312 Morgan Pl., S.E., Atlanta, Ga.
SODEMANN, William C. B. (M 1919) Pres., • Sodemann Heat & Power Co., 2306 Delmar Blvd., St. Louis, and 7542 Teasdale Ave., University City, Mo.
SOLSTAD, Lester L. (J 1936) Engr., Austin Sheet Metal Works, 6109 W. Chicago Ave., and • 5345 W. Potomac, Chicago, Ill.
SOMERS, William K. (M 1939; J 1928; J 1926) Vice Pres. and Chief Engr., Lamneck Products Inc., 1025 Lamneck St., and • 113 Kenwood Dr., Middletown, Ohio.
SOMMERFIELD, Sumner S. (A 1941; J 1936) Pvt., U. S. Army, and • 4918 George St., Chicago 41, Ill.
SOMMERS, William J. (M 1937) Dist. Repr., • The Electric Ventilating Co., 605 Delaware Ave., Buffalo 2, and 236 Hartford Ave., Kenmore 11 N. Y.
ROPER, Horace A. (M 1916) Pres., • American Foundry & Furnace Co., Washington at M. & P., and 1123 E. Monroe St., Bloomington, Ill.
SOLLE, John P. (J 1942) • Federal Shipbuilding & Drydock Co., Room 2890, 744 Broad St., Newark 2 and 1 Gordon Rd., Essex Pk., N. J.
SOLLE, Lawrence (• Life Member, M 1908) Sec. and Consulting Engr., Aero-Gin Corp., Syracuse, N. Y., and • Gordon & Stewart Rte. Essex, Conn., N. Y.
SOUTHMAID, R. T. (A 1914; J 1936) Mgr. Pressure Blower Div., • American Blower Corp., Rte. 2, Roosevelt Park Annex, Detroit 12, and 3325 W. 10th Ave. Farmington, Minn.
Powerlite Devices, Ltd., Penn Electric Switch Div., 171 John St., and • 291 Windmere Ave., Toronto, Ont., Canada.
SPARKS, James D. (A 1937) Northwest Repr., • The Electric Ventilating Co., 7831 W. Green Lake Way, Seattle, Wash.
SPECKMAN, Charles H. (Life Member; M 1918) Consulting Htg. and Vtg. Engr., • 482 Bourse Bldg., and 1217 S. Fourth St., Philadelphia, Pa.
SPELLER, Frank N. (Life Member; M 1908) Metallurgical Consultant, • 6411 Darlington Rd., Pittsburgh, Pa.
SPENCE, Morton R. (A 1942; J 1934) Vice-Pres., • Rundle & Spence Manufacturing Co., 445 N. Fourth St., and 709 E. Lexington Blvd., Milwaukee, Wis.
SPENCE, Robert A. (J 1937) Capt., Ordnance Dept., U. S. Army, Fort Johnston Terminal, Ordnance-NYPE, Bayonne, N. J., and • 23 Barnard Rd., Belmont 78, Mass.
SPENCER, Roland M. (A 1940; J 1934) Chicago Branch Mgr., The Powers Regulator Co., 2720 Greenview Ave., Chicago 14, and • 7315 Lunt Ave., Chicago 31, Ill.
SPENCER, Warner E. (A 1938) Repr., • National Radiator Co., Inc., 220 Delaware Ave., Buffalo 2, and 212 Bidwell Pkwy., Buffalo, N. Y.
SPIELMANN, Gordon P. (A 1931; J 1923) Owner, • Harrison-Spielmann Co., 480 Milwaukee Ave., Chicago, and 730 N. Prospect Ave., Park Ridge, Ill.
SPIETH, Benjamin (M 1941) Chief Engr., • Modine Manufacturing Co., and 400 Harvey Dr., Racine, Wis.
SPITZLEY, Joseph H. (J 1938) S 2/c, • Platoon 3266, Area C-7, Camp Peary, Va.
SPITZLEY, R. L. (M 1920) Pres. and Gen. Mgr., • R. L. Spitzley Heating Co., 1200 W. Fort St., Detroit 26, and 26 Renaud Rd., Grosse Pointe Shores 30, Mich.
SPOERR, Frank F. (A 1942; J 1937) Branch Engr. Mgr., Carrier Corp., Marine Dept., 1603 Hibernia Bank Bldg., New Orleans 12, and • 301 E. Maple, Maple Ridge Park, New Orleans 20, La.
SPOFFORTH, Walter (M 1930) Chief of Mech. Services, Federal Penitentiary, McNeil Island, and • 615 N. Ainsworth, Tacoma, Wash.
SPROTT, John I. (A 1941) Sales, • Ray Oil Burner Co., 401 Bernal Ave., and 10 Parker Ave., San Francisco, Calif.
SPROULL, E. E. (M 1920) Div. Sales Mgr., • American Blower Co., 1005 American Bldg., Cincinnati 2, and 3588 Raymar Dr., Cincinnati 8, Ohio.
SPURGEON, Joseph H. (M 1924) Mfrs. Agent, • Spurgeon Co., 5050 Joy Rd., Detroit 4, and 17215 Pennington Dr., Detroit 21, Mich.
SPIRNEY, Felix E. (A 1938) Supt., Alabama Drydock & Shipbuilding Co., and • 1211 Palmetto St., Mobile, Ala.
STACK, Arthur E. (A 1935) Asst. Mgr., Utilization Dept., Washington Gas Light Co., 11th & "H" Sts., N.W., Washington, D.C., and • 7911 Chicago Ave., Silver Spring, Md.
STACEY, Alfred E., Jr. (M 1914) (Council, 1941-43) Capt., U. S. Navy, and • 35 Wootton Rd., Essex Falls, N. J.
STACY, L. David (A 1936) Sales Engr., The Electric Ventilating Co., 222 N. LaSalle St., Chicago, and • 4837 Lee St., Downers Grove, Ill.
STACY, Stanley C. (M 1931) Mech. Engr., • Board of Education, 13 S. Fitzhugh St., Rochester 4, and 2340 Monroe Ave., Rochester 19, N. Y.
STAFFORD, J. Fuller (A 1938) Owner, 619 N. Snelling Ave., St. Paul, and • 4545-18th Ave. S., Minneapolis Minn.

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STAHL, Walter A. (M 1938) Supt. of Chicago Properties, Montgomery Ward & Co., 619 W. Chicago Ave., Chicago, and • 2504 Harrison St., Evanston, Ill.

STALB, J. G. (A 1934) Owner, • Stalb Engineers, 80 Broad St., New York 4, and 2 Grace Court, Brooklyn 2, N. Y.

STAMMER, Edward L. (Life Member; M 1919) Supt. Htg. and Vtg. Repairs, St. Louis Board of Education, Board of Education Bldg., and • 4430 Tennessee Ave., St. Louis, Mo.

STANDRING, Ronald A. (A 1942; J 1938) Htg. Engr., • Gurney Foundry Co., Ltd., P. O. Box 277, and 2358 Leclaire Ave., Montreal, Que., Canada.

STANGER, R. B. (M 1930) Prop., • Robinson & Stanger, Empire Bldg., Pittsburgh, and Middle Rd., Glenshaw, Pa.

STANGLE, William H. (M 1940) Servel, Inc., Evansville, Ind., and • 255 Benita, Youngstown, Ohio.

STANLEY, Robert L. (M 1938) Sales Engr., Trade Wind Motor Fans, Inc., 5725 S. Main St., and • 2518 Dearborn Dr., Los Angeles 28, Calif.

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STECKHAN, Louis (M 1928; J 1926) Sales Engr., • Crane Co., 30 South 16th St., St. Louis 3, and 3240 Liberty St., St. Louis 11, Mo.

STEEL, R. Justin (A 1938) Lt., U.S.N.R., • Bureau of Ships, Navy Dept., Washington, D. C., and 846 S. College Ave., Newark, Del.

STEELE, J. B. (M 1932) Chief Operating Engr., Winnipeg School District No. 1, Ellen & William Aves., and • 184 Waterloo St., Winnipeg, Man., Canada.

STEFFNER, Edward F. (A 1937; J 1934) Research Engr., Viking Air Conditioning Corp., 5601 Walworth, Cleveland, and • 1429 East 138rd St., E. Cleveland, Ohio.

STEGGALL, Howard B. (M 1942; A 1934) United States Radiator Corp., 1500 United Artists Bldg., Detroit, and • Concord Rd., Bloomfield Hills, Mich.

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STEINKE, Bernard J. (J 1940; S 1937) Mech. Engr., George G. Sharp, Naval Architect, 30 Church St., New York, N. Y., and • 745 Railroad Ave., River Edge, N. J.

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ST. LAURENT, Guy (A 1942) Htg. Contr., • Hector Groulx, Engrs., 1638 Notre Dame St., W., and 6381 Drolet St., Montreal, Que., Canada.

E. Notre Dame St., and • 5329 Duqu Ave., N.D.G., Montreal, Que., Canada.

STEMPEL, Edward H. (M 1942) Chief Engr. American Gas Machine Co., and • 609 F Ave., Albert Lea, Minn.

STENGEL, Reinhold A. (M 1938) Chief Engr. Canadian Ice Machine Co., Ltd., 65 Vill St., and • 224 Inglewood Dr., Toronto, O Canada.

STENGEL, Frank J. (A 1935) 1st Lt., C 2nd BAUTC, Geiger Field, Spokane, Wash.

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STEPHENSON, Kiser A. (M 1941) Sec. Treas., • Stephenson Co., 14 Harris N.W., Atlanta 3, and 928 St. Charles A N.E., Atlanta, Ga.

STEPHENSON, Lewis A. (M 1917) Dist. Mgr., • The Powers Regulator Co., 409 East 1 St., and 801 West 57th Terr., Kansas C Mo.

STERMER, Clarence J. (M 1936) Engr., Ori Co., 836 S. Michigan Ave., and • 7829 Cl Ave., Chicago, Ill.

STERN, Edward J. (A 1941) Dist. Mgr., • Armstrong Cork Co., 701 Burt Bldg., Dallas 1, and 223 E. Davis St., Dallas 3, Tex

STERNE, C. M. (M 1943; A 1934) Lt. Comd. U.S.N.R., Laboratory and Test Officer, • Norfolk Navy Yard, Portsmouth, Va.

STERNBERG, Edwin (A 1932; J 1931) Desi Engr., Geo. G. Sharp, 80 Church St., and • 16 East 98th St., New York, N. Y.

STERNER, Douglas S. (M 1941; A 1938; S 1936) Capt., U. S. Army, and • Hinsache Ave., San Antonio 2, Texas.

STETSON, Lawrence R. (M 1918) Engr. • McMurrer Co., 303 Congress St., Boston, and 35 Bradford Ave., Roslindale, Mass.

STEVENS, Earl K. (A 1940) Treas., • International Exposition Co., 480 Lexington Ave., New York 17, N. Y.

STEVENS, Harry L. (M 1934; A 1927; J 1924) Pres., • M. M. Stevens Co., 108-110 W. Sherman St., and 320 West 20th Ave., Hutchinson, Kan.

STEVENS, Howard R. (M 1941) Mgr., Pow Htg. and Air Cond. Dept., Saviers Electric Products Corp., Cor. Second & West St. and • P. O. Box 182, Reno, Nev.

STEVENS, Judson E. (A 1941) Engr. Charge, • National Coal Co., 218 Spoka St., P. O. Box 318, and 520 Vassar St., P. Box 2842, Reno, Nev.

STEVENS, Kenneth M. (A 1943; J 1936) Capt. Hq. 108th, AAA Gun Bn., A. P. O. 512, c Postmaster, New York, N. Y.

STEVENS, Wayne H. (A 1939) Engr., • Shenberger, Gregg & Co., 2203 N. Prospect Ave., Milwaukee 2, and 2501 E. Stratford Ct., Milwaukee 11, Wis.

STEVENS, William R. (A 1934) Partn. • L. E. Stevens Co., 626 Broadway, Cincinnati, Ohio, and 30 Chalfonte Ct., Ft. Thomas, Ky.

STEVENSON, Mel. J. (M 1935) Cons. Mgr. Engr., • Apt. 431, 2970 Sheridan Rd., Chicago 14, Ill.

STEVENSON, W. W. (M 1928) Steam Htg. Engr., • Allegheny County Steam Heating Co., 436 Sixth Ave., Pittsburgh 19, and 11 Lancaster Ave., Pittsburgh 18, Pa.

STEWART, Charles W. (M 1919; A 191 General Sales Mgr., • Hoffman Specialty Co. 1001 York St., and 3111 N. Meridian S Indianapolis, Ind.

STEWART, Duncan J. (M 1936; A 193 Vice-Pres. and Gen. Mgr., • Barber-Colman Co., Drawer 99, and R. R. #4, Rockford, I

Carrier Corp., 300 Geddes St., and • 224 Greenwood Pl., Syracuse 10, N. Y.

STEWART, John N. (A 1939) Plan Examiner, District of Columbia, 102 District Bldg., and • 6124 82nd Pl., N.W., Washington, D. C.

STEWART, Robert S. (A 1941) Exfoliation Engr., Armco International Corp., Middletown, Ohio.

STEWART, Wesley O. (A 1938) Branch Mgr., • Johnson Service Co., 153 West Ave. 34, Los Angeles 31, and 4100 1/2 Los Feliz Blvd., Los Angeles, Calif.

STILES, G. S. (A 1941; J 1936) Asst. Prof., Engrg. Drawing, A. & M. College of Texas, College Station, and • Rt. 4, Bryan, Texas.

STILLER, Frederick W. (A 1942; J 1938) Estimator, F. C. Stiller & Co., 130 S. Tenth St., and • 4601 S. Aldrich, Minneapolis 9, Minn.

STIRLING, Walter N. (M 1939) • c/o J. & E. Hall, Ltd., Dartford, Kent, England.

STITES, Richard, Jr. (A 1943; J 1937) Sales Engr., • Coon Devissier Co., 2051 W. Lafayette, Detroit 16, and 17637 Hartwell, Detroit 21, Mich.

STOCK, Charles S. (M 1936) Mgr., Washington Office, The Herman Nelson Corp., Rm. 404, 1108-16th St., Washington 6, and • 3052 Garrison St., N.W., Washington 8, D. C.

STOCKWELL, William R. (Life Member: M 1908; J 1901) Gen. Mgr., Mfg. Div., • Well-McLain Co., Michigan City, Ind.

STOKES, Alvin D. (M 1936) Gen. Supt., Riggs Distler & Co., Inc., P. O. Box 5398, Houston, Texas, and • 424 Winston Ave., Baltimore 12, Md.

STOKES, Ariedge (A 1942; J 1936) Engr., Nehring & Hanson Co., 12 H St., N.E., Washington, D. C. and • 4908 North 17th St., Arlington, Va.

STONE, A. A. (A 1943) Branch Mgr., • Mundet Cork Corp., 505 Southland Life Annex, and 5307 Monticello Ave., Dallas, Texas

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STOTESBURY, Bernard (M 1942) • W. G. Edge, Ltd., 150 Gloucester St., and 118 Gilmour St., Ottawa, Ont., Canada.

STOTT, Douglas A. (A 1940) Vice-Pres. and Mgr., • Canadian Powers Regulator Co., Ltd., 195 Spadina Ave., Toronto 2-E, and 119 Parkhurst Blvd., Toronto, Leaside, Ont., Canada.

STOTT, F. W. (M 1938) Branch Sales Mgr., C. A. Dunham Co., Ltd., 1139 Bay St., Toronto, and • Thomas St., Oakville, Ont., Canada

STOUT, Arthur G. (M 1943) Chief Mech. Engr., Heating & Ventilating Co-Adventurers, 4100 West 75th St., Chicago, and • 105 East Ave., Park Ridge, Ill.

STRAIN, A. James (A 1942) Sales Mgr., • The Consumers Gas Company of Toronto, 19 Toronto St., and 876 St. Clements Ave., Toronto, Ont., Canada.

STRAND, Charles A. (A 1940) Supt., • Bruce Wigie Plumbing Co., 9117 Hamilton Ave., Detroit 2, and 6535 Harlum Ave., Detroit 14, Mich.

STRATTON, Paul C. (A 1934) Sales Engr., Drato Corp., 300 Penn Ave., and • Sherwood Hall, Cambridge Court Apts., 131 Edgewood Ave., Edgewood, Pittsburgh, Pa.

STREATER, Edward C. (A 1939) Mgr., • L. E. Streater Lumber Co., Spring Park, and Mount, Minn.

STREVELL, R. P. (M 1934) Pres. and Treas., • The William R. Hogg Co., Inc., 900 Fourth Ave., Ashbury Park, and Victor Place & State Highway, Neptune, N. J.

• Heating & Ventilating, 145 Lafayette St., New York 18, and Box 756, Amityville, L. I., N. Y.

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STROUSE, Sherman W. (A 1934) • Trane Co., 493 Franklin St., Buffalo 2, and 95 Mayville Ave., Tonawanda, N. Y.

STROUSE, Sidney B. (M 1921) Cons. Engr., • S. B. & B. H. Strouse, 500-529 Guarantee Trust Bldg., and 22 S. Illinois Ave., Atlantic City, N. J.

STRUNIN, Jay (A 1939; J 1933) Engr. and Contractor, • Strunin Plumbing & Heating Co., 408 Second Ave., New York, and 217 Ocean Ave., Brooklyn, N. Y.

STUART, Milton C. (M 1936) Prof. of Mech. Engrg., • Lehigh University, Bethlehem, Pa.

STUART, Ralph A. (M 1943) Consulting Engr., Opera House Bldg., and • 432 North 6 1/2 St., Terre Haute, Ind.

STUART, W. W. (A 1940) Owner, • Stuart Supply, 417 Ninth St., and 1920 Pleasant St., Des Moines, Iowa.

STUBBS, W. C. (M 1934) Sr. Naval Archt., • U. S. Government, Norfolk Navy Yard, and 39 Channing Ave., Portsmouth, Va.

STUMM, William (A 1944; J 1937; S 1936) Mech. Engr., Ellerbe & Co., 1021-E First National Bank Bldg., St. Paul 1, and 60 Inner Dr., St. Paul 5, Minn.

SUDDERTH, Leo, Jr. (A 1942; J 1936) Branch Mgr., • Johnson Service Co., Bona Allen Bldg., and 3047 Piedmont Rd., N.E., Atlanta, Ga.

SULLIVAN, Thomas J. (J 1943; S 1942) Ensign, Asst. Shop Supt., Production Division, • U. S. Navy Yard, Bldg. 77, New York, and 1615 Marine Pkwy., Brooklyn, N. Y.

SULLIVAN, T. J. (M 1930) Pres., Sullivan Valve & Engineering Co., 910 S. Arizona St., and • 1205 W. Park St., Butte, Mont.

SULLIVAN, William H. (M 1943) Pres., • W. H. Sullivan Co., P. O. Box 232, Greensboro, N. C.

SUNDERLAND, Richard P. (A 1938) Partner, • General Meters & Controls Co., 205 W. Wacker Dr., Chicago, and 1250 Cherry St., Winnetka, Ill.

SUPPLE, Graeme B. (M 1934) Indiana Dist. Mgr., • American Blower Corp., 625 Architects & Builders Bldg., and 420 East 55th St., Indianapolis, Ind.

SUTCH, Harry C. (A 1940) Capt., U. S. Army, • Umatilla Ordnance Depot, Ordnance, Ore.

SUTCLIFFE, A. G. (M 1922; A 1918) Chief Engr., Ilg Electric Ventilating Co., 2850 N. Crawford Ave., Chicago, and • 432 S. Delphia Ave., Park Ridge, Ill.

SUTFIN, George V. (M 1942; A 1937) Field Engr., • American Blower Corp., 1005-6 American Bldg., Cincinnati 2, and 2270 Hildreth Ave., Cincinnati 11, Ohio.

SUTTER, E. E. (A 1936) Sales Engr., Mueller Brass Co., Port Huron, Mich., and • 6705 Sixth St., N.W., Washington, D. C.

SWAIN, Douglas S. (J 1941) Sales Engr., Trane Company of Canada, Ltd., 365 Hargrave St., and • 27 Fawcett Ave., Winnipeg, Man., Canada.

SWAIN, William L. (M 1939) Dir., • Messrs. Young, Austen & Young, Ltd., 35 Uphill Rd., Mill Hill, London, N.W. 7, and St. Catherine's, Sandy Lodge Rd., Moor Park, Hertfordshire, England.

• C. R. Swaney Co., 28 St. Botolph St., Boston, and 61 Morse Rd., Newtonville, Mass.
SWANSON, Earl C. (A 1935) Vice-Pres., • Andersen Corp., Bayport, Minn.
SWANSON, Nila W. (A 1936) Sales Engr., McDonnell & Miller, 400 N. Michigan Ave., and • 2746 Morse Ave., Chicago 45, Ill.
SWEENEY, R. H. (A 1939) Sales Engr., Minneapolis-Honeywell Regulator Co., 406 Penn Ave., and • 3333 Piedmont Ave., Pittsburgh 16, Pa.
SWENEHART, Delmer W. (A 1940) Educational Dir., Air Conditioning Training Corp., 789 Wick Ave., Youngstown, and • Cortland, Ohio.
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SWISHER, Stephen G., Jr. (M 1936; A 1934) Mgr., • The Trane Co., 1835 N. Third St., Milwaukee 12, and 1711 E. Dean Rd., Milwaukee, Wis.
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SZEKELY, Ernest (M 1920) Pres., • Bayley Blower Co., 1817 South 66th St., Milwaukee, and 6026 W. Washington Blvd., Wauwatosa, Wis.
SZOMBATHY, L. R. (A 1930) Pres., • Ferguson Sheet Metal Works, Inc., 84 N. Florissant Blvd., Ferguson, and 8125 Hawthorne Blvd., St. Louis, Mo.

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TALIAFERRO, Robert R. (M 1919) Mech. Engr., National Advisory Committee for Aeronautics, Cleveland Airport, and • 1383 Elbur Ave., Lakewood, Ohio.
TAILMADGE, Webster (M 1924) Pres., • Webster Tailmadge & Co., Inc., 364 Glenwood Ave., and 528 Park Ave., East Orange, N. J.
TANZER, Guy J. (M 1942) • Hotel Wellington, New York, N. Y.
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TATE, Howard L. (A 1943) Engr., • Titcher-Grothman Co., and 4408 Grassmere Lane, Dallas, Texas.
TAVERNA, Fred F. (M 1928; A 1927; J 1924) Raifer Corp., 129 Amsterdam Ave., New York, N. Y., and • 1011 Palisade Ave., Union City, N. J.
TAYLOR, Arthur R. (M 1942) Sales Engr., Darling Bros., Ltd., and • 617 Willard Ave., Toronto, Ont., Canada.
TAYLOR, Edward M. (A 1934) Tech. Mgr., • Taylors, Ltd., 32A Lichfield St., and 3 Warrapa Terr., Christchurch, New Zealand.
TAYLOR, Harold J. (M 1937) Owner, • Harold J. Taylor, Htg. & Vtg., 17514 Greenlawn Ave., Detroit, Mich.
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Engr., • Buffalo Forge Co., 112 State St., Albany, and R. F. D., Slingerlands, N. Y.
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TAZE, D. L. (M 1931) Branch Mgr., • American Blower Corp., 1302 Sweetland Bldg., Cleveland 16, and 19412 Winalow Rd., Sha Heights 22, Ohio.
TAZE, Edwin H. (M 1937) Branch Mgr., • American Blower Corp., 620 Court Bldg., Baltimore 2, and 28 Normal Terr., Towson, Baltimore 4, Md.
TEASDALE, Lawrence A. (M 1926) Mgr., I of Htg. & Lighting, • Yale University 5 vice Bureaus, 20 Ashmun St., and 262 Rock Ave., New Haven 15, Conn.
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WEBSTER, Chester G. (A 1940) Pres., • John Hankin & Brother, 120 Greenwich St., New York 6, and Box 192, Piermont, N. Y.

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WEBSTER, Warren, Jr. (M 1932; J 1927) Major, U. S. Army, and • 108 Colonial Ridge Dr., Haddonfield, N. J.

WEBSTER, William H., Jr. (M 1942; A 1935) Pres., • Allied Heating Products Co., Inc., 2706 Colley Ave., and 200 N. Shore Rd., Norfolk, Va.

WECHSBERG, Otto (M 1932) Pres. and Gen. Mgr., • Coppus Engineering Corp., 344 Park Ave., Worcester 2, and 28 Lenox St., Worcester, Mass.

WEDDELL, George O. (M 1936) Branch Mgr., York Corp., 7 Ferry St., Pittsburgh 22, and • 3114 Wainbell Ave., Dormont, Pittsburgh 16, Pa.

WEEKES, Roy W. (M 1941) Chief Mech. Inspector, Defense Construction, and • 2706 Conestoga, Louisville, Ky.

WEGMANN, Albert (M 1918) Sheet Metal Contr., A. Wegmann Co., 2801-7 W. Susquehanna Ave., and • 6206 North 17th St., Philadelphia, Pa.

WEIL, F. H. Eugene (A 1938) Sales Engr., Young Radiator Co., Racine, and • 2515 North 59th St., Milwaukee 10, Wis.

WEIL, Leo S. (M 1940) Cons. Engr., • Leo S. Weil & Walter B. Moses, 801 Audubon Bldg., and 478 Broadway, New Orleans, La.

WEIL, Martin (A 1925) Pres., • Weil-McLain Co., 641 W. Lake St., Chicago 6, and 4259 Hazel St., Chicago 13, Ill.

WEILAND, Carl C. (A 1944) Pres. & Mgr., • Central Supply Co., 210-238 S. Capitol Ave., and 428 E. 48th St., Indianapolis, Ind.

WEIMER, Fred G. (A 1919) Mgr., • Milwaukee Office, Kewanee Boiler Corp., 312 E. Wisconsin Ave., Rm. 502, and 3858 N. Stowell Ave., Milwaukee, Wis.

WEINERT, Fred C. (A 1937) Asst. Gen. Branch Mgr., • Chamberlin Metal Weather Strip Co., 1254 Labrosse St., Detroit, and 9509 Auburndale, Route 4, Plymouth, Mich.

WEINSHANK, Theodore (Life Member; M 1906) (Board of Governors, 1913) Consulting Engr., • 2419 Kimball Ave., Chicago, Ill.

WEIR, Frank F. (A 1943) Mgr., • T. McAvity & Sons, Ltd., 171 Market St., E., Winnipeg, and 374 Overdale St., St. James, Man., Canada.

WEISS, Arthur P. (M 1928) Burnham Boiler Corp., Irvington, and • 134 Farrington Ave., North Tarrytown, N. Y.

WEISS, Carl A. (M 1936; A 1924) Vice-Pres., • Kornbrodt Kornlee Co., 1811 Troost Ave., and 29 East 88th St., Kansas City, Mo.

WEISS, Edward J. (M 1942) • 1118 Van Velsien St., Schenectady, N. Y.

WEITZEL, Cameron B. (M 1936) Owner and Operator, • 122 E. High St., Mannheim, Pa.

WEITZEL, Paul H. (A 1942; J 1936; S 1934) Aircraft Salvage Engr., Armstrong Cork Co., and • 335 College Ave., Lancaster, Pa.

WELCH, Louis A., Jr. (A 1929) Owner, • Welch Bros., 448 Second St., and 2001 Campbell Ave., Schenectady, N. Y.

WELDY, Lloyd O. (M 1930) Dist. Mgr., • The Powers Regulator Co., 2012 West 25th St., Cleveland 18, and 1923 Laurel Ave., Rocky River 16, Ohio.

WELLS, Donald E. (M 1942) Products, Inc., 1006 Liberty Bldg., Des Moines 9, and • 701-42nd St., Des Moines 12, Iowa.

WELLS, Earl P. (M 1938) • Refrig. Engr., Gay Engineering Corp., 2730 East 11th St., Los Angeles 23, and • 1185 Graynold Ave., Glendale 2, Calif.

WELLS, Edward E. (M 1941) Gen. Engrs. Dept., Aluminum Company of Canada, 620 Sun Life Bldg., Montreal, and • 8 St. John Rd., Pointe Claire, Que., Canada.

WELLS, William E. (M 1939) Dir. Lab. for Study of Air-Borne Infection, • University of Pennsylvania, Medical School, Philadelphia, and 112 Pine Ridge Rd., Media, Pa.

WENDT, Edgar F. (M 1918) Pres., • Buffalo Forge Co., 490 Broadway, and 120 Lincoln Pkwy., Buffalo, N. Y.

WENDT, Edwin H. (A 1942; J 1936) Engr., • O. A. Wendt Co., 2124 N. Southport Ave., and 4728 N. Lawndale Ave., Chicago, Ill.

WERKER, Horwat (M 1939) Engr., American Radiator & Standard Sanitary Corp., Institute of Thermal Research, 678 Bronx River Rd., and • 38 Loring Ave., Yonkers 4, N. Y.

WERNER, John G. (M 1937) Mgr., Bryant Air Conditioning Co., Shoreham Bldg., Washington, and • 3150 Wisconsin Ave., N.W., Washington 16, D. C.

WERNER, P. H. (A 1941; J 1939) Capt., U. S. Army, and • 7926 Michtner St., Philadelphia 19, Pa.

WERNER, Richard E. (M 1936) Cons. Engr., • 316 W. T. Waggoner Bldg., Ft. Worth 2, and Jacksboro Highway, Ft. Worth 7, Texas.

WESTLEY, Ray O. (A 1937) Partner, • Navarre Plumbing & Heating Co., 2308 Fourth Ave., Seattle, and R. F. D. #1, Woodinville, Wash.

WEST, Charles H., Jr. (A 1941) Vice-Pres., • Massey, Wood & West, Inc., Lombardy Lunderspass, Richmond, Va.

WEST, Perry (Life Member: M 1911) (Treas. 1921-25) (Council 1926-28) Prof., Head, Dep. Mech. Engr., and Consultant on Central Heating Plant and Distribution System, • College of Engineering, University of Kentucky, Lexington, and 803 W. Oak, Nicholasville, Ky.

WESTENDARP, Francisco G. (M 1939) Mgr., • Carrier Dept., Guinand Freres Sucas, Dept. Technica Apartado 404, Caracas, Venezuela.

WESTOVER, Wendell (M 1936) Col., U. S. Army, Pres., • Westover-Wolfe, Inc., 174 Washington Ave., Albany, N. Y.

WESTPHAL, N. E. (J 1940; S 1937) Lt., U. S. N. • USS Casberra, c/o Fleet Postmaster, New York, N. Y., and Long Beach Ship 29, New Canaan City, Ind.

WETZEL, Horace E. (M 1934) Vice-Pres. and Chief Engr., • The Smith & Oby Co., 6107 Carnegie Ave., Cleveland 8, and 21144 Aberdeen Rd., Rocky River 16, Ohio.

WHEELER, Charles A. (M 1941) Branch Mgr., • Johnson Service Co., 511 Fifth Ave., and 245-49th St. Place, Des Moines, Iowa.

WHEELER, Charles W. (M 1916) Engr., • The Ric-wil Co., 1562 Union Commerce Bldg., Cleveland, and 11859 Edgewater Dr., Lakewood, Ohio.

WHEELER, Joe, Jr. (M 1938) Sales. Repr., • Johnson Service Co., 28 East 29th St., New York, and 261 Dogwood Lane, Manhasset, L. I., N. Y.

WHELAN, William J. (M 1923) Estimating, • Harrigan & Reid Co., 1365 Engley Ave., Detroit 26, and 3790 Seminole Ave., Detroit 14, Mich.

WHITE, Eugene B. (M 1934) Archt. and Engr., • Young Men's Christian Assn., Arch. Office, 19 S. LaSalle St., Chicago, and 126 S. East Ave., Oak Park, Ill.

WHITE, John C. (M 1932) State Power Plant Engr., • State Bureau of Engineering, 624 E. Main St., and 823 E. Main St., Madison, Wis.

WHITE, John H. (A 1944; J 1948) Pres. and Treas., • Taco Heaters, Inc., 342 Madison Ave., New York 17, N. Y.

WHITE, Thomas J. (A 1941; J 1938) American Blower Corp., and • 2340 Pelham Pl., Oakland, Calif.

WHITE, W. Emery (M 1941) Partner, • The Smith-White Co., 1102 Commerce Trust Bldg., and 7411 Ward Pkwy., Kansas City, Mo.

WHITE, William R. (M 1938; A 1936) Industrial Engr., • Nebraska Power Co., 718 Electric Bldg., and 4916 Grand Ave., Omaha, Nebr.

WHITEHURST, Bert W. (M 1942) • Stone & Webster Engineering Co., 49 Federal St., Boston, Mass.

WHITELAW, H. Leigh (M 1916) Managing Dir., • Association of Gas Appliance and Equipment Manufacturers, 60 East 42nd St., New York 17, N. Y., and Cummings Point, Stamford, Conn.

WHITMER, Robert P. (M 1935) Secy., • American Foundry & Furnace Co., and 1402 E. Washington St., Bloomington, Ill.

WHITNEY, C. W. (M 1936) Pres., • ABC Oil Burner & Engineering Co., Inc., 2012-14 Chestnut St., Philadelphia, and 42 Llanberia Rd., Bala-Cynwyd, Pa.

WHITT, Sidney A. (A 1938; J 1937) Chief Design Engr., Fedders Manufacturing Co., Inc., 57 Tonawanda St., Buffalo 7, and • 30 Granger Pl., Buffalo 9, N. Y.

WHITTAKER, Wayne K. (A 1935) Engr., Irving Trust Co. Bldg., 1 Wall St., New York, and • 119-23-226th St., St. Albans, L. I., N. Y.

WHITTEN, H. E. (Life Member: M 1924) Pres. and Treas., H. E. Whitten Co., 9 Federal Court, Boston, and • 56 Highland Rd., Somerville, Mass.

WHITTLESEY, Welsh C. (M 1941) Sr. Engr., Navy Dept., Bureau of Ships, Washington, D. C., and • 1500 S. Barton #590, Arlington, Va.

WIDDOFIELD, A. S. (A 1941; J 1937) Lt. U. S. N. R., Navy Yard, Planning Sect., Navy No. 125, c/o Fleet Post Office, San Francisco, Calif.

WIDMER, Walter J. (A 1939) Secy. Treas., • Widmer Plumbing & Heating Co., 34 N.E. Seventh Ave., Portland 14, and 1565 N. Shaver St., Portland 12, Ore.

WIEDENMANN, W. A. (A 1942) Sole Owner, • W. C. Wiedenmann & Son, 1820-24 Harrison St., and 5718 Rockhill Rd., Kansas City, Mo.

WIEGNER, Henry B. (M 1919) Mgr., Boston Office, Johnson Service Co., 20 Winchester St., Boston 16, and • 143 Standish Rd., Watertown 72, Mass.

WIGGS, G. Lorne (M 1936; A 1932; J 1924) (Council, 1936-40) Consulting Engr., • 714 University Tower Bldg., and 4797 Grosvenor Ave., Montreal, Que., Canada.

WILDE, Ray S. M. (M 1916) Mech. Engr., Giffels & Vallet, Inc., 1000 Marquette Bldg., and • 13286 Criggs, Detroit, Mich.

WILDER, Edward L. (M 1915) Industrial Promotion Mgr., • Rochester Gas & Electric Corp., 80 East Ave., Rochester 4, and 369 Bonnie Brae Ave., Rochester 7, N. Y.

WILDMAN, Eugene L. (A 1942; J 1939) Mech. Engr., Airmail & Co., Inc., 53 Park Pl., New York, N. Y., and 103 N. Second St., Lewisburg, Pa.

WILE, Daniel D. (M 1944) Development Dept., Carrier Corp., and • 226 Grant Blvd., Syracuse, N. Y.

WILEY, Donald C. (A 1939; J 1936) • John J. Nesbitt, Inc., State Rd. & Rhawn St., Philadelphia, and County Line Rd., Huntingdon Valley, Pa.

WILHELM, Joseph E. (M 1943; J 1936; S 1934) Chief Engr., Avery Engineering Co., 1906 Euclid Ave., Cleveland, and • 294 East 195th St., Euclid, Ohio.

WILKES, Gordon B. (M 1937) Prof. of Heat Engrg., • Massachusetts Institute of Technology, Cambridge, and 51 Everett St., Newton Centre, Mass.

WILKINSON, Arthur (A 1936) Flight Lt., Royal Canadian Air Force, Aeronautical Engrg. Div., No. 3 Training Command Hq., 276 St. James St., Montreal, and • 517 Lansdowne Ave., Westmount, Que., Canada.

WILKINSON, F. J. (M 1933) Mgr., Central Engrg. Service, Montgomery Ward & Co., Chicago Ave. & Larabee St., Chicago, and • 12257 Martin Ave., Homewood, Ill.

WILLARD, Arthur C. (Life Member; M 1914) (Presidential Member) (Pres., 1928; 1st Vice-Pres., 1927; 2nd Vice-Pres., 1926; Council, 1925-29; Pres., • University of Illinois, 355 Administration Bldg., and 711 Florida Ave., Urbana, Ill.

WILLEY, Earl C. (M 1934) Prof., Mech. Engrg., • Oregon State College, and 121 North 29th St., Corvallis, Ore.

WILLIAM, F. C. (M 1943) Field Engr., • American Blower Corp., 1003 Statler Bldg., Boston 16, and 91 Parker Rd., Wellesley, Mass.

WILLIAMS, Allen W. (Life Member; A 1915) Secy. Treas., • National Warm Air Register Manufacturers Institute, Rm. 808, 5 E. Long St., Columbus 16, and 51 Meadow Park, Bexley 9, Ohio.

WILLIAMS, Chester D. (M 1938) Mgr., • General Air Conditioning & Heating Co., 3959 Piedmont Ave., Oakland 11, and 2709 College Ave., Berkeley, Calif.

WILLIAMS, Donald U. (M 1942; A 1940; J 1937) Assoc. Combustion Engr., • U. S. Army Engineers Room 311, Federal Bldg., and 4902 Poppleton, Omaha, Nebr.

WILLIAMS, Donald L. (M 1941) Engr., • General Air Conditioning & Heating Co., 3959 Piedmont Ave., and 67 Glen Ave., Oakland, Calif.

WILLIAMS, E. Bryan (A 1943) Research Engr., The Torrington Manufacturing Co., Torrington, and • P. O. Box 183, Litchfield, Conn.

WILLIAMS, Elwin C. (A 1939) Salesman, • Hoffman Specialty Co., Inc., 4028 Egbert Ave. Cincinnati 26, Ohio.

WILLIAMS, Frank H. (A 1940; J 1934) (Jr.) U.S.N.R., Rm. 2224, Navy Bldg., • 1538 Foxhall Rd., N.W., Washington D. C.

WILLIAMS, Garland E. (J 1943) Sr. E Draftsman, Hull Drafting Rm., Navy Yard, Portsmouth, and • 312 F Ave., Norfolk, Va.

WILLIAMS, G. M. (M 1928) Consulting I • Architects & Builders Bldg., Indiana Ind.

WILLIAMS, Gordon S. (A 1941; J S 1936) Partner, • Augur-Williams Co Chapel St., Woodmont, Conn.

WILLIAMS, H. Edmund (J 1939) I Bureau of Yards & Docks, U. S. Navy 1 621 Fifth Ave., and • 14 West 103rd New York, N. Y.

WILLIAMS, J. Walter (Life Member; M Pres., • Forest City Plumbing Co., 38 State St., and 928 E. State St., Ithaca, N. Y.

WILLIAMS, Lyle G. (M 1939) Mech. I Lake Washington Shipyards, Houghton • 5555-33rd Ave., N.E., Seattle 5, Wa

WILLIAMS, William A. (M 1943) Engr., and Vtg., • General Electric Co., Works, and 46 Brookline St., Lynn, Ma

WILLIAMSON, Chester C. (M 1942) De Project Engr., Chicago Metal Hose 1 1315 S. Third Ave., Maywood, and • 520 penter, Oak Park, Ill.

WILLNER, Ira (M 1937) Pres., • W Heating Co., Inc., 415 Lexington Ave., York 17, and 125 East 93rd St., New 28, N. Y.

WILLS, Fred W. (J 1938) Lt., Air C Sales Engr., Tuttle & Bailey, Inc., and • W. Addison St., Chicago, Ill.

WILLSON, Frank J. (M 1941) Vice- • Dollinger Corp., 11 Centre Park, and Westfall Rd., Rochester, N. Y.

WILMOT, Charles S. (M 1919) Exec Engr., U. S. Navy, Dept. Yards and I and • 436 Haverford Ave., Narberth, P

WILSON, Alexander M. (J 1942; S 1939) sign, U.S.N.R., and • 338 South Barr State College, Pa.

WILSON, Donald P. (M 1943) Chief D man, McQuay, Inc., 1729 Broadway, Minneapolis 18, and • 3380 Brunswick Louis Park 16, Minn.

WILSON, George T. (M 1925) Sales E Gurney Foundry Co., Ltd., 4 Junction Toronto, and • 25 Tyre Ave., Islington, Canada.

WILSON, James (M 1942) Service E Darling Bros., Ltd., 140 Prince St., Mon and • 4259 Hingston Ave., N.D.G., Mon Que., Canada.

WILSON, Raymond W. (M 1934) Memb Firm, Wilson-Brinker Co., 309 Pythian 1 Kalamazoo 9, and • 2414 S. Westnedge Kalamazoo 24, Mich.

WILSON, Robert A. (M 1936) Sales E Minneapolis-Honeywell Regulator Co., Euclid Ave., Cleveland, and • Briar Solon, Ohio.

WILSON, Victor H. (A 1938) Engr.-Dis tor and Contractor in Refractories, Phi Jointless Firebrick Co., 403 Hitchcock 1 Nashville, and • "The Thistle-Patch," I son, Tenn.

WILSON, Westray E. (A 1939) Lt. Col., Army; • Wilson Plumbing Co., 227 Has Rd., and 110 Salola St., Asheville, N.

WILSON, W. H. (A 1932) Chief Power Engr., Pullman-Standard Car Manufact Co., 11001 Cottage Grove Ave., and • 22 110th Pl., Chicago 28, Ill.

WILTBERGER, Constant F. (M 1935) Pa Consulting Engrg., Pennell & Wiltb Lund Title Bldg., Philadelphia 10, and • N. Ninth St., Philadelphia 23, Pa.

Second Ave., Detroit 26, and 16188 Wisconsin, Detroit 21, Mich.

WINKLER, Ralph A. (A 1940; J 1937) Engr., A. E. Winkler & Sons, Inc., 2387 North 31st St., Milwaukee 10, and • P. O. Box 179, Elm Grove, Wis.

WINSLOW, C. E. A. (M 1932) (Council, 1940-43) (2nd Vice-Pres., 1943) Prof. of Public Health, • Yale University, 316 Cedar St., and 314 Prospect St., New Haven, Conn.

WINTERBOTTOM, Ralph F. (M 1928) Engr., Winterbottom Supply Co., and • 720 Moir, Waterloo, Iowa.

WINTERER, Frank C. (M 1920) Branch Sales Mgr., • American Radiator & Standard Sanitary Corp., 310 Broadway, St. Paul 1, and 836 Juno Ave., St. Paul 2, Minn.

WISE, Mason W. (M 1923) Owner, M. W. Wise Co., "Lakewood," and • 1656 Melrose Dr., S.W., Atlanta, Ga.

WISER, C. E. (A 1941) Production Coordinator, Minneapolis-Honeywell Regulator Co., and • #2 Bonbrook Dr., Wabash, Ind.

WITHERIDGE, David E. (J 1936) Cons. Engr., • W. A. Witheridge Co., 2340 Mershon St., Saginaw, Mich.

WITHER, Howard S. (A 1937) United States Rubber Co., 6600 E. Jefferson Ave., and • 2217 Harding Ave., Detroit 14, Mich.

WITTIG, Frederick E. (J 1939) Instructor, • Pratt Institute, 215 Ryerson St., Brooklyn 5, and Box 145, Glenwood Landing, L.I., N. Y.

WOESE, Carl F. (M 1934) Consulting Engr., • Robson & Woese, Inc., 1001 Burnett Ave., and 256 Robineau Rd., Syracuse, N. Y.

WOLFE, John S. (M 1941) Engr., Ruemelin Manufacturing Co., 8850 N. Palmer St., and • 2004 N. Bartlett Ave., Milwaukee, Wis.

WOLIN, M. W. (J 1938; S 1937) a/c 12175791, Squadron C, Sec. 6208 ACPTS, Seymour Johnson Field, N. C.

WOLL, Willard M. (M 1933) Engr., • Commonwealth Edison Co., Rm. 1625, 72 W. Adams St., and 9320 S. Throop St., Chicago, Ill.

WOLLENBERGER, Louis (M 1938) Industrial Gas Engr., • Coast Counties Gas & Electric Co., 22 Pacific Ave., Santa Cruz, Calif.

WONG, Wilfred S. B. (M 1938) • American Engineering Corp., 989 Bubbling Well Rd., and 669 Hart Rd., Shanghai, China.

WONSON, Arthur S., Jr. (J 1941; S 1938) Navy Yard, Boston, and • Walnut Park Ave., Essex, Mass.

WOOD, Alfred W. (A 1941; J 1938) Flight Lt., R.C.A.F. Station, Mountain View, Ont., Canada, and • 36 Dufferin St., Ingersoll, Ont., Canada.

WOOD, Charles F. (M 1937) Air Cond. Mgr., Prod. Development and Application Dept., Frigidaire Div., General Motors Sales Corp., 300 Taylor St., Dayton 1, and • R. R. 1, Spring Valley, Ohio.

WOODGER, Herbert W. (M 1939) Htg. and Vtg. Engr., • General Electric Co., 100 Woodlawn Ave., Pittsfield, and "Pineacres," East St., Lenex, Mass.

WOODHOUSE, Graham D. (A 1938) Gen. Supt., Dowagiac Steel Furnace Co., and • 304 West St., Dowagiac, Mich.

WOODMAN, Lawrence E. (M 1934) Owner, • Woodman Engineering Co., 203 E. Capitol, and 925 Adams, Jefferson City, Mo.

WOODS, Baldwin M. (M 1937) (Council, 1942-43) Director of University Extension, • University of California, and 249 The Uplands, Berkeley 5, Calif.

Minneapolis-Honeywell Regulator Co., 1907 Federal St., Dallas 1, and 7123 Thurston Dr., Dallas, Texas.

WOODS, Edward H. (M 1934) • 916 College Ave., Niagara Falls, N. Y.

WOOLLARD, Mason S. (M 1934) Harry H. Angus, Consulting Engr., 1221 Bay St., Toronto 1, and • 31 Hillcrest Park Ave., Toronto 5, Ont., Canada.

WOOLCOCK, Edwin (A 1938) Owner, • Woolcock Plumbing & Heating Co., 2217-15th St., and 446 Memorial Pkwy., Niagara Falls, N. Y.

WOOLSTON, Robert H. (A 1944; J 1941) Partner, Woolston-Woods Co., 2132 Cherry St., and • 358 W. Mt. Airy Ave., Philadelphia, Pa.

WOOTEN, M. Frank, Jr. (M 1941; A 1940) Cons. Engr., Wooten & Wooten, Consulting Engr., 104 Latta Arcade, and • 400 Cherokee Rd., Charlotte, N. C.

WORKMAN, Albert E. (A 1941) Lt. (jg) U.S.N.R., and • 14601 Bayes Ave., Lakewood, Ohio.

WORMLEY, Robert F. (A 1938) Branch Mgr., • Grinnell Company of Canada, Ltd., 700 Beaumont Ave., Montreal, Que., Canada.

WORSHAM, Herman (M 1925; J 1918) War Products Training Service, • Frigidaire Div., General Motors Corp., 300 Taylor St., Dayton 1, and 524 Daytona Pkwy., Dayton 6, Ohio.

WORTHINGTON, Thomas H. (M 1937) Mgr., Eastern Htg. Sales, • Standard Sanitary & Dominion Radiator, Ltd., 405 Beaubien St., W., Montreal, Que., Canada.

WORTON, William (M 1937) Mgr., • C. A. Dunham Co., Ltd., 504 Scott Block, and 292 Lansdowne Ave., Winnipeg, Man., Canada.

WRIGHT, Calvert C. (M 1944) Prof., Fuel Technology, • School of Mineral Industries, Pennsylvania State College, and 314 Arbor Way, State College, Pa.

WRIGHT, Clarence E. (A 1940; J 1935; S 1933) Mgr., Htg. Dept., Fairmont Wall Plaster Co., Tenth St., and • 303 Nuzum Pl., Fairmont, W. Va.

WRIGHT, H. H. (M 1917) Owner, • H. H. Wright Co., 1322 Walnut St., Kansas City 6, and 808 Greenway Terrace, Kansas City 6, Mo.

WRIGHT, John B. (M 1940) Sales Engr., • The Nash Engineering Co., South Norwalk, and Rowayton, Conn.

WRIGHT, K. A. (M 1921) Branch Mgr., • Johnson Service Co., 1905 Dunlap St., Cincinnati, Ohio, and 113 Orchard Rd., Ft. Mitchell, Covington, Ky.

WRIGHT, Lawrence T., Jr. (J 1943) Asst. Prof. of Heat-Power Engr., • Cornell University, College of Engineering, Ithaca, N. Y.

WRIGHT, Norman S., Jr. (A 1942; J 1941) Mfrs. Repr., • 260 Perry St., San Francisco, and 22 Hillcrest Rd., Mill Valley, Calif.

WRIGHTSON, Wilbur T. (M 1937) Eastern Mgr., • Garden City Fan Co., 55 West 42nd St., New York 18, and 22 Sagamore Rd., Bronxville 8, N. Y.

WUNDERLICH, Milton S. (M 1925) Gen. Sales Mgr., Insulite Div., Minnesota & Ontario Paper Co., 500 Baker Arcade, Minneapolis, and • 545 Mt. Curve Blvd., St. Paul, Minn.

WYATT, DeWitt H. (M 1936) Sr. Research Engr., Engineering Experiment Station, Ohio State University, Columbus 10, and • 123 Acton Rd., Columbus 2, Ohio.

WYLD, R. G. (M 1937) Lt., U.S.N.R., • 407 Terminal Bldg., and 26 Broadway, Rochester, N. Y.

Y

YAGER, John J. (M 1921) Pres., Goergen-Mackwirth Co., Inc., 817 Sycamore St., and • 425 Woodbridge Ave., Buffalo, N. Y.
 YAGLOU, C. P. (M 1923) Assoc. Prof. Industrial Hygiene, • Harvard School of Public Health, 55 Shattuck St., Boston, and 10 Vernon Rd., Waverley 79, Mass.
 YARBOROUGH, T. R. (M 1938) Production Analyst, War Production Board, 318 Phoenix Bldg., and • Claridge Manor Apts., 2621 11th Ave., Birmingham, Ala.
 YATES, Joseph E. (M 1939) Safety Supvr., • Pacific Power & Light Co., 405 Public Service Bldg., Portland, Ore.
 YATES, Walter (Life Member; M 1902) Governing Dir., • Matthews & Yates, Ltd., Cyclone Works, Swinton, and 4 Egerton Pk., Worsley, Man., England.
 YERKES, William L. (M 1941; A 1937) Carrier Corp., S. Geddes St., Syracuse, and • 13 Leitch Ave., Skaneateles, N. Y.
 YOUNG, Chester C. (M 1943) Utilization Engr., Lone Star Gas Co., Dallas Div. of Distribution, and • 4336 Stanhope St., Dallas, Texas.
 YOUNG, Emil O. (A 1935) Owner, • Young Regulator Co., 4500 Euclid Ave., Cleveland 3, and 3628 Cummings Rd., Cleveland Heights, Ohio.
 YOUNG, George H. (J, 1944) Dist. Mgr., • B. F. Sturtevant Co., 3015 N. Meridian, Indianapolis, Ind.
 YOUNG, Harold J. (M 1937) Sales Engr., Young Radiator Co., Occidental Hotel Bldg., and • 1864 Lakeshore Dr., Muskegon, Mich.
 YOUNG, J. T., Jr. (A 1936) Mgr., • Crane Co., Box 709, and 508 Ogden Canyon, Ogden, Utah.
 YOUNGER, John R. (J 1941) U.S.N.R., Sp 3/c (T) • U. S. Naval Training School, Wahpeton, N. D.

ZACK, H. J. (M 1923) Prop., • The Zack • 2811 Van Buren St., Chicago, Ill.
 ZAKI, Hussein M. (J 1941; S 1940) Architectural Engr., • The Tractor & Engineers Company S.A.E., Cairo, P. O. B. 366, Egypt.
 ZANONE, Henry A. (A 1943) Plbg. and I Supt., • Commonwealth of Kentucky, P. Box 155, Frankfort, and Rt. 1, Box 1 Shively, Ky.
 ZEIGLER, Donald D. (S 1942) Lt., • Proprietary Laboratory, Wright Field, Dayton, O.
 ZIBOLD, Carl E. (M 1929) Mech. Engr., E and Vts., War Dept., Div. Engrg., Broadway, New York, and • 13 Chadw Rd., White Plains, N. Y.
 ZIEBER, W. E. (M 1935) Director of Research • York Corp., and 22 S. Keesey St., York, Pa.
 ZIEL, Herbert E. (M 1924) Mech. Engr., • Albert Kahn, Associated, 345 New Cen Bldg., and 694 Glynn Court, Detroit 2, Mich.
 ZIESSE, Karl L. (A 1931) Partner, • Phon Sprinkler & Heating Co., 115 Campau Ave. N.W., Grand Rapids 2, Mich.
 ZINGHEIM, Wm. C. (M 1943) Owner, • W C. Zingheim Co., 450 E. Ohio St., and 81 Drexel Ave., Chicago, Ill.
 ZINK, David D. (M 1931) Lt.-Col., G.S. Hq., 7th U. S. Army, APO 753, c/o Postmaster, New York, N. Y.
 ZINTEL, George V. (A 1941) Lt. (jg) U N.R., • Rm. 200, Commerce Bldg., Milwaukee, Wis.
 ZUBER, Otto C. (A 1938) Chief Eng • Amara Society, Amara, and South Amara, Iowa.
 ZUMWALT, Ross (A 1941; J 1938) Partner, • Zumwalt & Vinther, 1807 Mercantile Bldg., Dallas, Texas.
 ZUROW, William A. (J 1937) Ensign, U. Navy, and • 728 S. Tenth St., St. Joseph, Mo.
 ZYNDA, John R. (J 1942) Mech. Engr., Tc and Fixture Designer, Reliant Industrial Fisher Bldg., and • 8376 Burt Rd., Detroit, Mich.

MEMBERSHIP

Active Members	1068
Life Members	264
Deceased Members	29
Total	3344

STATES AND POSSESSIONS

Alabama	2
Arizona	26
Arkansas	103
California	6
Colorado	2
Connecticut	63
Delaware	52
District of Columbia	7
Florida	90
Georgia	1
Idaho	3
Illinois	1
Indiana	1
Iowa	2
Kansas	1
Kentucky	3000
Louisiana	243
Maine	
Maryland	
Massachusetts	
Michigan	
Minnesota	
Mississippi	
Missouri	
Montana	
Nebraska	
Nevada	
New Jersey	
New York	
North Carolina	
North Dakota	
Ohio	
Oklahoma	
Oregon	
Pennsylvania	
Rhode Island	
South Carolina	
South Dakota	
Tennessee	
Texas	
Utah	
Vermont	
Virginia	
Washington	
West Virginia	
Wisconsin	
Wyoming	
Alaska	
Canal Zone	
Hawaii	
Puerto Rico	
DOMINION OF CANADA	243
FOREIGN COUNTRIES	
Australia	8
Brazil	4
Chile	1
Cuba	1
Egypt	4
England	44
India	4
Ireland	2
Mexico	2
New Zealand	3
South Africa	5
Sweden	6
Turkey	1
Venezuela	2
Addresses Unknown	87
TOTAL MEMBERSHIP	3344

LIST OF MEMBERS

(Geographically Arranged)

UNITED STATES and POSSESSIONS

ALABAMA

Attalla--
Gilliland, L. I.
Birmingham--
Cause, H. C.
Myer, H.
Richards, G. H.
Walden, H. K.
Varborough, T. R.
Camp Rucker--
Marshall, T. A.
Florence--
Lecureux, E. E.
Fort McClellan--
Friedman, D. H., Jr.
Jacksonville--
Killbren, D. E.
Mobile
Spurney, F. E.
Montgomery--
Dowdy, R. B.
Drum, L. J., Jr.
Lascier, F. L.
Tuscaloosa--
Murphree, R. L.

ARIZONA

Lowell--
Vasoli, N. L.
Phoenix--
Hummel, G. W.
Tucson--
Tidmarsh, P. M.

ARKANSAS

Fort Smith--
Schrister, P. H.
Little Rock--
Cunnick, H.
McCoy, C. E.
Pine Bluff--
Carnahan, J. H.

CALIFORNIA

Alameda--
Daddario, F. T.
Berkeley--
Atkins, G. E.
Bakwin, W. F., Jr.

Blum, H., Jr.
Brown, S. D.
Hansen, W. A.
Hutchinson, F. W.
Kaup, E. O.
Krueger, J. I.
Murphy, E. F.
Musser, N. B.
Peterson, C. L.
Porter, N. E.
Raber, B. F.
Woods, B. M.

Beverly Hills--
Belford, L. duB.

Burlingame--
Hill, J. A.
McIndoe, J. F.

Compton--
Jones, D. R. A.

Culver City--
Blake, J. L.
Owen, J. D.

El Monte--
Hazelhurst, H. D.

Fort Mason--
Berzelius, C. E.

Fresno--
Newman, H. E.

Glendale--
Eggleston, H. L.
Schofield, P. C.
Storms, R. M.
Wells, E. P.

Hollywood--
Beach, W. R.

Huntington Park--
Hoger, B. E.

Larkspur--
Heimway, J. C.

Long Beach--
Barth, J. W.
Billingsley, O. F. H., II

Los Angeles--
Anderson, C. S.
Caskey, T. C.
Cummings, T. P.
De Flon, J. G.
deNena, L. I.
Dieter, G. H.
Downs, A. H.
Earhart, J. S.
English, H.
Fabling, W. D.
Fulmer, J. P.

Gunzel, R. M.
Hendrickson, H. M.
Hess, A. J.
Hokanson, C. G.
Hungerford, L.
Kennedy, M.
Kilpatrick, W. S.
Lauer, H. B.
Leas, N. N.
Lowe, R. A.
McKenzie, M. C., Jr.
Moriarty, J. M.
Ness, W. H. C.
Orear, A. G.
Ott, O. W.
Park, J. F.
Parks, C. E.
Parsons, J. H.
Phillips, R. E.
Phillips, R. H.
Rodeffer, E. W.
Stanley, R. L.
Stewart, W. O.
Theobald, A.
Walker, W. F.
Webber, C. H.

Menlo Park--
Martin, G. D.

Oakland--
Babcock, P. R.
Blumenthal, M. I.
Brokaw, G. K.
Cummings, G. J.
Emanuel, M.
Ernst, J. P.
Kurtz, O.
Marr, J. M.
Martens, E. D.
Murphy, D. I.
Shepard, C. R.
Smith, H. G.
Terry, S. W.
White, T. J.
Williams, C. D.
Williams, D. L.

Pacific Palisades--
Finney, B.

Palm Springs--
Boyd, R. L., Jr.

Palo Alto--
Johnson, O. W.
Towle, P. H.

Pasadena--
Gifford, R. L.

Port Hueneme--
Holden, R. G.

Riverside--
Baker, H. S.

San Diego--
Keefer, D. M.
Sadler, C. B.

San Francisco--
Alexander, K. O.
Baker, R. H.
Bentley, C. E.
Bloomster, E. L.
Boney, A. J.
Bouillon, L.
Chipman, E. E., Jr.
Cochran, L. H.
Cooley, E. C.
Cushing, R. C.
Douglass, T. C.
Eckra, C. N.
Everetts, J., Jr.
Fanning, E. C.
Folsom, R. A.
Gayner, J.
Golds, E. H.
Green, E. W.
Griffith, H. T.
Haley, H. S.
Herre, H. A.
Hickman, H. V.
Holland, R. B.
Hook, F. W.
Hoover, W. L.
Howes, E. W.
Hudson, R. A.
Hunter, T. B.
Jones, J. T.
Kolb, F. W.
Kooistra, J. F.
Leland, W. E.
Martin, J. O.
Melnick, N. A.
Parker, R. A.
Peterson, N. H.
Phillip, M.
Ploeskey, E. J.
Reed, V. C.
Reilly, P. H., Jr.
Rumsey, J. L.
Scandrett, H. R.
Schlick, P. F.
Scott, R. M.
Scott, W. P., Jr.
Sharp, J. R.
Simons, E. W.
Simonsen, G. M.
Sobel, F.
Sprott, J. I.
Tasney, J. S.
Wayland, C. E.
Widdowfeld, A. S.
Wright, N. S., Jr.

San Gabriel--
Griffith, J. B.

San Marino--
McGowan, T. E.

San Pedro--
Reed, W. H.

Wollenberger, L.
 Santa Monica—
 Coghlan, S. P.
 Walz, C. D.
 Sausalito—
 Howe, W. W.
 Victorville—
 Bachofer, H. A., Jr.

COLORADO

Colorado Springs—
 Jardine, D. C.

Denver—
 Adair, J. S.
 Adams, F. L.
 Fuller, R. A.
 Maves, G. D.
 McNevin, J. E.
 McQuaid, D. J.
 O'Rear, L. R.

La Junta—
 Curtice, J. M.

CONNECTICUT

Bridgeport—
 Clement, E. R., Sr.
 Earle, F. E.
 Palumbo, B. F.

Danbury—
 Moore, M.
 Orgelman, G. H.

Darien—
 Barney, W. J.
 Groves, S. A.

Fairfield—
 Osborn, W. J.
 Smak, J. R.

Georgetown—
 Ingham, J. F.

Greenwich—
 Jones, A. L.

Hartford—
 Bemis, P. D.
 Hoyt, L. W.
 Leitgabel, K. A.
 Peterson, H. P.

Litchfield—
 Williams, E. B.

Manchester—
 Nottage, H. B.

Meriden—
 Nieske, G. F.

New Britain—
 Hart, S.
 Hart, T. S.
 Landfried, C. L.

New Haven—
 Blakeley, H. J.
 Converse, T. J.
 Roeder, W.
 Seeley, L. E.
 Teasdale, L. A.
 Winslow, C. E. A.

Chapin, C. G.
 Eggers, W. K.
 Forsberg, W.
 Hopson, W. T.
 Old Greenwich—
 Fife, G. D.

Riverside—
 Murphy, J. R.

South Norwalk—
 Adams, H. E.
 Jennings, I. C.
 Lyons, C. J.
 Mead, E. A.
 Wright, J. B.
 Wyde, H. M.

Torrington—
 Dozier, A.

Waterbury—
 Osborne, S. R.
 Simpson, R. L.
 Simpson, W. K.
 Stein, J.

Westport—
 Felle, E. H.
 Morgan, R. W.

Woodmont—
 Williams, G. S.

DELAWARE

Claymont—
 Glazburg, N.

Milford—
 Downing, C. B.

Wilmington—
 Burke, J. J.
 Granke, A. A.
 Hayman, A. E., Jr.
 Kershaw, M. G.
 Lowmbery, B. F.
 Parvia, R. S.
 Robinson, G. L.
 Schoenjahn, R. P.
 Staszesky, F. M.
 Walters, J. K.

DISTRICT OF COLUMBIA

Friendship Station—
 Burns, H. J.

Washington—
 Anderson, S., Jr.
 Bichowsky, F. R.
 Brown, L. S., Jr.
 Brunner, E. G.
 Carson, C. C.
 Colvin, O. D.
 Crawford, A. C.
 Cullen, A. G.
 Day, I. M.
 Devore, A. B.
 Downes, H. H.
 Ellis, G. P.
 Epstein, L. S.
 Eriaman, P. H., Jr.
 Espenschied, F. F.
 Faxon, H. C.
 Febray, E. J.
 Feltwell, R. H.
 Graves, V.

Hall, M. S.
 Hamblin, C. M.
 Hanlein, J. H.
 Hannigan, W.
 Heagerty, W. H.
 Haro, G. A., Jr.
 Hertzler, J. R.
 Hill, H. H.
 Hill, W. W.
 Holder, L. H.
 Hollister, N. A.
 Holmes, P. B.
 Hoppe, M. F.
 Houghten, F. C.
 Iverson, H. R.
 Jones, W. C.
 Kizales, M. D.
 Kidd, C. R.
 Kingwell, W. E.
 Kugel, H. K.
 Landauer, L. L.
 Latterner, H., Jr.
 Lauer, R. F.
 Leonard, R. R.
 Leser, F. A.
 Lewis, T.
 Littleford, W. H.
 Lloyd, E. H.
 MacMillan, A. R.
 Maurer, L.
 McCusker, J. P.
 McEntee, F. M.
 Melnbolts, H. W.
 Mergardt, A. P.
 Miller, G. F.
 Millham, F. B.
 Morton, H. S.
 Muirhead, J. G.
 Nelson, H. M.
 Nessell, C. W.
 Nolan, J. J., Jr.
 Norair, H.
 Osborne, J. M.
 Oursoff, L.
 Peacock, H.
 Pierpoint, H. Y.
 Pratt, F. J.
 Robinson, D. M.
 Roper, R. F.
 Ryerson, H. E.
 Sale, F. B.
 Schulze, B. H.
 Shapiro, M.
 Shire, A. C.
 Skagerberg, R.
 Steel, R. J.
 Stewart, J. N.
 Stock, C. S.
 Sutter, E. E.
 Thomas, G.
 Thompson, N. S.
 Tuxhorn, D. B.
 Urdahl, T. H.
 Van Alsburg, J. H.
 Vaughan, J. G., Jr.
 Wallford, L. C. A.
 Werner, J. G.
 Williams, F. H.

FLORIDA

Camp Murphy—
 Diamond, D. D.
 Jakoby, A. C.

Coral Gables—
 Fuller, E. W.

Ft. Lauderdale—
 Forbes, H. B.

Holly Hill—
 Odum, R. A.

Allen, W. W.
 Beckwith, F. J.
 Crumley, M. T.
 Edge, A. J.
 Giest, K. C.
 Pastor, J. C.

Key West—
 Millard, J. W.

Leesburg—
 Freeman, A. W.

Miami—
 Andrews, W. G.
 Blackman, A. O.
 Campbell, G. W.
 Caskey, L. H., Jr.
 Groom, J. W., Jr.
 Long, E. J.

Tampa—
 Patterson, G. P.
 Thomas, B. A.

West Palm Beach—
 Hodeaux, W. L.

GEORGIA

Atlanta—
 Balrd, F. E.
 Baker, H. L., Jr.
 Barnes, L. L.
 Baxter, J. F.
 Baxter, J. F., Jr.
 Boland, L. C.
 Boyd, S. W.
 Brodnax, G. H.
 Bull, F. W.
 Clare, F. W.
 Cole, C. B.
 Como, J. A.
 Crout, M. M.
 DuChateau, M. F.
 Foss, E. R.
 Garrard, W. M.
 Genone, H. W.
 Godfrey, J. E.
 Gorbandt, E. T.
 Gunthorpe, C. E.
 Hahn, R. F.
 Hilmer, G. O.
 Johnson, C. E.
 Kagey, I. B.
 Kent, L. F.
 Kitch, R. B.
 Klein, E. W.
 Koch, A. H.
 Lawrence, L. F., Jr.
 Lindstrom, D. F.
 Ludwig, W. D.
 McKinney, W. J.
 North, S. L.
 O'Shea, J. J.
 Poujade, J. V.
 Powers, R. W.
 Rittelmeyer, J. M.
 Rumbold, A. H.
 Seckinger, B. J., Jr.
 Simms, H.
 Smoot, C. B.
 Sockwell, C., Jr.
 Sockwell, C., Sr.
 Sockwell, T. R.
 Stephenson, K. A.
 Strother, W. E.
 Sudderth, L., Jr.
 Templin, C. L.
 Tucker, T. T.
 Wise, M. W.

Augusta—
Arndt, H. W.
Brunswick—
Gilmore, J. L.
College Park—
Blackshaw, J. L.
Croley, J. G.
Decatur—
Galloway, D.
Sherman, W. P.
Marietta—
Huff, J. M.
Rome—
Waldrep, J. E.
Savannah—
Barnes, H. S.
Harlin, J. B.

IDAHO

Boise—
Dickson, R. W., Jr.
Lessinger, E. F.

ILLINOIS

Batavia—
Atherton, G. R.
Berwyn—
Lobstein, M. C.
Bloomington—
MaGill, W. J.
Nesmith, O. E.
Soper, H. A.
Whitmer, R. P.
Blue Island—
Meyer, K. A.
Carbondale—
Owen, C. E.
Chicago—
Abramson, R. J.
Aeberly, J. J.
Ammerman, A. S., Jr.
Aronberg, M. K.
Aronson, H. H.
Ash, R. S.
Bamond, M. J.
Banach, C. J.
Barnes, N. W.
Baumgardner, C. M.
Becker, W. A.
Benson, F. W.
Berry, C. E.
Bevington, C. H.
Black, F. C.
Blaker, A. H.
Blayney, W. R.
Bornquist, G. W.
Boyle, J. R.
Bracken, J. H.
Braun, L. T.
Brigham, C. M.
Brochu, J. F.
Brooke, I. E.
Broom, B. A.
Brown, A. P.
Burman, C. M., Jr.
Casey, B. L.
Chase, L. R.
Christmann, W. F.
Christoffersen, A. E.
Close, P. D.
Connors, E. C.

Cook, H. D.
Coulter, T. H.
Cranage, T.
Crone, C. E.
Crump, A. L.
Cummiskey, J. F.
Dasing, E.
Dauber, O. W.
Dunham, C. A.
Emmert, L. D.
Ericsson, E. B.
Fatz, J. L.
Fenner, N. P.
Fergestad, M. L.
Fleak, W. D.
Frank, J. M.
Gardner, M. K.
Gardner, W.
Gaylord, F. H.
Getschow, R. M.
Goetz, A. H.
Gothard, W. W.
Gotschall, H. C.
Graves, C. C.
Griffin, C. J.
Gritschke, E. R.
Gustafson, C. A.
Haas, S. L.
Haines, J. J.
Hand, W. L.
Hanley, T. F., Jr.
Hart, H. M.
Hashagen, J. B.
Hattis, R. E.
Hayes, J. J.
Hendrickson, R. L.
Hill, E. V.
Himelblau, H.
Howatt, J.
Hubbard, G. W.
Hustol, A. M.
Johnson, C. W.
Kaiser, F.
Keating, A. J.
Keeney, F. P.
Keeton, R. W.
Kehm, H. S.
King, A. C.
Krez, L.
Kucera, H. T.
Kuechenberg, W. A.
Lagodzinski, H. J.
LaRoi, G. H., II
Lauterbach, H., Jr.
Lenone, J. M.
Leuthesser, F. W., Jr.
Lewis, S. R.
Maccubbin, H. A.
Malone, D. G.
Malvin, R. C.
Manny, J. H.
Martin, A. B.
Martin, W. J.
Matchett, J. C.
Mathis, E.
Mathis, H.
Mathis, J. W.
Mattingly, M. F.
Mautner, E. W.
May, A. O.
May, M. F.
McCauley, J. H.
McClellan, J. E.
McDonald, T.
McDonnell, E. N.
McDonnell, J. E.
McRae, M. W.
Merens, S. H.
Mertz, W. A.
Miller, F. A.
Mittler, R. T.
Milliken, J. H.
Mittendorf, E. M.
Mueller, H. C.
Muessig, J. W.
Narowetz, L. L., Jr.
Neller, S. G.
Nelson, R. O.
Newport, C. F.
Offen, B.
Olson, C. F.
Olson, B.
Ott, M. E.
Peller, L.
Peterson, W. E.
Pfister, V. A.
Phillippi, J. J.
Pierce, J. D.
Pope, S. A.
Porter, K. C.
Powers, F. W.
Prentice, O. J.
Price, C. E.
Raymond, F. I.
Rager, H. P.
Rex, H. E.
Rietz, E. W.
Rottmayer, S. I.
Russell, E. A.
Sachs, S.
Sander, A. J.
Scheidecker, D. B.
Schulein, L. E.
Shanklin, A. P.
Shultz, E.
Smith, S.
Solstad, L. L.
Sommerfeld, S. S.
Spencer, R. M.
Spielmann, G. P.
Sterner, C. J.
Stevenson, M. J.
Sunderland, R. P.
Swanson, N. W.
Thinn, C. A.
Thomsen, N. B.
Tiller, L.
Tobin, J. F.
Trickler, E. E.
Trumbo, S. M.
Wald, G. H.
Walters, W. T.
Ward, O. G.
Waterfall, W.
Well, M.
Weinshank, T.
Wendt, E. H.
White, E. B.
Wills, F. W.
Wilson, W. H.
Woll, W. M.
Zack, H. J.
Zingheim, W. C.

Decatur—
Boyd, L. E.
Des Plaines—
DeLand, C. W.
Lockhart, H. A.
Downers Grove—
Stacy, L. D.
East St. Louis—
Cover, E. B.
Post, N.
Elgin—
Anderson, C. G.
Evanston—
Clarke, J. H.
Jennings, B. H.
Kearney, J. S.
Oosten, L. S.
Schroeder, W. R.
Snyman, G. C.
Stahl, W. A.

Flora—
Brissenden, C. W.
Glencoe—
Barnett, H.
Hornung, J. C.
Pett, A. W.
Glen Ellyn—
Sherman, V. L.
Glenview—
Nightingale, G. F.
Homewood—
Wilkinson, F. J.
Joliet—
Kurtz, R. W.
Kewanee—
Bronson, C. E.
Dickson, R. B.
Hartman, J. M.
La Grange—
Estep, L. G.
Mendota—
Knox, W.
Moline—
Belting, E. H.
Hansen, J. T.
Holuba, H. J.
Nelson, H. W.
Nelson, R. H.
Monmouth—
O'Daniel, J. A.
Morton Grove—
Gossett, E. J.
Lige, W. W.
Moore, R. E.
Patterson, R. A.
Pulham, C. E.
Mt. Prospect—
Schuetz, C. C.
Mt. Vernon—
Benoiat, L. L.
Benoiat, R. E.
Northbrook—
Prebensen, H. J.
Oak Park—
Fitzgerald, M. J.
Johns, H. B.
May, E. M.
Meifler, D. V.
Smith, L. J.
Uhlhorn, W. J.
Williamson, C. C.
Ottawa—
Bazzoni, J. P.
Park Ridge—
Brandt, A. D.
Floeth, J. J.
Heckel, E. P.
Locke, J. S.
Stout, A. G.
Sutcliffe, A. G.
Peoria—
Cunningham, J. S.
Hauer, F.
Meyer, F. L.
River Forest—
Richmond, K. C.

Rockford—
 Streator—
 Johnson, R.
 Urbana—
 Rahmet—
 Harris, W.
 Helms—
 Kono, S.
 Kraus, A.
 Markland, C.
 Severn, W.
 Willard, A.
 Villa Park—
 Amesbury—
 Waukegan—
 Huhn, W.
 Wilmette—
 Adams, B.
 Marshall, P.
 Mayland, J.
 Winnetka—
 Killian, V.
INDIANA
 Cloverdale—
 Morrison, F.
 East Chicago—
 Boyar, S. L.
 Evansville—
 Becker, R. K.
 Gair, K. B.
 Grossman, F. A.
 Koenig, A. C.
 Shapiro, C. A.
 Fairland—
 Garber, W. E., Jr.
 Ft. Wayne—
 Hattersley, E. H.
 Sanders, C. M., Jr.
 Smith, W. R.
 Gary—
 Kirtland, E. M.
 Gothen—
 Shaw, B. E.
 Greencastle—
 Cockley, J. E.
 Huntington—
 Redrup, W. D.
 Smith, G. W.
 Indianapolis—
 Alexander, H. V.
 Allen, J. L.
 Arct, F. A.
 Barton, F. C.
 Bevington, W. C.
 Blackman, R. C.

West Lafayette—
 Miller, W. T.
 Warner, C. F.
IOWA
 Ackley—
 Nelson, G. O.
 Amos—
 Zuber, O. C.
 Ames—
 Brown, W. E.
 Norman, R. A.
 Olson, E. O.
 Smith, R. E.
 Cedar Rapids—
 Nyquist, J. D.
 Cherokee—
 Miller, M. S.
 Des Moines—
 Borg, E. H.
 Frankie, H. R.
 Helstrom, C. W.
 Hennessey, W. J.
 Johnson, T. R.
 Johnston, M. T.
 Landes, B. E.
 LaRue, P.
 McGuiness, C. H.
 Murphy, D. C.
 North, C. P.
 Schnell, R. H.
 Stuart, W. W.
 Tene, J. E., Jr.
 Trigg, F. E.
 Walters, A. L.
 Wells, D. E.
 Wheeler, C. A.
 Farragut—
 Arvidson, E. R.
 Iowa City—
 Croft, H. O.
 Plymouth—
 Friedline, J. M.
 Sioux City—
 Hagan, W. V.
 Raven, A. H.
 Washington—
 Norton, L. L.
 Waterloo—
 Haden, L. E.
 Knox, J. C.
 Smith, S. T.
 Todd, M. L.
 Winterbottom, R. F.
KANSAS
 Great Bend—
 Morrison, W. L.
 Hutchinson—
 Stevens, H. L.
 Via, C. W.
 Iola—
 Abrens, R. H.
 Junction City—
 Froelich, H. A.
 Muenzenmayer, W. R.
 Kansas City—
 Betz, H. D.
 Fitzmorris, T. B.

Hayes, O. J.
 Kell, W. R.
 Mart, L. T.
 McMichael, C. L.
 Lawrence—
 Robb, J. E.
 Leavenworth—
 Roser, E., III
 Simon, H. B.
 Manhattan—
 Gould, J. L.
 Salina—
 Ryan, W. F.
 Topeka—
 Schumacher, C. W.
 Victoria—
 Chapin, H. G.
KENTUCKY
 California—
 Haas, C. F.
 Ft. Knox—
 Brown, H. J.
 Frankfort—
 Zanone, H. A.
 Lexington—
 O'Bannon, L. S.
 West, P.
 Louisville—
 Groot, H. W.
 Helstrom, J.
 Hubbuch, N. J., Jr.
 May, J. W.
 Murphy, H. C.
 Nutting, A.
 Pound, H. W.
 Weeks, R. W.
LOUISIANA
 Alexandria—
 Hamilton, M. S.
 Metairie—
 Busenlener, L. V.
 Monroe—
 Thomas, E. R.
 New Orleans—
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 Bryner, J. J.
 Burke, J. S.
 Cressy, L. R.
 Cressy, L. V.
 DeLaurel, W. D.
 Devlin, J.
 Dudley, W. H., Jr.
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 Eutaler, E. E., Jr.
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 Fischer, F. P.
 Friedler, J. J., Jr.
 Gamble, C. B.
 Graham, F. D.
 Grant, W. H., Jr.
 Groat, R. B.
 Gullfory, J. M.
 Gutknecht, F.
 Helwick, N. J.
 Holzer, R. J., Jr.
 Joyce, J. J.

Koehler, G. N.
Maxwell, L. R.
May, C. E.
Minson, F. L.
Moses, W. B., Jr.
Nelson, L. K.
Oesterle, A. L.
Oster, W. P.
Roberts, H. H.
Salzer, A. R., Jr.
Schneider, E. W.
Spocrr, F. F.
Thoman, E. O.
Weil, L. S.

Shreveport—
Fitzgerald, W. E.
Sandfort, J. F.

MAINE

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Prince, R. F.
Cape Elizabeth—
Lunt, W. F.
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Loughran, P. H., Jr.
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Fels, A. B.
Merrill, C. J.

MARYLAND

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Collier, W. I.
Crosby, E. L.
Dehler, F. C.
Dorsey, F. C.
Dressell, R. E.
Dukehart, M. M.
Gjertsen, C.
Horne, H. F.
Levitt, L. L.
Mabon, J. E.
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Nest, R. E.
North, W. R.
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Stokes, A. D.
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Goodwin, E. W.
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Beitzell, A. E.
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Thulman, R. K.

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Rodgers, J. S.
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Dovener, R. F.
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Mt. Rainier—
Gray, W. E.
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McCaffray, C. E.

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Dill, R. S.
Eagleton, S. P.
Grizlan, L. L.
Nordine, L. F.
Richardson, F. C., Jr.
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Shuman, L.
Stack, A. E.

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Bornstein, A. B.
Bornstein, W.
DeSomma, A. E.

MASSACHUSETTS

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Shaw, N. J. H.
Arlington Heights—
Tarr, H. M.
Belmont—
Saurwein, G. K.
Spence, R. A.

Boston—
Ahearn, W. J.
Bergan, J. R.
Brinton, J. W.
Brissette, L. A.
Carrier, E. G.
Donohoe, J. B.
Drinker, P.
Edwards, D. J.
Foulds, P. A. L.
Howes, B. B.
Jennings, W. G.
Kelley, J. J.
Kimball, C. W.
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Mandell, T. P.
McCoy, T. F.

Swanson, L. R.
Swaney, C. R.
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Tuttle, J. F.
Tyler, R. D.
vonRehberg, H. L.
Waterman, J. H.
Whitehurst, B. W.
William, F. C.
Yaglou, C. P.

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Archer, D. M.
Bartlett, A. C.

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Boyden, D. S.

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Flint, C. T.

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Sheffield, R. A.
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Ehrenzeller, A.
Goodrich, C. F.
Hosterman, C. O.

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Lincoln, R. L.

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Coe, S. A.

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Wouson, A. S., Jr.

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Dolan, W. H.
Illig, E. E.
Illig, W. R.
Karlsen, A. F.
McKittrick, P. A.

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Cross, R. E.

Harwich Port—
Maxwell, G. W.

Hyde Park—
Ellis, F. R.

Leominster—
Kern, R. T.

Lynn—
Fechan, J. B.
Farrow, H. L.

Malden—
Denham, H. S.
Richards, L. V.

Melrose—
Franklin, R. S.
Gerrish, G. B.

Methuen—
Bride, W. T.

Nantux—
Bentson, R. J.
Natick—
Robln, R. C.
Newton—
Croncy, P. A.
Newtonville—
Emerson, R. R.
Geldinger, P. L.
Jones, W. T.
Moore, H. C.

North Quincy—
Parker, H. E.

Norwood—
Colby, J. H.

Pittsfield—
Nicholls, J. M.
Woodger, H. W.

Quincy—
Rodee, E. J.

Reading—
Ingalls, F. D. B.

Revere—
Brayman, A. L.

River Works—
Williams, W. A.

Roslindale—
Larson, C. W.

Somerville—
Gates, J. N.
Whitten, H. E.

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Malin, B. S.
Murphy, W. W.
Packtor, B. M.

Waban—
Lair, P. H.
McMullen, E. W.

Watertown—
Wiegner, H. B.

Wellesley Hills—
Barnes, W. E.

West Newton—
Burbo, W. G.
Wahlin, B. J.

West Roxbury—
Krapohl, W. H.
McPherson, W. A.

Wilbraham—
Scott, D. C.

Winchester—
Doherty, J. J.

Wollaston—
Blair, E. L.

Worcester—
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Wechsberg, O.

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 Uhl, W. F.

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 Anderson, G. A. M.

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 Wilson, D. P.

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 Bean, G. S.
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 Hickey, D. W.
 McNamara, W.
 Oberg, H. C.
 Olson, E. O.
 Otto, R. W.
 Persson, N. B.
 Peterson, J. R.
 Ruff, D. W. C.
 Sanford, A. L.
 Schneeberg, F. H.
 Sturm, W.
 Winterer, F. C.
 Wunderlich, M. S.

Spring Park—
 Strester, E. C.

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 Dabbs, J. T.

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 Weber, E. F.

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 Kingsland, G. D.

Ferguson—
 Bemis, W. A.
 Szombathy, L. R.

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 Woodman, L. E.

Joplin—
 McMullen, E. W.

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 Arthur, J. M., Jr.
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 Ball, W.
 Barnes, A. R.
 Bowen, L. F.
 Burns, E. J.
 Burns, F. C.
 Caleb, D.
 Campbell, E. K.
 Case, D. V.
 Cassell, W. L.
 Cheasley, T. C.
 Clegg, C.
 Davis, C. A. L.
 Dean, F. J., Jr.
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 Dodds, F. F.
 Downes, N. W.
 Fehlig, J. B.
 Fehlig, J. B., Jr.
 Forslund, O. A.
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 Heaven, L. P.
 How, R. F.
 Jones, T. S.
 Ketchum, E. R.
 Kitchen, J. H.
 Leffel, P. C.
 Lewis, J. G.
 Lochman, E. W.
 Machin, D. W.
 Mason, R. B.
 Millis, L. W.
 Nelson, A. A.
 Nottberg, G.
 Nottberg, H. J.
 Nottberg, H., Jr.
 O'Dower, H. J.
 Painter, D. H.
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 Pexton, F. S.
 Rivard, M. M.
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 Ryan, J. B.
 Scott, E. E.
 Sheppard, F. A.
 Smith, H. C.
 Stephenson, L. A.
 Thomas, R. L.
 Weiss, C. A.
 White, W. E.
 Wiedenmann, W. A.
 Wright, H. H.

Kirkwood—
 Grossmann, H. A.

Normandy—
 Dulle, W. L.

Overland—
 Cain, W. J.
 Grossenbacher, H. E.

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 Harton, A. J.
 Zurow, W. A.

St. Louis—
 Ahrens, C. F.
 Becker, G. E.
 Blackmore, J. J.
 Bradley, E. P.
 Burnap, C. H.
 Carlock, M. F.
 Carlson, E. E.
 Coad, J. D.
 Cooper, J. W.
 Corrigan, J. A.

DeNelle, J. L.
 Fagin, D. J.
 Falvey, J. D.
 Gilmort, L. A.
 Gross, L.
 Hall, H. R.
 Heater, T. J.
 Kella, W. B.
 Kremer, R. H.
 Kuntz, E. C.
 Laufketter, F. C.
 Malone, J. S.
 McLarny, H. W.
 McMahon, T. W.
 Moon, L. W.
 Niemoller, A. R.
 Oonk, W. J.
 Pellegri, L. C.
 Penn, L. W.
 Pentecost, R. H.
 Rodenhiser, G. B.
 Rosebrough, J. S.
 Rosebrough, R. McC.
 Russell, W. A.
 Saenger, L. W.
 Schwarz, G. C.
 Sharp, H. C.
 Simons, B. C.
 Smith, R. C.
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 Stammer, E. L.
 Steckhan, L.
 Toensfeldt, R.

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 Owen, W. H.

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 Evans, B. L.
 Haller, A. L.

Webster Groves—
 Carter, J. H.
 Hartwein, C. E.
 Hyde, D. F.
 Jones, E. A.
 Myers, G. W. F.
 Ronsick, E. H.

MONTANA

Billings—
 Cohagen, C. C.

Butte—
 Sullivan, T. J.

Great Falls—
 Glan, T. M.

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Fremont—
 Siefert, P. E.

Hastings—
 Swingle, W. T.

Lincoln—
 Lehman, M. G.
 Rossiter, J. J.
 Stanton, H. W.

Omaha—
 Adams, E. F.
 Eaton, B. K.
 Goll, W. A.
 Kleinkauf, H. Y.
 Mathis, J.
 McCulley, D. E.

Olson, M. J.
 Ottum, A. L.
 Peterson, B. G.
 Reifschneider, J.
 Ruchte, C. O.
 Saxon, R. B.
 Simmonds, V.
 White, W. R.
 Williams, D. D.

Schuyler—
 Matousek, A. G.

Scottsbluff—
 Davis, O. E.

NEVADA

Las Vegas—
 Inman, C. M.

Reno—
 Humes, W. E.
 Mast, C. M.
 Stevens, H. R.
 Stevens, J. E.

NEW JERSEY

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 Kudinski, W. V.
 Thornton, T. L.

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 Berry, R. U.
 Faust, F. H.
 McLenehan, D. W.

Bogota—
 Gries, F. G.

Bridgeton—
 Ballman, W. H.

Caldwell—
 Harrigan, E. R.
 Schmidt, H.

Camden—
 Brown, W. M.
 Coward, C. W.
 Dickson, G. P.
 Hendrickson, W. B.
 Hynes, L. P.
 Kappel, G. W. A.
 Plum, L. H.
 Webster, E. K.

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 Maddux, O. L.

Cliffside Park—
 Butler, P. D.

Collingswood—
 Mohrfeld, H. H.

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 Lehman, J. L.

Britsche, C.
 Rilly, J. H.
 Schroth, A. H.
 Siggins, G. S.
 Tallmadge, W.
 Turno, W. G.
 Elizabeth—
 Anderson, J. W.
 Beebe, F. E. W.
 Bermel, A. H.
 Cornwall, G. I.
 Loeser, C. M.
 Essex Falls—
 Eklings, R. M., Jr.
 Soule, L. C.
 Stacey, A. E., Jr.
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 Otts, J. G.
 Freehold—
 Buck, D. T.
 Haddonfield—
 Buzzard, F. H.
 Matthews, J. E.
 Webster, W., Jr.
 Hasbrouck Heights—
 Goodwin, S. L.
 Hoecker, G. F., Jr.
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 Kadel, G. B.
 Hillside—
 Tichenor, L. R., Jr.
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 Dick, H. S.
 Irvington—
 Feldermann, W.
 Reinke, A. G.
 Jersey City—
 Huggins, L. G.
 Jones, H. L.
 Waltherthum, J. J.
 Kearny—
 Shaffer, C. E.
 Little Falls—
 Kaveny, J. G.
 Loch Arbour—
 Van Noughys, H. C.
 Lyndhurst—
 Ehrlich, M. W.
 Manville—
 McDermott, P. F.
 Maplewood—
 Morawick, A. H., Jr.
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 Beatty, J. W.
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 Montclair—
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 Tenney, D.
 Mooretown—
 Makin, H. T., Jr.
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 Abbott, F. S.
 Pintor, J. I.

Bryant, P. J.
 Carey, P. C.
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 Kruse, W. C., Jr.
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 Morehouse, H. P.
 Ray, L. B.
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 Soule, J. P.
 Steinmetz, C. W. A.
 Nutley—
 Morris, C. R.
 Orange—
 Crawford, J. H., Jr.
 Palmyra—
 Cassell, J. D.
 Passaic—
 Blazer, B. V.
 Paterson—
 Frank, O. E.
 McBride, J. N.
 McBride, J. A.
 Plainfield—
 Pond, W. H.
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 Rela, R.
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 Campbell, R. P.
 Rahway—
 Saavely, E. R.
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 Danowitz, C. J.
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 Miller, A. T.
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 Steinke, B. J.
 Roselle Park—
 Morgan, E. H., Jr.
 Rutherford—
 Purinton, D. J.
 South Orange—
 Browne, A. L.
 Summit—
 Oaks, O. O.
 Teaneck—
 Heebner, W. M.
 Union—
 Lyman, S. E.
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 Upper Montclair—
 Donnelly, J. F., Sr.
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 Anderson, E. L.
 Vineland—
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 West Englewood—
 Hutcheon, C. R.

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 Cross, W. D.
 Hansler, J. E.
 McFarlan, A. I.
 Nicola, J. A.
 Westmont—
 Robinson, E. R.
 West Orange—
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 Ferguson, R. R.
 Raymer, W. F., Jr.
 NEW YORK
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 Murray, T. F.
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 Teeling, G. A.
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 Big Flats—
 Davis, B. C.
 Binghamton—
 Schmidt, A. F.
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 Bishop, C. R.
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 Janet, H. L.
 Josephson, S.
 Kleinhotner, W. G.
 Levine, C.
 Levine, L. J.
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 Sheldrop, T. F.
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 Wittig, F. E.
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 Adema, G. E.
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 Davis, J.
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 Evans, E. C.
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 Hirschman, W. F.
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 Kirschhofer, F. J.

Lighthart, C. H.
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 Madison, R. D.
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 Moesel, F. A.
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 Reif, C. A.
 Roebuck, W., Jr.
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 Seelbach, W. R.
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 Sommers, W. J.
 Spencer, W. E.
 Strouse, S. W.
 Voisinot, W. E.
 Weber, F. J.
 Wendt, E. F.
 Whitt, S. A.
 Yager, J. J.
 Camillus—
 Grant, W. A.
 Canajoharie—
 Martin, W. T.
 Dunkirk—
 Mayne, W. L.
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 Conaty, B. M.
 Ensign, W. A.
 Fairport—
 Peck, H. E.
 Fayetteville—
 Des Reis, J. F.
 Hamburg—
 Schafer, H. C.
 Hastings-on-Hudson—
 Hewett, J. B.
 Reynolds, T. W.
 Irvington—
 Bastedo, A. E.
 Hastings, A.
 King, T. E.
 Ithaca—
 Dropkin, D.
 Elwood, W. H.
 Frederick, H. W.
 Mackey, C. O.
 Sawdon, W. M.
 Williams, J. W.
 Wright, L. T., Jr.
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 Laube, H. L.
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 Candee, B. C.
 Cricul, A. A.
 Curry, R. F.
 Mould, H. W., Jr.
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 Larchmont—
 Tiltz, B. E.
 LeRoy—
 Pohle, K. F.
 Lockport—
 Saunders, L. P.

Adams, E. E.
(Jackson Heights)
Alt, H. L.
(St. Albans)
Apt, S. R.
(Bayside)
Bachmann, A. J.
(Ridgewood)
Bastedo, G. R.
(Richmond Hill)
Behrer, W. H., Jr.
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Beneach, E. J.
(Merrick)
Bennis, R. R.
(Elmhurst)
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Bloom, L.
(Freeport)
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(St. Albans)
Carroll, D. E.
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Crone, T. E.
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(Islip)
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(Forest Hills)
Graber, E.
(Douglaston)
Hiers, C. R.
(Great Neck)
Hirsch, M. H.
(Forest Hills)
Jalonack, I. G.
(Rego Park)
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(Bridgehampton)
Kahn, C. R., Jr.
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Kerbel, J.
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Kern, J. P., Jr.
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(Jamaica)
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LaRaus, J.
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(Plandome)
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(Woodhaven)
Peters, H. C.
(Southampton)

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(Holts)
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(Babylon)
Satlow, A.
(Flushing)
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Stellwagen, F. G.
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Trambauer, C. W.
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New Rochelle—
Abrams, A.
Farley, W. F.
Fitz, J. C.
Mank, M.
Rose, H. J.
Virgili, G. A.

New York—
Addams, H.
Addams, P. K.
Addington, H. B.
Akers, A. W.
Albright, C. B.
Ambrose, E. R.
Ashley, E. E.
Baber, J. E.
Baker, D. L.
Baker, T.
Barbieri, P. J.
Baum, A. L.
Bearman, A. A.
Berman, L. K.
Bodinger, J. H.
Braun, C. R., Jr.
Brown, D.
Brundage, F. W.
Buenosod, A. C.
Burgess, J. H.
Cameron, R. T.
Carpenter, R. H.
Chase, C. L.
Close, R.
Clay, W.
Cucco, V. J.
Darts, J. A.
Davidson, J. C.
Davis, C.
Davis, M. M.
Davison, R. L.
Denny, H. R.
Detering, W. C.
Dodge, H. A.
Donnelly, R.
Doughty, C. J.
Downs, C. R.
Eadie, J. G.
Eells, H. B.
Engle, A.
Farbman, L. X.
Feder, N.
Feldman, A. M.
Fiedler, H. W.

Marsheim, C. A.
Fleisher, W. L.
Flink, C. H.
Foster, J. G.
Friedman, M.
Friend, W. F.
Fuller, C. A.
Fullman, J. B.
Gesari, Z.
Giannini, M. C.
Goodman, A. L.
Gordon, P. B.
Grabman, H. B.
Greenburg, L.
Guler, G. D.
Gumaer, P. W.
Hamburger, F. W.
Helbel, W. E.
Heller, J. A.
Henry, A. S., Jr.
Hering, A.
High, J. M.
Hinrichsen, A. F.
Hobbie, E. H.
Hoffman, C. S.
Honerkamp, F.
Hotchkiss, C. H. B.
Janos, W. A.
Jarcho, M. D.
Johnson, H. S.
Kaplan, E.
Kayan, C. F.
Kelly, C. J.
Kimball, D. D.
Koehler, C. S.
Kreiner, J.
Kuhlmann, R.
Kurth, F. J.
Lawrence, F. D.
Lee, B. H.
Lewis, H. F.
Lucke, C. E.
Markush, E. U.
Marston, A. D.
Matheka, C. R.
McClintock, W.
Meinke, H. G.
Meyer, H. C., Jr.
Milner, E. D.
Miller, C. A.
Miller, J.
Milligan, D. G.
Mollander, E. D.
Morro, J. J.
Munier, L. L.
Munkelt, F. H.
Nee, R. M.
Offner, A. J.
Olvany, W. J.
Paterno, S. A. S.
Place, C. R.
Pollak, R.
Potter, J. R.
Prawl, F. E.
Pryke, J. K. M.
Rainson, S. J.
Raisler, R. K.
Rather, M. F.
Reed, S. F.
Reid, H. P.
Reynolds, W. V.
Ritter, A.
Robertson, J. D. W.
Rosenberg, P.
Ross, J. O.
Roth, C. F.
Rothman, S. C.
Ruggles, R. F.
Ryan, H. J.
Samuels, S.
Satterlee, H. A.
Sawhill, R. V.
Schampel, H. B.
Schoepflin, P. H.

Self, V. F.
Sellman, N. T.
Shepard, E. C.
Short, W. W.
Simkin, M.
Siddmore, J. G.
Smith, M. S.
Snyder, E. F., Jr.
Stalb, J. G.
Sternberg, E.
Stevens, E. K.
Stevens, K. M.
Strock, C.
Strunin, J.
Sullivan, T. J.
Syska, A. G.
Tanner, G. J.
Tasker, C.
Tiegel, E. V.
Turner, J. F., Jr.
Vetlesen, G. U.
Vroome, A. E.
Wasson, R. A.
Webster, C. C.
Westphal, N. E.
Wheeler, J., Jr.
White, J. H.
Whitelaw, H. L.
Williams, H. E.
Willner, I.
Wrightson, W. T.
Zink, D. D.

Niagara Falls—
Woods, E. H.
Woolcock, E.

North Tarrytown—
Welas, A. P.

Oswego—
Demarest, R. T.
Fidellus, W. R.
Page, V. C.

Poughkeepsie—
Bertolette, C., Jr.

Rochester—
Betlem, H. T.
Cook, R. P.
Dickason, G. D.
Hakes, L. M.
Hutchins, W. H.
Leonard, L. W.
Lewis, C. E.
McWilliams, J. W.
Stacy, S. C.
Treadway, Q. J.
Vidale, R.
Wilder, E. L.
Willson, F. J.
Wyld, R. G.

Rome—
Lynch, W. L.
Mills, D. L.
Musser, J. M.

Scarsdale—
Cumming, R. W.

Schenectady—
Harrington, E. D.
Hunziker, C. E.
Weiss, E. J.
Welch, L. A., Jr.

Skaneateles—
Verkes, W. L.

Snyder—
Gifford, C. A.
Relf, A. F.

Downe, D. K.
 Euclid—
 Gelger, R. L.
 Heisterkamp, H. W.
 Wilhelm, J. E.
 Glendale—
 Thomas, R. H.
 Hamilton—
 Crane, R. S.
 Schroeder, D. E.
 Thomas, L. G. L.
 Kent—
 Saginor, S. V.
 Lakewood—
 Cummings, I. R.
 Longcoy, G. B.
 Pegg, E. H. R.
 Schurman, J. A., Jr.
 Talliaferro, R. R.
 Tenkonohy, R. J.
 Workman, A. E.
 Lima—
 Hawisher, H. H.
 Logan—
 Kitchen, D. E.
 Lorain—
 Jackson, W. F.
 Martemont—
 Murphy, C. G.
 Middletown—
 Byrd, T. I.
 Somers, W. S.
 Stewart, R. S.
 Newark—
 Waggoner, J. H.
 Oberlin—
 Ries, L. S.
 Sable, E. J.
 Painesville—
 Hobbs, J. C.
 Piqua—
 Lange, R. T.
 Shaker Heights—
 Avery, L. T.
 Foley, J. L.
 Solon—
 Wilson, R. A.
 Spring Valley—
 Wood, C. F.
 Toledo—
 Lewis, H. E.
 Ray, G. E.
 Watkins, G. B.
 University Heights—
 Karcher, C. M. H.
 Mannon, D. E., Jr.
 Van Wert—
 Jones, S.
 Warren—
 Manning, C. E.
 Waverly—
 Armbruster, F. T. W.

Wilmington—
 Marconett, V. G.
 Sapp, C. L.
 Youngstown—
 Montgomery, J. R.
 Stangle, W. H.

OKLAHOMA

Enid—
 Pelsner, M. B.
 Thomas, F. M.
 Norman—
 Dawson, E. F.
 Lieblich, M.
 Oklahoma City—
 Beals, D. E.
 Braniff, P. R.
 Dolan, R. G.
 Ellingson, E. T. P.
 Frankfurt, W. W.
 Gray, E. W.
 Loeffler, F. X.
 Melton, H. E.
 Morin, A. R.
 Tulsa—
 Dean, C. H.
 Holmes, A. D.
 Jones, E.
 McCune, L. J.

OREGON

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 Willey, E. C.
 Eugene—
 Chase, P. S.
 Medford—
 Hoey, J. K.
 Ordinance—
 Sutch, H. C.
 Portland—
 Armstrong, C. E.
 Banks, J. B.
 Burtchael, J. T.
 Burton, W. R.
 Byrne, J. J.
 Campau, W. R.
 Carroll, E. E.
 Farnes, B. W.
 Finlay, A. E.
 Finnigan, W. T.
 Fluckey, K. N.
 Freeman, J. A.
 Gehrs, W.
 Goehjer, E. E.
 Gribbon, J. H.
 Harrington, L. J.
 Heinkel, C. E.
 Johnston, A. K.
 Kollas, W. J.
 Krockner, J. D.
 Langdon, T. C.
 Lynch, J. R.
 McClung, T. H.
 Mead, H. K.
 Moore, B. W.
 Morrison, W. B.
 Murhard, E. A.
 Neubauer, E. W.
 Ponder, E. A.
 Riley, J. N.
 Risley, G. H.
 Taylor, T. E.

Widmer, W. J.
 Yates, J. E.
 Salem—
 Cooper, D. E.
 Van Wyngarden, J. E.

PENNSYLVANIA

Abington—
 Park, N. W.
 Terry, M. C.
 Allentown—
 Glance, A. C.
 Goundie, J. K.
 Harsh, F. C.
 Hilder, F. L.
 Korn, C. B.
 Ardmore—
 Curley, E. I.
 Haynes, C. V.
 Avondale—
 Battan, S. W.
 Bethlehem—
 Stuart, M. C.
 Brookline—
 Eastman, C. B.
 Brookline Park—
 Call, J.
 Creighton—
 Cox, S. F.
 Dravosburg—
 Marshall, A. W.
 Drexel Hill—
 Clarkson, R. C., Jr.
 Cornellus, G. E.
 Culbert, W. P.
 Mather, H. H.
 Metz, G. N.
 Dunbar—
 Sherwood, L. T.
 Easton—
 Moulds, T. D.
 East Pittsburgh—
 Hazlett, T. L.
 Penney, G. W.
 Elizabethtown—
 Dibble, S. F.
 Erie—
 Meyers, C. F.
 Forty Fort—
 McGown, F. H., Jr.
 Glenmoore—
 Gant, H. P.
 Glenside—
 Childs, L. A.
 Macfarlan, N. S.
 McElgin, J. W.
 Tucker, L. A.
 Greenville—
 Hunt, M.
 Harrisburg—
 Eicher, H. C.
 Geiger, I. H.

Arnold, K. S.
 Hershey—
 Snavely, A. B.
 Irwin—
 Cost, G. W.
 Jenkintown—
 Buck, L.
 Johnstown—
 Hunter, L. N.
 Kingston—
 Macdonald, D. B.
 Lancaster—
 Jones, A.
 Lloyd, E. C.
 Wetzal, P. H.
 Lanadowne—
 Ackermann, R. H.
 James, H. R.
 Seltzer, P. A.
 Lewisburg—
 Wildman, E. L.
 Macunglio—
 Sigmaster, J. W.
 Manheim—
 Wetzal, C. B.
 McKeesport—
 Dugan, T. M.
 Middletown—
 Locke, R. A.
 Milton—
 Mohn, H. L.
 Morrisville—
 Gavin, J. A.
 Mt. Lebanon—
 Hach, E. C.
 Narbeth—
 Searle, W. J., Jr.
 Smith, W. F.
 Wilnot, C. S.
 New Hope—
 Davidson, P. L.
 New Kensington—
 Edwards, J. D.
 Shearer, W. A., Jr.
 Oxford—
 Ware, J. H., III
 Philadelphia—
 Ahlf, A. A.
 Buchman, F.
 Barnard, M. E.
 Barr, G. W.
 Bartlett, C. E.
 Bates, J. H.
 Beach, R. L.
 Berlet, E. J., Jr.
 Black, E. N., III
 Black, H. C.
 Blankin, M. F.
 Bogaty, H. S.
 Bornemann, W. A.
 Borton, A. R.
 Broome, J. H.
 Caldwell, A. C.
 Church, L. M.

Daffin, A. H.
 Davidson, H. C.
 D'Amby, A. C.
 Dietz, C. F.
 Dome, A. G.
 Donovan, W. J.
 Elliot, E.
 Erickson, H. H.
 Falkenbacher, H. J.
 Farrington, S. E.
 Goff, J. A.
 Goldner, H. W.
 Hedges, H. B.
 Hucker, J. H.
 Hunger, R. F.
 Hutchinson, J. E.
 Ickeringill, J. C.
 Jacobsen, K. C. S.
 Johnson, A. J.
 Keeling, F. V.
 Kelble, F. R.
 Kirkbride, J. O.
 Kriebel, A. E.
 Ladd, D.
 Landau, M.
 Lee, R. J.
 Leopold, C. S.
 Light, J. C.
 Lyon, P. S.
 Mack, L.
 Macrow, L.
 Martocello, J. A.
 McCormack, D.
 McCullough, H. G.
 Melville, J. H.
 Mellon, J. T. J.
 Meloney, E. J.
 Mensing, F. D.
 Moody, L. E.
 Morgan, R. C.
 Murdoch, J. P.
 Nesbitt, A. J.
 Nusbaum, L.
 Nusbaum, S. R.
 Parent, H. M.
 Pfeiffer, F. F.
 Plewes, S. E.
 Powell, G. W. Jr.
 Powers, E. C.
 Prewitt, H. B.
 Prybil, P. L.
 Rainey, W.
 Redstone, A. L.
 Rettew, H. F.
 Roberts, E. F. Jr.
 Roberts, H. L.
 Robertson, A. M.
 Rugart, K.
 Sabin, E. R.
 Scott, W. S.
 Semel, E.
 Sheffer, M.
 Smiles, R. H.
 Smith, D. J.
 Speckman, C. H.
 Thompson, P. J.
 Timmis, P.
 Touton, R. D.
 Traugott, M.
 Tuckerman, G. E.
 Wagner, E. K.
 Wegmann, A.
 Wells, W. F.
 Werner, P. H.
 Whitney, C. W.
 Wiley, D. C.
 Willberger, C. F.
 Woolston, R. H.
 Pittsburgh—
 Allen, W. A.
 Baker, W. H. Jr.
 Beigel, H. A.
 Booker, J. W.

Hunter, N. S.
 Hutter, J. S.
 Russell, S. D.
 Campbell, T. F.
 Cheestman, E. W.
 Collins, J. F. S. Jr.
 Comstock, G. M.
 Cosperman, E. J.
 Daly, R. E.
 Dickinson, R. F. Jr.
 Dorfan, M. I.
 Edwards, P. A.
 Good, C. S.
 Hebley, H. F.
 Hecht, F. H.
 Heisman, R. H.
 Humphreys, C. M.
 Hyde, E. H.
 Jones, L. K.
 Kirkendall, H. J.
 Langan, J.
 Little, R.
 Loucks, D. W.
 Maschling, L. S.
 Maler, G. M.
 McCullough, J. L.
 McGonagle, A.
 McIntosh, F. C.
 Metzger, A. F.
 Miller, R. A.
 Minor, J. E.
 Moore, H. L.
 Mueller, J. E.
 Nass, A. F.
 Park, H. E.
 Peacock, G. S.
 Prole, J.
 Reed, V. A. Jr.
 Rellly, B. B.
 Riesack, W. L.
 Riesmeyer, E. H. Jr.
 Rockwell, T. F.
 Rose, H. J.
 Ross, D. S.
 Schneider, C. H.
 Sheppard, W. K.
 Sher, A. I.
 Simpson, G. L.
 Small, B. R.
 Smyers, E. C.
 Snyder, E. J.
 Speller, F. N.
 Stanger, R. B.
 Stevenson, W. W.
 Strauch, P. C.
 Sweeney, R. H.
 Tennant, R. J. J.
 Thayer, H. H.
 Tillotson, J. J.
 Tower, E. S.
 Waters, G. G.
 Weddell, G. O.
 Pottstown—
 Harberger, G. L.
 Primos—
 King, J. S.
 Reading—
 Corbit, C. A.
 Luck, A. W.
 Ridley Park—
 Mawby, P.
 Scranton—
 Gilboy, J. P.
 Mahon, B. B.
 Springdale—
 Lynn, F. E.
 Springfield—
 Grossman, H. E.

Wilson, A. M.
 Wright, C. C.
 Stroudsburg—
 Klefer, E. J.
 Swarthmore—
 Hobbs, W. S.
 Robinson, A. S.
 Thom, G. B.
 Uniontown—
 Marks, A. A.
 Upper Darby—
 Bertrand, G. F.
 Burritt, E. E. Jr.
 Kipe, J. M.
 Frotheroe, R. A.
 Villanova—
 Morehouse, J. S.
 Washington—
 Fraser, J. E.
 Washington Crossing
 Pryor, A. S.
 Wayneboro—
 Alvarez, J.
 Wilkesburg—
 Biber, H. A.
 Hershey, A. E.
 Williamsport—
 Axeman, J. E.
 Wyomissing—
 Reese, H. L.
 York—
 Dubois, L. J.
 Mirabile, J. J.
 Nicoll, S. F.
 Walsh, E. R. Jr.
 Zieber, W. E.
 RHODE ISLAND
 Newport—
 Morse, L. S. Jr.
 Providence—
 Blanding, R. I.
 Coleman, J. B.
 Essley, H. A.
 Gibbs, E. W.
 Hartwell, J. C.
 Schoerner, R. T.
 SOUTH CAROLINA
 Charleston—
 Bailey, F. A. Jr.
 Columbia—
 Martin, W. R. Jr.
 Herty, F. B.
 Kerr, W. E.
 Laning, B. A.
 Ft. Jackson—
 Sloane, D. J.
 Greenville—
 Ramseur, V. D. Jr.
 Parris Island—
 Lyon, D. M.
 Sumter—
 Warren, R. M. Jr.

LONG—
 Patten, R. R.
 Sioux Falls—
 Monick, F. R.
 TENNESSEE
 Brentwood—
 Armistead, W. C.
 Bristol—
 Torok, E.
 Chattanooga—
 Campbell, G. S.
 Donelson—
 Wilson, V. H.
 Johnson City—
 Lautz, F. A.
 Kingsport—
 Herbert, J. S.
 Knoxville—
 Addington, H. M.
 Cross, F. G.
 Helfmers, C. C. Jr.
 Oakley, L. W.
 Memphis—
 Campbell, A. O. Jr.
 Danielson, W. A.
 Flinn, J. D.
 Hoshall, R. H.
 Nolan, J. J.
 O'Brien, T. J.
 Shelby, A. W.
 Thorpe, W. E.
 Nashville—
 Brown, F.
 Campbell, R. P.
 Fly, E. P.
 Hill, E. Jr.
 Norte, W. R.
 Rheault, W. E.
 Oak Ridge—
 Kegarise, R. R.
 Traynor, H. S.
 TEXAS
 Amarillo—
 Burnett, E. S.
 Beaumont—
 Shell, J.
 Bryan—
 Siles, G. S.
 Camp Howze—
 Clow, S. A.
 College Station—
 Giesecke, F. E.
 Hopper, J. S.
 Long, W. E.
 Smith, E. G.
 Columbus—
 Rhine, G. R.
 Corpus Christi—
 Holsworth, R. C.
 Dallas—
 Allison, R. E.
 Anspacher, T. H.
 Ashcraft, J. P.

Carroll, W. M.
Cattlett, W. A.
Cox, V. G.
Diney, M. A.
Dowdell, J. R.
Farrow, E. E.
Gamutill, O. E., Jr.
Gardner, C. R.
Gessell, E. T.
Gilbert, L. S.
Harrington, D. W.
Jellinek, F. R.
Jones, H. L.
Kribs, C. L., Jr.
Martyn, H. J.
Matthews, R. R.
McClanahan, L. C.
McLeod, C. H.
Moler, W. H.
Nation, O.
Newby, I. P.
Pfeiffer, D. C.
Pines, S.
Ray, J. A.
Rodgers, F. A.
Stern, E. J.
Stone, A. A.
Tate, H. L.
Townsend, J. M.
Ulrich, A. E., Jr.
Warren, H. P.
Weatherby, E. P., Jr.
Woods, C. F.
Young, C. C.
Zumwalt, R.

Denison—
Linskie, G. A.
Ft. Sam Houston—
Bernard, E. L.

Ft. Worth—
Edwards, C. E.
Ellis, G. W.
MacEachin, G. C.
Marshall, M. E.
Miller, B.
Werner, R. K.

Foster Field—
Tuthill, A. F.

Galveston—
Norris, W. P.

Garland—
Badgett, W. H.

Houston—
Andrews, W. M.
Banowsky, A. B.
Barnes, A. F.
Brandt, F. C.
Brown, M. W.
Chase, A. M., Jr.
Cooper, D. S.
Dickson, D. R.
Etie, W. R.
Fisher, B. P.
Green, S. H.
Greenwood, L. D.
Hill, C. F.
Howell, L.
Johnson, R. B.
McKinney, C. A.
McKittrick, W. D.
Mills, D. M.
Mitchell, A. J.
Morrow, J. D.
Olson, G. E.
Taylor, R. F.
Walsh, J. A.
Way, W. J., II

Clemens, J. D.
Lubbock—
Ainsworth, S. E.
Herbert, R. M.
Marshall—
Knepper, H. H.
San Antonio—
Barnes, R. W.
Benham, F. C., Jr.
Dillender, E. A.
Diver, M. L.
Ebert, W. A.
Pawket, L. S.
Rummel, A. J.
Shafer, W. P., Jr.
Sturner, D. S.
Texarkana—
Perkins, R. C.
Weatherford—
Hughes, S.
Wichita Falls—
Pettit, E. N., Jr.

UTAH

Holladay—
McLouth, B. F.
Logan—
Wangsgaard, D.
Ogden—
Young, J. T., Jr.
Provo—
Selig, E. T., Jr.
Salt Lake City—
Cockins, W. W.
Richardson, H. G.

VERMONT

Burlington—
Lanou, J. E.
Woodstock—
Ambrose, A. H.

VIRGINIA

Alexandria—
Ammerman, C. R.
Broderick, E. L.
Fogg, J. H.
Gault, G. W.
Goergens, A. G.
Hart, J. H.
Norrington, W. L.
Pactz, G. A.
Porter, C. W.
Roach, E. R.

Arlington—
Achenbach, P. R.
Bartels, E. M.
Berres, D. S.
Cover, R. R.
Grimes, F. M.
Heindel, R. A.
Iverstrom, C.
Killian, W. J.
Kolakoski, R.
Leland, W. B.
Lively, G. P.
Luttrell, L. W.
MacGregor, C. M.
Marshall, W. D.

Timmis, W. W.
Whittlesey, W. C.
Camp Peary—
Spitzley, J. H.
Charleston—
Rosenblatt, A. M.
Danville—
Farley, W. S.
Jones, H. S.
Falls Church—
Koster, H. H.
Ley, R. B.
Phillips, W. L.

Front Royal—
Hartsok, G. S., Jr.
Noord, D. F.
Langley Field—
Iblson, J. L.
Lynchburg—
Doering, F. L.
Franklin, S. H., Jr.

Matosca—
Cropper, R. O.
McLean—
Nye, L. B., Jr.

Norfolk—
Brewer, F. M.
Jordy, J. J.
Miller, F. T. J.
Nowitzky, H. S.
Thomas, R. C.
Webster, W. H., Jr.
Williams, G. E.

Portsmouth—
Bensinger, M.
Cary, E. B.
Rosenberg, I.
Sterne, C. M.
Stubbs, W. C.

Richmond—
Carle, W. E.
Johnston, J. A.
Peebles, J. K., Jr.
Schulz, H. I.
West, C. H., Jr.

Roanoke—
Bailey, A. E., Jr.

Williamsburg—
McGinnis, F. L.

Windsor—
Bailey, C. F.

WASHINGTON

Anacortes—
Hanthorn, W.

Bremerton—
Bakke, G. V.
Byson, L. L.
Dahl, L. J.
Dominy, C. B.
Naman, I. A.
Smith, C. F., Jr.

Ft. Lewis—
Pellmounter, T. V.

Longview—
Pauley, R. D.
Parkland—
Norby, K. H.
Port Angeles—
Clark, A. C.
Seattle—
Barnum, W. B., Jr.
Beggs, W. E.
Conrad, R.
Cox, W. W.
Eastwood, E. O.
Faulkner, J. H.
Finn, C. W.
Forderbruggen, K. J.
Granston, R. O.
Griffin, D. C.
Hauan, M. J.
Langdon, E. H.
Lechnits, R. W.
LeRiche, R. E.
Malls, W.
Marvin, J. H.
May, C. W.
Morse, R. D.
Muggrave, M. N.
Peterson, S. D.
Pollard, A. L.
Rogers, C. S.
Rosen, E. J.
Rudolph, R. R.
Sparks, J. D.
Twist, C. F.
Wallis, W. M.
Watt, R. D.
Weber, E. L.
Wesley, R. O.
Williams, L. G.

Spokane—
Bunnell, E. W.
Kelly, J. C.
Stengel, F. J.

Tacoma—
Chase, R. E.
Foote, E. E.
Spofforth, W.

Wenatchee—
Clausen, A. H.
Segle, T. L.

Westport—
Watson, G. M.

WEST VIRGINIA

Charleston—
Puch, D. C.
Shanklin, J. A.

Fairmont—
Tonry, R. C.
Wright, C. E.

Huntington—
Johnson, L. O.

Largent—
Donnelly, J. A.

Parkersburg—
Bartels, C. J.

WISCONSIN

Chippewa Falls—
Walton, C. W., Jr.

Elm Grove—
 Winkler, R. A.
 Kenosha—
 Lee, J. A.
 Lake Delton—
 Page, H. W.
 Kohler—
 Hvoslef, F. W.
 LaCrosse—
 Anderegg, R. H.
 Goodman, W.
 Rowe, W. A.
 Trane, R. N.
 Madison—
 Dean, C. L.
 Feirn, W. H.
 Hall, C.
 Kleidoth, M. H.
 Larson, G. L.
 Nelson, D. W.
 Seymour, J. E.
 White, J. C.
 Manitowoc—
 Driemeyer, R. C.
 Bishop, M. W.
 Marshfield—
 Himsel, S. R.
 Milwaukee—
 Alfery, H. F.
 Allan, W.
 Barlow, F. J.
 Blanchard, N. M.
 Boden, W. F.
 Bowers, A. F.
 Butler, C. R.
 Cutler, J. A.
 Davis, D. W., Jr.
 Ellis, H. W.
 Frentzel, H. C.
 Gerstenberger, E. J.
 Gifford, E. W.
 Goldsmith, F. W.
 Griewisch, A. H.
 Hamacher, K. F.
 Hamilton, H. S.
 Hanley, E. V.
 Haus, I. J.
 Heasler, L. W.
 Hoffmann, A.
 Holland, W. T.
 Hughey, T. M.
 Jackson, C. H.
 Jung, J. S.
 Kluge, B. M.
 Knab, E. A.
 Koch, R. G.
 Krenz, A. S.
 Lavorgna, M. L.
 Leinberger, R. J. P.
 Lingen, R. A.
 Mack, E. H.
 Miller, C. W.
 Miller, L. B.
 Mueller, H. P.
 Noll, W. F.
 Nunlist, F. J., Jr.
 Petersen, R. H.
 Podolske, A. R.
 Pride, H. K.
 Randolph, C. H.
 Reinke, L. F.
 Rice, C. J.
 Schreiber, H. W.
 Spence, M. R.
 Stevens, W. H.

Vernon, R.
 Volk, G. H.
 Volk, J. H.
 Well, F. H. E.
 Welner, F. G.
 Wolfe, J. S.
 Zintel, G. V.
 Neenah—
 Angermeyer, A. H.
 Appert, R. J.
 Ellis, R. M.
 Harvey, A. D.

Racine—
 Dixon, A. G.
 Donelson, W. N.
 Johnson, R. L.
 Minkler, W. A.
 Spielh, B.

Sturgeon Bay—
 Menden, P. J.

Superior—
 Jarvis, G. E.

Thiensville—
 Trostel, O. A.

Wauwatosa—
 Eicholtz, M. V.

WYOMING

Cheyenne—
 Brickham, N. H.

ALASKA

Dutch Harbor—
 Austin, W. H.

Fairbanks—
 Small, R. A.

Nome—
 McDermott, J. P.

CANAL ZONE

Curundu—
 Boxall, F.

HAWAII

Honolulu—
 Conger, H. L.
 Holman, E. L.

PUERTO RICO

San Juan—
 Ruemmel, A. M.

DOMINION OF CANADA

Arvida, Que.—
 Kent, A. D.

Brantford, Ont.—
 Armour, E. G.

Calgary, Alta.—
 Deeves, E. W.
 Jenkins, S. D.

Cap de la Madeleine,
 Que.—
 Gurney, B. R.

Chatham, Ont.—
 Carter, A. W.

Clarkson, Ont.—
 Hatch, G.

Freeman, Ont.—
 Goodram, W. E.

Galt, Ont.—
 Libby, R. S.
 Sheldon, W. D., Jr.

Halifax, Nova Scotia—
 Meagher, A. T.

Hamilton, Ont.—
 Dickenson, M. E.
 Izatt, G. S.
 Moffat, O. G.

Hampstead, Que.—
 Montgomery, E. G.

Ingersoll, Ont.—
 Wood, A. W.

Kelington, Ont.—
 Smith, W. H.
 Wilson, G. T.

Kitchener, Ont.—
 Beavers, G. R.
 Pollock, C. A.

Lachine, Que.—
 Baxter, W. E.

Leaside, Ont.—
 Norton, J. A.

Midland, Ont.—
 Kitchen, W. H. J.

Montreal, Que.—
 Andrews, W. R.
 Ballantyne, G. L.
 Berridge, W. W.

Boland, R. O.
 Booth, C. A.
 Colle, S. S.

Chenevert, J. G.
 Darling, A. B.

Dion, A. M.
 Dufault, F. H.

Dupuis, J. E. R.
 Dykes, J. B.

Ewens, F. G.
 Flanagan, J. B.

Forrester, N. J.
 Freeman, E. M.

Friedman, F. J.
 Garneau, L.

Grossman, R.
 Hamlet, F. A.

Holt, W. G.
 Hood, L. A.

Hooper, F. W.
 Horsburgh, B. J.

Hughes, W. U.
 Johnson, C. W.

Keith, J. P.
 Linton, J. P.

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 Madely, F. J.

Martin, R.
 Milne, A. H.

Nathanson, M.
 Nickle, A. J.

Noyes, R. R.
 O'Connell, T. D.

Osborne, G. H.
 Pearl, A. M.

Perras, G. E.
 Phipps, F. G.

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 Poole, G. D.

Robertson, J. A. M.

Ste-Marie, G. P.
 Salter, S. W.
 Sampson, E. T.
 Shaw, J. A.
 Standing, R. A.
 Timmins, W. W.
 Twissell, E. W.
 Vollmann, C. W.
 Watta, A. E.
 Wiggs, G. L.
 Wilson, J.
 Wormley, R. F.
 Worthington, T. H.

Newton, Ont.—
 Barrett, C. M.

Noranda, Que.—
 MacLean, H. A.

North Bay, Ont.—
 Goodman, C. E.

Oakville, Ont.—
 Stott, F. W.

Ottawa, Ont.—
 Allen, A. W.

Bishop, J. W.
 Clapperton, R.

Colclough, O. T.
 Gauley, E. R.

Gray, G. A.
 Johns, C. F.

McGrath, T. E.
 Pennock, W. B.

Stotesbury, B.

Outremont, Que.—
 Gittleson, H.

Pointe Claire, Que.—
 Wells, E. E.

Preston, Ont.—
 Everest, R. H.

Quebec, Que.—
 Paquet, J.-M.

Roy, L.

Sackville, N. B.—
 Rand, F. R.

St. Catharines, Ont.—
 Calnan, E. J.

Gilbert, T.

St. Laurent, Que.—
 Lamontagne, A. F.

Ste. Rose, Que.—
 MacDermot, S. G.

Sherbrooke, Que.—
 Archambault, J. A.

Labonne, H.
 Thompson, F.

Toronto, Ont.—
 Abbott, T. J.

Alexander, S. W.
 Allsop, R. P.

Angus, H. H.
 Anthes, L. L.

Arrowsmith, J. O.
 Ballagh, A. B.

Baxter, H. A.
 Bayles, R. W.

Bellman, J. V.
 Blackhall, W. R.

Blake, A. H.
 Bowerman, E. L.

Brittain, A., Jr.

Christie, J. A.
Church, H. J.
Clark, A. M.
Clifton, J. A.
Cole, G. E.
Crump, S.
Davis, E. J.
Degillo, I.
Dickey, A. J.
Dowler, E. A.
Duncan, W. A.
Eaton, W. G. M.
Ellis, F. E.
Elsie, R. L.
Evans, W. H.
Fagan, I. E.
Fear, S. L.
Ferris, A. L.
Fitzsimons, J. P.
Foley, J. J.
Fox, E.
Fox, J. H.
Givin, A. W.
Gordon, C. W.
Gurney, E. H.
Henion, H. D.
Hill, H. G.
Hills, A. H.
Hopper, G. H.
Hughes, L. K.
Jenkinson, V. J.
Jenney, H. B.
Jennings, S. A.
Jones, A. T.
Kelly, F. C.
Kelly, W. C.
Kemp, G. C.
Kerr, R.
Lawlor, J. I.
Leitch, A. S.
Lock, R. H.
Macdonald, D. J.
Marriner, J. M. S.
Mathison, R. St. C.
Maxwell, R. S.
McDonald, I.
McKernan, C. S.
McLaren, J. H.
Moore, F. C.
Moore, H. S.
Morgan, A. S.
Murray, H. G. S.
Nearingburg, A.
Neilans, J. L.
O'Neill, J. W.
Palmer, C. N.
Paul, D. I.
Peterkin, S. M.
Philip, W.
Playfair, G. A.
Price, D. O.
Ritchie, A. G.
Roth, H. R.
Shears, M. W.
Smith, G. E.
Spall, E. G.
Steele, R. A.
Stott, D. A.
Strain, A. J.
Taylor, A. R.
Thomas, M. F.
Thompson, J.
Todd, M. M.
Usher, W. J. Jr.
Waldon, C. D.
Wardell, A.
Woolford, M. S.

Trois-Rivieres, Que.-
Germain, G.

Vancouver, B. C.--
Hale, F. J.
Johnston, R. E.
Leck, C. W.

Turland, C. H.
Vlasac, G. A.

Victoria, B. C.--
Sheret, A.

Westmount, Que.--
Armstrong, W. J.
Colford, J.
Lefebvre, E. J.
Wilkinson, A.

Weston, Ont.--
Patterson, J. L.

Windsor, Ont.--
Kearn, J.

Winnipeg, Man.--
Anderson, E.
Argue, E. J.
Ball, F. T.
Charles, P. L.
Chester, F. L.
Dahlgren, G. E.
Davis, G. C.
Glass, R.
Glass, W.
Hatch, O. J.
Hepburn, E. M.
Jones, B. G.
Kent, R. L.
McCallum, A. W.
Michie, D. F.
Miller, E. R.
Moore, R. E.
Moss, A. W.
Novolansky, S. I.
Price, E. H.
Saunders, D. G.
Steele, J. B.
Stephenson, J. R.
Swain, D. S.
Weir, F. F.
Worton, W.

Woodbridge, Ont.--
Powlesland, J. W.

Woodstock, Ont.--
Karges, A.

AUSTRALIA

Darlinghurst--
Henderson, A. S.

Melbourne--
Bell, S. R.
Ross, R.

Sydney--
Davey, G. I.
Maloney, R. R.
Robinson, J. A.
Roseby, T. A.

Victoria--
Atherton, A. E.

BRAZIL

Rio de Janeiro--
Botelho, N. J.
Burns, F. G.
DeSaks, M. Jr.
Rabe, A. E.

CHILE

Santiago--
Demeter, J.

CUBA

Havana--
Colmenares, G. V.

Cairo--
Brakha, M. V.
Ezz-El-Din, K.
Tahry, M. E.
Zaki, H. M.

ENGLAND

Birmingham--
Greenland, S. F.
Richardson, R. D.

Buckinghamshire--
Russell, J. N.

Cheshire--
Cupitt, R.
Kennett, V. A.

Essex--
Richardson, W. A.

Hertfordshire--
Purdue, F.

Kent--
Lipcombe, H. W. J.
Pasteur, H. W.
Stirling, W. N.

Lancaster--
Bartley, H. E.

Leeds--
Jennins, H. H.

London--
Benham, C. S. K.
Butt, R. E. W.
Daniel, W. E.
Haden, G. N.
Haden, W. N.
Herring, E.
Hole, K. W.
Jackson, G. R.
Morrison, C. B.
Nobbs, W. W.
Troup, J. D.
Swain, W. L.
Watts, L. C.

Manchester--
Pougher, B. R. E.
Pougher, E. W.
Shilton, R. A.
Webb, J. W.
Yates, W.

Middlesex--
Case, W. G.
Fraser, J. J.
Happerfield, G. J.
Harvey, J. W.
MacLachlan, V. D.
Pearce, E. A.
Smith, G. E.

Nottingham--
Norfolk, L. W.

South Wales--
Davies, R. H.

Surrey--
Chatfield, A. J.
Harding, W.

Sussex--
Carter, D.

Warwickshire--
How, C. P.
Mann, W. N.

Bombay--
Badde, J. M.
Duplant, J. L.

Calcutta--
Ghose, K. N.
Ghosh, B. B.

IRELAND

Cork--
Barry, P. I.

Dublin--
Leonard, L. C. G.

MEXICO

Mexico, D. F.--
Huber, E.
Ramoned, E.

NEW ZEALAND

Christchurch--
Taylor, E. M.
Vale, H. A. L.

Macandrew Bay--
Davies, G. W.

SOUTH AFRICA

Cape Town--
Daltsh, A.

Durban--
Christerson, C. A.

Johannesburg--
Caldwell, R. J. S.
Overton, S. H.
Ehlers, J.

SWEDEN

Nockby--
Erikson, H. A.

Stockholm--
Eklund, K. G.
Ostrom, E. W.
Rosell, A. F.
Stromgren, S. G.
Theorell, H. G. T.

TURKEY

Istanbul--
Karakash, T. J.

VENEZUELA

Caracas--
Blas, R. J.
Westendarp, F. G.

MAIL RETURNED

Beaurienne, A.
Bodmer, E.
Chase, R. E., Jr.
Hausman, L. M.
Hutchinson, F. A.
Kwan, I. K.
Loo, P. Y.
Lyford, R. G.
Macrae, R. B.
Muckle, J.
Tracy, W. E.
Tutsch, R. J.
vonRosenberg, P.
Wong, W. S. B.

1895
President, Stewart A. Jellett
1st Vice-President, Wm. M. Mackay
2nd Vice-President, Chas. E. Onderdonk
3rd Vice-President, D. M. Quay
Treasurer, Judson A. Goodrich
Secretary, L. H. Hart

Board of Managers
Chairman, James A. Harding
Members, H. Conih, Ulysses G. Scollay, Wm. McMannis, B. F. Stangland, Stewart A. Jellett, Pres. L. H. Hart, Secy.

Council
Chairman, R. C. Carpenter
Members, Henry Adams, Edward P. Bates, Albert A. Cryer, Secy.

1896
President, R. C. Carpenter
1st Vice-President, D. M. Quay
2nd Vice-President, Edward P. Bates
3rd Vice-President, F. W. Foster
Treasurer, Judson A. Goodrich
Secretary, L. H. Hart

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Chairman, Wm. M. Mackay
Members, Hugh I. Barron, Stewart A. Jellett, V. S. Hadaway, Jr., Wiltale F. Wolfe, L. C. Carpenter, Pres. L. H. Hart, Secy.

Council
Chairman, A. A. Cary
Members, Albert A. Cryer, B. F. Stangland, Wm. McMannis, J. J. Blackmore, Secy.

1897
President, Wm. M. Mackay
1st Vice-President, H. D. Crane
2nd Vice-President, Henry Adams
3rd Vice-President, A. E. Kenrick
Treasurer, Judson A. Goodrich
Secretary, H. M. Sweetland

Board of Managers
Chairman, R. C. Carpenter
Members, Edward P. Bates, Stewart A. Jellett, V. S. Hadaway, Jr., Wiltale F. Wolfe, Wm. M. Mackay, Pres. H. M. Sweetland, Secy.

Council
Chairman, Albert A. Cryer
Members, John A. Fish, James Mackay, Wm. McMannis, B. F. Stangland

1898
President, Wm. M. Mackay
1st Vice-President, H. D. Crane
2nd Vice-President, Henry Adams
3rd Vice-President, A. E. Kenrick
Treasurer, Judson A. Goodrich
Secretary, H. M. Sweetland

Board of Managers
Chairman, R. C. Carpenter
Members, Edward P. Bates, Stewart A. Jellett, V. S. Hadaway, Jr., Wiltale F. Wolfe, Wm. M. Mackay, Pres. H. M. Sweetland, Secy.

Council
Chairman, Albert A. Cryer
Members, John A. Fish, James Mackay, Wm. McMannis, B. F. Stangland

1899
President, Henry Adams
1st Vice-President, D. M. Quay
2nd Vice-President, A. E. Kenrick
3rd Vice-President, Francis A. Williams
Treasurer, Judson A. Goodrich
Secretary, Wm. M. Mackay

Board of Managers
Chairman, Stewart A. Jellett
Members, B. H. Carpenter, Wm. Kent, A. A. Cary, Wiltale F. Wolfe, Henry Adams, Pres. Wm. M. Mackay, Secy.

Council
Chairman, R. C. Carpenter
Members, Henry Adams, Edward P. Bates, Albert A. Cryer, Secy.

1899
President, Henry Adams
1st Vice-President, D. M. Quay
2nd Vice-President, A. E. Kenrick
3rd Vice-President, Francis A. Williams
Treasurer, Judson A. Goodrich
Secretary, Wm. M. Mackay

Board of Managers
Chairman, Stewart A. Jellett
Members, B. H. Carpenter, Wm. Kent, A. A. Cary, Wiltale F. Wolfe, Henry Adams, Pres. Wm. M. Mackay, Secy.

Council
Chairman, R. C. Carpenter
Members, Henry Adams, Edward P. Bates, Albert A. Cryer, Secy.

1900
President, D. M. Quay
1st Vice-President, A. E. Kenrick
2nd Vice-President, Francis A. Williams
Treasurer, Judson A. Goodrich
Secretary, Wm. M. Mackay

Board of Governors
Chairman, D. M. Quay
Members, Wm. Kent, Vice-Chm., D. M. Nesbit, R. C. Carpenter, C. B. J. Snyder, John Gormly, Wm. M. Mackay, Secy.

1901
President, J. H. Kinealy
1st Vice-President, A. E. Kenrick
2nd Vice-President, Andrew Harvey
Treasurer, Judson A. Goodrich
Secretary, Wm. M. Mackay

Board of Governors
Chairman, J. H. Kinealy
Members, Wm. Kent, Vice-Chm., John Gormly, R. C. Carpenter, C. B. J. Snyder, R. P. Bolton, Wm. M. Mackay, Secy.

1902
President, J. H. Kinealy
1st Vice-President, A. E. Kenrick
2nd Vice-President, Andrew Harvey
Treasurer, Judson A. Goodrich
Secretary, Wm. M. Mackay

Board of Governors
Chairman, J. H. Kinealy
Members, Wm. Kent, Vice-Chm., John Gormly, R. C. Carpenter, C. B. J. Snyder, R. P. Bolton, Wm. M. Mackay, Secy.

1903
President, J. H. Kinealy
1st Vice-President, A. E. Kenrick
2nd Vice-President, Andrew Harvey
Treasurer, Judson A. Goodrich
Secretary, Wm. M. Mackay

Board of Governors
Chairman, J. H. Kinealy
Members, Wm. Kent, Vice-Chm., John Gormly, R. C. Carpenter, C. B. J. Snyder, R. P. Bolton, Wm. M. Mackay, Secy.

1904
President, J. H. Kinealy
1st Vice-President, A. E. Kenrick
2nd Vice-President, Andrew Harvey
Treasurer, Judson A. Goodrich
Secretary, Wm. M. Mackay

Board of Governors
Chairman, J. H. Kinealy
Members, Wm. Kent, Vice-Chm., John Gormly, R. C. Carpenter, C. B. J. Snyder, R. P. Bolton, Wm. M. Mackay, Secy.

1905
President, J. H. Kinealy
1st Vice-President, A. E. Kenrick
2nd Vice-President, Andrew Harvey
Treasurer, Judson A. Goodrich
Secretary, Wm. M. Mackay

Board of Governors
Chairman, J. H. Kinealy
Members, Wm. Kent, Vice-Chm., John Gormly, R. C. Carpenter, C. B. J. Snyder, R. P. Bolton, Wm. M. Mackay, Secy.

1902

President.....A. E. Kenrick
 1st Vice-President.....Andrew Harvey
 2nd Vice-President.....Robert C. Clarkson
 Treasurer.....Judson A. Goodrich
 Secretary.....Wm. M. Mackay

Board of Governors

Chairman, A. E. Kenrick
 John Gormly, Vice-Chm. J. H. Kinealy
 R. C. Carpenter C. B. J. Snyder
 Wm. Kent Wm. M. Mackay, Secy.

1907

President.....C. B. J. Snyder
 1st Vice-President.....James Mac
 2nd Vice-President.....Wm. G. S
 Treasurer.....Ulysses G. Sco
 Secretary.....Wm. M. Mac

Board of Governors

Chairman, C. B. J. Snyder
 James Mackay, Vice-Chm. Frank K. Chew
 R. E. Atkinson A. B. Franklin
 R. C. Carpenter Wm. G. Snow
 Edmund F. Capron Wm. M. Mackay, S

1903

President.....H. D. Crane
 1st Vice-President.....Wm. Kent
 2nd Vice-President.....R. P. Bolton
 Treasurer.....Judson A. Goodrich
 Secretary.....Wm. M. Mackay

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 C. B. J. Snyder, Vice-Chm. A. E. Kenrick
 R. C. Carpenter Geo. Mehrling
 John Gormly Wm. M. Mackay, Secy.

1908

President.....James Mac
 1st Vice-President.....Jas. D. Hoffi
 2nd Vice-President.....B. F. Stangl
 Treasurer.....Ulysses G. Sco
 Secretary.....Wm. M. Mac

Board of Governors

Chairman, James Mackay
 Jas. D. Hoffman, Vice-Chm. John F. Hale
 B. F. Stangland August Kehm
 R. C. Carpenter C. B. J. Snyder
 Frank K. Chew Wm. M. Mackay, S

1904

President.....Andrew Harvey
 1st Vice-President.....John Gormly
 2nd Vice-President.....Robert C. Clarkson
 Treasurer.....Ulysses G. Scollay
 Secretary.....Wm. M. Mackay

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Chairman, Andrew Harvey
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 Robert C. Clarkson A. E. Kenrick
 J. J. Blackmore C. B. J. Snyder
 R. C. Carpenter Wm. M. Mackay, Secy.

1909

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 1st Vice-President.....August K
 2nd Vice-President.....B. S. Harr
 Treasurer.....Ulysses G. Sco
 Secretary.....Wm. M. Mac

Board of Governors

Chairman, Wm. G. Snow
 August Kehm, Vice-Chm. Samuel R. Lewis
 John R. Allen James Mackay
 R. C. Carpenter B. F. Stangland
 B. S. Harrison Wm. M. Mackay, S

1905

President.....Wm. Kent
 1st Vice-President.....R. P. Bolton
 2nd Vice-President.....C. B. J. Snyder
 Treasurer.....Ulysses G. Scollay
 Secretary.....Wm. M. Mackay

Board of Governors

Chairman, Wm. Kent
 R. P. Bolton James Mackay
 C. B. J. Snyder B. F. Stangland
 B. H. Carpenter J. C. F. Trachsel
 A. B. Franklin Wm. M. Mackay, Secy.

1910

President.....Jas. D. Hoffi
 1st Vice-President.....R. P. Bo
 2nd Vice-President.....Samuel R. L
 Treasurer.....Ulysses G. Sco
 Secretary.....Wm. M. Mac

Board of Governors

Chairman, Jas. D. Hoffman
 R. A. Bolton, Vice-Chm. John F. Hale
 Geo. W. Barr Samuel R. Lewis
 R. C. Carpenter James Mackay
 Judson A. Goodrich Wm. M. Mackay, S

1906

President.....John Gormly
 1st Vice-President.....C. B. J. Snyder
 2nd Vice-President.....T. J. Waters
 Treasurer.....Ulysses G. Scollay
 Secretary.....Wm. M. Mackay

Board of Governors

Chairman, John Gormly
 C. B. J. Snyder, Vice-Chm. James Mackay
 R. C. Carpenter B. F. Stangland
 Frank K. Chew T. J. Waters
 A. B. Franklin Wm. M. Mackay, Secy.

1911

President.....R. P. Bo
 1st Vice-President.....John R. P
 2nd Vice-President.....A. B. Fran
 Treasurer.....Ulysses G. Sec
 Secretary.....Wm. W. Ma

Board of Governors

Chairman, R. P. Bolton
 John R. Allen, Vice-Chm. A. B. Franklin
 John T. Bradley Jas. D. Hoffman
 R. C. Carpenter August Kehm
 James H. Davis Wm. W. Macon, S

1912

President.....John R. Allen
 1st Vice-President.....John F. Hale
 2nd Vice-President.....Edmund F. Capron
 Treasurer.....James A. Donnelly
 Secretary.....Wm. W. Macon

Board of Governors

Chairman, John R. Allen
 John F. Hale, Vice-Chm.
 Edmund F. Capron
 L. P. Bolton
 as. D. Hoffman
 Dwight D. Kimball
 Samuel R. Lewis
 Wm. M. Mackay
 Wm. W. Macon, Secy.

1913

President.....John F. Hale
 1st Vice-President.....A. B. Franklin
 2nd Vice-President.....Edmund F. Capron
 Treasurer.....James A. Donnelly
 Secretary.....Edwin A. Scott

Board of Governors

Chairman, John F. Hale
 A. B. Franklin, Vice-Chm.
 John R. Allen
 Edmund F. Capron
 L. P. Bolton
 Frank T. Chapman
 Ralph Collamore
 James A. Donnelly
 Dwight D. Kimball
 Wm. W. Macon
 James M. Stannard
 Theodore Weinschank
 Edwin A. Scott, Secy.

1914

President.....Samuel R. Lewis
 1st Vice-President.....Edmund F. Capron
 2nd Vice-President.....Dwight D. Kimball
 Treasurer.....James A. Donnelly
 Secretary.....J. J. Blackmore

Council

Chairman, Samuel R. Lewis
 F. Capron, Vice-Chm.
 Dwight D. Kimball
 John R. Allen
 Frank T. Chapman
 Frank I. Cooper
 James A. Donnelly
 John F. Hale
 Harry M. Hart
 Frank G. McCann
 Wm. W. Macon
 James M. Stannard
 J. J. Blackmore, Secy.

1915

President.....Dwight D. Kimball
 1st Vice-President.....Harry M. Hart
 2nd Vice-President.....Frank T. Chapman
 Treasurer.....Homer Addams
 Secretary.....J. J. Blackmore

Council

Chairman, Dwight D. Kimball
 Harry M. Hart, Vice-Chm.
 Homer Addams
 Frank T. Chapman
 Frank I. Cooper
 E. Vernon Hill
 Wm. M. Kingsbury
 Samuel R. Lewis
 Frank G. McCann
 J. T. J. Mellon
 Henry C. Meyer, Jr.
 Arthur K. Ohmes
 J. J. Blackmore, Secy.

1916

President.....Harry M. Hart
 1st Vice-President.....Frank T. Chapman
 2nd Vice-President.....Arthur K. Ohmes
 Treasurer.....Homer Addams
 Secretary.....Casin W. Obert

Council

Chairman, Harry M. Hart
 T. Chapman, Vice-Chm.
 Homer Addams
 Charles R. Bishop
 Frank I. Cooper
 Milton W. Franklin
 Vernon Hill
 Dwight D. Kimball
 Henry C. Meyer, Jr.
 Arthur K. Ohmes
 Fred R. Still
 Walter S. Timmis
 Casin W. Obert, Secy.

1917

President.....J. Irvine Lyle
 1st Vice-President.....Arthur K. Ohmes
 2nd Vice-President.....Fred R. Still
 Treasurer.....Homer Addams
 Secretary.....Casin W. Obert

Council

Chairman, J. Irvine Lyle
 A. K. Ohmes, Vice-Chm.
 Homer Addams
 Davis S. Boyden
 Bert C. Davis
 Milton W. Franklin
 Charles A. Fuller
 J. Irvine Lyle
 Harry M. Hart
 E. Vernon Hill
 James M. Stannard
 Fred R. Still
 Walter S. Timmis
 Casin W. Obert, Secy.

1918

President.....Fred R. Still
 1st Vice-President.....Walter S. Timmis
 2nd Vice-President.....E. Vernon Hill
 Treasurer.....Homer Addams
 Secretary.....Casin W. Obert

Council

Chairman, Fred R. Still
 W. S. Timmis, Vice-Chm.
 Homer Addams
 William H. Driscoll
 Howard H. Fielding
 H. P. Gant
 C. W. Kimball
 J. Irvine Lyle
 E. Vernon Hill
 Frank G. Phlegley
 Fred. W. Powers
 Champlain L. Riley
 Casin W. Obert, Secy.

1919

President.....Walter S. Timmis
 1st Vice-President.....E. Vernon Hill
 2nd Vice-President.....Milton W. Franklin
 Treasurer.....Homer Addams
 Secretary.....Casin W. Obert

Council

Chairman, Walter S. Timmis
 E. Vernon Hill, Vice-Chm.
 Homer Addams
 Howard H. Fielding
 Milton W. Franklin
 Harry E. Gertish
 George B. Nichols
 Frank G. Phlegley
 Fred. W. Powers
 Robt. W. Pryor, Jr.
 Champlain L. Riley
 Fred R. Still
 Casin W. Obert, Secy.

1920

President.....E. Vernon Hill
 1st Vice-President.....Champlain L. Riley
 2nd Vice-President.....Jay R. McColl
 Treasurer.....Homer Addams
 Secretary.....Casin W. Obert

Council

Chairman, E. Vernon Hill
 C. L. Riley, Vice-Chm.
 Homer Addams
 Jos. A. Cutler
 Wm. H. Driscoll
 A. C. Edgar
 Alfred Kellogg
 Jay R. McColl
 George B. Nichols
 Robt. W. Pryor, Jr.
 W. S. Timmis
 Perry West
 Casin W. Obert, Secy.

1921

President.....Champlain L. Riley
 1st Vice-President.....Jay R. McColl
 2nd Vice-President.....H. P. Gant
 Treasurer.....Homer Addams
 Secretary.....Casin W. Obert

Council

Chairman, Champlain L. Riley
 Jay R. McColl, Vice-Chm.
 Homer Addams
 Jos. A. Cutler
 Samuel E. Dibble
 Wm. H. Driscoll
 H. P. Gant
 E. S. Hallett
 E. Vernon Hill
 Alfred Kellogg
 E. E. McNair
 Perry West
 Casin W. Obert, Secy.

1922

President Jay R. McColl
 1st Vice-President H. P. Gant
 2nd Vice-President Samuel E. Dibble
 Treasurer Homer Addams
 Secretary Casin W. Obert

Council

Chairman, Jay R. McColl
 H. P. Gant, Vice-Chm. L. A. Harding
 Homer Addams E. E. McNair
 Jos. A. Cutler H. J. Meyer
 Samuel E. Dibble C. L. Riley
 Wm H. Driscoll Perry West
 E. S. Hallett Casin W. Obert, Secy.

1923

President H. P. Gant
 1st Vice-President Homer Addams
 2nd Vice-President E. E. McNair
 Treasurer Wm. H. Driscoll
 Secretary Casin W. Obert

Council

Chairman, H. P. Gant
 Homer Addams Vice-Chm. E. S. Hallett
 W. H. Carrier Alfred Kellogg
 J. A. Cutler Thornton Lewis
 S. E. Dibble E. E. McNair
 Wm H Driscoll Perry West
 Casin W. Obert, Secy.

1924

President Homer Addams
 1st Vice-President S. E. Dibble
 2nd Vice-President William H Driscoll
 Treasurer Perry West
 Secretary F. C. Houghten

Council

Chairman, Homer Addams
 S. E. Dibble, Vice-Chm. W. E. Gillham
 F. Paul Anderson L. A. Harding
 W. H. Carrier Alfred Kellogg
 J. A. Cutler Thornton Lewis
 William H Driscoll Perry West
 H. P. Gant F. C. Houghten, Secy.

1925

President S. E. Dibble
 1st Vice-President Wm. H. Driscoll
 2nd Vice-President F. Paul Anderson
 Treasurer Perry West
 Secretary F. C. Houghten

Council

Chairman, S. E. Dibble
 Wm H Driscoll, Vice-Chm. W. T. Jones
 Homer Addams Thornton Lewis
 F. Paul Anderson J. H. Walker
 W. H. Carrier Perry West
 J. A. Cutler A. C. Willard
 W. E. Gillham F. C. Houghten, Secy.

1926

President W. H. Driscoll
 1st Vice-President F. Paul Anderson
 2nd Vice-President A. C. Willard
 Treasurer W. E. Gillham
 Secretary A. V. Hutchinson

Council

Chairman, W. H. Driscoll
 F. Paul Anderson, Vice-Chm. C. V. Haynes
 J. H. Carrier W. T. Jones
 J. A. Cutler E. B. Langenberg
 W. E. Gillham Thornton Lewis
 A. C. Willard J. F. McIntire

1927

President Paul Anderson
 1st Vice-President A. C. Willard
 2nd Vice-President Thornton Lewis
 Treasurer W. E. Gillham
 Secretary A. V. Hutchinson

Council

Chairman, F. Paul Anderson
 A. C. Willard, Vice-Chm. John Howatt
 H. H. Angus W. T. Jones
 W. H. Carrier J. J. Klusick
 W. H. Driscoll E. B. Langenberg
 Roswell Farnham Thornton Lewis
 H. H. Fielding J. F. McIntire
 W. E. Gillham H. Lee Moore
 C. V. Haynes F. B. Rowley

1928

President A. C. Willard
 1st Vice-President Thornton Lewis
 2nd Vice-President L. A. Harding
 Treasurer W. E. Gillham
 Secretary A. V. Hutchinson

Council

Chairman, A. C. Willard
 Thornton Lewis, Vice-Chm. C. V. Haynes
 F. Paul Anderson John Howatt
 H. H. Angus W. T. Jones
 W. H. Carrier J. J. Klusick
 N. W. Downes E. B. Langenberg
 Roswell Farnham J. F. McIntire
 W. E. Gillham H. Lee Moore

F. B. Rowley

1929

President Thornton Lewis
 1st Vice-President L. A. Harding
 2nd Vice-President W. H. Carrier
 Treasurer W. E. Gillham
 Secretary A. V. Hutchinson
 Technical Secretary P. D. Close

Council

Chairman, Thornton Lewis
 L. A. Harding, Vice-Chm. John Howatt
 H. H. Angus W. T. Jones
 W. H. Carrier E. B. Langenberg
 N. W. Downes G. L. Larson
 Roswell Farnham F. C. McIntosh
 W. E. Gillham W. A. Rowe
 C. V. Haynes F. B. Rowley

A. C. Willard

1930

President L. A. Harding
 1st Vice-President W. H. Carrier
 2nd Vice-President F. B. Rowley
 Treasurer C. W. Farrar
 Secretary A. V. Hutchinson
 Technical Secretary P. D. Close

Council

Chairman, L. A. Harding
 W. H. Carrier, Vice-Chm. John Howatt
 H. H. Angus W. T. Jones
 D. S. Boyden E. B. Langenberg
 R. H. Carpenter G. L. Larson
 J. D. Cassell Thornton Lewis
 N. W. Downes F. C. McIntosh
 Roswell Farnham W. A. Rowe
 C. W. Farrar F. B. Rowley

1931
 President.....W. H. Carrier
 1st Vice-President.....F. B. Rowley
 2nd Vice-President.....W. T. Jones
 Treasurer.....F. D. Mensing
 Secretary.....A. V. Hutchinson
 Technical Secretary.....P. D. Close
 Council
 Chairman, W. H. Carrier
 Vice-Chm., F. B. Rowley
 D. S. Boyden
 E. K. Campbell
 R. H. Carpenter
 J. D. Cassell
 E. O. Eastwood
 Roswell Farnham
 E. H. Gurney

1932
 President.....F. B. Rowley
 1st Vice-President.....W. T. Jones
 2nd Vice-President.....C. V. Haynes
 Treasurer.....F. D. Mensing
 Secretary.....A. V. Hutchinson
 Technical Secretary.....P. D. Close
 Council
 Chairman, F. B. Rowley
 Vice-Chm., W. T. Jones
 D. S. Boyden
 E. K. Campbell
 R. H. Carpenter
 W. H. Carrier
 John D. Cassell
 E. O. Eastwood
 Roswell Farnham
 F. E. Gleescke
 E. H. Gurney
 C. V. Haynes
 John Howatt
 G. L. Larson
 J. F. McIntire
 F. C. McIntosh
 F. D. Mensing
 W. A. Rowe
 W. E. Stark

1933
 President.....W. T. Jones
 1st Vice-President.....C. V. Haynes
 2nd Vice-President.....John Howatt
 Treasurer.....D. S. Boyden
 Secretary.....A. V. Hutchinson
 Council
 Chairman, W. T. Jones
 Vice-Chm., C. V. Haynes
 D. S. Boyden
 E. K. Campbell
 R. H. Carpenter
 J. D. Cassell
 E. O. Eastwood
 Roswell Farnham
 F. E. Gleescke
 E. H. Gurney
 John Howatt
 G. L. Larson
 J. F. McIntire
 F. C. McIntosh
 L. W. Moon
 F. B. Rowley
 W. E. Stark

1934
 President.....C. V. Haynes
 1st Vice-President.....John Howatt
 2nd Vice-President.....G. L. Larson
 Treasurer.....D. S. Boyden
 Secretary.....A. V. Hutchinson
 Council
 Chairman, C. V. Haynes
 Vice-Chm., John Howatt
 M. C. Beman
 D. S. Boyden
 Albert Buenger
 R. H. Carpenter
 J. D. Cassell
 F. E. Gleescke
 E. H. Gurney
 W. T. Jones
 G. L. Larson
 J. F. McIntire
 F. C. McIntosh
 L. Walter Moon
 O. W. Ott
 W. A. Russell
 W. E. Stark

1935
 President.....John Howatt
 1st Vice-President.....G. L. Larson
 2nd Vice-President.....D. S. Boyden
 Treasurer.....A. J. Offner
 Secretary.....A. V. Hutchinson
 Council
 Chairman, John Howatt
 Vice-Chm., G. L. Larson
 M. C. Beman
 D. S. Boyden
 Albert Buenger
 R. H. Carpenter
 J. D. Cassell
 F. E. Gleescke
 E. H. Gurney
 C. V. Haynes
 J. F. McIntire
 F. C. McIntosh
 L. Walter Moon
 A. J. Offner
 O. W. Ott
 W. A. Russell
 W. E. Stark

1936
 President.....G. L. Larson
 1st Vice-President.....D. S. Boyden
 2nd Vice-President.....E. H. Gurney
 Treasurer.....A. J. Offner
 Secretary.....A. V. Hutchinson
 Council
 Chairman, G. L. Larson
 Vice-Chm., John Howatt
 D. S. Boyden
 M. C. Beman
 R. C. Bolinger
 Albert Buenger
 S. H. Downs
 W. L. Fleisher
 F. E. Gleescke
 E. H. Gurney
 C. M. Humphreys
 L. Walter Moon
 J. F. McIntire
 A. J. Offner
 O. W. Ott
 W. A. Russell
 W. E. Stark

1937
 President.....D. S. Boyden
 1st Vice-President.....E. Holt Gurney
 2nd Vice-President.....J. F. McIntire
 Treasurer.....A. J. Offner
 Secretary.....A. V. Hutchinson
 Council
 Chairman, D. S. Boyden
 Vice-Chm., E. H. Gurney
 W. L. Fleisher
 J. J. Aeberly
 M. C. Beman
 R. C. Bolinger
 Albert Buenger
 S. H. Downs
 E. O. Eastwood
 W. E. Stark
 W. L. Fleisher
 F. E. Gleescke
 C. M. Humphreys
 G. L. Larson
 J. F. McIntire
 A. J. Offner
 W. A. Russell

1938
 President.....E. Holt Gurney
 1st Vice-President.....J. F. McIntire
 2nd Vice-President.....F. E. Gleescke
 Treasurer.....A. J. Offner
 Secretary.....A. V. Hutchinson
 Technical Secretary.....John James
 Council
 Chairman, E. Holt Gurney
 Vice-Chm., J. F. McIntire
 N. D. Adams
 J. J. Aeberly
 M. C. Beman
 R. C. Bolinger
 D. S. Boyden
 S. H. Downs
 E. O. Eastwood
 W. L. Fleisher
 F. E. Gleescke
 C. M. Humphreys
 A. P. Kratz
 A. J. Offner
 W. A. Russell
 J. H. Walker
 G. L. Wiggs

1939
 President.....J. F. McIntire
 1st Vice-President.....F. E. Gleescke
 2nd Vice-President.....W. L. Fleisher
 Treasurer.....M. F. Blankin
 Secretary.....A. V. Hutchinson
 Technical Secretary.....John James
 Council
 Chairman, J. F. McIntire
 Vice-Chm., F. E. Gleescke
 N. D. Adams
 J. J. Aeberly
 M. C. Beman
 M. F. Blankin
 E. K. Campbell
 S. H. Downs
 E. O. Eastwood
 W. L. Fleisher
 E. H. Gurney
 A. P. Kratz
 A. J. Offner
 W. A. Russell
 G. L. Tuve
 J. H. Walker
 G. L. Wiggs

1st Vice-President.....W. L. Fleisher
 2nd Vice-President.....E. O. Eastwood
 Treasurer.....M. F. Blankin
 Secretary.....A. V. Hutchinson
 Technical Secretary.....John James

Council

Chairman, F. E. Giesecke
 W. L. Fleisher, Vice-Chm. E. N. McDonnell
 N. D. Adams J. F. McIntire
 M. F. Blankin A. J. Offner
 E. K. Campbell G. L. Tuve
 J. F. Collins, Jr. T. H. Urdahl
 S. H. Downs J. H. Walker
 E. O. Eastwood G. L. Wiggs
 A. P. Kratz C.-E. A. Winslow

1st Vice-President.....M. F. Blankin
 2nd Vice-President.....S. H. Downs
 Treasurer.....E. K. Campbell
 Secretary.....A. V. Hutchinson
 Technical Secretary.....John James

Council

Chairman, E. O. Eastwood
 M. F. Blankin, Vice-Chm. A. J. Offner
 E. K. Campbell W. A. Russell
 J. F. Collins, Jr. L. P. Saunders
 S. H. Downs A. E. Stacey, Jr.
 W. L. Fleisher C. Tasker
 A. P. Kratz T. H. Urdahl
 E. N. McDonnell C.-E. A. Winslow
 L. G. Miller B. M. Woods
 F. C. McIntosh, Ex-Officio

1941

President.....W. L. Fleisher
 1st Vice-President.....E. O. Eastwood
 2nd Vice-President.....J. H. Walker
 Treasurer.....M. F. Blankin
 Secretary.....A. V. Hutchinson
 Technical Secretary.....John James

Council

Chairman, W. L. Fleisher
 E. O. Eastwood, Vice-Chm. A. J. Offner
 M. F. Blankin W. A. Russell
 E. K. Campbell L. P. Saunders
 J. F. Collins, Jr. C. Tasker
 S. H. Downs G. L. Tuve
 F. E. Giesecke T. H. Urdahl
 A. P. Kratz J. H. Walker
 E. N. McDonnell C.-E. A. Winslow
 A. E. Stacey, Jr., Ex-Officio

1943

President.....M. F. Blankin
 1st Vice-President.....S. H. Downs
 2nd Vice-President.....C.-E. A. Winslow
 Treasurer.....E. K. Campbell
 Secretary.....A. V. Hutchinson
 Technical Secretary.....Carl H. Flink

Council

Chairman, M. F. Blankin
 S. H. Downs, Vice-Chm. A. J. Offner
 E. K. Campbell W. A. Russell
 J. F. Collins, Jr. L. P. Saunders
 E. O. Eastwood A. E. Stacey, Jr.
 James Holt C. Tasker
 A. P. Kratz T. H. Urdahl
 E. N. McDonnell C.-E. A. Winslow
 L. G. Miller B. M. Woods
 C. M. Ashley, Ex-Officio