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**TWENTY-NINTH  
ANNUAL REPORT  
OF  
THE CONFERENCE BOARD**

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FOUNDED 1916

*"Above all things Truth beareth away the victory."*

**NATIONAL INDUSTRIAL CONFERENCE BOARD, INC.  
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TWENTY-NINTH  
ANNUAL REPORT  
OF  
THE CONFERENCE BOARD

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*July, 1945*



## FOREWORD

THIS record of the organization, accomplishments and growth of the National Industrial Conference Board during its twenty-ninth year may serve not merely to emphasize once more for its Associates and the public the strength and continuity of purpose and method that have marked the work of this institution since it was founded nearly a full generation ago. It may emphasize as well the intensified and expanded importance of that purpose in the period of profound and far-reaching change which lies ahead for America as for the rest of a war-wasted world.

Through almost thirty years of war, prosperity and depression, the Board's efforts and its faith have been steadfastly devoted to helping in the preservation, development and improvement in America of an economic order based on voluntary productive enterprise, carried forward under a political order founded on representative constitutional government and civil liberty. The Board has always believed that these principles of economic and political life provide the strongest safeguard of social welfare and national security and the greatest assurance of material prosperity and spiritual progress for the American people; and it has assumed, as it must, that all who have been associated with its work have shared the same clear conviction and sure confidence in them. With firm faith that they are finally confirmed and supported by the tested facts of human experience and scientific investigation, the Board's fundamental aim and method have always been to ascertain and assemble these facts objectively, to make them fully and widely known, and to promote in every possible way the intelligent and honest application of facts to all problems of public and private action which affect those principles.

Today, for all who share in this faith and this effort, the task is more difficult and more vital than ever before in the Board's history. In both public and private policy these principles are being challenged or repudiated, and the facts which support them ignored or denied. Deliberately by design, unknowingly through indifference, or unwillingly under compulsion, much of the world has turned back in thought and aspiration to ideas and purposes of economic and political organization which, though implemented with the mechanisms of modern science, have their roots none the less in the ancient and primitive past of feudal serfdom and mili-



tary imperialism. Whatever its military or diplomatic outcome, it is plain that the principle of unlimited government has won this war, in America as elsewhere in the world, and men have everywhere been moved or driven to abandon the voluntary economy of creative individual enterprise and personal responsibility for an economy of compulsory security, mass dependency and State dictation. By what is perhaps the most perfect and tragic paradox of history, thirty years of world war in the name of freedom have ended in its destruction in almost every country on earth, and for all who still believe in its creative power, the age-old struggle for human liberty has begun all over again.

As always before, this will be a struggle of ideas, a contest of truth and error, in which knowledge will be the strongest weapon and facts the final arbiter. To meet its full responsibility in this period of conflict and confusion, THE CONFERENCE BOARD will be compelled inescapably to concern itself not only with the surface facts of economic life but also with the dynamic ideas which underlie the struggle for freedom that faces all of us henceforth as members of the American community. To do this in the days of doubt, delusion and deception that lie ahead, all who are associated with the Board and its work will need to renew and fortify their faith in its fundamental purpose.

To its Associates and many others whose interest and support have sustained this purpose in the past, this report is dedicated with deep appreciation and with high hope and confidence that the Board can count upon them in the future.

VIRGIL JORDAN,  
*President*

June, 1945



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PART I

*The Conference Board  
and  
Its Work*





# I

## THE NATURE AND PURPOSES OF THE CONFERENCE BOARD

---

### WHAT THE BOARD IS

**T**HE NATIONAL INDUSTRIAL CONFERENCE BOARD is an institution for scientific research, professional education, practical service, and public information in the field of business economics and business management. Its purpose is to promote the prosperity and security of the American people by assisting in the effective operation and sound development of voluntary productive enterprise in the United States.

In pursuance of this purpose its specific function is continuously to assemble, analyze, and present accurate, complete, and useful information regarding economic conditions and management experience in the United States and other countries, and to distribute such information systematically among business executives and others interested in it.

To perform this function the Board maintains a large staff of specialists engaged in continuous research in economic statistics and management technique; it operates a widely-used public information bureau; it provides specific information service for individuals, organizations, and business concerns; it conducts periodic conferences of business executives and professional specialists for discussion of economic and management problems; it normally exchanges information with correspondents in many foreign countries; and it issues numerous periodical and other publications in which the results of its research and conference activities are made available for general use.

The Board thus serves as a central instrument of research, a clearing-house of information, an informal agency of professional education, and a medium of common understanding and coordinated effort for American business management.



*The Board is a scientific institution.* Its first task is to ascertain, analyze and present objectively the facts about business. It tests in every possible way the sources, basis, method, completeness and accuracy of all information which it uses and makes available to others.

*The Board is an institution for practical service.* The Board's work is designed to assist business management in the effective performance of its tasks and the sound solution of its problems by helping it to increase its knowledge, experience, and capacity, and by contributing to public information and understanding regarding business enterprise.

*The Board is a nonprofit institution.* It is supported cooperatively by subscriptions for its services and publications, and its income is devoted wholly to maintaining and improving its services. Special statistical and other research work done for individuals, concerns, and organizations is charged for at cost.

*The Board is a wholly independent institution.* It is not connected with any other institution or association, and its work is not determined or influenced by any organization or group, academic, professional, industrial, commercial or political. It assumes sole responsibility for the information it furnishes and for its interpretation of such information.

#### WHAT THE BOARD IS NOT

*The Board is not a governmental agency.* Its services and publications are always available to government bureaus, public officials, and legislators; representatives of certain government departments serve as Members of the Board; and it cooperates with government bureaus in scientific work; but it has no political affiliations of any kind.

*The Board is not a trade association.* Its interest is not confined to any special fields of industry, business, or finance. Its services are open to persons and organizations in all branches of industry, trade, and finance, to all professions, and to all individuals and institutions who are interested in its work and contribute to its maintenance.

*The Board is not an employers' organization.* It does not represent the interest of employers, owners, or investors as distinguished from that of employees. Its concern is solely



with the effective management and operation of productive enterprise, in which all these groups participate. Persons and organizations of many different interests, including employers, investors, labor unions, professional managers, engineers, students, teachers, writers, and government officials, make use of its services, which are accessible to all who cooperate in maintaining them.

*The Board is not an endowed institution.* It supports itself from year to year on a cooperative basis, through voluntary contributions and subscriptions for its services and publications by business concerns, by individuals, and by organizations. These contributions and subscriptions, differing widely in amount, form the fluctuating fund of resources that maintain the Board's services.

*The Board is not an academic bureau for abstract statistical research or theoretical economic discussion.* Its organization is designed to combine special technical knowledge with practical experience. Its work is rooted in the realities of business activity, and is concerned with the actual facts and concrete problems of business enterprise which confront management, labor and the public from day to day.

*The Board is not a branch, affiliate, subsidiary, agency, or department of any other organization, association, or institution.* Its activities are wholly independent of and do not in any way duplicate those of any other organization.

*The Board is not a political propaganda or legislative lobbying organization.* The results of its work are made available to the public and to government for such use as may be made of them. While individuals associated with the Board express their views as American citizens on public questions, the Board, as an institution, does not engage in legislative or political activities of any kind. It is concerned primarily with the policies and practices of business enterprise, and the conditions which affect them.

The essential objective of THE CONFERENCE BOARD is to ascertain the trustworthy and significant facts of economic and management experience, to test their validity, to explain their significance, to make them understood by business management through constant mutual contact and conference, and to publish them, so that the public, government



officials, and legislators may likewise understand them. THE CONFERENCE BOARD holds that knowledge of facts and understanding of their significance by business management, investors, workers, legislators, and the public are of supreme importance to economic progress. It believes that honest effort to ascertain facts, explain their meaning, and promote general understanding of them will ultimately lead to sound private and public policy.

#### PRINCIPLES OF THE BOARD'S WORK

Scrupulous preservation of scientific objectivity, and avoidance of association with partisan organizations or political movements, is the first of the fundamental principles upon which the organization and the work of the Board have been based.

The second basic principle upon which the Board proceeds is that of the supreme importance to the public welfare of protecting, strengthening, and developing the organization of voluntary productive enterprise in the United States.

Its existence and activities are based upon the principle that the advancement, expansion, and effective operation of the productive enterprise of the nation are the primary and indispensable condition of social welfare and national progress; and that the essential function of government is to maintain conditions that promote and foster the development of the voluntary enterprise organization and the productive resources of the community.

The third basic principle upon which the Board operates is that of emphasizing and promoting the coordination of American enterprise as a whole for intelligent management and control of its own affairs. The Board believes that in our complex, constantly changing, and rapidly developing industrial society, the management of business enterprise on the basis of knowledge, understanding, and coordinated effort is indispensable for stable economic progress. It believes that this task must be performed by the enterprise organization itself and cannot be left to government employees.

The fourth essential principle behind the Board's work is its emphasis on the value and necessity of combining scientific or technical research with practical experience and judgment



of industrial and business executives who have spent many years dealing with specific, concrete problems of management in their own enterprises. The Board's work is based upon the belief that neither academic investigation nor practical business experience can stand alone and separate in face of the complex problems arising in the rapid development of our modern economic system. Both for successful practical procedure in dealing with problems of management and for sound public policies affecting business, a combination of both these elements is necessary. This combination, which is embodied in the organization and activities of THE CONFERENCE BOARD, makes it a unique institution in American business and professional life.

## II

### THE ORGANIZATION AND OPERATION OF THE CONFERENCE BOARD

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**I**N performing its functions as a research, educational, and service institution, the present organization of the Board consists of its Subscribing and Cooperating Associates, Affiliated Organizations, and Foreign Correspondents; its Members, Officers, Trustees, and official committees; its advisory groups; and its Research and Administrative Staff. All these parts of the organization participate in various ways in the research and educational activities of the Board.

#### ASSOCIATES OF THE BOARD

##### *Subscribing Associates*

Individuals, business concerns, associations, and educational institutions or governmental departments, bureaus or agencies subscribing annually for the services, facilities, and publications of the Board, or contributing toward their maintenance, constitute its Subscribing Associates, and are the basis of its support. They receive the publications of the Board, and have the privilege of using its information and library facilities, consulting its Staff, and attending its general meetings and special conferences. A list of Subscribing Associates of the Board is published in Part II of this Report.

At the close of the fiscal year 1944-45 the Associates of the Board included 50 individuals who subscribed personally for its services and publications; 2,116 business concerns, representing every field of business activity, in all parts of the country, who formed the bulk of the Subscribing Associates of the Board; 176 business and labor organizations; and 170 libraries, educational and other public institutions. The total number of Associates increased from 2,287 to 2,512 during the fiscal year ended April 30, 1945.



*Cooperating Associates*

Individuals, business concerns and others who participate in the research work of the Board by regularly furnishing information for use in its studies of the cost of living, wages, employment, working hours, management practices, business conditions and other subjects of systematic investigation by the Board constitute its Cooperating Associates. Whether or not they contribute or subscribe toward the financial support of the Board's work, its Cooperating Associates obviously play a vitally important part in the maintenance and expansion of its services as a cooperative institution, in which information and experience are pooled for the benefit of business enterprise and the public. The Board is deeply indebted to them for their interest and participation, which have enabled it to develop its studies and render its services on a more economical and practical basis than would otherwise have been possible within the limits of its financial resources.

The scope of this cooperation is constantly being expanded as its mutual benefits are appreciated. Currently the number of Cooperating Associates of the Board in all the fields of its work amounts to nearly 12,000, and the map facing page 8 shows their wide geographic distribution.

**AFFILIATED ORGANIZATIONS**

Under the By-Laws of the Board certain organizations and institutions are accepted by the Board as Affiliated Organizations. These now include, first, a number of divisions of the War and Navy Departments directly concerned with manufacturing operations and with industrial development from the point of view of national defense; and, second, a number of national trade associations and state or regional industrial associations which subscribe stipulated minimum amounts for the maintenance of the services and facilities of the Board. These Affiliated Organizations, listed in Part II, designate representatives who, upon election by the Board, serve as Members of the Board with the same privileges and responsibilities as other Members.

The first group of Affiliated Organizations, in view of the great value of their cooperation in the work of the Board,



are not required to contribute financially to its support. Among the Affiliated Organizations of the Board and their designates, those of the bureaus of the War and Navy Departments have been at all times especially helpful in its work, and the Board makes grateful acknowledgment to them for their constructive cooperation. It hopes that in the course of time other departments of government and other public agencies may similarly be brought into closer association with its work.

During the past twenty-nine years almost all the important national trade associations, and many state industrial associations, have at one time or another been Affiliated Organizations of the Board, but many of these affiliations have lapsed from time to time with changes in the resources and in the leadership of these associations. The Board hopes that, in view of the increasingly important part the trade associations should play in dealing with economic and management problems, many other organizations will be brought into closer cooperation with the Board's work in this way.

#### FOREIGN CORRESPONDENTS

Foreign Correspondents of the Board have been appointed from time to time from among leaders in industry, commerce, finance, as well as statesmen and economists in the principal foreign countries. These have supplied to the Board information regarding economic conditions in their respective countries, as a basis for the Board's reports on international affairs, and have received from the Board similar information regarding developments in the United States. Because of present world conditions, this interchange of information and close collaboration in the study of international problems have necessarily been interrupted in the case of several nations, and in view of the uncertainties of international relations the Board's contact with many of its Foreign Correspondents has been temporarily suspended.

#### COUNCILLORS

From time to time outstanding personalities in the fields of science, education, public affairs, and business are elected to membership in the Board as Councillors. These elections



are essentially honorary in character and are made on the basis of the distinction of the individuals chosen, irrespective of their association with the Board as subscribers or otherwise, or of their direct connection with industry. The Board avails itself of their advice as may be needed in connection with broader questions of policy in the conduct of its work.

As of June 1, 1945 the Councillors, listed in Part II, numbered 19.

#### MEMBERS OF THE BOARD

Members of the Board consist of the designates of Affiliated Organizations, the Councillors, and a number of individuals connected in important capacities with some of the Subscribing Associates of the Board. Membership in the Board is personal, and by election, and the number of regular Members is limited to two hundred. Some of the Members of the Board do not contribute financially to the maintenance of its work, and many of the Subscribing Associates of the Board—that is, those individuals, business concerns, organizations and institutions who are subscribers for the services of the Board—are not represented in the Board's membership. Qualified persons are elected or reelected from year to year by the existing membership of the Board to serve as Members on the basis of their intrinsic interest in its work and their disposition and capacity to participate personally in its activities. They constitute a relatively small but distinguished group of men active in business, public, or educational affairs and earnestly devoted to the work in which the Board is engaged. As of June 1, 1945, the Members of the Board, including Councillors and representatives of Affiliated Organizations, numbered 219.

#### OFFICERS AND TRUSTEES

The Members constituted as described above, elect annually in the usual procedure a group of Trustees. The Trustees are divided into three classes of ten members each, so arranged that the membership of respective classes shall expire in succeeding years.

These Trustees, in addition to selecting their own chairman, elect annually a Chairman of the Board, one or more



Vice-Chairmen, a President, a Treasurer and a Secretary. The Trustees are the executive agency of the Members in the conduct of the Board's affairs. They nominate, for election or reelection by the Board, the Members of the Board, and appoint its Foreign Correspondents and the various committees and advisory councils required in the conduct of the Board's work.

#### STANDING AND SPECIAL COMMITTEES

The following standing and special committees of the Board were in operation during the fiscal year 1944-45, for the purposes indicated:

*Standing Committee on Invitations*, to consider and officially to issue any invitations extended to eligible persons to accept election by the Board as Members or Councillors, or appointment as Foreign Correspondents. The Committee also advises with Affiliated Organizations regarding representatives of such organizations to serve as Members of the Board, except in the case of the designates of governmental bureaus, who are nominated directly by the Secretary of War and the Secretary of the Navy;

*Standing Finance Committee*, to advise with the President and the Trustees regarding the financial administration of the Board;

*Standing Committee on Reelections and Admissions*, to advise with the President regarding his recommendations for elections and reelections of Members and Councillors and appointment of Foreign Correspondents of the Board.

In addition to these, several special committees were created, and either completed or continued consideration of various questions arising in the course of the Board's work.

The Board makes earnest acknowledgment of the fine service rendered to it by these committees. The time and energy given to their work by the Members of the Board and others, in the midst of their own pressing private preoccupations and responsibilities, bear high testimony to their public-spirited devotion to the purposes of the Board.



## CONFERENCES

*Meetings of the Board*

Meetings of THE CONFERENCE BOARD are held regularly each month, except during the summer, for intimate and informal discussion of current developments and problems relating to business. These conferences are not mere meetings for the usual transaction of formal organization business. The discussion at these conferences is based upon and guided by the research work and the information currently developed by the Research Staff of the Board, and in turn the investigations of the Research Staff and the publications prepared by it are aided and guided by these discussions.

Five of these monthly conferences, on alternate months beginning in September, are usually general meetings to which executives of all concerns and organizations associated with the Board are invited. The other four meetings of the Board are sessions of the Members, their guests, and others invited to confer with them.

The general meetings of the Board on alternate months are preceded by a number of round table conferences devoted to specific subjects, in the discussion of which the consulting groups and Staff of the Board take part.

*Special Conferences*

In addition to its regular monthly Meetings, THE CONFERENCE BOARD endeavors to meet the needs of its Subscribing Associates for specialized types of information by organizing discussion groups to consider particular problems that arise as a result of economic developments or government policy. Three of the more important of such conferences held during the past year indicate the character of these activities:

"Seniority and Reemployment of War Veterans," held at the Waldorf-Astoria, was attended by nearly one thousand management and personnel executives;

"Union Management Cooperation in a Job Evaluation Installation," held in the Board's offices;

"The Working Conference on Section 722," also held in the Board's Offices. This group, which from time to time meets to discuss excess-profits tax relief as provided by



Section 722 of the Internal Revenue Code, is composed of accounting and legal tax practitioners as well as interested economists and controllers of companies associated with THE CONFERENCE BOARD.

### *Advisory Councils*

In order to bring to bear in the conduct of the Board's research and conference work the knowledge and experience of specialists and technicians in the various fields covered, the Board has had the benefit of the assistance of important advisory groups. One such group that was organized over 20 years ago is the *Advisory Council on Management Research*, composed of men distinguished for their special knowledge and experience in the field of personnel and labor relations administration.

### STAFF ORGANIZATION

The Board's Research and Administrative Staff must serve in a two-fold capacity. It must continue and constantly improve the quantity and quality of the Board's research as problems vitally affecting industry and business multiply and become more complex. It must also be available at all times for consultation by mail, telephone, telegraph and in person by its Subscribing Associates who seek special information or the direction of available material to their particular problems. Moreover, during the war period, requests from governmental and Army and Navy sources have greatly increased and as a public service THE CONFERENCE BOARD has tried to be helpful to the limit of its capacity. All these demands on its time have kept the Staff under considerable pressure, but it welcomes the opportunity to be of increasing usefulness to the progressive companies that make up its roster of Subscribing Associates.

Staff departments work systematically with the consulting groups of the Board in carrying out the research, publication and conference activities of the Board. Close contact of specialists of the Staff with its Associates is maintained through correspondence, group discussions, personal conferences, and field visits to offices and plants of Associates. In this way the Board's Staff organization serves as a unique



instrument for investigation, contact, exchange of experience, and cooperative education in economics and management.

This effort will be continued and intensified, as the resources of the Board and war conditions permit, and it is hoped that in the course of time the Board's organization can be developed into a systematic mechanism of management education, nation-wide in its scope and continuous in its influence.

The regular operating Staff of THE CONFERENCE BOARD consisted of 129 Staff Associates on June 1, 1945, organized under the following Divisions:<sup>1</sup>

*The Division of Business Practices* is responsible for the analysis and interpretation of business experience in dealing with current problems of administration outside the field of personnel and labor relations;

*The Division of Business Statistics* is responsible for the analysis and interpretation of statistical records and trends affecting business and industrial operation;

*The Division of Management Research* is responsible for the analysis and interpretation of experience in dealing with practical problems of personnel and industrial relations administration and other matters of plant and office operating technique;

*The Division of Labor Statistics* is responsible primarily for the Board's investigations in the fields of wages, employment and unemployment, and the cost of living, as well as for special investigations in these fields;

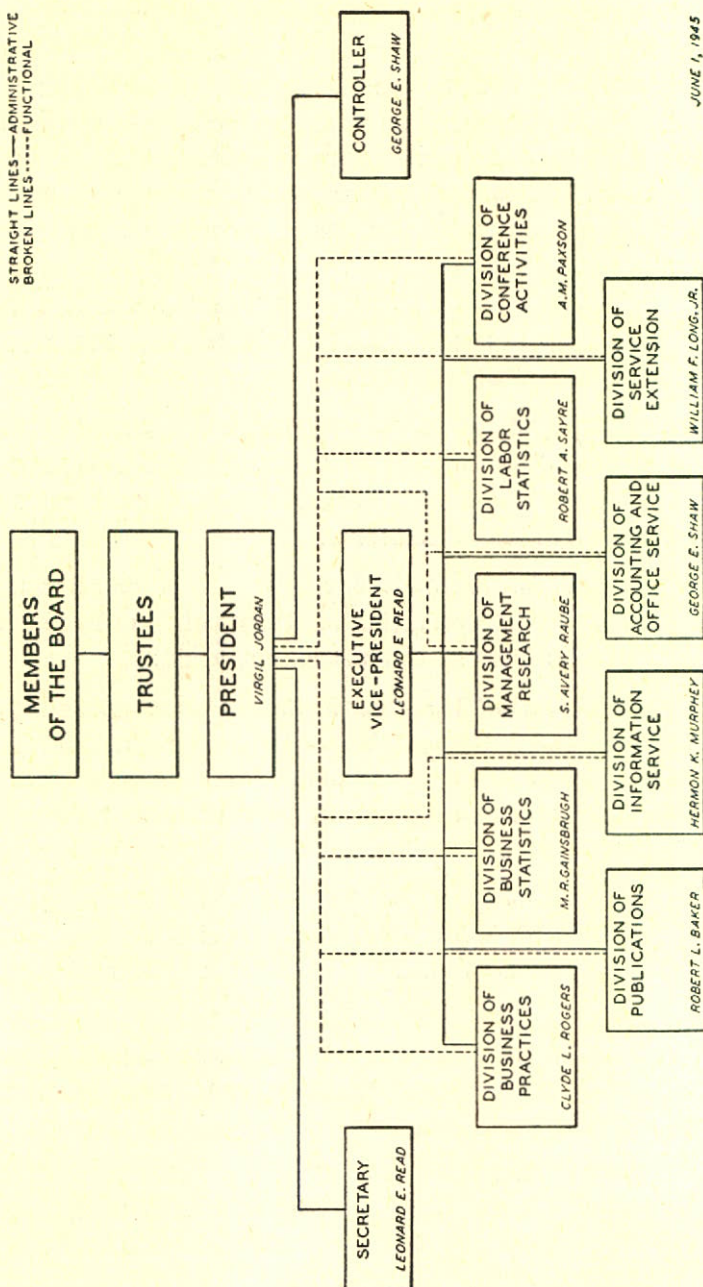
*The Division of Conference Activities* is responsible for planning and conducting the Regular Meetings of the Board and its other conference activities;

*The Information Service Division*, which includes the Reference Library, is responsible for replying to the constant stream of inquiries by mail, telephone and visits from Associates and the general public;

<sup>1</sup> Their description, shown in detail of personnel in Part II, represents the Staff organization in operation as of June 1, 1945.

# **ORGANIZATION CHART** Conference Board Staff

STRAIGHT LINES—ADMINISTRATIVE  
BROKEN LINES—FUNCTIONAL



JUNE 1, 1943



*The Publications Division*, which is responsible for editing and printing the numerous periodical and other publications of the Board, and for providing information regarding the results of its studies for the newspaper and magazine press;

*The Service Extension Division*, which is responsible for increasing the number of the Board's Subscribing Associates, thus extending the usefulness of its work and enabling it to expand the scope of its services;

*The Division of Accounting and Office Service*, the functions of which are indicated by its title; and

*The Administrative Division*, responsible for planning, general supervision, and coordination of the work of the Staff and its relations to Associates and the public.

#### THE BOARD'S SUPPORT

The Board is not an endowed institution, and it has so far not been assisted by any of the established foundations. It has had to earn its living and pay its way by its work from year to year. As a non-profit institution, the Board does not provide its services and distribute its publications on a commercial basis, nor can it afford to employ a large sales or promotion organization to bring its services and publications to the favorable consideration of possible subscribers. Its resources must be devoted to its research, information and conference activities and to the maintenance of effective contact with the Associates whom it serves.

The regular research work of THE CONFERENCE BOARD and the ordinary expenses incident to conduct of its conference activities are financed mainly by voluntary subscriptions and contributions by individuals, corporations and organizations associated with the Board. These subscriptions vary widely in amount, cover no uniform period, are renewable irregularly throughout the year, and are based partly on the direct usefulness of the services rendered by the Board's staff and partly on public-spirited interest in its support as an institution. Continuous correspondence and contact are necessary to maintain and add to subscriptions. This work occupies a considerable part of the time and energy



of the Staff, but the absence of any assurance of stable financial support by endowment or otherwise is a constant and sharp stimulus to the Board to make its service effective and useful.

In addition to subscriptions of Associates, the work of the Board is supported by income from the sale of publications and from special service rendered individual corporations and organizations, by way of occasional statistical work, investigations, and information. Sales of publications are restricted to individuals and educational institutions that could not regularly subscribe to the Board, and barely cover the expense of printing, with no allowance for cost of their preparation. Since the Board is chartered as a non-profit institution, revenue from special service can cover only the direct expense involved and a strictly allocated proportion of the overhead costs of operating the organization.

Under these conditions the income of the Board fluctuates widely and irregularly throughout each year, while its ordinary expenses are relatively stable because of the sustained nature of its research and conference work and the highly qualified personnel necessary to carry it on. So far as possible, expenditures are carefully budgeted in relation to estimated income at the outset of each fiscal year, while both income and expenses are accounted for on an accrual basis, and closely controlled by a cost system covering all its operations.

For twenty-nine years, through periods of widely varying business prosperity and vast changes in economic and political conditions, the work of THE CONFERENCE BOARD has gone forward steadily. Its books, reports, studies, and periodicals, which it has published during this period are merely the physical monument or record of its work, far less important than the constant service of current information and education which it has rendered to American enterprise.

American enterprise urgently needs and is abundantly able to provide for itself a central instrument of tested information, common understanding, effective education, and unified action such as THE CONFERENCE BOARD in principle implies. For the perfection of this instrument it can afford to enlist the services of the ablest minds in practical business experience,



in economic, statistical, and management science, in public and professional education, in public relations, and in government. To make this instrument effective it can afford to construct a comprehensive and systematic mechanism for the continuous information, education, and coordination of management and the public so that the facts of our economic and industrial life may be fully and widely known and be acted upon by management, the public, and government with intelligence, understanding, integrity, and unity of purpose.

Such an effort is long overdue. The need for it increases day by day. Even after twenty-nine years of THE CONFERENCE BOARD's work a beginning has hardly been made. The war and the conditions which will follow it make an effort of this kind more urgent and vital than ever before.

### III

## THE SERVICES AND PUBLICATIONS OF THE CONFERENCE BOARD

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**D**URING recent years THE CONFERENCE BOARD has planned its research, service and publications with two major ends in view: first, to supply its Associates with the authoritative and up-to-date information needed to help them meet their responsibilities and solve their problems during the various phases of the war emergency; second, to maintain its important continuing studies in order to provide the Associates with a longer view of the trends in the nation's economic development and in managerial policies and functions.

### A. Information and Consultation Service

The successful functioning of private enterprise is dependent in large part upon the availability of accurate and up-to-date information. THE CONFERENCE BOARD endeavors to fill that need not alone through its publications, but also by maintaining an Information Service Division whose function it is to furnish prompt answers to inquiries and to provide a clearing-house of general information for all Conference Board Associates. In connection with that service, an extensive library is maintained which comprises what is probably the largest private collection of books, governmental reports and documents, periodicals, and other material covering the broad field of industrial economics. This library material is available to all Associates for use in the library or on a loan basis.

During the past fiscal year a total of 22,531 inquiries was answered by Staff Associates. This represented an increase of 6,012 over last year. Subscribing Associates accounted for 18,722 of these inquiries, while nonsubscribers accounted for

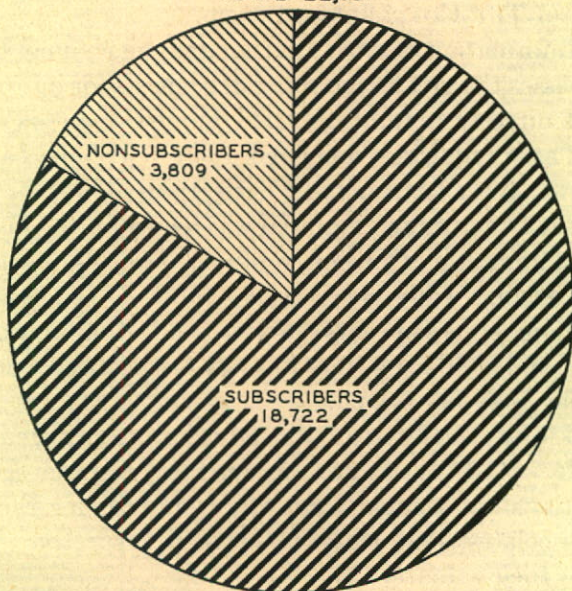


## “Ask The Conference Board”

### TOTAL NUMBER OF INQUIRIES ANSWERED

MAY 1, 1944 - APRIL 30, 1945

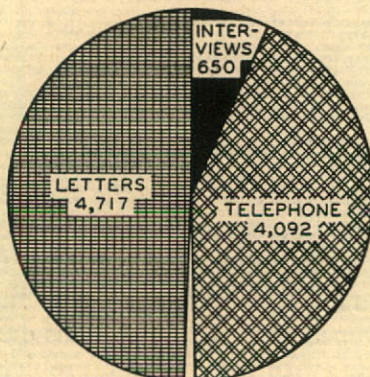
TOTAL: 22,531



### INQUIRIES ANSWERED BY INFORMATION SERVICE

MAY 1, 1944 - APRIL 30, 1945

TOTAL: 9,514



TELEGRAMS - 55



only 3,809. Of these nonsubscriber inquiries a substantial number was received from government agencies, members of educational institutions, and writers. All such inquiries from business organizations were handled by the Service Extension Division with a view to future participation in the financial support of THE CONFERENCE BOARD.

The Information Service Division, as the channel through which passes the greatest number of requests for information, handled directly a total of 9,514 inquiries, an increase of 2,171. These inquiries comprised 4,092 telephone calls, 650 interviews, 4,717 letters, and 55 telegrams. The Library was used by 565 visitors and material was loaned in 453 instances.

In addition, the Division routed a large number of inquiries dealing with specialized problems concerning renegotiation, excess-profits taxes, collective bargaining, pensions and similar matters to Staff Associates covering the particular fields concerned.

The Library facilities of the Division are utilized extensively by Staff Associates engaged in research activity. Publications are secured from other libraries for the use of such Associates, and material in their respective fields is called to their attention.

The Library has, in the past, gradually accumulated a large collection of books and pamphlets, to which several thousand additional items were added during the year by purchase, gift, or exchange. In order to accommodate these, certain material considered obsolete has been discarded. Subscriptions are regularly maintained for more than one hundred periodicals, services, and annual publications.

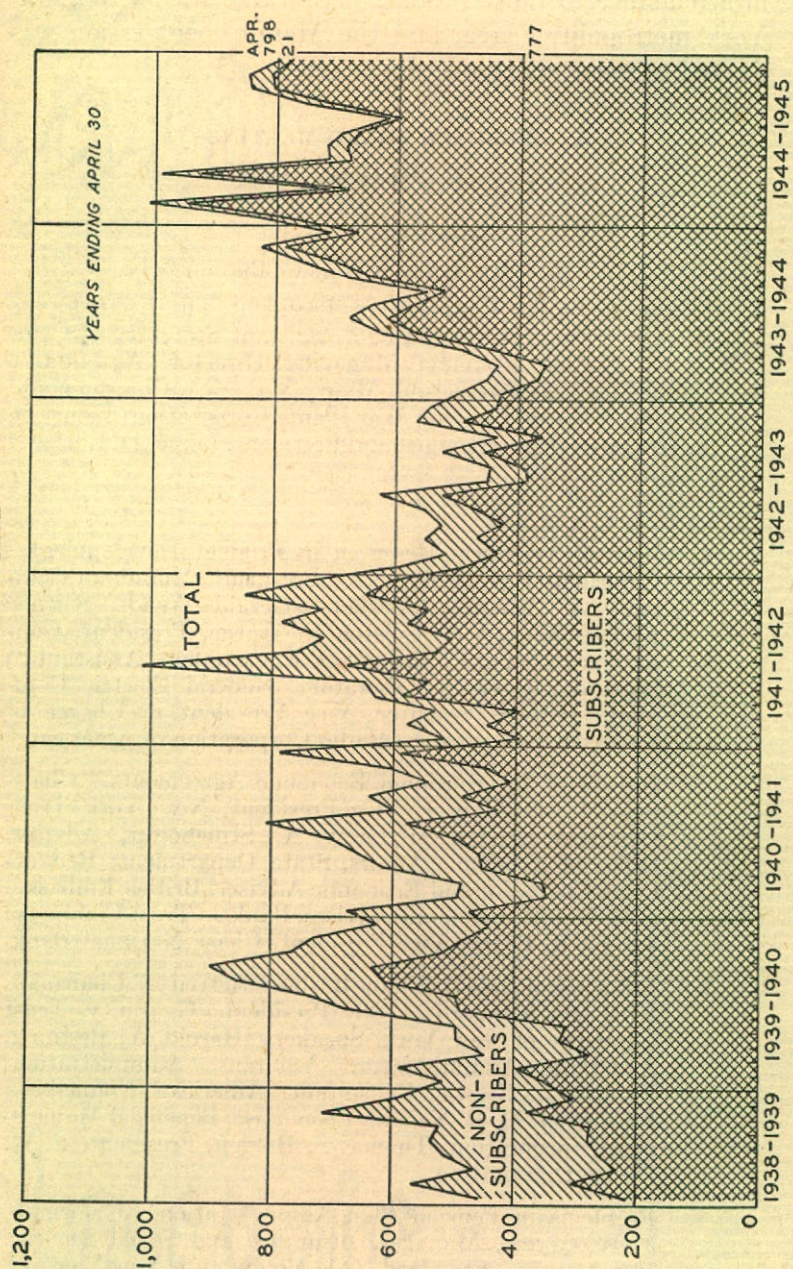
### **B. Conference Activities**

During the fiscal year, 1944-45, the Board devoted five of its regular monthly meetings to open sessions for Members, Associates, and their guests, and arranged four closed sessions for Members of the Governing Body. In anticipation of the end of the war in Europe, the sessions during this period dealt, in the main, with reconversion problems.

In compliance with requests from the Office of Defense Transportation and other government agencies concerned,



# Number of Inquiries Handled Monthly by the Information Service Division The Conference Board<sup>1</sup>



<sup>1</sup> During 1942 and 1943 a substantial number of inquiries not shown in this chart were handled by the Service Extension Division.



the February, March, April, and May sessions were restricted in attendance to those residing or working within the New York metropolitan area, and the March open session was limited to two round-table discussions.

### CONFERENCE BOARD MEETINGS

September, 1944-May, 1945

*September 21, 1944*

#### *General Session:* RESUMPTION OF CIVILIAN PRODUCTION

Discussion by Dr. Virgil Jordan, President, THE CONFERENCE BOARD; William A. M. Burden, Assistant Secretary of Commerce; George Romney, Managing Director, Automotive Council for War Production; Maury Maverick, Chairman and General Manager, Smaller War Plants Corporation; Lionel D. Edie, Consulting Economist and President, Lionel D. Edie and Company, Inc.

#### *Round Table Conferences:*

1. "Role of Technical Research in Product Development." Chairman: S. K. Colby, Vice President, Aluminum Company of America. Speakers: Gerald Wendt, Science Editor, *Time*, Inc.; Colston E. Warne, President, Consumers Union of U. S., Inc.; D. E. Chambers, Assistant to Director, Research Laboratory, General Electric Company; Otto S. Schairer, Vice President in Charge of Research Laboratories, Radio Corporation of America.
2. "Impact of International Economic Agreements." Chairman: C. E. Hunter, Vice President, New York Trust Company. Speakers: Leroy A. Stinebower, Adviser, Office of Economic Affairs, State Department; Redvers Opie, Counselor and Economic Adviser, British Embassy; J. H. Riddle, Economic Adviser, Bankers Trust Company; Joseph E. Pogue, Vice President, Chase National Bank.
3. "Influence of the GI Bill on Business Activity." Chairman: Kingsley Kunhardt, Vice President, Guaranty Trust Company of New York. Speakers: Harold W. Breining, Assistant Administrator, Veterans Administration; Francis J. Brown, Consultant, American Council on Education; M. R. Neifeld, Economist, Beneficial Management Corporation; Thomas S. Holden, President, F. W. Dodge Corporation.
4. "Problems in Pension Plan Administration." Chairman: J. W. Myers, Manager, Insurance and Social Security Department, Standard Oil Company (New Jersey). Speakers: C. Preston Dawson, C. P. Dawson Company; M. F. Lipton, Associate Director, Group Annuities,



## WHERE THE FACTS COME FROM

Since THE CONFERENCE BOARD initiated its fact-finding activities in 1916, the number of companies and organizations regularly cooperating with the Board has grown from a mere handful to a total of 12,000. Detailed statistics are furnished by these Cooperating Associates to the Research Staff of the Board on hundreds of items which enter into the computation of its indexes of the Cost of Living; Wages and Hours of Work; Employment; Survey of Clerical Salary Rates; Productive Capacity; and Corporate Earnings.

In addition, the Research Staff, in cooperation with the Associates of the Board, conducts periodic surveys on many subjects, such as personnel practices, industrial relations, executive opinion on business experience, conditions and prospects, business practices, and the influence of governmental activities on business enterprise.

Several hundred concerns provide the Research Staff of the Board with monthly reports and other material on changes in business operations, the magnitude and effects of labor shortages, costs of production, and on the effects of emergency regulations.

\* \* \*

Cooperation with Conference Board research is on a purely voluntary basis. No fees are paid to cooperators, whose sole interest in pooling information is to provide business enterprise with a continuous stream of authentic material for its self-guidance.

\* \* \*

The success of this extensive system of cooperation has been made possible only by the high degree of confidence placed in THE CONFERENCE BOARD as an independent, fact-finding institution. This confidence has been so jealously guarded by the Board's Staff that not once during the quarter-century of the Board's existence has there been an instance of misuse of data provided by its Cooperating Associates. Procedures are followed which guarantee that all schedules and questionnaires shall be held strictly confidential; neither information nor names are ever divulged without the specific written permission of the Cooperating Associate.

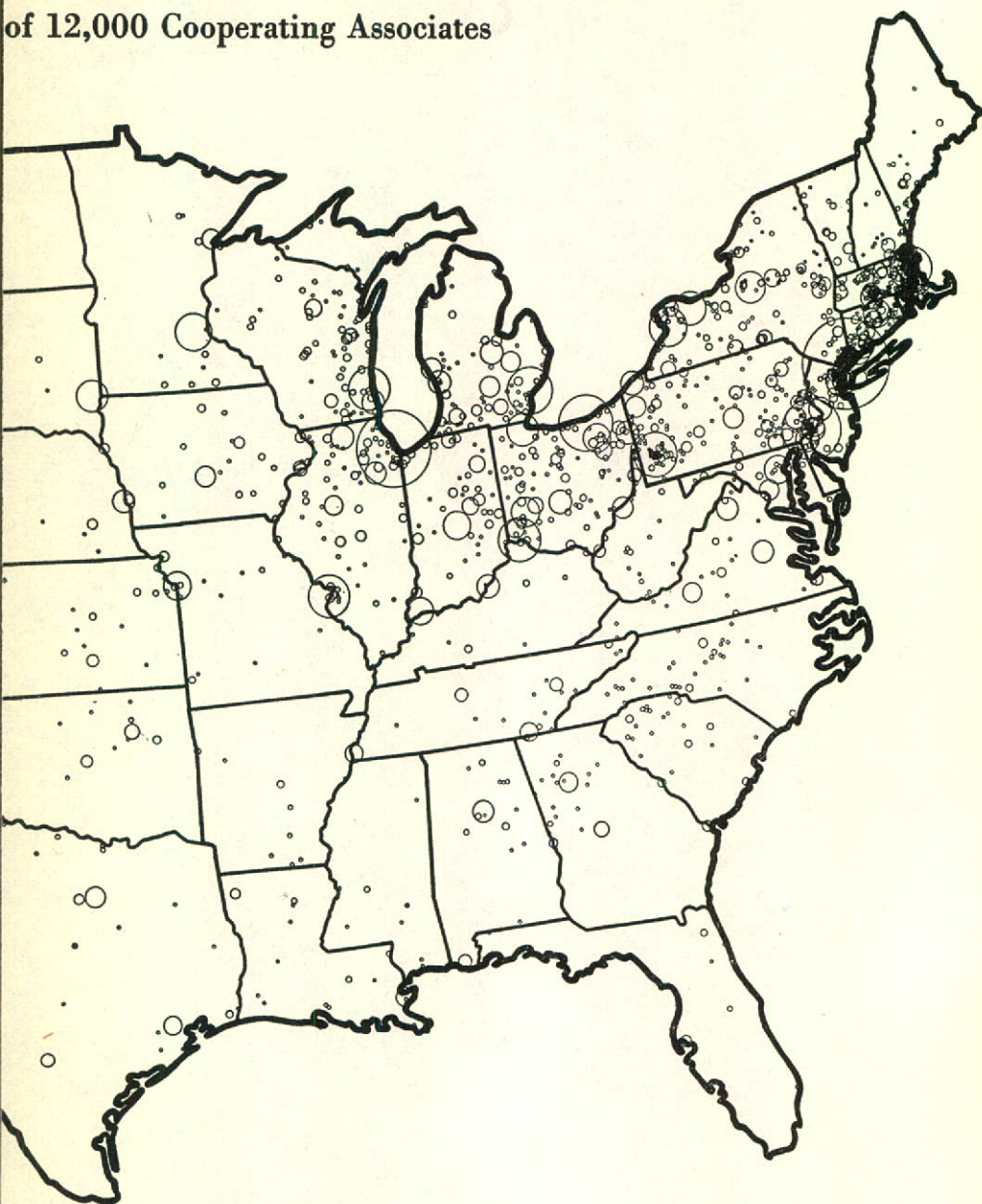






# of Conference Board Research

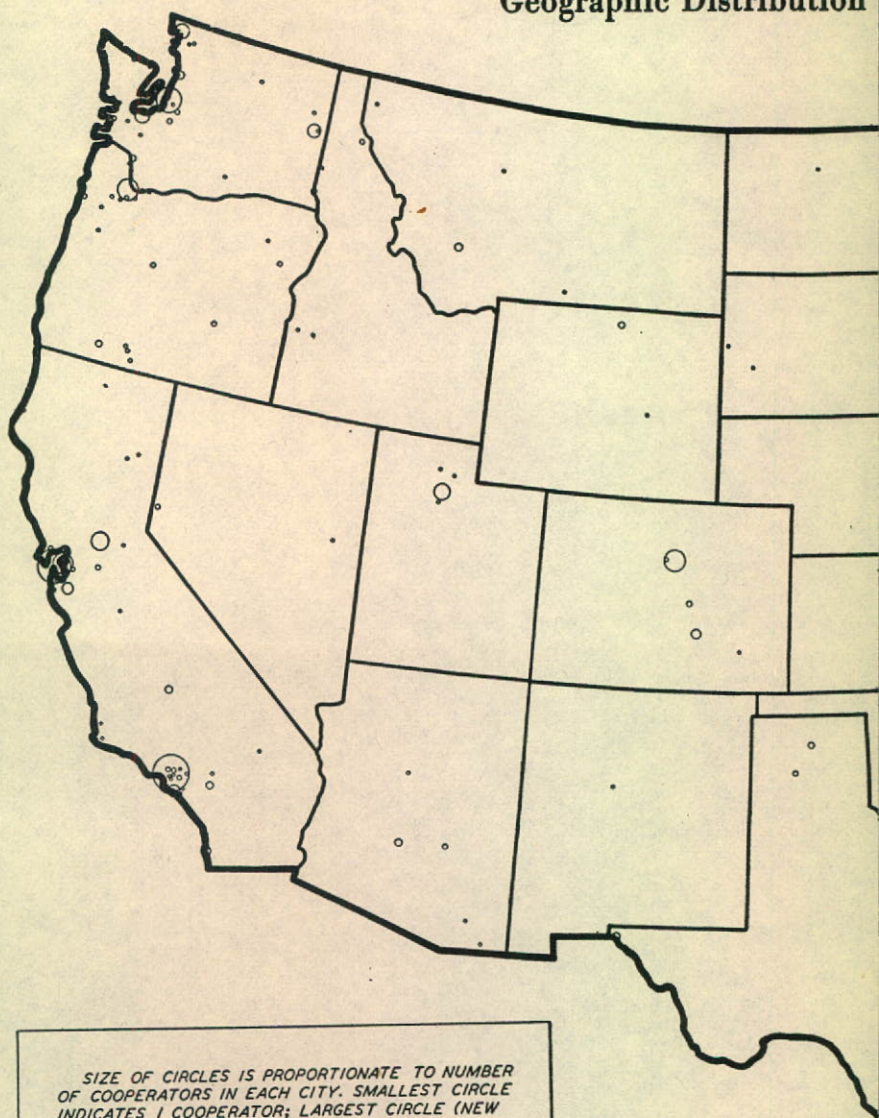
of 12,000 Cooperating Associates





# The Far-reaching Roots

## Geographic Distribution







Equitable Life Assurance Society of the United States;  
Adrian W. De Wind, Senior Attorney, Office of Tax  
Legislative Counsel, Treasury Department.

*October 19, 1944*

Closed Session of Members of the Governing Body and guests  
addressed by Alexander Barmine and Isaac Don Levine.

*November 16, 1944*

*General Session: THE POSTWAR PRICE PROBLEM—INFLATION OR  
DEFLATION*

Discussed by Dr. Virgil Jordan, President, THE CONFERENCE  
BOARD; Marriner S. Eccles, Chairman, Board of Governors,  
Federal Reserve System; James G. Rogers, Jr., Deputy Ad-  
ministrator, Office of Price Administration; Leo Wolman,  
Professor of Economics, Columbia University.

*Round Table Conferences:*

1. "Termination Problems of Prime and Sub Contractors." Chairman: W. Gibson Carey, Jr., President, The Yale & Towne Manufacturing Company. Speakers: Brigadier General D. N. Hauseman, Director, Readjustment Division, Army Service Forces; Captain H. L. Merring, Assistant Chief, Office of Procurement and Material for Industrial Readjustment, Navy Department; Courtney Johnson, Assistant to Chairman of the Board, The Studebaker Corporation; Charles B. Chisholm, Assistant to Vice President, Pressed & Welded Steel Products Co., Inc.
2. "Rebuilding Industry's Sales Organization." Chairman: Norman W. Wilson, President, Hammermill Paper Company. Speakers: Donald R. G. Cowan, Consulting Economist, Past President, American Marketing Association; Burton Bigelow, Burton Bigelow Organization; Don G. Mitchell, Vice President, Sylvania Electric Products, Inc.
3. "Carry-back, Carry-over and Refund Provisions." Chairman: C. N. Osborne, Vice President, The M. A. Hanna Company. Speakers: Roy Blough, Director of Tax Research, Treasury Department; M. E. McDowell, Head, Tax Department, Standard Oil Company (New Jersey); Carl Shoup, Associate Professor of Economics, Columbia University.
4. "Foremen, Unions, and the Wagner Act." Chairman: R. E. Gillmor, President, Sperry Gyroscope Company, Inc. Speakers: Gerard D. Reilly, National Labor Relations Board; Martin M. Cooper, Assistant to International President, Federation of Architects, Engineers, Chemists and Technicians (CIO); T. O. Armstrong, Manager of Industrial Relations, Westinghouse Electric & Manufacturing Company.



*December 21, 1944*

Closed Session of Members of the Governing Body and guests addressed by A. A. Desser, Management Research Division, THE CONFERENCE BOARD.

*January 18, 1945*

*General Session: GUARANTEEING EMPLOYMENT AND PURCHASING POWER*

Discussed by Dr. Virgil Jordan, President, THE CONFERENCE BOARD; Philip Murray, President, Congress of Industrial Organizations; Clarence B. Randall, Vice President, Inland Steel Company; Honorable Robert A. Taft, United States Senator, Ohio.

*Round Table Conferences:*

1. "Applications for Tax Relief Under Section 722." Chairman: Paul W. Ellis presided because of the sudden illness of J. K. Lasser, C.P.A., J. K. Lasser & Company. Speakers: Paul W. Ellis, Tax Economist, THE CONFERENCE BOARD; George R. Blodgett, Attorney at Law, Herrick, Smith, Donald, Farley & Ketchum; Adrian W. De Wind, Senior Attorney, Office of Tax Legislative Counsel, Treasury Department.
2. "Financial Problems of Small Business." Chairman: C. C. Fichtner, Vice President & Treasurer, Wales-Strippit Corporation. Panel: George W. Houk, President, Dayton Aircraft Products; Seymour Turner, President, Electronic Tube Corporation; Robert I. Millonzi, Attorney, Diebold & Diebold; Mark A. Feiner, Secretary, P. Feiner & Sons, Inc.; Russell E. Maintain, Maintain Store Engineering Service; Edward J. Stewart, President, United Metal Seal Company; F. W. Jessop, President, The Ohio Electric Mfg. Co.; Alfred C. Gaunt, President, Merrimac Mills.
3. "Measuring and Projecting National Income." Chairman: William J. Graham, Vice President, The Equitable Life Assurance Society of the United States. Speakers: Milton Gilbert, Chief, National Income Unit, Bureau of Foreign and Domestic Commerce; W. S. Woytinsky, Principal Consulting Economist, Bureau of Employment Security, Social Security Board; Rufus S. Tucker, Economist, General Motors Corporation.
4. "Labor and Technological Advance." Chairman: C. S. Ching, Director of Public & Industrial Relations, United States Rubber Company. Speakers: Albert Ramond, Albert Ramond and Associates; William Gomberg, Director, Management Engineering Department, International Ladies' Garment Workers' Union (AFL); C. M. White, Vice President, Republic Steel Corporation; Louis Waldman, Counselor at Law.



*February 15, 1945*

Closed Session of Members of the Governing Body and guests addressed by Ambassador William S. Culbertson and Upton Close.

*March 22, 1945*

In compliance with the request of the O. D. T., the General Session at the 268th Meeting of THE CONFERENCE BOARD was suspended.

*Round Table Conferences:*

1. "Gearing Distribution to Postwar Conditions." Chairman: Rolland J. Hamilton, Secretary and Treasurer, American Radiator & Standard Sanitary Corporation. Speakers: Lyndon O. Brown, Stewart, Brown & Associates; Saul Cohn, President, City Stores Mercantile Co., Inc.; Theodore N. Beckman, Professor of Business Organization, Ohio State University; J. Chester Ray, Sales Manager, Fisk Tire Division, United States Rubber Company.
2. "Savings: Their Size, Distribution, and Postwar Implications." Chairman: Murray Shields, Economist, Irving Trust Company. Speakers: Irwin Friend, Supervisor, Financial Analysis Section, Securities and Exchange Commission; Elmer C. Bratt, Chief Economic Analyst, National Economics Unit, Bureau of Foreign and Domestic Commerce; George Terborgh, Research Director, Machinery and Allied Products Institute.

*April 19, 1945*

Closed Session of Members of the Governing Body and guests addressed by W. P. N. Edwards, Director of Information, The British Supply Council in North America, and Philip D. Reed, Chairman of the Board, General Electric Company.

*Annual Meeting, May 17, 1945**General Session: AMERICAN BUSINESS IN A PLANNED WORLD*

Discussed by Dr. Virgil Jordan, President, THE CONFERENCE BOARD; Alvin H. Hansen, Littauer Professor of Political Economy, Harvard University; J. Howard Pew, President, Sun Oil Company; Honorable Harold H. Burton, United States Senator, Ohio.

*Round Table Conferences:*

1. "Foreign Trade Practices After the War." Chairman: Gilbert H. Montague, Counselor-at-Law. Speakers: George Link, Jr., Counselor-at-Law; Edgar W. Smith, General Motors Overseas Operations, General Motors Corporation; L. D. Seymour, President, L. D. Seymour & Company; Wilbert Ward, Vice President, National City Bank of New York.



2. "War Plants: Their Disposal and Utilization." Chairman: R. R. Wason, President, Manning, Maxwell & Moore, Inc. Speakers: Hans A. Klagsbrunn, Deputy Director, Surplus War Property, Reconstruction Finance Corporation; James H. Marks, Executive Vice President, Packard Motor Car Company; Roger B. Stevens, Industrial Plants Section, Smaller War Plants Corporation; Julien G. Sourwine, Administrative Assistant to Senator McCarran.
3. "Public vs. Private Financing of Transportation." Chairman: Honorable Clarence F. Lea, United States Representative, California. Speakers: Major General Philip B. Fleming, Administrator, Federal Works Agency; Ralph J. Watkins, Director of Business Studies, Marketing and Research Service, Dun & Bradstreet, Inc.; Jacob Aronson, Vice President, Law, New York Central System; Charles W. Braden, General Traffic Manager, National Distillers Products Corporation.
4. "The Annual-Wage Problem." Chairman: Thomas G. Spates, Vice President, General Foods Corporation. Speakers: Dale Yoder, Director of Industrial Relations Center, University of Minnesota; Thomas R. Reid, Director of Personnel & Public Relations, McCormick & Company, Inc.; Boris Shishkin, Economist, American Federation of Labor; Bradford B. Smith, Economist, United States Steel Corporation.

#### DISCUSSION COURSE IN PERSONNEL ADMINISTRATION

The Conference Board is frequently asked how a person recently assigned to personnel work can most quickly secure a working understanding of some of the main problems. In an effort to help Associates facing this problem, a unique basic course in personnel administration was conducted in the winter and spring of 1945. The course, lasting one week, was held for four groups of about eighty members each. The Board's Staff served as leaders of the groups.

In the first half of each session the Staff Specialist in charge gave as complete an analysis of the problem as time permitted. The second half of each session was devoted to group discussion. The schedule of the course follows:

#### *Monday*

Introductory Remarks.....	<i>Mr. Raube</i>
Place of Personnel Function in Company Organization.....	<i>Miss Seybold</i>
Scope of program of the personnel department	
Relationship of personnel department to top administrative executives, operating units and staff agencies	
Relationship of central personnel department to plant personnel departments	
Administration of personnel functions in headquarters office group	



- Employment Procedures and Records** ..... *Mr. Raube*  
Organizing and laying out an employment department  
Hiring procedures  
Interviews and interviewers  
What personnel records?

- Essentials of an Effective Training Program** ..... *Mr. Raube*  
Where does training begin?  
Methods of training  
Retraining and upgrading  
Policies, practices and evaluation of results

- Company Medical Program** ..... *Miss Spears*  
Functions of medical department  
Facilities and personnel  
Initial and periodic examinations  
Health education and advisory services

### *Tuesday*

- Media for Keeping Contact With Employees** ..... *Miss Seybold*  
Handbooks and employee magazines  
Company annual reports and special booklets  
Letters and other direct mail media  
Bulletin boards

- Cost of Living and Wage Figures—Uses and Abuses** ..... *Mr. Sayre*  
How a cost of living study is made  
What does it measure, and how?  
Main points in recent controversy  
Wage rates and average earnings  
Money earnings and “real” earnings

### **PRIVATE LUNCHEON at Hotel Waldorf-Astoria**

*Speaker*—Dr. Virgil Jordan, President  
National Industrial Conference Board

*Subject*—“**Labor Problems and Their Significance in the National Economy**”

- Trends in Collective Bargaining** ..... *Mr. Desser*  
Structure of Craft Unions, Industrial Unions, White Collar Unions,  
Unions of Professional Workers

### *Wednesday*

- Job Evaluation** ..... *Mr. Horning*  
Definition and objectives  
Selecting a measuring stick  
Steps in developing and installing job evaluation plan  
Direct and indirect advantages

- Employee Merit Rating** ..... *Mr. Raube*  
Definition and purposes  
Elements of a merit rating program  
Training raters and checking ratings  
Advantages and disadvantages of various rating plans

- Insurance and Benefit Plans** ..... *Miss Brower*  
Trends in group insurance plans  
Sick leave and hospitalization  
Dismissal compensation



**Government Regulations Affecting Hours of Work and Compensation.....** *Mr. Horning*

Main legislative restrictions  
 Executive orders and administrative interpretations  
 Incentives on office operations

*Thursday***Seniority.....** *Mr. Desser*

Company and department seniority  
 Transfers, layoffs and seniority  
 Attitudes of trade unions and employers  
 Postwar seniority problems

**Preparing for Veteran Reemployment.....** *Miss Spears*

Factors in program planning  
 Survey of veterans' interests  
 Fitting jobs to men and men to jobs  
 Physical and psychological problems

**Pension and Profit Sharing Plans.....** *Miss Brower*

Essentials of a sound pension plan  
 Main types of plans and their financing  
 Leading provisions of plans  
 Government regulations and restrictions

**Statistical Series of Significance to Personnel Administrators.....** *Mr. Gainsbrugh**Friday***Employee Suggestion Systems.....** *Mr. Horning*

History and development of suggestion plans  
 Important features of typical plans  
 Essentials for successful operation

**Employers' and Employees' Rights Under the National Labor Relations Act.....** *Mr. Desser*

Interpretations of Wagner Act by N.L.R.B.  
 Free Speech and the Wagner Act  
 Postwar collective bargaining  
 Government control after the war?

**Supervisory and Executive Training.....** *Mr. Raube*

Prerequisites and objectives  
 Principal methods employed  
 Subjects covered and conference leaders

**Individual consultations with members of the Staff****C. Publications in the Fiscal Year 1944-1945**

During the fiscal year 1944-45, THE CONFERENCE BOARD issued to its subscribers 230 publications, including:

- 3 books and 1 booklet
- 14 research reports
- 24 issues of regular monthly publications
- 4 issues of quarterly publication
- 25 Industry Record studies
- 52 Road Maps of Industry
- 52 Desk Sheets of Current Business Indications
- 4 Lists of Publications and Indexes
- 52 Previews



The above list does not include special services to co-operators and committee members or press releases. These number:

- 381 press releases
- 48 monthly surveys to co-operators
- 26 special studies

The principal change in the Board's publications during the past year was the conversion of *The Conference Board Economic Record* into *American Affairs*, a quarterly journal of thought and opinion edited by Mr. Garet Garrett.

The Board has continued to issue its regular monthly publications, *The Conference Board Business Record*, and *The Conference Board Management Record*, and its *Industry Record* studies, in "Wartime Editions," embodying numerous changes in format to assist in the paper conservation program.

The Board has endeavored to supply its Associates with information helpful in their policy-making and operations under war conditions, but increasing attention is being given to contract termination, cutbacks, reconversion, reemployment, and shifts in population due to the war, and to the multitude of problems that will confront business in the period of readjustment to peacetime production and distribution.

#### BOOKS, PAMPHLETS, REPORTS, MEMORANDA, AND ARTICLES

##### **Books**

- The Economic Almanac for 1944-45
- The Management Almanac, 1944
- Twenty-Eighth Annual Report of THE CONFERENCE BOARD
- The World's Biggest Business: American Public Spending, 1914-1944

##### **Indexes and Lists**

- Annual Index to *The Business Record*
- Annual Index to *The Management Record*
- List of Current Publications, January 1, 1945
- Annual List of *Road Maps of Industry*

##### **Agriculture**

- \*Food Production Near Record
- Food Supplies Large
- \*Meat Output Increasing
- New Records in Farm Real Estate
- News of the AAA
- \*Sugar and the Wars
- What is Free Agriculture?

\* Industry Reports.



***Business Administration***

Company Organization Charts

***Business Experience***

Allocating the Civilian Supply  
Distribution after the War  
Industry's Public Relations Job  
Peacetime Selling  
Rebuilding Industry's Sales Organization  
Significant Industrial Trends

***Corporate Affairs***

Corporate Finances at the Half Year  
Earnings on Net Worth  
First Quarter Corporate Earnings  
Upturn in Interest Rates  
Working Capital in Manufacturing

***Cost of Living***

A Clerical Worker Writes on Cost of Living  
Cost of Living in the United States and 63 Cities. Regular feature  
Indexes of Living Costs. Regular feature  
Living Cost Indexes on Wartime Budget Discontinued  
On the Cost of a Subsistence Budget  
Steelworkers' Wartime Expenditures  
Subsistence Budgets, 1944 Model

***Economic Conditions***

Flight from the Free Market  
Frame of the Future Market  
In a Swedish Mirror  
The Mind of American Business on Free Competitive Enterprise  
Modern Governments Must  
Public Versus Private Housing: A Review of the Washington Slum Clearance Controversy  
Review and Comment. Regular feature  
The Rising Form of a Planned Economy  
Selected Business Indicators. Regular feature  
The Spectacular Entry of Cooperatives into Production  
Winds of Opinion. Regular feature

***Employment and Unemployment***

But Who Will Guarantee Work?  
Employment. Regular feature  
Employment Trends. Regular feature  
Employment Trends in Manufacturing  
The Full Employment Hoax  
Let Us Tell Them the Truth  
Post-cancellation Employment



**Finance and Inflation**

- \*Control of Instalment Credit
- Federal Debt Changes in Fiscal Year 1943-44
- Measuring and Projecting National Income
- On Raising the National Debt Limit to One Third of a Trillion
- The Proposed Twenty-second Amendment

**Industrial Management**

- Aircraft Industry Union Contracts
- Briefs on Personnel Practices. Regular feature
- Cecil B. deMille's One-man Revolt
- Chronology of Labor Relations. Regular feature
- The Closed-shop Issue in Three States
- The Extreme Case against Unionism
- Factors Affecting Employee Morale
- Foreman Training in the Anthracite Industry
- Foremen Organization
- Foremen and Unions
- An Industrial Research Department
- Labor Meets the Boss in a Doghouse
- Labor and Technological Advance
- Monthly Review of Labor Statistics.
- The Moral and Economic Evils of Collective Bargaining
- Philosophy of James F. Lincoln, Industrialist
- Strikes and Turnover Rates. Regular feature
- This Suggestion System Steps Up Production
- Unionism as a Moral Imperative

**Industry Surveys**

- \*Aircraft Production Passes Peak
- Building Industry Awaits Green Light
- \*Chemicals: Alcohols and Acids
- \*Competition among Metals
- Cotton Textile Output Lags
- \*Cotton Textile Situation
- \*Demand for Office Machines
- \*Gasoline Supply, Rationing and the Black Market
- \*Impact of War on the Minor Metals
- \*The Lumber Situation
- \*Maintenance of Way and Structures
- Machinery Orders Tapering Off
- Manufacturers' Orders, Shipments and Inventories. Regular feature
- Measuring Industrial Production
- Military Needs Dominate Tire Industry
- New Munitions Indexes
- \*New Records for Department Store Trade
- On the Business Front. Regular feature
- \*Petroleum Reserves and Production
- \*Position of Small Glass and Tin Containers
- \* Industry Reports.



Postwar Prospects of Chemicals Industry  
Problems of the Wool Textile Industry  
\*Prospects for Alcoholic Beverage Industry  
Railroad Carloadings and Income  
\*Railroad Equipment Demand  
\*Railroads Look to the Future  
\*Revival of Private Construction  
Scrap Metal Prices Weaken  
Small Containers in Tight Supply  
Storage Battery Supply Critical  
Survey of Business Experience. Regular feature  
Transition in Merchant Ship Demand  
Trends in Machinery

### ***International and Foreign Affairs***

Cartel Idea in Oil  
A Critical Report on Bretton Woods  
Foreign Economic Developments  
Formation of Human Capital in the U.S.S.R.  
France on the New Road  
Great Britain Goes to a Planned Economy  
Inflationary Trends in Latin America  
Looking at England  
Lord Keynes' Preview of Bretton Woods  
Merchant Fleets in World Trade  
New Canadian Tax Changes  
Notes on the Foreign Trade Complex  
Omens of the Superstate Cartel  
A Policy for Wealth in Twenty Points  
The United States Abroad

### ***Taxation***

Carry-back, Carry-over and Refund Provisions  
Federal Fiscal Situation. Regular feature  
The Fiscal Realism of Beardsley Ruml  
Freedom and Taxes  
The Proposed Twenty-second Amendment  
Tax Carry-backs, Carry-overs and Refunds

### ***Wages and Hours of Work***

About Changes in Indexes of Earnings  
Clerical Salary Rates. Regular feature  
Clerical Salary Rates Paid in April, 1944  
Clerical Salary Rates Paid in October, 1944  
Earnings, Hours, Employment, and Payrolls. Regular feature  
Earning and Hours in the Gas and Electricity Industries  
Earnings and Hours: Class I Railroads  
Earnings and Hours in Manufacturing. Regular feature  
Earnings and Hours in Rayon Producing Industry  
Payroll Statistics in Manufacturing. Regular feature  
Plans for Annual Wage and Employment Guarantees

\* Industry Reports.



Recent Additions to Labor Statistics  
Revised Indexes of Man Hours and Payrolls, 25 Manufacturing Industries  
Standards of Living in Wage Negotiations  
Steel Panel Findings on Guaranteed Wage  
Wage and Salary Stabilization. Regular feature  
Wage-increase Announcements. Regular feature

### ***War Production and Its Problems***

C-Day Cash or Chaos  
Industrial Centers of War Activity  
Mythologies of Reconversion  
Notes on Reconversion  
Pricing in War Contracts  
\*Reconversion in the Automotive Industry  
Renegotiation Experience and Close Pricing  
Significant Labor Statistics. Regular feature  
War Contracts in 1944  
War Contracts: Their Regional Repercussions

### ***Wartime Personnel Practices and Problems***

Action Against Venereal Diseases  
Company Allowances for Dependents of Inducted Employees  
Designing a Company Pension Plan  
Developments in Employee Benefit Trusts  
Dismissal Compensation in Reconversion Period  
Employing Veterans with Neuropsychiatric Problems  
Employment of Handicapped Persons  
Employment of Heart Cases  
An Inventory of Employees' Skills  
L-M Committees Aid Safety  
L-M Committees Spur Production  
Medical Aspects of Veteran Reemployment  
On Observing V-E Day  
One Company's Plan for the Tuberculous  
A Plan for Rating Factory and Office Jobs  
Recent Development in Employee Trusts  
Reemployment of Veterans  
Seniority and Reemployment of Veterans  
Sheltered Workshops  
Sickness Compensation in Rhode Island  
Trends in Collective Bargaining. Regular feature  
Tuberculosis in Industry  
Vacation Policy for Part-time Workers  
Wage Incentive Practices  
War-risk Contribution Provisions  
Wartime Sanctions in Labor Disputes

\* Industry Reports.



## ROAD MAPS OF INDUSTRY

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- 442 Distribution of the Sales Dollar of Private Enterprise, United States, 1939-1943
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- 451 Industrial Production, United States, 1943-1944
- 452 Growth of Government-owned War Plant, United States, 1940-1944
- 453 Munitions Employment by States, May, 1944
- 454 War Bond Sales and Redemptions, Series E, Fiscal Year 1944
- 455 Employment and Productivity, Agriculture and Manufacturing, 1910-1943
- 456 Average Hourly Earnings of Wage Earners, 25 Manufacturing Industries, 1929-1944
- 457 Employment of Women, United States, 1940-1944
- 458 National Income and Federal Debt, United States, 1930-1943
- 459 Government-owned War Plant by Counties, 200 Counties with Largest Cumulative Total, June, 1940-May, 1944
- 460 Expenditures, Revenues, and Debt, Federal, State and Local, Fiscal Years 1913-1944
- 461 Growth of the Money Supply, United States, June 30, 1896-1944
- 462 Steel Production, United States, 1939-1944
- 463 Food Consumption Per Capita, United States, 1909-1944
- 464 NLRB Operations, Unfair Practice and Election Cases, July, 1941-September, 1944
- 465 Employed Workers, Covered by State Unemployment Compensation, 1939-1943
- 466 Lumber Production, by Regions, 1850-1943
- 467 Changes in Living Costs by Cities, United States, 1939-1944
- 468 Family Composition, United States, 1930 and 1940



- 469 Bank Holdings of Federal Securities, 1941-1944
- 470 Motor Car Registrations, United States, 1910-1944
- 471 Prices and the Cost of Living, United States, 1800-1944
- 472 Manufacturing Employment, by States, 1943-1944
- 473 Cotton Supply and Disappearance, United States, Crop Years 1929-1944
- 474 Federal Revenues, Expenditures, and Deficit, United States, Fiscal Years 1933-1946
- 475 Business Enterprises in Operation, United States, 1929, 1939, 1943
- 476 Weekly Clerical Salaries, Median Rates, 20 Cities, October, 1944
- 477 Farm Population, United States, April, 1940-April, 1944
- 478 Bituminous Coal, United States, 1942-1944
- 479 Foreign Trade, United States, 1910-1944
- 480 Employment and the Labor Force, United States, 1941-1944
- 481 Series E Bonds, Sales and Redemptions, January, 1944-January, 1945
- 482 Growth of Savings by States, 1939-1944
- 483 Distribution of the Population, United States, December, 1941 and December, 1944
- 484 Steel Products, Shipments to Consuming Industries, 1940-1944
- 485 Negro Employment and Population, United States, 1870-1944
- 486 Farm Assets and Liabilities, United States, 1940-1944
- 487 Hourly and Weekly Earnings, 29 Manufacturing Industries, February, 1945

### *Charts*

In addition to the regular weekly *Road Maps of Industry* and the charts in all Conference Board publications, the Chart Department during the past fiscal year provided special-purpose charts at the request of individual subscribers. The following new Wall Charts were issued, many were brought up to date, and a number of the older charts were redesigned:

- 212 Earnings, Output, and Capital Invested, Manufacturing, United States, 1899-1943
- 213 Government-owned War Plant, United States, 1940-1944
- 214 Earnings and Hours, All Wage Earners, 1929-1944
- 215 Industrial Production, United States, 1939-1944
- 216 Corporate Income, United States, 1909-1944
- 217 Production, Prices, and Earnings in Manufacturing, United States, 1899-1943
- 218 Corporate Profits, Ratios to Sales and Net Worth, 1926-1941
- 219 Labor Turnover Rates, Manufacturing, 1939-1944
- 220 Prices and Production, World War I and World War II
- 221 Prices and Cost of Living, United States, 1801-1944



- 222 Hours Worked, Selected Manufacturing Industries  
223 Private and Government Sources of National Income, 1900-1943  
224 Federal Nonwar Expenditures, Functional Distribution, Fiscal Years, 1914-1944

### D. Public Information

THE CONFERENCE BOARD is quoted in some newspaper or magazine practically every day of the year. Several times weekly, releases are prepared on the Board's current studies or on articles appearing in the Board's publications. These releases are sent to the press associations, to an extensive list of newspapers in every part of the country, and to leading financial and trade journals. The releases are not infrequently used two and more times by a single newspaper or news agency: as news, first, and then as bases for editorials and "feature" columns and stories.

Among the larger newspapers which have regularly utilized the Board's releases are *The New York Times*, *New York Herald-Tribune*, *Wall Street Journal*, *New York Sun*, *Hartford Courant*, *Christian Science Monitor*, *Baltimore Sun*, *Washington Post*, *Cleveland Plain-Dealer*, *Chicago Tribune* and *Chicago News*, *St. Louis Post-Dispatch*, *Atlanta Constitution*, *Dallas News*, *Los Angeles Times* and *San Francisco Examiner*.

The influence of the big-city dailies has often extended, through their syndicates, far beyond the range of their huge circulations.

Special releases have also been prepared each month on the Board's cost of living estimates for newspapers in twenty-seven of the cities which cooperate in this study.

Special mention should be made of the nation-wide attention afforded the speakers at the Board's 29th Annual Meeting. These sessions—the only meetings that were open to the press—were widely reported.

Testimony to the long-term value of Conference Board research is found in the wide use which has been made in books and articles of the Board's studies of past years.

Another means by which the public has been kept informed of Conference Board findings has been through reviews in



newspapers and magazines of "The Economic Almanac for 1944-45" Public speakers and radio commentators frequently refer to Conference Board data and to Conference Board releases.

In all, three hundred and eighty-one separate releases were sent out during the Board's past fiscal year. These releases were published in newspapers with an aggregate circulation of many millions and were of great value in popularizing the Board's research findings.

The following is a list of the principal releases issued during the past fiscal year:

*Releases Sent to Newspapers*

- 1412 Earnings Increase Light Despite Larger Sales
- 1413 Hourly, Weekly, "Real" Earnings Up; Employment Down
- 1414 Living Costs Rise 0.7 Per Cent. in April
- 1415 Manpower Needs and Labor Supply in Better Balance
- 1416 Living Costs Up in 57 of 63 Industrial Cities
- Special—An address at the General Session of the Twenty-Eighth Annual Meeting of the National Industrial Conference Board at the Waldorf-Astoria Hotel, May 18, 1944, by Ralph E. Flanders, President, Jones & Lamson Company
- Special—An address at the General Session of the Twenty-Eighth Annual Meeting of the National Industrial Conference Board at the Waldorf-Astoria Hotel, May 18, 1944, by Virgil Jordan, President of The Conference Board
- Special—An address at the General Session of the Twenty-Eighth Annual Meeting of the National Industrial Conference Board at the Waldorf-Astoria Hotel, May 18, 1944, by Dave Beck, Vice President, International Brotherhood of Teamsters
- Special—Williams, Jordan, Becker Again Head Conference Board
- 1417 Small Rural Communities Receive Proportionately Huge War Contracts
- 1418 Hourly Earnings Up; Weekly Earnings Down
- 1419 Living Costs Rise 0.3 Per Cent in May
- 1420 Living Costs Up in 49 of 63 Industrial Cities
- 1421 Living Costs Unchanged in June
- 1422 Earnings of Workers in Manufacturing at New Peaks
- 1423 Living Costs Up in 33 of 63 Industrial Cities
- 1424 Two-thirds of War Contracts to 33 Industrial Areas
- 1425 Latin America Builds Postwar Purchasing Power
- 1426 Living Costs Up 0.6 Per Cent in July
- 1427 July Living Costs Rose in 57 of 63 Industrial Cities
- 1428 Weekly Earnings in Manufacturing Reach \$49.23 in June
- 1429 Executives Favor "Hands-Off" Policy for Foreign Trade
- 1430 Cost of Living Steady in August
- 1431 August Living Costs Up in 33 Cities, Down in 23, Unchanged in 7



- Special—Resumption of Civilian Production to Be Discussed by Government and Business Speakers on Thursday
- 1432 Industrial Wages at All-time High in July
- 1433 Living Costs Down Slightly in September
- 1434 Heavy Regional Repercussions of War Contracts Expected after the War
- 1435 September Living Costs Down in 37 Cities, Up in 22, Unchanged in 4
- 1436 Industrial Wages Show First Decline Since January, 1940
- Special—An address at the General Session of the 264th Meeting of the National Industrial Conference Board at the Waldorf-Astoria Hotel, November 16, 1944, by Marriner S. Eccles, Chairman, Board of Governors of the Federal Reserve System
- Special—An address at the General Session of the National Industrial Conference Board at the Waldorf-Astoria Hotel, November 16, 1944, by Professor Leo Wolman, Professor of Economics at Columbia University
- 1437 Little Change in Living Costs in October
- 1438 Manufacturing Workers' Earnings at New High in September
- 1439 Small War Business Faces Perilous Period
- 1440 Living Costs Rise Slightly in November
- 1441 Manufacturing Workers' Earnings Down Fractionally in October
- 1442 November Living Costs Up in 43 Cities, Down in 15, Unchanged in 6
- Special—Murray, Randall and Taft to Discuss Question of Guaranteeing Employment and Purchasing Power
- Special—An address at the General Session of the 266th Meeting of the National Industrial Conference Board at the Waldorf-Astoria Hotel, January 18, 1945, by The Honorable Robert A. Taft, United States Senator from Ohio
- Special—An address at the General Session of the 266th Meeting of the National Industrial Conference Board at the Waldorf-Astoria Hotel, January 18, 1945, by Clarence B. Randall, Vice President, Inland Steel Company
- Special—An address at the General Session of the 266th Meeting of the National Industrial Conference Board at the Waldorf-Astoria Hotel, January 18, 1945, by Philip Murray, President of the Congress of Industrial Organizations
- 1443 Living Costs in the United States Rose 0.4 Per Cent in December
- 1444 Manufacturing Workers' Weekly Earnings at New All-time Peak in November
- 1445 Current Forecasts of Postwar National Income and Employment Called Overoptimistic
- 1446 Industry-by-Industry Solution for Surpluses Urged by Top Executives
- 1447 Manufacturing Workers' Earnings at New All-time Peaks in December
- 1448 Living Costs in United States Unchanged in January
- 1449 Costs Outstrip Productivity in Civilian Manufacturing



- 1450 Civilian Jobs down to 52 Million in 1944
- 1451 Public Housing Tested in Washington Slum Clearance Controversy
- 1452 Manufacturing Workers' Earnings Reach New All-time Peaks in January
- 1453 Living Costs in United States Down Slightly in February
- 1454 Business More Confident about Contract Terminations
- 1455 Manufacturing Workers' Earnings Decline in February
- 1456 Minor Decline in Cost of Living in United States in March
- 1457 Living Costs Decline in 38 out of 63 Cities in March

In addition to the methods of distributing public information mentioned above, members of the Board's Staff are frequently called upon to make addresses before business organizations, professional societies, and similar groups. While the pressure of work does not allow acceptance of all invitations, it is the policy of the Board to oblige in lending the services of its Staff Associates in this way whenever possible. The following list covers the principal instances of this type of service during the fiscal year 1944-1945.

- "HUMAN FREEDOMS AND GOVERNMENT DEFICITS," Dr. Jordan. Connecticut Public Expenditure Council, Hartford, Connecticut, May 25, 1944.
- "BUSINESS AND THE POSTWAR WORLD," Dr. Jordan. 28th Annual Meeting, Tanners' Council of America, Inc., New York City, October 13, 1944.
- "FACTS AND FANCIES ABOUT THE FUTURE," Dr. Jordan. 19th Annual Meeting, the Canton Chamber of Commerce, Canton, Ohio, October 26, 1944.
- "AN ECONOMIST'S INTERPRETATION OF SECTION 722 (b) (3) (A)," Paul W. Ellis. Third Annual Institute on Federal Taxation, Division of General Education, New York University, New York City, November 21, 1944.
- "INTERNATIONAL CARTELS," Dr. Jordan. The American Academy of Political and Social Science, Philadelphia, Pennsylvania, November 25, 1944.
- "RECONVERSION TO WHAT?" Dr. Jordan. Associated Industries of Massachusetts, Boston, Massachusetts, December 1, 1944.
- "SENIORITY RIGHTS AND UNIONS," Abraham A. Desser. Associated Industries of Massachusetts, Boston, Massachusetts, December 1, 1944.
- Address by Dr. Jordan. Dinner of Union Carbide and Carbon Company, New York City, January 23, 1945.
- "LABOR PROBLEMS AND THEIR SIGNIFICANCE IN THE NATIONAL ECONOMY," Dr. Jordan. Four discussion courses in personnel



problems conducted by the Management Research Division of THE CONFERENCE BOARD, The Waldorf-Astoria Hotel, New York City, January 26, February 9, March 2, and April 10, 1945.

"COLLECTIVE BARGAINING IN THE U. S. A.," Abraham A. Desser. Netherlands Study Group, New York City, March 19, 1945.

"POSTWAR LABOR COSTS AND PRICES," Martin R. Gainsbrugh. Society of Security Analysts, New York City, March 19, 1945.

"TRENDS IN COLLECTIVE BARGAINING," Abraham A. Desser. Delaware Chamber of Commerce, Wilmington, Delaware, March 29, 1945.

"FULL EMPLOYMENT AND FREEDOM IN AMERICA," Dr. Jordan. The Chicago Association of Commerce, Chicago, Illinois, April 18, 1945.

"FULL EMPLOYMENT AND FREEDOM IN AMERICA," Dr. Jordan. The Worcester Chamber of Commerce, Worcester, Massachusetts, April 26, 1945.

### **E. The Board's Flexible Research Program**

In no period of American history has business management faced such a rapid change in its problems. Hardly a phase of business operations can be relegated to routine procedures.

Business management must act on facts. THE CONFERENCE BOARD, with an eye to changing conditions in the national scene, adjusts its program to serve the practical needs of its Subscribing Associates.

Reconversion, with all of the besetting difficulties the word implies, is at hand. Helpful information, based on studies scientifically conducted, will be developed by the Board's four research divisions.

*The Division of Business Statistics:* The geographic and regional pattern of American industry has been drastically altered under the war economy. Major emphasis in the research activities of the Division of Business Statistics during the coming year will be focused upon a continuing examination of these changes and their underlying significance to American business. As reconversion grows and cut-backs mount, increasing requests for material regarding regional business activity are anticipated. Reconversion unemployment will be particularly concentrated in war-mushroomed areas. Wide variations will exist in the elasticity of the labor



supply, and there will be a vital interest in the progress of re-employment in these depressed localities and in geographic differentials in labor costs.

The Division has already prepared to meet this demand for information by assembling available data on the trends in regional activity, including such measures as bank debits, electric power consumption, telephone installations, automobile registrations and other revealing series. To meet the growing interest in the intensive exploration of domestic markets, studies are also being prepared of capital investment in the various states and localities, trends in output per man hour and in unit labor costs for major industry groups—by geographic areas wherever possible, and on other significant economic variations between industrial sectors.

Interest has also mounted in international comparisons of labor costs, productivity, standards of living, wages and prices. During the past three decades the Board has assembled in its files a wealth of material bearing upon these comparisons and these will be brought up-to-date and augmented as foreign material, hitherto shut off by the war, becomes available for study. Plans are currently under way for the appointment of foreign correspondents in important foreign countries, a practice already well established until its discontinuance became necessary at the start of the war. Through this mechanism, the research contributions of the Board will be made available on an international basis and, in return, a steady stream of reliable information and opinion regarding economic conditions abroad will be received by the Board and passed on to its Associates.

In addition to its regular reporting activities, the Division of Business Statistics during the past year has been engaged in bringing to completion the first of a proposed series of industry basebooks. The initial volume of this new member of the Board's Almanac family will be devoted exclusively to the petroleum industry. With the completion of this pioneer study, the Division will move on to other major industries, having in mind the long-term objective of a series of convenient and authoritative basebooks of industrial data for each of the key sectors of American enterprise.

For many months the Division has also been engaged in



the preparation of an elaborate corporate sample from which current trends in corporate income, operating costs, and profits can be more readily and authoritatively determined. As in the case of regional measures, the objective here is to provide significant economic data suitable for business planning, on as rapid and convenient a reporting schedule as possible.

Another important sector of exploration by the Division in the months ahead is the continuing study of public and private housing, particularly with respect to the provision of housing for low-income groups. The first of these studies, "Public vs. Private Housing," has already directed national attention to the growing volume of government subsidization in housing, and the impact of this growth upon the provision of low-rent homes by private builders. Significant industrial developments will continue to be analyzed in the Board's industry studies in *The Conference Board Industry Record* and *The Conference Board Business Record*, with increasing attention to new technological developments and the introduction of new products.

Continuing the preparation of studies sponsored by The Scherman Foundation, the Division has steadily expanded its analysis of the significance of imports, with particular regard to the effect of imports upon employment and domestic business activity. To date, some twenty-five reports have been prepared for key industries, in which imports directly or indirectly condition the volume of employment. A like number of surveys are contemplated for the coming year.

*The Division of Business Practices:* This Division was organized in 1944 for the purpose of collecting and disseminating to the Associates of THE CONFERENCE BOARD data and information on prevailing corporate practices in the fields of administrative policy, financial policy, and manufacturing and distributive techniques. Information is drawn from all reliable sources, but the most important are the large number of companies and organizations which regularly cooperate with the Board by supplying their data and experience. This practical and up-to-the-minute information is analyzed and interpreted by a staff of qualified specialists and the results are made available to Cooperators and Sub-



scribing Associates either through the Board's *Studies in Business Policy* or through shorter surveys and analyses appearing in *The Conference Board Business Record*.

During its first year of operation the activities of the Division of Business Practices have been concentrated largely on the problems that will confront industry in the coming reconstruction and reconversion period. Several surveys have been made and conferences have been held on postwar marketing problems, and the results of these have been published in part in *Studies in Business Policy* No. 3, "Rebuilding Industry's Sales Organization." Work is under way on two further studies in the field of distribution: one will examine in detail the organization, activities and techniques employed by Market Research Departments in private industry; the other will analyze methods used in setting up sales territories. Other organizational problems being studied, and on which reports will be released during the summer, include a thorough analysis of cartels and international trade arrangements, and a study of the place of cooperatives in the American economy.

Corporate financial problems currently being covered by the Division include repricing of government contracts; tax relief, with special emphasis on relief under Section 722; budgetary control in industry; and company policies in compensating executives. A report has already been released on "Company Policies on Donations," *Studies in Business Policy*, No. 7.

The work of the Division of Business Practices will continue to emphasize reconversion problems in the year to come. Projects planned include such subjects as the role of industrial standardization in the postwar world; the organization and operation of an effective public relations program; the duties, responsibilities and remuneration of company directors; the problem of plant relocation; and company organization for foreign trade. By pooling the business experience and the practical opinions of the thousands of Cooperating Associates of THE CONFERENCE BOARD, the forward-looking reports which will come out of these studies should be of practical value to Subscribing Associates.

The staff of the Division of Business Practices is always



available to Associates for conference and consultation. During the past year many company executives have conferred with the Division's experts, especially with those in the fields of accounting, taxation, foreign trade and company organization. Frequently such consultations result in increased practical application to an industry's specific administrative problem of reports already issued or of unpublished data contained in the Division's files.

*The Division of Management Research:* The work of the Management Research Division covers the field of day-to-day operating routines and problems of factory and office which center primarily about human relations. These routines and problems are concerned with the relations between employers and employees, between employers and labor organizations, and between either or both and the government agencies established to regulate or supervise labor relations.

For the past five years the Division has concentrated on the task of aiding in the maximum utilization of America's vast manufacturing potential by making available accurate and timely information regarding the methods devised for dealing with many of the problems of plant operation or personnel administration that have either been created or intensified by war conditions. Now, however, when industry must continue to seek solutions for war production problems and at the same time attempt to be prepared to cope with postwar conditions, the Division is equipping itself to devote an increasing measure of its effort to the study of procedures for dealing effectively with the problems that are likely to assume prominence during the next few years.

In some instances the Division plans to conduct studies of practices and techniques which have largely but temporarily been displaced by the war and which may require new adaptations of the older procedures in order to secure the most equitable working relationship between management and employees under postwar conditions. At the same time through its constant contact with a large number of Associates and Cooperators the Division will engage in studies of new techniques and problems in such fields as training, compensation policy, collective bargaining, employee benefits, organizational structure and functions of the personnel



department, employee morale, and employment policies, particularly with respect to the reemployment of returning veterans.

The Division will continue to bring the results of its research to the Board's Associates through *The Conference Board Management Record*. The series of *Studies in Personnel Policy*, and "The Management Almanac," and through personal consultation, correspondence and telephone contacts. Serious consideration is also being given to again holding, perhaps on a more advanced level, the seminar courses in "Prevailing Practices in Personnel Administration" which were so well received in the four sessions held in January, February, March and April, 1945, and which were attended by more than 300 representatives of industry and labor. In these courses, if they are repeated, and in its research and conference activities it will be the aim of the Management Research Division to continue to bring to the Associates of the Board an unbiased and objective picture of company experience, experimental procedures, and new or special techniques in the field of industrial human relations.

*The Division of Labor Statistics:* As its name implies, this Division is concerned with the preparation and interpretation of many series of statistical data useful in the solution of problems arising from the handling of personnel. As conditions in the national scene change, it is imperative that management, labor and government alike have the facts in order to answer pressing questions speedily and adequately. Others who are interested in the problems of workers—economists, statisticians, students—also need reliable data if their work is to be constructive and fruitful.

The Division of Labor Statistics, as its principal function, regularly compiles and publishes statistical measures of trends affecting labor. These long-term series of data afford accurate measurements of current situations and afford the basis for comparisons with the past. Included among these measures are a number of Conference Board "firsts," such as the cost of living index for the United States and the hourly earnings and hours series for manufacturing industries. Regular compilations of statistical series from original survey sources are as follows:



1. Earnings and hours in 29 manufacturing industries (Monthly)
2. Earnings and hours in the production and distribution of gas and electricity (Semiannually)
3. Cost of living in the United States and 64 individual cities (Monthly)

Additional series derived from published sources are:

1. Earnings and hours on Class I Railroads (Monthly)
2. Wage rates of hired farm labor (Quarterly)
3. Origin of labor disputes (Monthly)

These measures are regularly published in detail in *The Conference Board Management Record*. They also appear in abridged form in *The Conference Board Business Record*, in "The Management Almanac," in "The Economic Almanac," and in such outside publications as *The Survey of Current Business* (United States Department of Commerce).

Besides these basic studies, the Division analyzes developments in its field for the information of the Board's Subscribing Associates. The most recent study of this type was "Standards of Living in Wage Negotiations."

Special investigations to aid in solving particular problems are made for Subscribing Associates. They cover the many aspects of labor statistics. Illustrations of this phase of the Division's work are:

1. Preparation of cost of living indexes for cities for which no indexes are currently published.
2. Studies of family expenditure habits.
3. Measurement of comparative living costs between localities.
4. Compilation of special-purpose retail price indexes.
5. Special analyses of wage data to provide information by industrial breakdowns or by geographical localities.

The Division has also prepared considerable special material for use in cases before the War Labor Board and in other price and wage proceedings. The number of such special investigations made, of course, is contingent upon the availability of time and personnel to conduct them.

The Division will continue to afford consultation service on the availability and use of labor statistics for the Board's Associates.



## IV

### TREASURER'S REPORT

**For the Fiscal Year Ended April 30, 1945**

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*To Members and Associates of THE CONFERENCE BOARD:*

**V**-E DAY has come and gone. American business may well be proud of the contribution which it made toward the defeat of Germany. The tremendous quantities of matériel which it is now producing and must continue to produce tend to keep the losses of our men in the Armed Forces at a minimum, while helping to overwhelm our enemies in the Pacific. The full story of the production achievements of American business will probably never be told, but the results must fill every American with pride and satisfaction.

THE NATIONAL INDUSTRIAL CONFERENCE BOARD, like all business institutions, concentrated its efforts during the past year upon activities which were in support of the war effort. As this is a business report for the fiscal year 1944-1945, only the high spots of the financial aspects of the Board's operations will be reviewed.

The number of Subscribing Associates served by the Board has reached 2,512, an all-time high. Though a substantial part of the increase came during the war, there has been a continuous upward trend for twelve consecutive years, starting during the depths of the depression in 1933.

Gross operating income was \$681,940.17 in the fiscal year 1944-1945, an increase of \$80,620.68 over the year 1943-1944. Operating expenses during the past year increased \$80,024.04 over those of the preceding year, and totaled \$607,492.96. After providing \$50,000 out of the Operating Fund for long-range research and development, the Operating Fund balance for the year was \$24,447.21, of which \$20,000 was transferred to the Reserve Fund. Income ex-



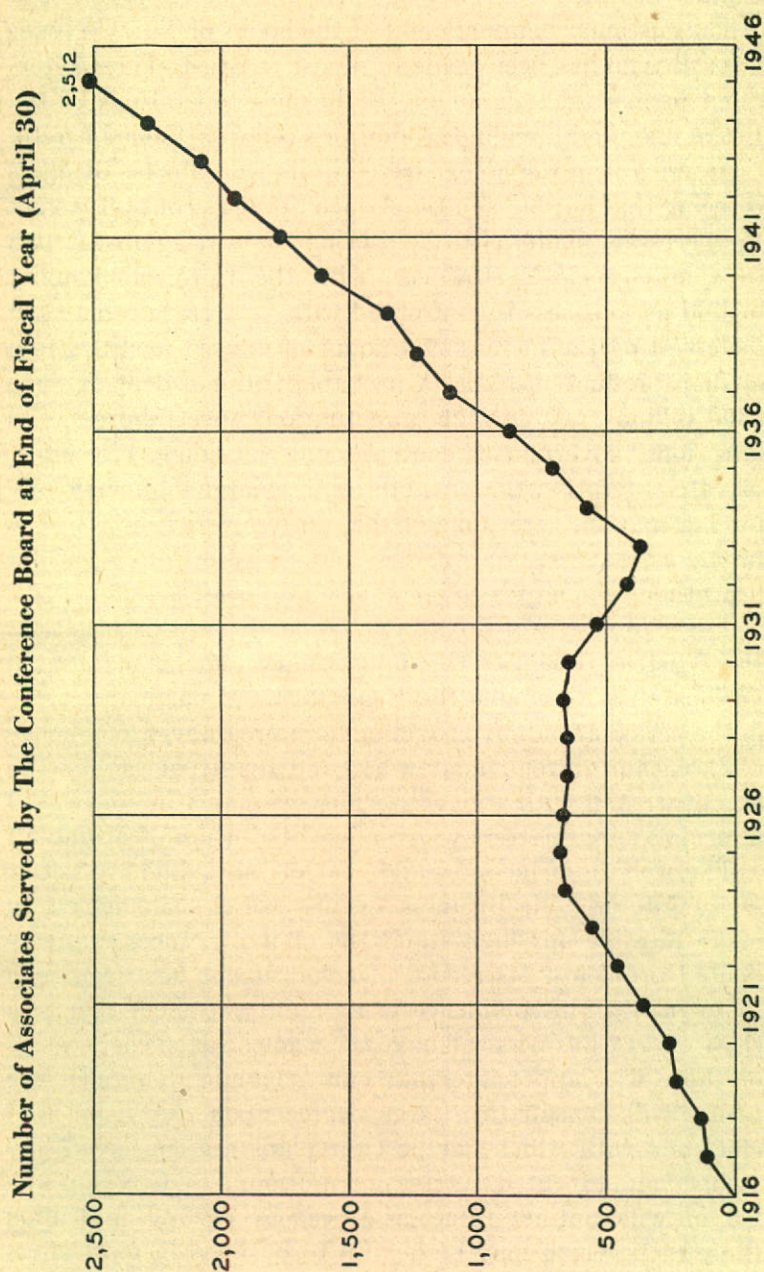
ceeded the estimates in the budget, while the expenses were less than the estimates. Efficient management is responsible for these continued satisfactory results.

The foundation of the success of THE CONFERENCE BOARD is its ability to follow current trends of economic and social significance and to bring together the facts necessary to help business meet them. The foregoing figures reflect the appreciation by Associates of the alert and effective administration of Dr. Virgil Jordan and his Staff. Aside from the unprecedented amount of service which they have rendered to Subscribing Associates, they have initiated several new projects in the field of the Board's conference work and publications of high potential value from the standpoint of the future welfare of business. In the course of these achievements they encountered the same problems as confronted management generally, such as the loss of valuable personnel and rising operating costs. In spite of these difficulties, they have operated on an economical basis and in a thoroughly business-like manner.

Economic tides are bound to ebb and flow. Accordingly, it is necessary for business to build reserves, when funds are available, to help maintain essential operations during periods of depression. Regarding this as axiomatic, THE CONFERENCE BOARD has given continued attention to the expansion of its Reserve Fund. At the end of the fiscal year this amounted to \$449,472.41, an increase of \$56,280.56 over the preceding year. Most of this increase came from additional contributions by Subscribing Associates. As the value of the Reserve Fund, in terms of the current purchasing power of the dollar, is materially less than it seems, additional contributions will be most welcome.

A word about the care of the Reserve Fund. As this is viewed as a trust fund, which is to be used in times of emergency or to meet the uncertainties of the future, it is invested primarily with the idea of safety of principal. Accordingly, all but \$34,593.91, which is cash, is invested in government securities. Emphasis has been placed upon varying maturities, particularly short-term obligations, in order that cash may be available from time to time in the event it should prove necessary. Much credit is due to our Finance Com-







mittee, of which Mr. Harry E. Ward is Chairman, for the manner in which it has managed the Board's Reserve Fund.

The customary annual audit of the books of THE CONFERENCE BOARD has been made by Ernst & Ernst. Those interested in more details about the business operations of the Board may find them in the auditor's report attached hereto.

America is in the home stretch in its war efforts. Business is seeing that our boys in the Armed Services continue to get the necessary matériel to help bring the war against Japan to a speedy close. However, with the European conflict behind us, business is confronted with very real problems in reconverting the increasing amount of unused facilities to a civilian production basis. A probable national debt of some \$300 billions, the current tax situation, uncertainties as to how long government controls and subsidies will affect private enterprise, the possibilities of enlarged domestic and foreign markets, are some of the matters which give rise to problems that require practical and realistic thinking if our peacetime economy is to be on a sound basis.

THE CONFERENCE BOARD can be helpful in this situation. Its Trustees recognize this opportunity and have initiated various plans to enable the Board to be of particular value in the period ahead, by providing for a program of long-range research and development work, and by strengthening the executive staff with a view to wider dissemination of factual information on matters which affect the future of business.

The welfare of business and that of the public are necessarily interrelated. Business genius, which has helped to make possible our high standards of living, faces unprecedented problems. Its record of achievement has been such as to justify full confidence in its ability to meet them. In these efforts, business will have the wholehearted cooperation of those who appreciate that our economic welfare in the future will depend to a large degree upon the vision and efficiency with which our postwar plans are conceived, developed and executed. As its contribution, THE CONFERENCE BOARD will continue to act as a beacon—casting light upon those facts which may be helpful to business in most effectively serving the public.

Respectfully submitted,  
JAMES L. MADDEN, *Treasurer*



## AUDITORS' CERTIFICATE

## NATIONAL INDUSTRIAL CONFERENCE BOARD, INC.

We have examined the balance sheet of NATIONAL INDUSTRIAL CONFERENCE BOARD, INC., as of April 30, 1945, and the statement of income and expenses for the fiscal year then ended, have reviewed the system of internal control and the accounting procedures of the Board and, without making a detailed audit of the transactions, have examined or tested accounting records of the Board and other supporting evidence, by methods and to the extent we deemed appropriate. Our examination was made in accordance with generally accepted auditing standards applicable in the circumstances and included all procedures which we considered necessary.

In our opinion, the accompanying balance sheet and related statement of income and expenses present fairly the position of NATIONAL INDUSTRIAL CONFERENCE BOARD, INC., at April 30, 1945, and the results of its operations for the fiscal year, in conformity with generally accepted accounting principles applied on a basis consistent with that of the preceding year.

ERNST &amp; ERNST

New York, N. Y.  
May 16, 1945

## BALANCE SHEET

April 30, 1945

## OPERATING FUND

## ASSETS:

Cash for general purposes .....	\$121,258.06
Special deposits:	
For employees benefits reserve .....	22,337.60
For employees bond purchases, tax withholding, etc. ....	5,621.22
U. S. Government securities—at cost (including accrued interest) ...	303,729.17
Accounts receivable for investigations, subscriptions, service, sale of publications, etc.—less allowance .....	23,109.98
Inventory of supplies—at cost .....	12,504.87
Furniture, fixtures, and library—depreciated to a nominal value of ..	1.00
	<u>\$488,561.90</u>

## LIABILITIES:

Accounts payable .....	\$ 9,457.56
Staff annuity insurance premiums reserve .....	23,823.85
Employees benefits reserve .....	22,337.60
Employees bond purchases, tax withholding, etc. ....	5,621.22
Appropriation for long-range research and development .....	50,000.00
Revenue applicable to subsequent period operations .....	335,881.87
Operating Fund balance at April 30, 1945 .....	41,439.80
	<u>\$488,561.90</u>

## RESERVE FUND

## ASSETS:

Cash on deposit* .....	\$ 34,593.91
Investments—U. S. Government securities—at cost (including accrued interest) .....	414,878.50
Reserve Fund balance at April 30, 1945 .....	<u>\$449,472.41</u>

\*Includes amount subsequently authorized as a transfer from Operating Fund.



# INCOME AND EXPENSES

Fiscal Year Ended April 30, 1945

## OPERATING FUND

### INCOME:

Subscriptions and contributions.....	\$593,716.18
Special investigations—reimbursement of costs.....	64,728.78
Sale of publications.....	13,674.69
Personnel courses—registration fees.....	7,395.00
Interest.....	2,425.52

TOTAL INCOME.....	\$681,940.17
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### EXPENSES:

Salaries and outside research services.....	\$375,438.77
Outside clerical services.....	13,893.68
Printing.....	85,015.12
Postage, express, etc.....	31,210.75
Rent.....	25,446.74
Office supplies and expenses.....	11,710.73
Traveling, etc.....	12,275.74
Meetings.....	3,693.74
Telephone and telegraph.....	6,080.08
Electricity.....	3,457.51
Furniture and fixture costs.....	8,381.46
Library books, periodicals, etc.....	3,556.58
Provision for staff annuity insurance premiums.....	21,600.00
Sundry.....	5,732.06

TOTAL EXPENSES.....	\$607,492.96
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Appropriated for long-range research and development.....	50,000.00
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657,492.96

OPERATING FUND BALANCE FOR THE YEAR.....	\$ 24,447.21
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Operating Fund balance—May 1, 1944.....	36,992.59
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\$ 61,439.80

Deduct—Portion of Operating Fund balance transferred to Reserve Fund, as authorized on May 15, 1945.....	20,000.00
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OPERATING FUND BALANCE—April 30, 1945.....	\$ 41,439.80
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## RESERVE FUND

### ADDITIONS:

Contributions.....	\$ 32,385.00
Interest income.....	3,895.56
Transfer from Operating Fund as above.....	20,000.00

\$ 56,280.56

RESERVE FUND BALANCE—May 1, 1944.....	393,191.85
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RESERVE FUND BALANCE—April 30, 1945.....	\$449,472.41
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PART II

*Personnel and Associates*  
*of*  
*The Conference Board*







## V

### PERSONNEL ASSOCIATED WITH THE CONFERENCE BOARD

(As of June 1, 1945)

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#### OFFICERS

*Chairman:* COLONEL J. F. DRAKE  
President, Gulf Oil Corporation  
Pittsburgh, Pa.

*Vice-Chairman:* NEAL DOW BECKER  
President, Intertype Corporation  
Brooklyn, N. Y.

*Vice-Chairman:* EDGAR MONSANTO QUEENY  
Chairman of the Board, Monsanto Chemical Company  
St. Louis, Mo.

*Vice-Chairman:* HARRY E. WARD  
Chairman of the Board, Irving Trust Company  
New York City

*Vice-Chairman:* LANGBOURNE M. WILLIAMS, JR.  
President, Freeport Sulphur Company  
New York City

*President:* VIRGIL JORDAN  
247 Park Avenue, New York City

*Treasurer:* ROLLAND J. HAMILTON  
Secretary & Treasurer, American Radiator & Standard Sanitary  
Corporation  
New York City

*Secretary & Executive Vice-President:* LEONARD E. READ  
247 Park Avenue, New York City

**TRUSTEES OF THE BOARD**

NEAL DOW BECKER, *Chairman*

**Term Ending in 1946**

**WM. W. BODINE**

Financial Vice-President, The Penn Mutual Life Insurance  
Company, Philadelphia, Pa.

**IRÉNÉE DU PONT**

E. I. du Pont de Nemours & Company, Incorporated  
Wilmington, Del.

**H. J. HEINZ, II**

President, H. J. Heinz Company, Pittsburgh, Pa.

**C. W. KELLOGG**

President, Edison Electric Institute, New York City

**JAMES S. KEMPER**

Chairman, Lumbermens Mutual Casualty Company  
Chicago, Ill.

**FRED I. KENT**

President, Council of New York University, New York City

**EDWARD F. McGRADY**

Vice-President, Radio Corporation of America  
Washington, D. C.

**HON. EUGENE MEYER**

Editor and Publisher, *The Washington Post*, Washington, D. C.

**HOWARD S. PALMER**

President, The New York, New Haven and Hartford Railroad  
Company, New Haven, Conn.

**RALPH H. TAPSCOTT**

President, Consolidated Edison Company of New York, Inc.  
New York City



**Term Ending in 1947****CLIFFORD S. ANDERSON**

General Counsel, Norton Company, Worcester, Mass.

**LOUIS S. CATES**

President, Phelps Dodge Corporation, New York City

**ARTHUR M. COLLENS**President, Phoenix Mutual Life Insurance Company  
Hartford, Conn.**DAVID A. CRAWFORD**

President, Pullman Incorporated, Chicago, Ill.

**JOHN F. DEASY**Vice-President, The Pennsylvania Railroad Company  
Philadelphia, Pa.**F. W. LOVEJOY**Chairman of the Board, Eastman Kodak Company  
Rochester, N. Y.**JAMES L. MADDEN**Second Vice-President, Metropolitan Life Insurance Company  
New York City**JOHN WYCKOFF METTLER**

President, Interwoven Stocking Company, New Brunswick, N. J.

**HARRY E. WARD**Chairman of the Board, Irving Trust Company  
New York City**ALBERT N. WILLIAMS**President, The Western Union Telegraph Company  
New York City

**Term Ending in 1948****NEAL DOW BECKER**

President, Intertype Corporation, Brooklyn, N. Y.

**WILLIS H. BOOTH**

Director, Commercial Solvents Corporation, New York City

**W. GIBSON CAREY, JR.**President, The Yale & Towne Manufacturing Company  
New York City**COLONEL J. F. DRAKE**

President, Gulf Oil Corporation, Pittsburgh, Pa.

**DAVID M. GOODRICH**Chairman of the Board, The B. F. Goodrich Company  
New York City**ROLLAND J. HAMILTON**Secretary & Treasurer, American Radiator & Standard Sanitary  
Corporation, New York City**JOHN HENRY HAMMOND**

Partner, Hines, Rearick, Dorr &amp; Hammond, New York City

**EDGAR MONSANTO QUEENY**Chairman of the Board, Monsanto Chemical Company  
St. Louis, Mo.**LANGBOURNE M. WILLIAMS, JR.**

President, Freeport Sulphur Company, New York City

**S. CLAY WILLIAMS**Chairman, Board of Directors, R. J. Reynolds Tobacco Company  
Winston-Salem, N. C.



**REGULAR MEMBERS OF THE BOARD**

- S. C. ALLYN, President, The National Cash Register Company, Dayton, O.
- CLIFFORD S. ANDERSON, General Counsel, Norton Company, Worcester, Mass.
- WILLIAM C. APPLETON, President, American Viscose Corporation, Wilmington, Del.
- SEWELL L. AVERY, Chairman of the Board, Montgomery Ward & Company, Inc., Chicago, Ill.
- DONALD C. BARNES, President, Engineers Public Service Company, Inc., New York City.
- W. L. BATT, President, SKF Industries, Inc., Philadelphia, Pa.
- H. C. BEAVER, Vice Chairman, Worthington Pump & Machinery Corporation, New York City.
- NEAL DOW BECKER, President, Intertype Corporation, Brooklyn, N. Y.
- F. G. BEMIS, President, Bemis Bro. Bag Co., Boston, Mass.
- A. D. BERNING, Resident Partner, Ernst & Ernst, New York City.
- G. A. BLACKMORE, President, Westinghouse Air Brake Company, Wilmerding, Pa.
- THOMAS H. BLODGETT, President, American Chicle Company, New York City.
- WM. W. BODINE, Financial Vice-President, The Penn Mutual Life Insurance Company, Philadelphia, Pa.
- WILLIS H. BOOTH, Director, Commercial Solvents Corp., New York City.
- W. O. BRIGGS, Chairman of Board, Briggs Manufacturing Company, Detroit, Mich.
- A. T. BROWN, Executive Vice-President, Caterpillar Tractor Co., Peoria, Ill.
- LEWIS H. BROWN, President, Johns-Manville Corporation, New York City.
- HARRY A. BULLIS, President, General Mills, Inc., Minneapolis, Minnesota.
- DR. W. RANDOLPH BURGESS, Vice-Chairman, The National City Bank of New York, New York City.
- GEORGE W. BURPEE, President, General Aniline & Film Corporation, New York City.
- C. L. CAMPBELL, President, The Connecticut Light & Power Company, Hartford, Conn.
- W. GIBSON CAREY, JR., President, The Yale & Towne Manufacturing Company, New York City.



- DUDLEY CATES, Chicago, Ill.
- LOUIS S. CATES, President, Phelps Dodge Corporation, New York City.
- R. L. CLAUSE, Vice Chairman Board of Directors, Pittsburgh Plate Glass Company, Pittsburgh, Pa.
- L. R. CLAUSEN, President, J. I. Case Company, Racine, Wis.
- JOHN A. COE, Chairman of the Board, The American Brass Company, Waterbury, Conn.
- S. K. COLBY, Vice-President, Aluminum Company of America, Pittsburgh, Pa.
- WILLIAM W. COLEMAN, Chairman, Bucyrus-Erie Company, South Milwaukee, Wis.
- S. BAYARD COLGATE, Chairman of the Board, Colgate-Palmolive-Peet Company, Jersey City, N. J.
- ARTHUR M. COLLENS, President, Phoenix Mutual Life Insurance Company, Hartford, Conn.
- ROBERT H. COLLEY, President, The Atlantic Refining Company, Philadelphia, Pa.
- DAVID A. CRAWFORD, President, Pullman Incorporated, Chicago, Ill.
- F. C. CRAWFORD, President, Thompson Products, Inc., Cleveland, O.
- C. DONALD DALLAS, President, Revere Copper and Brass Incorporated, New York City.
- F. B. DAVIS, JR., Chairman, United States Rubber Company, New York City.
- JOHN F. DEASY, Vice-President, The Pennsylvania Railroad Company, Philadelphia, Pa.
- H. L. DERBY, Vice-President, American Cyanamid Company, New York City.
- ALBERT B. DICK, JR., President, A. B. Dick Company, Chicago, Ill.
- ARTHUR O. DIETZ, President, Commercial Investment Trust Corporation, New York City.
- LEWIS W. DOUGLAS, President, The Mutual Life Insurance Company of New York, New York City.
- COLONEL J. F. DRAKE, President, Gulf Oil Corporation, Pittsburgh, Pa.
- THOMAS DREVER, President, American Steel Foundries, Chicago, Ill.
- LAMMOT DU PONT, Chairman of the Board, E. I. du Pont de Nemours & Company, Incorporated, Wilmington, Del.
- CHARLES E. EBERT, President, Philadelphia Transportation Company, Philadelphia, Pa.
- IRVING N. ESLEECK, President, Esleeck Manufacturing Company, Turners Falls, Mass.



- ALEXANDER D. FALCK, Honorary Chairman of the Board, Corning Glass Works, Elmira, N. Y.
- SAMUEL FERGUSON, Chairman & President, The Hartford Electric Light Company, Hartford, Conn.
- HARVEY S. FIRESTONE, JR., President, The Firestone Tire & Rubber Company, Akron, O.
- JAMES F. FOGARTY, Chairman, Executive & Finance Committee, The North American Company, New York City.
- JAMES D. FRANCIS, President, Island Creek Coal Company, Huntington, W. Va.
- DUNCAN W. FRASER, President, American Locomotive Company, New York City.
- RALPH W. GALLAGHER, Chairman of the Board, Standard Oil Company (New Jersey), New York City.
- A. A. GARTHWAITE, President, Lee Rubber & Tire Corporation, Conshohocken, Pa.
- R. E. GILLMOR, President, Sperry Gyroscope Company, Inc., Great Neck, New York.
- WILLIAM B. GIVEN, JR., President, American Brake Shoe Company, New York City.
- DAVID M. GOODRICH, Chairman of the Board, The B. F. Goodrich Company, New York City.
- WILLIAM J. GRAHAM, Vice-President, The Equitable Life Assurance Society of the United States, New York City.
- DE FOREST GRANT, President, Laredef Corporation, New York City.
- WILLIAM S. GRAY, JR., President, Central Hanover Bank and Trust Company, New York City.
- E. B. GREENE, President, The Cleveland-Cliffs Iron Company, Cleveland, O.
- GEORGE E. GREGORY, Vice President, Owens-Corning Fiberglas Corporation, Toledo, Ohio.
- F. G. GURLEY, President, The Atchison, Topeka and Santa Fe Railway System, Chicago, Illinois.
- ROLLAND J. HAMILTON, Secretary & Treasurer, American Radiator & Standard Sanitary Corporation, New York City.
- CHARLES J. HARDY, Chairman of the Board, American Car and Foundry Company, New York City.
- GEORGE L. HARRISON, President, New York Life Insurance Company, New York City.
- RICHARD HARTE, President, Ames Baldwin Wyoming Company, Parkersburg, W. Va.
- H. J. HEINZ, II, President, H. J. Heinz Company, Pittsburgh, Pa.



- PAUL G. HOFFMAN, President, The Studebaker Corporation, South Bend, Ind.
- W. T. HOLLIDAY, President, The Standard Oil Company of Ohio, Cleveland, Ohio.
- CHARLES R. HOOK, President, The American Rolling Mill Company, Middletown, O.
- H. M. HOOKER, President, Hooker Electrochemical Company, Niagara Falls, N. Y.
- R. A. HUMMEL, President-General Manager, Lone Star Cement Corporation, New York City.
- CLARENCE E. HUNTER, Vice-President, The New York Trust Company, New York City.
- AUSTIN S. IGLEHEART, President, General Foods Corporation, New York City.
- B. BREWSTER JENNINGS, President, Socony Vacuum Oil Company, Inc., New York City.
- HARRISON JONES, Chairman of the Board, The Coca-Cola Company, Atlanta, Ga.
- JAMES S. KEMPER, Chairman, Lumbermens Mutual Casualty Company, Chicago, Ill.
- LAURENCE S. KENNEDY, President, Marsh & McLennan, Inc., New York City.
- JAMES S. KNOWLSON, President and Chairman of the Board, Stewart-Warner Corporation, Chicago, Illinois.
- HERBERT V. KOHLER, President, Kohler Company, Kohler, Wis.
- KINGSLEY KUNHARDT, Vice-President, Guaranty Trust Company of New York, New York City.
- J. M. LARKIN, Vice-President, Bethlehem Steel Company, Inc., Bethlehem, Pa.
- J. P. LEVIS, President, Owens-Illinois Glass Company, Toledo, O.
- H. E. LEWIS, President, Jones & Laughlin Steel Corporation, Pittsburgh, Pa.
- H. P. LIVERSIDGE, President, Philadelphia Electric Company, Philadelphia, Pa.
- JOHN R. LOTZ, Chairman of the Board, Stone & Webster Engineering Corporation, New York City.
- F. W. LOVEJOY, Chairman of the Board, Eastman Kodak Company, Rochester, N. Y.
- THOMAS LUKE, Director, West Virginia Pulp & Paper Company, New York City.
- ROBERT L. LUND, Director, Lambert Pharmacal Company, St. Louis, Mo.
- H. M. McADOO, President, The United States Leather Company, New York City.



- FOWLER McCORMICK, President, International Harvester Company, Chicago, Ill.
- EDWARD F. McGRADY, Vice-President, Radio Corporation of America, Washington, D. C.
- JAMES H. MCGRAW, JR., President, McGraw-Hill Publishing Company, Inc., New York City.
- J. T. MACKEY, President, Mergenthaler Linotype Company, Brooklyn, N. Y.
- JAMES L. MADDEN, Second Vice-President, Metropolitan Life Insurance Company, New York City.
- W. G. MARSHALL, Vice-President, Westinghouse Electric Corporation, Pittsburgh Pa.
- GEORGE W. MERCK, President, Merck and Co. Inc., New York City.
- JOHN WYCKOFF METTLER, President, Interwoven Stocking Company, New Brunswick, N. J.
- GUSTAV METZMAN, President, The New York Central Railroad Company, New York City.
- HON. EUGENE MEYER, Editor and Publisher, The Washington Post, Washington, D. C.
- JAMES D. MOONEY, Vice President, General Motors Corporation, New York City.
- SHEPARD MORGAN, Vice President, Chase National Bank of the City of New York, New York City.
- GEORGE L. MORRISON, President, General Baking Company, New York City.
- MALCOLM MUIR, President, Newsweek, New York City.
- C. S. MUNSON, President, Air Reduction Company, Inc., New York City.
- WILLIAM W. NICHOLS, Assistant to President, Allis-Chalmers Manufacturing Company, Inc., New York City.
- JOSEPH H. NUELLE, President, Delaware and Hudson Railroad Corporation, New York City.
- IRVING S. OLDS, Chairman, Board of Directors, United States Steel Corporation, New York City.
- JOHN M. OLIN, President, Olin Industries, Inc., East Alton, Illinois.
- C. N. OSBORNE, Vice-President-Treasurer, The M. A. Hanna Company, Cleveland, O.
- HOWARD S. PALMER, President, The New York, New Haven and Hartford Railroad Company, New Haven, Conn.
- COLA G. PARKER, President, Kimberly-Clark Corporation, Neenah, Wis.



- JOHN C. PARKER, Vice-President, Consolidated Edison Company of New York, Inc., New York City.
- J. H. PARKER, President, The Carpenter Steel Company, Reading, Pa.
- A. B. PATERSON, President, New Orleans Public Service, Inc., New Orleans, La.
- W. A. PATTERSON, President, United Air Lines, Inc., Chicago, Ill.
- BERNARD PEYTON, Vice-President and Treasurer, The New York Air Brake Company, New York City.
- AUGUSTE G. PRATT, President, The Babcock & Wilcox Company, New York City.
- H. W. PRENTIS, JR., President, Armstrong Cork Company, Lancaster, Pa.
- FRANK PURNELL, President, The Youngstown Sheet and Tube Company, Youngstown, Ohio.
- EDGAR MONSANTO QUEENY, Chairman of the Board, Monsanto Chemical Company, St. Louis, Mo.
- J. H. RAND, JR., Chairman-President, Remington Rand, Inc., New York City.
- PHILIP D. REED, Chairman of the Board, General Electric Company, New York City.
- H. S. RICHARDSON, Chairman, Executive Committee, Vick Chemical Company, New York City.
- FLETCHER W. ROCKWELL, President, National Lead Company, New York City.
- J. E. ROGERS, President-General Manager, Addressograph-Multi-graph Corporation, Cleveland, O.
- BENJAMIN RUSH, JR., Vice President, Indemnity Insurance Company of North America, Philadelphia, Pa.
- N. F. S. RUSSELL, President, United States Pipe & Foundry Company, Burlington, N. J.
- J. P. SEIBERLING, President, Seiberling Rubber Company, Akron, Ohio.
- LESTER N. SELIG, Vice Chairman of the Board, General American Transportation Corporation, Chicago, Ill.
- HENRY D. SHARPE, President, Brown & Sharpe Mfg. Co., Providence, R. I.
- JOHN T. SMITH, General Counsel, General Motors Corporation, New York City.
- CHARLES E. SPENCER, JR., President, The First National Bank of Boston, Boston, Mass.
- L. P. SPERRY, President, Scovill Manufacturing Company, Waterbury, Connecticut.



- ROBERT C. STANLEY, Chairman and President, The International Nickel Company of Canada, Ltd., New York City.
- E. T. STANNARD, President, Kennecott Copper Corporation, New York City.
- B. G. STEINETZ, President, Congoleum-Nairn Inc., Kearny, N. J.
- HERMAN W. STEINKRAUS, President and General Manager, Bridgeport Brass Company, Bridgeport, Connecticut.
- A. W. STEUDEL, President, The Sherwin-Williams Company, Cleveland, O.
- E. C. STEVENS, President, International Silver Company, Meriden, Conn.
- CHARLES J. STILWELL, President, The Warner & Swasey Company, Cleveland, O.
- CLYDE S. STILWELL, Vice-President, National Biscuit Company, New York City.
- MALCOLM B. STONE, President, Ludlow Manufacturing & Sales Co., Boston, Mass.
- LEON C. STOWELL, President, Underwood Corporation, New York City.
- JOHN STUART, Chairman, The Quaker Oats Company, Chicago, Ill.
- RALPH H. TAPSCOTT, President, Consolidated Edison Company of New York, Inc., New York City.
- E. J. THOMAS, President, The Goodyear Tire & Rubber Company, Akron, O.
- DAVID L. TILLY, President, New York Dock Company, New York City.
- JAMES F. TOWERS, President, Ford, Bacon & Davis, Inc., New York City.
- L. C. WALKER, President, The Shaw-Walker Company, Muskegon, Mich.
- HARRY E. WARD, Chairman of the Board, Irving Trust Company, New York City.
- EARLE W. WEBB, President, Ethyl Corporation, New York City.
- E. T. WEIR, Chairman, National Steel Corporation, Pittsburgh, Pa.
- J. CHENEY WELLS, American Optical Company, Southbridge, Mass.
- F. K. WEYERHAEUSER, President, Weyerhaeuser Sales Company, St. Paul, Minn.
- C. M. WHITE, President, Republic Steel Corporation, Cleveland, Ohio.
- R. B. WHITE, President, The Baltimore and Ohio Railroad Company, Baltimore, Md.

HON. ROY C. WILCOX, Executive Vice-President, International Silver Company, Meriden, Conn.

ALBERT N. WILLIAMS, President, The Western Union Telegraph Company, New York City.

LANGBOURNE M. WILLIAMS, JR., President, Freeport Sulphur Company, New York City.

LEWIS B. WILLIAMS, Chairman of the Board, The National City Bank of Cleveland, Cleveland, O.

S. CLAY WILLIAMS, Chairman, Board of Directors, R. J. Reynolds Tobacco Company, Winston-Salem, N. C.

NORMAN W. WILSON, President, Hammermill Paper Company, Erie, Pa.

JAMES DECAMP WISE, President, Bigelow-Sanford Carpet Co., Inc., New York City.

WILLIAM P. WITHEROW, Chairman & President, Blaw-Knox Company, Pittsburgh, Pa.

GENERAL R. E. WOOD, Chairman of the Board, Sears, Roebuck and Co., Chicago, Ill.

R. E. WOODRUFF, President, Erie Railroad Company, Cleveland, Ohio.

J. D. ZELLERBACH, President, Crown Zellerbach Corporation, San Francisco, California.



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## AFFILIATED ORGANIZATIONS AND THEIR REPRESENTATIVES

---

### *American Iron and Steel Institute:*

- \* WALTER S. TOWER, President of the Institute, New York City.
  - \* CHARLES R. HOOK, President, The American Rolling Mill Company, Middletown, O.
- President: W. S. TOWER, New York City.  
Secretary: G. S. ROSE, New York City.
- 

### *Automobile Manufacturers Association:*

- \* ALFRED REEVES, Advisory Vice-President, Automobile Manufacturers Association, New York City.
  - \* EDGAR W. SMITH, Overseas Operations Division, General Motors Corporation, New York City.
- President: ALVAN MACAULEY, Chairman, Packard Motor Car Company, Detroit, Mich.  
General Manager: GEORGE ROMNEY, Detroit, Mich.
- 

### *Corn Industries Research Foundation:*

- \* GEORGE M. MOFFETT, Chairman of the Board, Corn Products Refining Company, New York City.
  - \* THEODORE SANDER, JR., President, American Maize-Products Company, New York City.
- President: GEORGE M. MOFFETT.  
Executive Secretary: PENDLETON DUDLEY, New York City.
- 

### *Edison Electric Institute:*

- \* C. W. KELLOGG, President of the Institute, New York City.
  - \* P. S. YOUNG, Chairman, Executive Committee, Public Service Electric and Gas Company, Newark, N. J.
- President: C. W. KELLOGG.  
Vice-President and General Manager: COL. H. S. BENNION, New York City.
- 

\* Member of the Board.

*National Association of Manufacturers of the United States of America:*

\* JAMES A. EMERY, General Counsel, National Association of Manufacturers, Washington, D. C.

\* WILLIAM B. WARNER, President, McCall Corporation, New York City.

President: IRA MOSHER, President, Russell Harrington Cutlery Co., Southbridge, Mass.

Executive Vice-President: WALTER B. WEISENBURGER, New York City.

Secretary: NOEL SARGENT, New York City.

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*National Association of Wool Manufacturers:*

\* EVERETT L. KENT, President, Kent Manufacturing Company, Clifton Heights, Pa.

\* LEWIS A. HIRD, Treasurer, Samuel Hird & Sons, Inc., New York City.

President: ARTHUR BESSE, New York City.

Secretary: WALTER HUMPHREYS, Boston, Mass.

---

*National Board of Fire Underwriters:*

\* F. D. LAYTON, President, National Fire Insurance Company of Hartford, Hartford, Conn.

\* R. P. BARBOUR, Manager, Northern Assurance Company, Ltd., of London, New York City.

President: JOHN M. THOMAS, Pittsburgh, Pa.

General Manager: W. E. MALLALIEU, New York City.

---

*National Electrical Manufacturers Association:*

\* W. J. DONALD, Managing Director of the Association, New York City.

\* MAX MCGRAW, President, McGraw Electric Company, Chicago, Ill.

President: A. C. STREAMER, Vice President, Westinghouse Electric Corporation, Pittsburgh, Pa.

Managing Director: W. J. DONALD.

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\* Member of the Board.



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*The Rubber Manufacturers Association, Inc.:*

- \* A. L. VILES, President and General Manager of the Association, New York City.
- 

*Associated Industries of New York State, Inc.:*

- \* MARTIN F. HILFINGER, President of the Association, Buffalo, N. Y.

Executive Vice-President: MARK A. DALY, Buffalo, N. Y.

---

*The Manufacturers Association of Connecticut, Inc.:*

- \* ALFRED C. FULLER, Chairman, The Fuller Brush Company, Hartford, Conn.

President: ALFRED C. FULLER.

Executive Director: C. L. EYANSON, Hartford, Conn.

---

*Manufacturers' Association of New Jersey:*

- \* HENRY W. JOHNSON, Vice-President, De Laval Steam Turbine Company, Trenton, N. J.

President: HENRY W. JOHNSON.

Secretary and Treasurer: F. D. POTTER, Trenton, N. J.

---

*Air Corps, U. S. Army:*

BRIGADIER GENERAL EDWARD M. POWERS, Chief of Materiel and Services, Army Air Forces, Washington, D. C.

---

*Military Intelligence Division, U. S. Army:*

- \* COLONEL S. V. CONSTANT, General Staff, Director of Intelligence, Headquarters, Second Service Command, Governors Island, N. Y.
- 

\* Member of the Board.

*Ordnance Department, U. S. Army:*

- \* MAJOR GENERAL LEVIN H. CAMPBELL, JR., Chief of Ordnance, U. S. A., War Department, Washington, D. C.
  - \* BRIGADIER GENERAL H. C. MINTON, Director Production Division, Army Service Forces, War Department, Washington, D. C.
- 

*United States Navy:*

- \* REAR ADMIRAL ALEX M. CHARLTON, U.S.N., Assistant Chief in Charge of Production, Office of Procurement and Material, Navy Department, Washington, D. C.
- \* REAR ADMIRAL E. L. COCHRANE, U.S.N., Chief of the Bureau of Ships, Navy Department, Washington, D. C.
- \* REAR ADMIRAL FREDERICK G. CRISP, U.S.N., Director of Shore Establishments and Civilian Personnel Division, Navy Department, Washington, D. C.
- \* REAR ADMIRAL G. F. HUSSEY, JR., U.S.N. (Ret.), Chief of Bureau of Ordnance, Navy Department, Washington, D. C.
- \* REAR ADMIRAL H. L. MERRING, U.S.N. (Ret.), Assistant Chief, Office of Procurement and Material for Industrial Readjustment, Navy Department, Washington, D. C.
- \* REAR ADMIRAL HAROLD B. SALLADA, U.S.N., Chief of the Bureau of Aeronautics, Navy Department, Washington, D. C.

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\* Member of the Board.



## COUNCILLORS

---

DR. NICHOLAS MURRAY BUTLER, President, Columbia University, New York City.

DR. EDMUND E. DAY, President, Cornell University, Ithaca, N. Y.

WILLIAM C. DICKERMAN, Chairman of the Board, American Locomotive Company, New York City.

IRÉNÉE DU PONT, E. I. du Pont de Nemours & Company, Incorporated, Wilmington, Del.

FREDERICK H. ECKER, Chairman of the Board, Metropolitan Life Insurance Company, New York City.

DR. THOMAS S. GATES, Chairman, University of Pennsylvania, Philadelphia, Pa.

EUGENE G. GRACE, President, Bethlehem Steel Company, Inc., New York City.

JOHN HENRY HAMMOND, Partner, Hines, Rearick, Dorr & Hammond, New York City.

HON. HERBERT HOOVER, Palo Alto, Cal.

CORNELIUS F. KELLEY, Chairman, Anaconda Copper Mining Company, New York City.

DR. FRED I. KENT, President, Council of New York University, New York City.

W. L. MELLON, Chairman, Gulf Oil Corporation, Pittsburgh, Pa.

HON. NATHAN L. MILLER, General Counsel, United States Steel Corporation, New York City.

A. W. ROBERTSON, Chairman, Westinghouse Electric Corporation, New York City.

ALFRED P. SLOAN, JR., Chairman, General Motors Corporation, New York City.

SILAS H. STRAWN, Winston Strawn & Shaw, Chicago, Ill.

MYRON C. TAYLOR, Former Chairman, United States Steel Corporation, New York City.

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## In Memoriam

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FRANK C. ATHERTON,

Chairman of the Board, Castle & Cooke, Ltd.

Councillor of THE CONFERENCE BOARD, 1930-1945.

Died May 29, 1945.

JOHN A. BROWN,

President, Socony-Vacuum Oil Company, Inc.

Member of THE CONFERENCE BOARD, 1942-1944.

Died September 9, 1944.

HAROLD FREDERICK BROWNE,

Staff Member, Secretary and Division Director of THE  
CONFERENCE BOARD, 1922-1945.

Died February 15, 1945.

JOHN H. GOSS,

Chairman, Board of Directors, Scovill Manufacturing Com-  
pany.

Member of THE CONFERENCE BOARD, 1936-1944.

Trustee, 1943-1944.

Died October 16, 1944.

LOYALL A. OSBORNE,

Stockbridge, Massachusetts.

Chairman of THE CONFERENCE BOARD, 1926-1929.

Executive Committee Member, 1929-1937.

Councillor, 1936-1944.

Died August 18, 1944.

JOHN A. SWEETSER,

President, Bigelow-Sanford Carpet Co., Inc.

Member of THE CONFERENCE BOARD, 1934-1944.

Executive Committee Member, 1936-1942.

Died August 18, 1944.

## VI

### ASSOCIATES OF THE CONFERENCE BOARD

(As of April 30, 1945)

#### INDUSTRIAL ASSOCIATES

##### *Aircraft, Parts and Accessories*

- AERO PARTS MANUFACTURING COMPANY, INC., Wichita, Kan.  
AIRCRAFT-MARINE PRODUCTS INC., Harrisburg, Pa.  
AIRCRAFT RADIO CORPORATION, Boonton, N. J.  
ALLEN (R. C.) PRODUCTS INCORPORATED, Grand Rapids, Mich.  
AMERICAN CENTRAL MANUFACTURING CORPORATION, Connersville, Ind.  
AMERICAN TUBE BENDING COMPANY, INC., New Haven, Conn.  
BEECH AIRCRAFT CORPORATION, Wichita, Kan.  
BELL AIRCRAFT CORPORATION, Buffalo, N. Y.  
BENDIX AVIATION CORPORATION, EXECUTIVE OFFICES, Detroit, Mich.  
BENDIX AVIATION CORPORATION, BENDIX PRODUCTS DIVISION, South Bend, Ind.  
BENDIX AVIATION CORPORATION, BENDIX RADIO DIVISION, Baltimore, Md.  
BENDIX AVIATION CORPORATION, ECLIPSE PIONEER DIVISION, Teterboro, N. J.  
BENDIX AVIATION CORPORATION, ENGINEERING DEPARTMENT, New York City.  
BENDIX AVIATION CORPORATION, FRIEZ INSTRUMENT DIVISION, Baltimore, Md.  
BENDIX AVIATION CORPORATION, MARINE DIVISION, Brooklyn, N. Y.  
BENDIX AVIATION CORPORATION, PACIFIC DIVISION, North Hollywood, Cal.  
BENDIX AVIATION CORPORATION, SCINTILLA MAGNETO DIVISION, Sidney, N. Y.  
BREEZE CORPORATION, INC., Newark, N. J.  
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CHANDLER-EVANS CORPORATION, South Meriden, Conn.  
COLUMBIA AIRCRAFT CORPORATION, Valley Stream, N. Y.  
CONSOLIDATED VULTEE AIRCRAFT CORPORATION, SAN DIEGO DIVISION, San Diego, Cal.



*Aircraft, Parts and Accessories (Continued)*

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CURTISS-WRIGHT CORPORATION, PROPELLER DIVISION, Caldwell,  
N. J.

DEUTSCH COMPANY (THE), Los Angeles, Cal.

DOUGLAS AIRCRAFT COMPANY, INC., Santa Monica, Cal.

EATON MANUFACTURING COMPANY, Cleveland, O.

ELECTROL INCORPORATED, Kingston, N. Y.

FAIRCHILD ENGINE AND AIRPLANE CORPORATION, New York City.

FAIRFIELD MANUFACTURING COMPANY, Lafayette, Ind.

FOOTE, PIERSON & Co., INC., Newark, N. J.

LEAR, INCORPORATED, Piqua, O.

LIBERTY AIRCRAFT PRODUCTS CORPORATION, Farmingdale, L. I.,  
N. Y.

LOCKHEED AIRCRAFT CORPORATION, Burbank, Cal.

MARTIN (THE GLENN L.) COMPANY, Baltimore, Md.

MCARTHUR (WARREN) CORPORATION, Bantam, Conn.

NORTH AMERICAN AVIATION, INC., Inglewood, Cal.

PARKER APPLIANCE COMPANY (THE), Cleveland, O.

PUROLATOR PRODUCTS, INC., Newark, N. J.

REPUBLIC AVIATION CORPORATION, Farmingdale, N. Y.

ROCKERBOX CORPORATION (THE), New Haven, Conn.

ROHR AIRCRAFT CORPORATION, Chula Vista, Cal.

SCOTT AND WILLIAMS, INC., Laconia, N. H.

SIMMONDS AEROCESSORIES, INC., New York City.

SPERRY PRODUCTS, INC., Hoboken, N. J.

THOMPSON PRODUCTS, INC., Cleveland, O.

UNITED AIRCRAFT CORPORATION, East Hartford, Conn.

UNIVERSAL MOULDED PRODUCTS CORPORATION, Philadelphia, Pa.

WADELL ENGINEERING COMPANY, Orange, N. J.

WOODALL INDUSTRIES, INC., Detroit, Mich.

WRIGHT AERONAUTICAL CORPORATION, Paterson, N. J.

*Automotive Vehicles, Parts and Accessories*

AMERICAN BOSCH CORPORATION, Springfield, Mass.

AMERICAN FORGING & SOCKET Co., Pontiac, Mich.

BENDIX AVIATION CORPORATION, ECLIPSE MACHINE DIVISION,  
Elmira, N. Y.

BRIGGS MANUFACTURING COMPANY, Detroit, Mich.

CARLTON LAMP CORPORATION, Newark, N. J.

CHAMPION SPARK PLUG COMPANY, Toledo, O.

CHRYSLER CORPORATION, Detroit, Mich.



*Automotive Vehicles, Parts and Accessories (Continued)*

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DETROIT GASKET & MANUFACTURING COMPANY, Detroit, Mich.  
DETROIT STEEL PRODUCTS COMPANY, Detroit, Mich.  
ELECTRIC AUTO-LITE COMPANY, Toledo, O.  
EX-CELL-O CORPORATION, Detroit, Mich.  
FEDDERS MANUFACTURING COMPANY, Buffalo, N. Y.  
FEDERAL MOTOR TRUCK COMPANY, Detroit, Mich.  
FORD MOTOR COMPANY OF CANADA, LIMITED, Windsor, Ontario, Canada.  
FOUR WHEEL DRIVE AUTO COMPANY, Clintonville, Wis.  
FRANK FOUNDRIES CORPORATION, Moline, Ill.  
GENERAL MOTORS CORPORATION, Detroit, Mich.  
GENERAL MOTORS CORPORATION, NEW DEPARTURE DIVISION, Bristol, Conn.  
HEINTZ MANUFACTURING COMPANY, Philadelphia, Pa.  
INDIAN MOTOCYCLE COMPANY, Springfield, Mass.  
JAMESTOWN METAL EQUIPMENT COMPANY, INC., Jamestown, N. Y.  
KING-SEELEY CORPORATION, Ann Arbor, Mich.  
LIPE-ROLLWAY CORPORATION, Syracuse, N. Y.  
LORD MANUFACTURING COMPANY, Erie, Pa.  
MCCORD CORPORATION, Detroit, Mich.  
METEOR MOTOR CAR COMPANY (THE), Piqua, O.  
MOTOR WHEEL CORPORATION, Lansing, Mich.  
MURRAY CORPORATION OF AMERICA, Detroit, Mich.  
NASH-KELVINATOR CORPORATION, Detroit, Mich.  
PACKARD MOTOR CAR COMPANY, Detroit, Mich.  
PETERS AND RUSSELL INC., Springfield, O.  
RUSSELL MANUFACTURING COMPANY, Middletown, Conn.  
SMITH (A. O.) CORPORATION, Milwaukee, Wis.  
SPICER MANUFACTURING CORPORATION, Toledo, O.  
STEWART-WARNER CORPORATION, Chicago, Ill.  
STUDEBAKER CORPORATION, South Bend, Ind.  
THERMOID COMPANY, Trenton, N. J.  
TIMKEN-DETROIT AXLE COMPANY, Detroit, Mich.  
VEEDER-ROOT INCORPORATED, Hartford, Conn.  
WAGNER ELECTRIC CORPORATION, St. Louis, Mo.  
WEATHERHEAD COMPANY (THE), Cleveland, O.  
WHITE MOTOR COMPANY, Cleveland, O.  
WILLARD STORAGE BATTERY COMPANY, Cleveland, O.



*Building Materials and Supplies*

- ALLENTOWN PORTLAND CEMENT COMPANY, Catasauqua, Pa.  
ALPHA PORTLAND CEMENT COMPANY, Easton, Pa.  
AMERICAN CREOSOTING COMPANY, Louisville, Ky.  
ANGELINA COUNTY LUMBER COMPANY, Keltys, Tex.  
BESSEMER LIMESTONE & CEMENT COMPANY (THE), Youngstown,  
O.  
BIRD & SON, INC., East Walpole, Mass.  
BIRMINGHAM SLAG COMPANY, Birmingham, Ala.  
BLUE DIAMOND CORPORATION, Los Angeles, Cal.  
BRYANT HEATER COMPANY, Cleveland, O.  
CURTIS COMPANIES INCORPORATED, Clinton, Ia.  
CUTLER-MAGNER Co., Duluth, Minn.  
FARLEY & LOETSCHER MFG. Co., Dubuque, Ia.  
FLINTKOTE COMPANY, INC., (THE), New York City.  
GLADDING, McBEAN AND COMPANY, San Francisco, Cal.  
GLENS FALLS PORTLAND CEMENT COMPANY, New York City.  
HARBOR PLYWOOD CORPORATION, Hoquiam, Wash.  
HOMASOTE COMPANY, Trenton, N. J.  
JOHNS-MANVILLE CORPORATION, New York City.  
LEHIGH PORTLAND CEMENT COMPANY, Allentown, Pa.  
LEWERS & COOKE, LIMITED, Honolulu, T. H.  
LONE STAR CEMENT CORPORATION, New York City.  
LONG-BELL LUMBER COMPANY (THE), Kansas City, Mo.  
MARBLE CLIFF QUARRIES COMPANY, Columbus, O.  
MASONITE CORPORATION, Chicago, Ill.  
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NATIONAL RADIATOR COMPANY, Johnstown, Pa.  
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NETTLETON TIMBER COMPANY, Seattle, Wash.  
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PENNSYLVANIA-DIXIE CEMENT CORPORATION, New York City.  
POTLATCH FORESTS, INC., Lewiston, Id.  
PRITZLAFF (JOHN) HARDWARE COMPANY, Milwaukee, Wis.  
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UNIVERSAL ATLAS CEMENT COMPANY, New York City.



*Building Materials and Supplies (Continued)*

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AIR REDUCTION COMPANY, INCORPORATED, New York City.  
ALLIED CHEMICAL & DYE CORPORATION, New York City.  
AMERICAN CHEMICAL PAINT COMPANY, Ambler, Pa.  
AMERICAN CYANAMID COMPANY, New York City.  
AMERICAN DYEWOOD COMPANY, New York City.  
AMERICAN PHARMACEUTICAL COMPANY, INC., New York City.  
ANSUL CHEMICAL COMPANY, Marinette, Wis.  
ATLAS POWDER COMPANY, Wilmington, Del.  
BAKER (J. T.) CHEMICAL COMPANY, Phillipsburg, N. J.  
BAY CHEMICAL COMPANY, INC., New Orleans, La.  
BINNEY & SMITH COMPANY, New York City.  
BRISTOL-MYERS COMPANY, New York City.  
CABOT (GODFREY L.), INC., Boston, Mass.  
CANADIAN INDUSTRIES LIMITED, Montreal, Canada.  
CAYUGA ROCK SALT COMPANY, INC., Myers, N. Y.  
CHATTANOOGA MEDICINE COMPANY, Chattanooga, Tenn.  
CHEMICAL PRODUCTS CORPORATION, Lockland, O.  
CHEMICAL RUBBER COMPANY (THE), Cleveland, O.  
CHESEBROUGH MANUFACTURING COMPANY CONS'D, New York City.  
CIBA PHARMACEUTICAL PRODUCTS, INC., Summit, N. J.  
CINCINNATI CHEMICAL WORKS, INC., Cincinnati, O.  
COMMERCIAL SOLVENTS CORPORATION, New York City.  
COTY, INC., New York City.  
DAVISON CHEMICAL CORPORATION, Baltimore, Md.  
DEARBORN CHEMICAL COMPANY, Chicago, Ill.  
DENNIS (MARTIN) COMPANY, Newark, N. J.  
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DIAMOND ALKALI COMPANY, Pittsburgh, Pa.  
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GENERAL DYESTUFF CORPORATION, New York City.  
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HARSHAW CHEMICAL COMPANY (THE), Cleveland, O.  
HERCULES POWDER COMPANY, INC., Wilmington, Del.  
HOFFMANN-LA ROCHE INC., Nutley, N. J.  
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HOOKER ELECTROCHEMICAL COMPANY, Niagara Falls, N. Y.  
HOUGHTON (E. F.) & Co., Philadelphia, Pa.  
INDUSTRIAL DYESTUFF COMPANY, East Providence, R. I.  
INNIS, SPEIDEN & COMPANY, New York City.  
INTERNATIONAL MINERALS & CHEMICAL CORP., Chicago, Ill.  
KAY FRIES CHEMICALS, INC., New York City.  
LAMBERT PHARMACAL COMPANY, St. Louis, Mo.  
LAUCKS (I. F.), INC., Seattle, Wash.  
LILLY (ELI) & COMPANY, Indianapolis, Ind.  
LIQUID CARBONIC CORPORATION, Chicago, Ill.  
MALLINCKRODT CHEMICAL WORKS, St. Louis, Mo.  
MANUFACTURER'S CHEMICAL CORPORATION, Berkeley Heights, N. J.  
MARINE MAGNESIUM PRODUCTS CORPORATION, South San Francisco, Cal.  
MATHIESON ALKALI WORKS, INC., New York City.  
McKESSEN & ROBBINS, INC., New York City.  
MERCK & COMPANY, INC., Rahway, N. J.  
MILITARY CHEMICAL WORKS (THE), INC., Kansas City, Mo.  
MONSANTO CHEMICAL COMPANY, St. Louis, Mo.  
MUTUAL CHEMICAL COMPANY OF AMERICA, New York City.  
NATIONAL CYLINDER GAS COMPANY, Chicago, Ill.  
NEW YORK QUININE & CHEMICAL WORKS, INC., Brooklyn, N. Y.  
NIAGARA ALKALI COMPANY, New York City.  
OAKITE PRODUCTS, INC., New York City.  
OAKLAND CHEMICAL COMPANY, New York City.  
OLDBURY ELECTRO-CHEMICAL COMPANY, Niagara Falls, N. Y.  
PARKE, DAVIS & COMPANY, Detroit, Mich.  
PENNSYLVANIA SALT MANUFACTURING COMPANY, Philadelphia, Pa.



*Chemicals, Drugs and Dyes (Continued)*

PFIZER (CHAS.) & COMPANY, INC., New York City.  
PHILADELPHIA QUARTZ COMPANY, Philadelphia, Pa.  
PUBLICKER COMMERCIAL ALCOHOL COMPANY, Philadelphia, Pa.  
RAYMOND LABORATORIES, INC., St. Paul, Minn.  
ROBESON PROCESS COMPANY, New York City.  
ROHM & HAAS COMPANY, Philadelphia, Pa.  
RUMFORD CHEMICAL WORKS, Rumford, R. I.  
SCHERING CORPORATION, Bloomfield, N. J.  
SHARP & DOHME, INC., Philadelphia, Pa.  
SMITH BROTHERS, INC., Poughkeepsie, N. Y.  
SQUIBB (E. R.) & SONS, New York City.  
STAUFFER CHEMICAL COMPANY, New York City.  
SYLVANIA INDUSTRIAL CORPORATION, Fredericksburg, Va.  
TENNESSEE CORPORATION, New York City.  
TENNESSEE EASTMAN CORPORATION, Kingsport, Tenn.  
TEXAS GULF SULPHUR COMPANY, New York City.  
UNION CARBIDE AND CARBON CORPORATION, New York City.  
UNITED DRUG, INC., Boston, Mass.  
UNITED STATES POTASH COMPANY, INC., New York City.  
UPJOHN COMPANY, Kalamazoo, Mich.  
VICK CHEMICAL COMPANY, New York City.  
VICTOR CHEMICAL WORKS, Chicago, Ill.  
WESTVACO CHLORINE PRODUCTS CORPORATION, New York City.  
WHITE LABORATORIES, INC., Newark, N. J.  
WILL & BAUMER CANDLE COMPANY, INC., Syracuse, N. Y.  
WILLIAMS (C. K.) & Co., Easton, Pa.  
WINTHROP CHEMICAL COMPANY, INC., Rensselaer, N. Y.  
WYANDOTTE CHEMICALS CORPORATION—MICHIGAN ALKALI DIVISION, Wyandotte, Mich.

*Coal and Coke*

APPALACHIAN COALS, INC., Cincinnati, O.  
BERWIND-WHITE COAL MINING COMPANY, Philadelphia, Pa.  
CARTER COAL Co., New York City.  
GLEN ALDEN COAL COMPANY, Scranton, Pa.  
HANNA COAL COMPANY OF OHIO, Cleveland, O.  
ISLAND CREEK COAL COMPANY, Huntington, W. Va.  
LEHIGH COAL AND NAVIGATION COMPANY, Philadelphia, Pa.  
LEHIGH VALLEY COAL COMPANY (THE), New York City.  
LORAIN COAL & DOCK COMPANY (THE), Columbus, O.  
MILWAUKEE SOLVAY COKE COMPANY, Milwaukee, Wis.  
PENNSYLVANIA COAL COMPANY, Scranton, Pa.



*Coal and Coke (Continued)*

PITTSBURGH COAL COMPANY, Pittsburgh, Pa.  
PITSTON COMPANY, Hoboken, N. J.  
REISS (C.) COAL COMPANY, Sheboygan, Wis.  
SUSQUEHANNA COLLIERIES COMPANY, Cleveland, O.  
WESTMORELAND COAL COMPANY, Philadelphia, Pa.

*Electrical Equipment, Appliances and Supplies*

ADAM (FRANK) ELECTRIC COMPANY, St. Louis, Mo.  
AEROVOX CORPORATION, New Bedford, Mass.  
AIRADIO, INCORPORATED, Stamford, Conn.  
ALLEN-BRADLEY COMPANY, Milwaukee, Wis.  
ALLIED CONTROL COMPANY, INC., New York City.  
ALLIS-CHALMERS MANUFACTURING COMPANY, INC., Milwaukee, Wis.  
ALLIS (LOUIS) COMPANY, Milwaukee, Wis.  
ALTORFER BROS. COMPANY, Peoria, Ill.  
AMERICAN LAVA CORPORATION, Chattanooga, Tenn.  
AMERICAN TIME PRODUCTS, INC., New York City.  
ARROW-HART & HEGEMAN ELECTRIC COMPANY, Hartford, Conn.  
AUTOMATIC ELECTRIC COMPANY, Chicago, Ill.  
BELDEN MANUFACTURING COMPANY, Chicago, Ill.  
BENDIX RADIO, DIVISION OF BENDIX AVIATION CORPORATION, Baltimore, Md.  
BENJAMIN ELECTRIC MANUFACTURING COMPANY, Des Plaines, Ill.  
BURKE ELECTRIC COMPANY, Erie, Pa.  
BURNDY ENGINEERING COMPANY, INC., New York City.  
CHAMPION LAMP WORKS, INC., Lynn, Mass.  
CHICAGO FLEXIBLE SHAFT COMPANY, Chicago, Ill.  
CHICAGO TRANSFORMER CORPORATION, Chicago, Ill.  
CLARK CONTROLLER COMPANY, Cleveland, O.  
CONSOLIDATED CAR-HEATING COMPANY, INC., Albany, N. Y.  
CONTINENTAL-DIAMOND FIBRE COMPANY, Newark, Del.  
CORDAGE, INCORPORATED, Chicago, Ill.  
CORNELL-DUBILIER ELECTRIC CORPORATION, South Plainfield, N. J.  
CROSLEY CORPORATION (THE), Cincinnati, O.  
CROUSE-HINDS COMPANY, Syracuse, N. Y.  
CUTLER-HAMMER, INC., Milwaukee, Wis.  
DUNCAN ELECTRIC MANUFACTURING COMPANY, Lafayette, Ind.  
EASTERN SPECIALTY COMPANY (THE), Philadelphia, Pa.  
EDISON GENERAL ELECTRIC APPLIANCE COMPANY, INC., Chicago, Ill.



*Electrical Equipment, Appliances and Supplies (Continued)*

EDISON (THOMAS A.), INCORPORATED, West Orange, N. J.  
EDWARDS AND COMPANY, INC., Norwalk, Conn.  
ELECTRIC STORAGE BATTERY COMPANY, Philadelphia, Pa.  
ELECTROLUX CORPORATION, New York City.  
ELWELL-PARKER ELECTRIC COMPANY (THE), Cleveland, O.  
EMERSON RADIO & PHONOGRAPH CORPORATION, New York City.  
ERIE RESISTOR CORPORATION, Erie, Pa.  
FEDERAL TELEPHONE & RADIO CORPORATION, Newark, N. J.  
GENERAL ELECTRIC COMPANY, Schenectady, N. Y., and New York City.  
GLOBE-UNION INC., Milwaukee, Wis.  
GREAT AMERICAN INDUSTRIES, INC., Meriden, Conn.  
HAMILTON BEACH COMPANY, Racine, Wis.  
HAZELTINE ELECTRONICS CORPORATION, New York City.  
HEYER PRODUCTS COMPANY, INCORPORATED, Belleville, N. J.  
HICKOK ELECTRICAL INSTRUMENT COMPANY (THE), Cleveland, O.  
HOBART MANUFACTURING COMPANY, Troy, O.  
HOOVER COMPANY, North Canton, O.  
I-T-E CIRCUIT BREAKER COMPANY, Philadelphia, Pa.  
INTERNATIONAL RESISTANCE COMPANY, Philadelphia, Pa.  
JEFFERSON ELECTRIC COMPANY, Bellwood, Ill.  
JEFFREY MANUFACTURING COMPANY, Columbus, O.  
JOHNSON (E. F.) COMPANY, Waseca, Minn.  
LANDERS, FRARY & CLARK, New Britain, Conn.  
LEECE-NEVILLE COMPANY, Cleveland, O.  
LEICH ELECTRIC Co., Genoa, Ill.  
LIGHTOLIER Co., New York City.  
MALLORY (P. R.) & COMPANY, INC., Indianapolis, Ind.  
MASTER ELECTRIC COMPANY (THE), Dayton, O.  
MCGRAW ELECTRIC COMPANY, Elgin, Ill.  
MILLER COMPANY, Meriden, Conn.  
MOLONEY ELECTRIC COMPANY, St. Louis, Mo.  
MONOWATT ELECTRIC CORPORATION (THE), Providence, R. I.  
NATIONAL ELECTRIC COIL COMPANY, Columbus, O.  
NEW JERSEY WOOD FINISHING COMPANY, Woodbridge, N. J.  
NEW YORK TRANSFORMER COMPANY, New York City.  
NORTH AMERICAN PHILIPS COMPANY, INC., New York City.  
OSTER (JOHN) MANUFACTURING Co., Racine, Wis.  
PHILCO CORPORATION, Philadelphia, Pa.  
PYLE-NATIONAL COMPANY, Chicago, Ill.  
RADIO CORPORATION OF AMERICA, New York City.  
RAILWAY & INDUSTRIAL ENGINEERING COMPANY, Greensburg, Pa.



***Electrical Equipment, Appliances and Supplies (Continued)***

RAY-O-VAC COMPANY, Madison, Wis.  
RAYTHEON MANUFACTURING COMPANY, Waltham, Mass.  
REGINA CORPORATION, INC., Rahway, N. J.  
RELIANCE ELECTRIC & ENGINEERING COMPANY, Cleveland, O.  
ROBBINS & MYERS, INC., Springfield, O.  
SANGAMO ELECTRIC COMPANY, Springfield, Ill.  
SHEPARD ELEVATOR COMPANY, Cincinnati, O.  
SHURE BROTHERS, Chicago, Ill.  
SIGNAL ENGINEERING AND MFG. COMPANY, New York City.  
SMITH (F. A.) MFG. COMPANY, INC., Rochester, N. Y.  
SOLAR CORPORATION, Milwaukee, Wis.  
SOLAR MANUFACTURING CORPORATION, New York City.  
STACKPOLE CARBON Co., St. Marys, Elk County, Pa.  
STAR ELECTRIC MOTOR COMPANY, Bloomfield, N. J.  
STROMBERG-CARLSON COMPANY, Rochester, N. Y.  
SUNBEAM ELECTRIC MANUFACTURING COMPANY, Evansville, Ind.  
SYLVANIA ELECTRIC PRODUCTS, INC., Salem, Mass.  
SYNTRON COMPANY, Homer City, Pa.  
THOMAS & BETTS COMPANY, INC., Elizabeth, N. J.  
TRIUMPH INDUSTRIES, INC., Elkton, Md.  
UNITED STATES ELECTRICAL MOTORS, INC., Los Angeles, Cal.  
UNITED STATES ELECTRICAL TOOL COMPANY (THE), Cincinnati, O.  
VICTOR ELECTRIC PRODUCTS, INC., Cincinnati, O.  
WARD LEONARD ELECTRIC COMPANY, Mount Vernon, N. Y.  
WEBSTER ELECTRIC COMPANY, Racine, Wis.  
WESTINGHOUSE ELECTRIC & MANUFACTURING COMPANY, Pittsburgh, Pa.  
WESTON ELECTRICAL INSTRUMENT CORPORATION, Newark, N. J.  
WHITE-RODGERS ELECTRIC COMPANY, St. Louis, Mo.  
WIREMOLD COMPANY, Hartford, Conn.

***Explosives and Ammunition***

EQUITABLE POWDER MANUFACTURING COMPANY, East Alton, Ill.  
FEDERAL CARTRIDGE CORPORATION, Minneapolis, Minn.  
KAISER INDUSTRIES, Denver, Colo.  
NATIONAL FUSE AND POWDER COMPANY, Denver, Colo.  
OLIN INDUSTRIES, INC., East Alton, Ill.  
TROJAN POWDER COMPANY, Allentown, Pa.

***Food, Beverages and Dairy Products***

ABBOTTS DAIRIES, INC., Philadelphia, Pa.  
AMERICAN CHICLE COMPANY, New York City.



*Food, Beverages and Dairy Products (Continued)*

- AMERICAN SUGAR REFINING COMPANY, New York City.  
ANHEUSER-BUSCH, INC., St. Louis, Mo.  
ARMOUR AND COMPANY, Chicago, Ill.  
BEATRICE CREAMERY COMPANY, Chicago, Ill.  
BEECH-NUT PACKING COMPANY, INC., Canajoharie, N. Y.  
BEST FOODS, INC., New York City.  
BORDEN COMPANY, New York City.  
BRACH (E. J.) & SONS, Chicago, Ill.  
CALIFORNIA AND HAWAIIAN SUGAR REFINING CORPORATION, LTD.,  
San Francisco, Cal.  
CALIFORNIA PACKING CORPORATION, San Francisco, Cal.  
CAMPBELL SOUP COMPANY, Camden, N. J.  
CANADA DRY GINGER ALE, INCORPORATED, New York City.  
CANADIAN BREWERIES LIMITED, Toronto, Ontario, Canada.  
CARNATION COMPANY, Seattle, Wash.  
CASTLE & COOKE, LIMITED, Honolulu, Hawaii.  
CHASE CANDY CO., St. Joseph, Mo.  
CITY BAKING COMPANY, Baltimore, Md.  
CLOVERDALE SPRING COMPANY, Baltimore, Md.  
COCA-COLA COMPANY, Atlanta, Ga.  
CONTINENTAL BAKING COMPANY, INC., New York City.  
COORS (ADOLPH) COMPANY, Golden, Colo.  
CRACKER JACK CO. (THE), Chicago, Ill.  
CUDAHY BROTHERS COMPANY, Cudahy, Wis.  
CUDAHY PACKING COMPANY, Chicago, Ill.  
CUSHMAN'S SONS, INC., New York City.  
DOUGHNUT CORPORATION OF AMERICA, Ellicott City, Md.  
DUGAN BROTHERS OF NEW JERSEY, INC., Newark, N. J.  
EWING-VON ALLMEN DAIRY COMPANY, Louisville, Ky.  
FISHER FLOURING MILLS COMPANY, Seattle, Wash.  
FLEER (FRANK H.) CORPORATION, Philadelphia, Pa.  
GENERAL BAKING COMPANY, New York City.  
GENERAL CANDY CORPORATION, Chicago, Ill.  
GENERAL FOODS CORPORATION, New York City.  
GENERAL MILLS, INC., Minneapolis, Minn.  
GERBER PRODUCTS CO., Fremont, Mich.  
GRIGGS, COOPER & COMPANY, St. Paul, Minn.  
GUMPERT (S.) COMPANY, INC., Ozone Park, N. Y.  
HAWAIIAN PINEAPPLE COMPANY, LTD., Honolulu, T. H.  
HEINZ (H. J.) COMPANY, Pittsburgh, Pa.  
HILLS BROTHERS COMPANY (THE), New York City.  
HOFFMAN BEVERAGE COMPANY, Newark, N. J.



*Food, Beverages and Dairy Products (Continued)*

- HOOD (H. P.) AND SONS, INC., Boston, Mass.  
HORMEL (GEO. A.) & COMPANY, Austin, Minn.  
HORN & HARDART BAKING COMPANY, Philadelphia, Pa.  
INTERNATIONAL MILLING COMPANY, Minneapolis, Minn.  
JEWEL TEA COMPANY, INC., Barrington, Ill.  
KELLOGG COMPANY, Battle Creek, Mich.  
KROGER GROCERY & BAKING COMPANY, Cincinnati, O.  
LABATT (JOHN) LIMITED, London, Canada.  
LIBBY, MCNEILL & LIBBY, Chicago, Ill.  
LOOSE-WILES BISCUIT COMPANY, Long Island City, N. Y.  
LYONS-MAGNUS, INC., San Francisco, Cal.  
MARS, INC., Chicago, Ill.  
MAUI AGRICULTURAL CO., LTD., Paia, Maui, T. H.  
MAYER (OSCAR) & COMPANY, Chicago, Ill.  
MORRELL (JOHN) & COMPANY, Ottumwa, Ia.  
MUELLER (C. F.) COMPANY, Jersey City, N. J.  
MYLES SALT COMPANY, LTD., New Orleans, La.  
NATIONAL BISCUIT COMPANY, New York City.  
NATIONAL BREWERIES LIMITED, Montreal, Canada.  
NATIONAL DAIRY PRODUCTS CORPORATION, New York City.  
NATIONAL DISTILLERS PRODUCTS CORPORATION, New York City.  
NATIONAL SUGAR REFINING COMPANY, New York City.  
NEHI CORPORATION, Columbus, Ga.  
NESTLÉ'S MILK PRODUCTS, INC., New York City.  
OGILVIE FLOUR MILLS CO. (THE), LTD., Montreal, Quebec, Canada.  
PABST BREWING COMPANY, Chicago, Ill.  
PEAVEY (F. H.) & COMPANY, Minneapolis, Minn.  
PEPSI-COLA COMPANY, Long Island City, N. Y.  
PETER CAILLER KOHLER SWISS CHOCOLATES COMPANY, INC., Fulton, N. Y.  
PILLSBURY FLOUR MILLS COMPANY, Minneapolis, Minn.  
QUAKER OATS COMPANY, Chicago, Ill.  
RATH PACKING COMPANY, Waterloo, Ia.  
RICHARDSON CORPORATION, Rochester, N. Y.  
SCHENLEY DISTILLERS CORPORATION, New York City.  
SCHLITZ (JOS.) BREWING COMPANY, Milwaukee, Wis.  
SEAGRAM (JOSEPH E.) & SONS, INC., New York City.  
SHEFFIELD FARMS COMPANY, INC., New York City.  
STANDARD BRANDS INCORPORATED, New York City.  
STOKELY FOODS, INC., Indianapolis, Ind.  
STOUFFER CORPORATION (THE), Cleveland, O.  
STRATTON GRAIN COMPANY, Milwaukee, Wis.



*Food, Beverages and Dairy Products (Continued)*

SWIFT & COMPANY, Chicago, Ill.  
VISKING CORPORATION, Chicago, Ill.  
WAGNER BAKING CORPORATION, Newark, N. J.  
WALKER (HIRAM) & SONS, INC., Peoria, Ill.  
WARD BAKING COMPANY, New York City.  
WEST INDIES SUGAR CORPORATION, New York City.  
WILSON & Co., INC., Chicago, Ill.  
WORCESTER SALT COMPANY, New York City.

*Glass*

BALL BROTHERS COMPANY, Muncie, Ind.  
CORNING GLASS WORKS, Corning, N. Y.  
FEDERAL GLASS COMPANY, Columbus, O.  
FOSTORIA GLASS COMPANY, Moundsville, W. Va.  
IMPERIAL GLASS CORPORATION, Bellaire, Ohio.  
LIBBEY-OWENS-FORD GLASS COMPANY, Toledo, O.  
LIBERTY GLASS COMPANY, Sapulpa, Okla.  
LIBERTY MIRROR DIVISION, LIBBEY-OWENS-FORD GLASS COMPANY, Brackenridge, Pa.  
OWENS-CORNING FIBERGLAS CORPORATION, Toledo, O.  
OWENS-ILLINOIS GLASS COMPANY, Toledo, O.  
PITTSBURGH PLATE GLASS COMPANY, Pittsburgh, Pa.  
THATCHER MANUFACTURING COMPANY, Elmira, N. Y.

*Instruments and Scientific Apparatus*

AMERICAN METER COMPANY, New York City.  
ARMA CORPORATION, Brooklyn, N. Y.  
BAILEY METER COMPANY, Cleveland, O.  
BECTON, DICKINSON & COMPANY, Rutherford, N. J.  
BELL & HOWELL COMPANY, Chicago, Ill.  
BRAUN CORPORATION, Los Angeles, Cal.  
BRISTOL COMPANY, Waterbury, Conn.  
CAMBRIDGE INSTRUMENT COMPANY, INC., New York City.  
DIETZGEN (EUGENE) COMPANY, Chicago, Ill.  
EASTERN SPECIALTY COMPANY (THE), Philadelphia, Pa.  
EDNAL COMPANY, INC. (THE), New York City.  
FAIRCHILD CAMERA AND INSTRUMENT CORPORATION, Jamaica, N. Y.  
GENERAL INSTRUMENT CORPORATION, Elizabeth, N. J.  
HAMMARLUND MANUFACTURING COMPANY, INC., New York City.  
INTERNATIONAL PROJECTOR CORPORATION, New York City.



*Instruments and Scientific Apparatus (Continued)*

KEUFFEL & ESSER COMPANY, Hoboken, N. J.  
KOLLSMAN INSTRUMENT DIVISION OF SQUARE D COMPANY,<sup>2</sup>Elmhurst, N. Y.  
LEEDS & NORTHRUP COMPANY, Philadelphia, Pa.  
LIQUIDOMETER CORPORATION, Long Island City, N. Y.  
MAXSON (W. L.) CORPORATION, New York City.  
NEPTUNE METER COMPANY, New York City.  
NORDEN (CARL L.), INC., New York City.  
PERFEX CORPORATION, Milwaukee, Wis.  
PRECISION SCIENTIFIC COMPANY, Chicago, Ill.  
ROBERTSHAW THERMOSTAT COMPANY, Youngwood, Pa.  
SPERRY GYROSCOPE COMPANY, INC., Great Neck, N. Y.  
TAYLOR INSTRUMENT COMPANIES, Rochester, N. Y.  
WALLACE & TIERNAN COMPANY, INC., Newark, N. J.

*Leather and Leather Products*

AMERICAN OAK LEATHER COMPANY, Cincinnati, O.  
DUNN AND MCCARTHY, INC., Auburn, N. Y.  
EAGLE OTTAWA LEATHER COMPANY, Grand Haven, Mich.  
ENDICOTT JOHNSON CORPORATION, Endicott, N. Y.  
FIELD AND FLINT COMPANY, Brockton, Mass.  
FLORSHEIM SHOE COMPANY, Chicago, Ill.  
FOERDERER (ROBERT H.) ESTATE, INC., Philadelphia, Pa.  
FREEMAN SHOE CORPORATION, Beloit, Wis.  
GALLUN (A. F.) & SONS CORPORATION, Milwaukee, Wis.  
GENERAL SHOE CORPORATION, Nashville, Tenn.  
GODMAN (H. C.) COMPANY, Columbus, O.  
HANSEN GLOVE CORPORATION, Milwaukee, Wis.  
INTERNATIONAL SHOE COMPANY, St. Louis, Mo.  
JOHNSTON & MURPHY, Newark, N. J.  
LASKIN (J.) & SONS CORP., Milwaukee, Wis.  
MCELWAIN (J. F.) COMPANY, Boston, Mass.  
NEUMANN (R.) & COMPANY, Hoboken, N. J.  
NUNN-BUSH SHOE COMPANY, Milwaukee, Wis.  
OHIO LEATHER COMPANY, Girard, O.  
PFISTER & VOGEL TANNING COMPANY, Milwaukee, Wis.  
SELBY SHOE COMPANY, Portsmouth, O.  
SURPASS LEATHER COMPANY, Philadelphia, Pa.  
TROSTEL (ALBERT) & SONS COMPANY, Milwaukee, Wis.  
UNITED STATES LEATHER COMPANY, New York City.



*Machinery, Accessories and Supplies*

- ABRASIVE MACHINE TOOL COMPANY, East Providence, R. I.  
ADAMS (J. D.) MANUFACTURING COMPANY, Indianapolis, Ind.  
ADAMS & WESTLAKE COMPANY, Elkhart, Ind.  
ADDRESSOGRAPH-MULTIGRAPH CORPORATION, Cleveland, O.  
AERMOTOR COMPANY, Chicago, Ill.  
AJAX MANUFACTURING COMPANY, Cleveland, O.  
ALCO VALVE COMPANY, St. Louis, Mo.  
ALLEN MANUFACTURING COMPANY, Hartford, Conn.  
AMERICAN BLOWER CORPORATION, Detroit, Mich.  
AMERICAN BRAKE SHOE COMPANY, New York City.  
AMERICAN CAR AND FOUNDRY COMPANY, New York City.  
AMERICAN ENGINEERING COMPANY, Philadelphia, Pa.  
AMERICAN HOIST & DERRICK COMPANY, St. Paul, Minn.  
AMERICAN LAUNDRY MACHINERY COMPANY, Cincinnati, O.  
AMERICAN LOCOMOTIVE COMPANY, New York City.  
AMERICAN MACHINE & FOUNDRY COMPANY, Brooklyn, N. Y.  
AMERICAN PULLEY COMPANY, Philadelphia, Pa.  
AMERICAN STEEL FOUNDRIES, Chicago, Ill.  
AMERICAN TOOL WORKS COMPANY, Cincinnati, O.  
AMERICAN TYPE FOUNDERS, INC., Elizabeth, N. J.  
ARENCO MACHINE COMPANY INC., New York City.  
ARGUS, INCORPORATED, Ann Arbor, Mich.  
ART METAL CONSTRUCTION COMPANY, Jamestown, N. Y.  
AVEY-DRILLING MACHINE COMPANY, Covington, Ky.  
BABCOCK & WILCOX COMPANY, New York City.  
BAKER PERKINS INC., Saginaw, Mich.  
BALDWIN LOCOMOTIVE WORKS, Philadelphia, Pa.  
BARCO MANUFACTURING CO. NOT INC., Chicago, Ill.  
BARTLETT (THE C. O.) & SNOW COMPANY, Cleveland, O.  
BEAVER PIPE TOOLS, INC., Warren, O.  
BELOIT IRON WORKS, Beloit, Wis.  
BETTENDORF COMPANY (THE), Bettendorf, Ia.  
BIRDSBORO STEEL FOUNDRY AND MACHINE COMPANY, Birdsboro, Pa.  
BLACK-CLAWSON COMPANY, Hamilton, O.  
BLACKMER PUMP COMPANY, Grand Rapids, Mich.  
BLISS (E. W.) COMPANY, Brooklyn, N. Y.  
BONNEY FORGE & TOOL WORKS, Allentown, Pa.  
BORG-WARNER CORPORATION, Chicago, Ill.  
BOSTON WIRE STITCHER COMPANY, East Greenwich, R. I.  
BOTWINIK BROTHERS, INCORPORATED, New Haven, Conn.  
BROWN & SHARPE MFG. CO., Providence, R. I.  
BUCKEYE STEEL CASTINGS COMPANY, Columbus, O.



*Machinery, Accessories and Supplies (Continued)*

- BUCYRUS-ERIE COMPANY, South Milwaukee, Wis.  
BUDA COMPANY, Harvey, Ill.  
BUDD (EDWARD G.) MANUFACTURING COMPANY, Philadelphia, Pa.  
BUFFALO FIRE APPLIANCE CORPORATION, Buffalo, N. Y.  
BUFFALO-SPRINGFIELD ROLLER COMPANY, Springfield, O.  
BULLARD COMPANY, Bridgeport, Conn.  
BURNS (JABEZ) & SONS, INC., New York City.  
BURROUGHS ADDING MACHINE COMPANY, Detroit, Mich.  
BYERS MACHINE CO. (THE), Ravenna, O.  
CARRIER CORPORATION, Syracuse, N. Y.  
CASE (J. I.) COMPANY, Racine, Wis.  
CATERPILLAR TRACTOR Co., Peoria, Ill.  
CENTURY ELECTRIC COMPANY, St. Louis, Mo.  
CHAIN BELT COMPANY, Milwaukee, Wis.  
CHERRY-BURRELL CORPORATION, Chicago, Ill.  
CHICAGO RAILWAY EQUIPMENT COMPANY, Chicago, Ill.  
CHILE EXPLORATION COMPANY, New York City.  
CINCINNATI BICKFORD TOOL COMPANY, Cincinnati, O.  
CINCINNATI MILLING MACHINE COMPANY, Cincinnati, O.  
CINCINNATI PLANER COMPANY, Cincinnati, O.  
CLARK BROS. COMPANY, INC., Olean, N. Y.  
CLEVELAND HOBBING MACHINE COMPANY, Cleveland, O.  
CLEVELAND PNEUMATIC TOOL COMPANY, Cleveland, O.  
CLEVELAND TRACTOR COMPANY, Cleveland, O.  
CLEVELAND TWIST DRILL COMPANY, Cleveland, O.  
CLYDE IRON WORKS, INC., Duluth, Minn.  
CONSOLIDATED MACHINE TOOL CORPORATION, Rochester, N. Y.  
CONTINENTAL FOUNDRY & MACHINE COMPANY, East Chicago, Ind.  
CONTINENTAL MOTORS CORP., Muskegon, Mich.  
CONTROL INSTRUMENT Co., INC., Brooklyn, N. Y.  
COOPER-BESSEMER CORPORATION, Mount Vernon, O.  
CROMPTON & KNOWLES LOOM WORKS, Worcester, Mass.  
CURTIS MANUFACTURING COMPANY, St. Louis, Mo.  
CUSHMAN CHUCK COMPANY, Hartford, Conn.  
DEAN BROTHERS PUMPS, INC., Indianapolis, Ind.  
DEERE & COMPANY, Moline, Ill.  
DE LAVAL SEPARATOR COMPANY, New York City.  
DE LAVAL STEAM TURBINE COMPANY, Trenton, N. J.  
DENTISTS' SUPPLY COMPANY OF NEW YORK (THE), New York City.  
DETROIT HARVESTER COMPANY, Detroit, Mich.  
DE VRY CORPORATION, Chicago, Ill.  
DICK (A. B.) COMPANY, Chicago, Ill.



*Machinery, Accessories and Supplies (Continued)*

- DICTAPHONE CORPORATION, Bridgeport, Conn.  
DIEBOLD INCORPORATED, Canton, O.  
DOWNINGTOWN MANUFACTURING COMPANY, Downingtown, Pa.  
DRAVO CORPORATION, Pittsburgh, Pa.  
EASY WASHING MACHINE CORPORATION, Syracuse, N. Y.  
EGRY REGISTER COMPANY, Dayton, O.  
ELASTIC STOP NUT CORPORATION OF AMERICA, Union, N. J.  
ELLICOTT MACHINE CORPORATION, Baltimore, Md.  
ELLIOTT COMPANY, Jeannette, Pa.  
ENTERPRISE ENGINE & FOUNDRY COMPANY, San Francisco, Cal.  
ENTERPRISE WHEEL AND CAR CORPORATION, Bristol, Va.  
EXOLON COMPANY (THE), Tonawanda, N. Y.  
FAIRBANKS, MORSE & Co., Beloit, Wis.  
FAIRMONT RAILWAY MOTORS, INC., Fairmont, Minn.  
FALK CORPORATION, Milwaukee, Wis.  
FARREL-BIRMINGHAM COMPANY, INC., Ansonia, Conn.  
FEDERAL-MOGUL CORPORATION, Detroit, Mich.  
FELLOWS GEAR SHAPER COMPANY, Springfield, Vt.  
FELT & TARRANT MANUFACTURING COMPANY, Chicago, Ill.  
FERGUSON (HARRY), INC., Dearborn, Mich.  
FISHER GOVERNOR COMPANY, Marshalltown, Ia.  
FLYNN AND EMRICH COMPANY, Baltimore, Md.  
FOOD MACHINERY CORPORATION, San Jose, Cal.  
FOOTE BROTHERS GEAR & MACHINE CORPORATION, Chicago, Ill.  
FORCE (WM. A.) & COMPANY, INC., Brooklyn, N. Y.  
FOSTER WHEELER CORPORATION, Carteret, N. J.  
FRAM CORPORATION, Providence, R. I.  
FRICK COMPANY, INC., Waynesboro, Pa.  
GENERAL AMERICAN TRANSPORTATION CORPORATION, Chicago, Ill.  
GENERAL FIREPROOFING COMPANY, Youngstown, O.  
GENERAL MACHINE COMPANY, Emmaus, Pa.  
GENERAL MACHINERY CORPORATION, Hamilton, O.  
GENERAL RAILWAY SIGNAL COMPANY, Rochester, N. Y.  
GENERAL STEEL CASTINGS CORPORATION, Eddystone, Pa.  
GEOMETRIC TOOL COMPANY, New Haven, Conn.  
GIDDINGS & LEWIS MACHINE TOOL COMPANY, Fond du Lac, Wis.  
GISHOLT MACHINE COMPANY, Madison, Wis.  
GLEASON WORKS, Rochester, N. Y.  
GLOBE-WERNICKE COMPANY, Cincinnati, O.  
GOSS PRINTING PRESS COMPANY, Chicago, Ill.  
GOULD & EBERHARDT, Newark (Irvington), N. J.  
GOULDS PUMPS, INC., Seneca Falls, N. Y.



*Machinery, Accessories and Supplies (Continued)*

- GREENFIELD TAP AND DIE CORPORATION, Greenfield, Mass.  
GRISCOM-RUSSELL COMPANY, Massillon, O.  
GUSTIN-BACON MANUFACTURING COMPANY, Kansas City, Mo.  
HANNIFIN MANUFACTURING COMPANY, Chicago, Ill.  
HARDINGE BROTHERS, INC., Elmira, N. Y.  
HARDINGE COMPANY, INC., York, Pa.  
HARNISCHFEGGER CORPORATION, Milwaukee, Wis.  
HARPER-WYMAN Co., Chicago, Ill.  
HARRIS-SEYBOLD POTTER COMPANY, Cleveland, O.  
HARTFORD-EMPIRE COMPANY, Hartford, Conn.  
HEALD MACHINE COMPANY, Worcester, Mass.  
HENDEY MACHINE COMPANY, Torrington, Conn.  
HIGH STANDARD MFG. COMPANY (THE), INC., Hamden, Conn.  
HOE (R.) & COMPANY, INC., New York City.  
HOFMANN (ALFRED) & COMPANY, West New York, N. J.  
HUGHES TOOL COMPANY, Houston, Tex.  
HYDROPRESS, INC., New York City.  
IDEAL ROLLER & MANUFACTURING COMPANY, INC., Chicago, Ill.  
ILLINOIS TOOL WORKS, Chicago, Ill.  
IMPROVED PAPER MACHINERY CORPORATION, Nashua, N. H.  
INDUSTRIAL BROWNHOIST CORPORATION, Bay City, Mich.  
INGERSOLL MILLING MACHINE COMPANY, Rockford, Ill.  
INGERSOLL-RAND COMPANY, New York City.  
INTERNATIONAL BUSINESS MACHINES CORPORATION, New York City.  
INTERNATIONAL DERRICK & EQUIPMENT COMPANY, Columbus, O.  
INTERNATIONAL HARVESTER COMPANY, Chicago, Ill.  
INTERTYPE CORPORATION, Brooklyn, N. Y.  
JOHNSTON & JENNINGS Co. (THE), Cleveland, O.  
JONES & LAMSON MACHINE COMPANY, Springfield, Vt.  
JOY MANUFACTURING COMPANY, Franklin, Pa.  
KEARNEY & TRECKER CORPORATION, Milwaukee, Wis.  
KELLER TOOL COMPANY, Grand Haven, Mich.  
KING MACHINE TOOL COMPANY, Cincinnati, O.  
LAMSON CORP., Syracuse, N. Y.  
LANDIS MACHINE COMPANY, INC., Waynesboro, Pa.  
LANDIS TOOL COMPANY, Waynesboro, Pa.  
LEBLOND (R. K.) MACHINE TOOL COMPANY, Cincinnati, O.  
LELAND-GIFFORD COMPANY, Worcester, Mass.  
LE ROI COMPANY, Milwaukee, Wis.  
LE TOURNEAU (R. G.) INC., Peoria, Ill.  
LEWYT CORPORATION, Brooklyn, N. Y.



*Machinery, Accessories and Supplies (Continued)*

- LIMA LOCOMOTIVE WORKS, INCORPORATED, Lima, O.  
LINCOLN ENGINEERING COMPANY, St. Louis, Mo.  
LINDBERG ENGINEERING COMPANY, Chicago, Ill.  
LINK-BELT COMPANY, Chicago, Ill.  
MACKINTOSH-HEMPHILL COMPANY, Pittsburgh, Pa.  
MALLEABLE IRON RANGE COMPANY, Beaver Dam, Wis.  
MANNING, MAXWELL & MOORE, INC., New York City.  
MANUFACTURERS MACHINE & TOOL CO., INC., New York City.  
MASSEY-HARRIS COMPANY, INC., Racine, Wis.  
MATHEWS CONVEYER COMPANY, Ellwood City, Pa.  
MATTISON MACHINE WORKS, Rockford, Ill.  
MAY OIL BURNER CORPORATION, Baltimore, Md.  
MAYTAG COMPANY, Newton, Ia.  
MEDART COMPANY, St. Louis, Mo.  
MERGENTHALER LINOTYPE COMPANY, Brooklyn, N. Y.  
MICHIANA PRODUCTS CORPORATION, Michigan City, Ind.  
MICROMATIC HONE CORPORATION, Detroit, Mich.  
MIEHLE PRINTING PRESS & MANUFACTURING COMPANY, Chicago, Ill.  
MISSION MANUFACTURING COMPANY, Houston, Tex.  
MIXING EQUIPMENT COMPANY, INC., Rochester, N. Y.  
MONARCH MACHINE TOOL COMPANY, Sidney, O.  
MORDEN FROG AND CROSSING WORKS, Chicago, Ill.  
MORGAN CONSTRUCTION COMPANY, Worcester, Mass.  
MURRAY COMPANY (THE), Dallas, Tex.  
MURRAY OHIO MANUFACTURING COMPANY, Cleveland, O.  
NASH ENGINEERING COMPANY, South Norwalk, Conn.  
NATIONAL AUTOMATIC TOOL COMPANY, Richmond, Ind.  
NATIONAL BEARING DIVISION, AMERICAN BRAKE SHOE CO., St. Louis, Mo.  
NATIONAL CASH REGISTER COMPANY, Dayton, O.  
NATIONAL MACHINERY COMPANY, Tiffin, O.  
NATIONAL SUPPLY CO., Pittsburgh, Pa.  
NEW PROCESS GEAR COMPANY, INC., Syracuse, N. Y.  
NEW YORK AIR BRAKE COMPANY, New York City.  
NILES-BEMENT-POND COMPANY, West Hartford, Conn.  
NORDBERG MANUFACTURING COMPANY, Milwaukee, Wis.  
NORTH AMERICAN MANUFACTURING COMPANY, Cleveland, O.  
NORTHERN ELECTRIC COMPANY, LTD., Montreal, Canada.  
NORTHWEST ENGINEERING COMPANY, Chicago, Ill.  
NORTON COMPANY, Worcester, Mass.  
O. K. TOOL COMPANY (THE), INC., New York City.



*Machinery, Accessories and Supplies (Continued)*

- OLIVER CORPORATION (THE), Battle Creek, Mich.  
ORR & SEMBOWER, INC., Reading, Pa.  
OSBORN MANUFACTURING COMPANY, Cleveland, O.  
OSTER MANUFACTURING COMPANY, Cleveland, O.  
OTIS ELEVATOR COMPANY, New York City.  
PACKAGE MACHINERY COMPANY, Springfield, Mass.  
PERKINS MACHINE AND GEAR COMPANY, Springfield, Mass.  
PERMUTIT COMPANY, New York City.  
PETTIBONE MULLIKEN CORPORATION, Chicago, Ill.  
PITNEY-BOWES POSTAGE METER COMPANY, Stamford, Conn.  
PLOMB TOOL COMPANY, Los Angeles, Cal.  
POOR & COMPANY, Chicago, Ill.  
PORTER-CABLE MACHINE COMPANY, Syracuse, N. Y.  
PROSPERITY COMPANY, INC., Syracuse, N. Y.  
PULLMAN INCORPORATED, Chicago, Ill.  
RAILWAY SUPPLY & MANUFACTURING CO. (THE), Cincinnati, O.  
RALSTON STEEL CAR COMPANY (THE), Columbus, O.  
RANCO, INC., Columbus, O.  
REECE BUTTON HOLE MACHINE COMPANY, Boston, Mass.  
REED-PRENTICE CORPORATION, Worcester, Mass.  
REED ROLLER BIT COMPANY, Houston, Tex.  
REMINGTON RAND INC., New York City.  
REPUBLIC DRILL & TOOL COMPANY, Chicago, Ill.  
RHEEM MANUFACTURING COMPANY, INCORPORATED, New York City.  
ROBINS CONVEYORS, INCORPORATED, Passaic, N. J.  
ROTARY LIFT COMPANY, Memphis, Tenn.  
ROYAL TYPEWRITER COMPANY, INC., New York City.  
RYERSON (JOSEPH T.) & SON, INC., Chicago, Ill.  
SACO-LOWELL SHOPS, Boston, Mass.  
SEAGRAVE CORPORATION, Columbus, O.  
SENECA FALLS MACHINE COMPANY, Seneca Falls, N. Y.  
SERVEL, INC., Evansville, Ind.  
SHARPLES CORPORATION, Philadelphia, Pa.  
SHEPARD NILES CRANE & HOIST CORPORATION, Montour Falls, N. Y.  
SINGER MANUFACTURING COMPANY, New York City.  
SMITH (A. P.) MANUFACTURING COMPANY, East Orange, N. J.  
SMITH (L. C.) & CORONA TYPEWRITERS INC., Syracuse, N. Y.  
SMITH (S. MORGAN) COMPANY, York, Pa.  
SMYTH MANUFACTURING COMPANY, Hartford, Conn.  
STANDARD RAILWAY EQUIPMENT MANUFACTURING COMPANY, Chicago, Ill.



*Machinery, Accessories and Supplies (Continued)*

- STANDARD REGISTER COMPANY, Dayton, O.  
STANDARD TOOL COMPANY, Cleveland, O.  
STARRETT (THE L. S.) COMPANY, Athol, Mass.  
STREETER-AMET COMPANY, Chicago, Ill.  
SUNNEN PRODUCTS COMPANY, St. Louis, Mo.  
SUPERHEATER COMPANY, New York City.  
SYMINGTON-GOULD CORPORATION, New York City.  
TECUMSEH PRODUCTS COMPANY, Tecumseh, Mich.  
TERRY STEAM TURBINE COMPANY, Hartford, Conn.  
TEXTILE MACHINE WORKS, Reading, Pa.  
THEW SHOVEL COMPANY, Lorain, O.  
TOKHEIM OIL TANK AND PUMP COMPANY, Fort Wayne, Ind.  
TOOL STEEL GEAR AND PINION COMPANY, Cincinnati, O.  
TWIN DISC CLUTCH COMPANY, Racine, Wis.  
UNDERWOOD CORPORATION, New York City.  
UNION IRON WORKS, Erie, Pa.  
UNION SPECIAL MACHINE COMPANY, Chicago, Ill.  
UNION SWITCH & SIGNAL COMPANY, Swissvale, Pa.  
UNION TANK CAR COMPANY, Chicago, Ill.  
UNITED SHOE MACHINERY CORPORATION, Boston, Mass.  
VAN NORMAN COMPANY, Springfield, Mass.  
VENDO COMPANY (THE), Kansas City, Mo.  
VICKERS INCORPORATED (WATERBURY TOOL DIVISION), Waterbury, Conn.  
VILTER MANUFACTURING COMPANY, Milwaukee, Wis.  
WALES-STRIPPIT CORPORATION, North Tonawanda, N. Y.  
WARNER & SWASEY COMPANY, Cleveland, O.  
WATERBURY FARREL FOUNDRY & MACHINE COMPANY, Waterbury, Conn.  
WATSON-FLAGG MACHINE COMPANY, INC., Paterson, N. J.  
WATSON MACHINE COMPANY, Paterson, N. J.  
WATSON-STILLMAN CO. (THE), Roselle, N. J.  
WAUKESHA MOTOR COMPANY, Waukesha, Wis.  
WEAN ENGINEERING COMPANY, INC., Warren, O.  
WELDON TOOL COMPANY, Cleveland, O.  
WELLMAN ENGINEERING COMPANY, Cleveland, O.  
WESTERN ELECTRIC COMPANY, INC., New York City.  
WESTINGHOUSE AIR BRAKE COMPANY, Wilmerding, Pa.  
WHITE SEWING MACHINE CORPORATION, Cleveland, O.  
WHITIN MACHINE WORKS, Whitinsville, Mass.  
WOOD NEWSPAPER MACHINERY CORPORATION, New York City.  
WOOD'S SONS (T. B.) CO., Chambersburg, Pa.



*Machinery, Accessories and Supplies (Continued)*

WORTHINGTON PUMP AND MACHINERY CORPORATION, Harrison, N. J.

YALE & TOWNE MANUFACTURING COMPANY, New York City.

YORK CORPORATION, York, Pa.

*Metals and Metal Products*

ACME STEEL COMPANY, Chicago, Ill.

ACME VISIBLE RECORDS, INC., Chicago, Ill.

ACME WIRE COMPANY (THE), New Haven, Conn.

ADIRONDACK FOUNDRIES & STEEL, INC., Watervliet, N. Y.

ADVANCE PRESSURE CASTINGS, INC., Brooklyn, N. Y.

AFRICAN METALS CORPORATION, New York City.

AJAX METAL COMPANY, Philadelphia, Pa.

ALLEN IRON & STEEL CO. (THE), Norristown, Pa.

ALUMINUM COMPANY OF AMERICA, Pittsburgh, Pa.

ALUMINUM COMPANY OF CANADA, LTD., Montreal, Canada.

ALUMINUM GOODS MANUFACTURING COMPANY, Manitowoc, Wis.

AMERICAN BRASS COMPANY, Waterbury, Conn.

AMERICAN CAN COMPANY, New York City.

AMERICAN CAST IRON PIPE CO., Birmingham, Ala.

AMERICAN CHAIN AND CABLE COMPANY, INC., Bridgeport, Conn.

AMERICAN HARDWARE CORPORATION, New Britain, Conn.

AMERICAN ROLLING MILL COMPANY, Middletown, O.

AMERICAN SMELTING AND REFINING COMPANY, New York City.

AMERICAN ZINC, LEAD & SMELTING COMPANY, St. Louis, Mo.

AMES BALDWIN WYOMING COMPANY, Parkersburg, W. Va.

ANACONDA COOPER MINING COMPANY, New York City.

ANACONDA WIRE & CABLE COMPANY, New York City.

ANDREWS STEEL COMPANY, Newport, Ky.

ANIMAL TRAP COMPANY OF AMERICA, Lititz, Pa.

APPLETON WIRE WORKS, INC., Appleton, Wis.

ASSOCIATED SPRING CORPORATION, Bristol, Conn.

ATKINS (E. C.) AND COMPANY, Indianapolis, Ind.

ATLANTIC STEEL COMPANY, Atlanta, Ga.

BAKER & COMPANY, INC., Newark, N. J.

BASTIAN-BLESSING COMPANY, Chicago, Ill.

BELLE CITY MALLEABLE IRON COMPANY, Racine, Wis.

BENEDICT MFG. COMPANY, East Syracuse, N. Y.

BETHLEHEM STEEL COMPANY, INC., Bethlehem, Pa.

BIGELOW COMPANY, New Haven, Conn.

BLAW-KNOX COMPANY, Pittsburgh, Pa.

BREWER-TITCHENER CORPORATION (THE), Cortland, N. Y.



*Metals and Metal Products (Continued)*

- BRIDGEPORT BRASS COMPANY, Bridgeport, Conn.  
BRISTOL BRASS CORPORATION, Bristol, Conn.  
BROWN FENCE & WIRE COMPANY, Cleveland, O.  
BUCKEYE FOUNDRY COMPANY, Cincinnati, O.  
BUFFALO FOUNDRY AND MACHINE COMPANY, Buffalo, N. Y.  
BUNKER HILL & SULLIVAN MINING & CONCENTRATING COMPANY  
Kellogg, Id.  
BUNTING BRASS & BRONZE COMPANY, Toledo, O.  
BUTLER BROTHERS, St. Paul, Minn.  
BYERS (A. M.) COMPANY, Pittsburgh, Pa.  
CADILLAC MALLEABLE IRON COMPANY, Cadillac, Mich.  
CALLITE TUNGSTEN CORPORATION, Union City, N. J.  
CAMDEN FORGE COMPANY, Camden, N. J.  
CAMPBELL, WYANT & CANNON FOUNDRY COMPANY, Muskegon,  
Mich.  
CANFIELD (M. C.) SONS, Newark, N. J.  
CAPEWELL MANUFACTURING COMPANY, Hartford, Conn.  
CARPENTER STEEL COMPANY, Reading, Pa.  
CHAPMAN VALVE MANUFACTURING COMPANY, Indian Orchard,  
Mass.  
CHICAGO BRIDGE & IRON COMPANY, Chicago, Ill.  
CHICAGO EXTRUDED METALS COMPANY, Cicero, Ill.  
CHICAGO HARDWARE FOUNDRY COMPANY, North Chicago, Ill.  
CLEVELAND-CLIFFS IRON COMPANY, Cleveland, O.  
CLIMAX MOLYBDENUM COMPANY, New York City.  
CLOW (JAMES B.) & SONS, Chicago, Ill.  
COLEMAN LAMP AND STOVE COMPANY, Wichita, Kan.  
COLORADO FUEL AND IRON CORPORATION, Denver, Colo.  
COLUMBUS BOLT WORKS COMPANY, Columbus, O.  
COLUMBUS MCKINNON CHAIN CORPORATION, Tonawanda, N. Y.  
COMBUSTION ENGINEERING COMPANY, INC., New York City.  
CONSOLIDATED COPPERMINES CORPORATION, New York City.  
CONSOLIDATED MINING AND SMELTING COMPANY OF CANADA  
LIMITED, Montreal, Canada.  
CONSOLIDATED STEEL CORPORATION, LTD., Los Angeles, Cal.  
CONTINENTAL CAN COMPANY, INC., New York City.  
CONTINENTAL SCREW COMPANY, New Bedford, Mass.  
COPPERWELD STEEL COMPANY, Glassport, Pa.  
CRANE COMPANY, Chicago, Ill.  
CRESCENT INSULATED WIRE AND CABLE COMPANY, Trenton, N. J.  
CRESCENT TOOL COMPANY, Jamestown, N. Y.  
CRIBBEN AND SEXTON COMPANY, Chicago, Ill.  
CRUCIBLE STEEL COMPANY OF AMERICA, New York City.



*Metals and Metal Products (Continued)*

- CUNO ENGINEERING CORPORATION, Meriden, Conn.  
DAHLSTROM METALLIC DOOR COMPANY, Jamestown, N. Y.  
DAYTON STEEL FOUNDRY COMPANY, Dayton, O.  
DETROIT-MICHIGAN STOVE COMPANY, Detroit, Mich.  
DETROIT STEEL CASTING COMPANY, Detroit, Mich.  
DIAMOND CHAIN & MANUFACTURING COMPANY, Indianapolis, Ind.  
DIAMOND POWER SPECIALTY CORPORATION, Detroit, Mich.  
DILL MANUFACTURING COMPANY, Cleveland, O.  
DISSTON (HENRY) & SONS, INC., Philadelphia, Pa.  
DITTO, INCORPORATED, Chicago, Ill.  
DODGE STEEL COMPANY, Philadelphia, Pa.  
DOEHLE-JARVIS CORPORATION, New York City.  
DOMINION STEEL & COAL CORPORATION, LIMITED, Sydney, Nova Scotia, Canada.  
DONALDSON COMPANY, INC., St. Paul, Minn.  
DRESSER INDUSTRIES, INC., Cleveland, O.  
DURIRON COMPANY, INC., Dayton, O.  
EAGLE-PICHER LEAD COMPANY, Cincinnati, O.  
EASTWOOD-NEALLEY CORPORATION, Belleville, N. J.  
EDGEWATER STEEL COMPANY, Pittsburgh, Pa.  
ELECTRO REFRACTORIES AND ALLOYS CORPORATION, Buffalo, N. Y.  
ELLWOOD CITY FORGE COMPANY, Ellwood City, Pa.  
ENGELHARD (CHARLES), INC., New York City.  
ENTERPRISE ALUMINUM CO. (THE), Massillon, O.  
ERIE CITY IRON WORKS, Erie, Pa.  
ERIE MALLEABLE IRON COMPANY, Erie, Pa.  
ESTATE STOVE COMPANY, Hamilton, O.  
FAFNIR BEARING COMPANY, New Britain, Conn.  
FEINER (P.) & SONS, INC., New York City.  
FIRTH-STERLING STEEL COMPANY, McKeesport, Pa.  
FISCHER SPECIAL MANUFACTURING COMPANY, Cincinnati, O.  
FLORENCE PIPE FOUNDRY AND MACHINE COMPANY, Philadelphia, Pa.  
FOREST CITY FOUNDRIES COMPANY, Cleveland, O.  
GALE PRODUCTS, Galesburg, Ill.  
GENERAL CABLE CORPORATION, New York City.  
GEROTOR MAY CORPORATION, Baltimore, Md.  
GILLETTE SAFETY RAZOR COMPANY, Boston, Mass.  
GREDE FOUNDRIES, INC., Milwaukee, Wis.  
GREIST MANUFACTURING COMPANY, New Haven, Conn.  
GRIP NUT COMPANY, Chicago, Ill.  
HAMILTON FOUNDRY & MACHINE COMPANY, Hamilton, O.



*Metals and Metal Products (Continued)*

- HANNA (M. A.) COMPANY, Cleveland, O.  
HAUSERMAN (E. F.) COMPANY, Cleveland, O.  
HECLA MINING COMPANY, Wallace, Id.  
HELLER BROTHERS COMPANY, Newcomerstown, O.  
HEPPENSTALL COMPANY, Pittsburgh, Pa.  
HERRING-HALL-MARVIN SAFE COMPANY, Hamilton, O.  
HOLO-KROME SCREW CORPORATION, Hartford, Conn.  
HOOSIER CARDINAL CORP., Evansville, Ind.  
HUDSON BAY MINING & SMELTING COMPANY, LTD., New York City.  
HUDSON (H. D.) MANUFACTURING COMPANY, Chicago, Ill.  
HUMASON MANUFACTURING COMPANY, INC., Forestville, Conn.  
HUMPHRYES MANUFACTURING COMPANY, Mansfield, O.  
IDAHO MARYLAND MINES CORPORATION, San Francisco, Cal.  
INDUSTRIAL SILICA CORPORATION, Youngstown, O.  
INGALLS IRON WORKS COMPANY, Birmingham, Ala.  
INLAND STEEL COMPANY, Chicago, Ill.  
INTERLAKE IRON CORPORATION, Cleveland, O.  
INTERNATIONAL NICKEL COMPANY, INC., New York City.  
INTERNATIONAL SILVER COMPANY, Meriden, Conn.  
INTERNATIONAL SMELTING & REFINING COMPANY, New York City.  
JOHNSON (A.) AND COMPANY, INC., New York City.  
JOHNSON BRONZE COMPANY, New Castle, Pa.  
JONES & LAUGHLIN STEEL CORPORATION, Pittsburgh, Pa.  
KALAMAZOO STOVE & FURNACE COMPANY, Kalamazoo, Mich.  
KAWNEER COMPANY, Niles, Mich.  
KELLOGG (M. W.) COMPANY, New York City.  
KENNECOTT COPPER CORPORATION, New York City.  
KENT METAL & CHEMICAL WORKS, Edgewater, N. J.  
KEYSTONE STEEL AND WIRE COMPANY, Peoria, Ill.  
KOHLER COMPANY, Kohler, Wis.  
KUHN'S BROTHERS COMPANY, Dayton, O.  
LADISH DROP FORGE COMPANY, Cudahy, Wis.  
LAKE CITY MALLEABLE COMPANY, Cleveland, O.  
LAMSON & SESSIONS COMPANY, Cleveland, O.  
LANE-WELLS COMPANY, Los Angeles, Cal.  
LEBANON STEEL FOUNDRY, Lebanon, Pa.  
LESCHEN (A.) & SONS ROPE COMPANY, St. Louis, Mo.  
LINDSAY WIRE WEAVING COMPANY, Cleveland, O.  
LOCKWOOD MANUFACTURING COMPANY, Cincinnati, O.  
LOCOMOTIVE FINISHED MATERIAL COMPANY, Atchison, Kan.  
LORENTZEN (H. K.), INC., New York City.



*Metals and Metal Products (Continued)*

- LUCAS MACHINE TOOL COMPANY, Cleveland, O.  
LUDLOW VALVE MANUFACTURING COMPANY, INC., Troy, N. Y.  
LUFKIN FOUNDRY & MACHINE COMPANY, Lufkin, Tex.  
LUKENS STEEL COMPANY, Coatesville, Pa.  
LUNKENHEIMER COMPANY, Cincinnati, O.  
MACKLIN COMPANY, Jackson, Mich.  
MACWHYTE COMPANY, Kenosha, Wis.  
MAHON (R. C.) COMPANY, Detroit, Mich.  
MALLEABLE IRON FITTINGS COMPANY, Branford, Conn.  
MARLIN-ROCKWELL CORPORATION, Jamestown, N. Y.  
MATTATUCK MANUFACTURING COMPANY, Waterbury, Conn.  
MATTHEWS (JAS. H.) & CO., Pittsburgh, Pa.  
MATTHEWS MANUFACTURING COMPANY, Worcester, Mass.  
McLOUTH STEEL CORPORATION, Detroit, Mich.  
MERGOTT (THE J. E.) COMPANY, Newark, N. J.  
MESKER BROS. IRON CO., St. Louis, Mo.  
METAL FORMING CORPORATION, Elkhart, Ind.  
METAL & THERMIT CORPORATION, New York City.  
MICHIGAN SEAMLESS TUBE COMPANY, South Lyon, Mich.  
MICHIGAN STEEL CASTING COMPANY, Detroit, Mich.  
MID-STATES STEEL & WIRE COMPANY, Crawfordsville, Ind.  
MILWAUKEE GAS SPECIALITY COMPANY, Milwaukee, Wis.  
MISSISSIPPI VALLEY STRUCTURAL STEEL CO., Decatur, Ill.  
MODINE MANUFACTURING COMPANY, Racine, Wis.  
MONROE STEEL CASTINGS COMPANY, Monroe, Mich.  
MOUNT VERNON BRIDGE COMPANY, Mt. Vernon, O.  
MUELLER BRASS CO., Port Huron, Mich.  
NATIONAL BEARING METALS CORPORATION, St. Louis, Mo.  
NATIONAL BRASS COMPANY, Grand Rapids, Mich.  
NATIONAL ENAMELING AND STAMPING COMPANY, Milwaukee, Wis.  
NATIONAL LEAD COMPANY, New York City.  
NATIONAL MALLEABLE AND STEEL CASTINGS COMPANY, Cleveland, O.  
NATIONAL SCREW & MANUFACTURING COMPANY, Cleveland, O.  
NATIONAL STEEL CORPORATION, Pittsburgh, Pa.  
NEVADA-MASSACHUSETTS COMPANY, INC., Sonora, Cal.  
NEW DEPARTURE DIVISION, GENERAL MOTORS CORPORATION, Bristol, Conn.  
NEW ENGLAND SMELTING WORKS, INCORPORATED, West Springfield, Mass.  
NEW JERSEY ZINC COMPANY, New York City.  
NICHOLSON FILE COMPANY, Providence, R. I.



*Metals and Metal Products (Continued)*

- NORANDA MINES, LIMITED, Toronto, Canada.  
NORMA-HOFFMAN BEARINGS CORPORATION, Stamford, Conn.  
NORRIS STAMPING AND MANUFACTURING Co., Los Angeles, Cal.  
NORTH BROTHERS MANUFACTURING COMPANY, Philadelphia, Pa.  
NORTH & JUDD MANUFACTURING COMPANY, New Britain, Conn.  
NORTHERN INDIANA BRASS COMPANY, Elkhart, Ind.  
NORTHERN MALLEABLE IRON COMPANY, St. Paul, Minn.  
OBERDORFER FOUNDRIES, INC., Syracuse, N. Y.  
OGLEBAY NORTON & COMPANY, Cleveland, O.  
OHIO FERRO-ALLOYS CORPORATION, Canton, O.  
OHIO SEAMLESS TUBE COMPANY, Shelby, O.  
OHIO STEEL FOUNDRY COMPANY, Lima, O.  
OKONITE COMPANY, Passaic, N. J.  
ONEIDA LTD., Oneida, N. Y.  
PALLEY MANUFACTURING COMPANY, Pittsburgh, Pa.  
PANGBORN CORPORATION, Hagerstown, Md.  
PARKER-KALON CORPORATION, New York City.  
PASS & SEYMOUR, INC., Syracuse, N. Y.  
PECK, STOW & WILCOX COMPANY (THE), Southington, Conn.  
PENN METAL CORPORATION OF PENNA., Philadelphia, Pa.  
PENN STEEL CASTINGS COMPANY, Chester, Pa.  
PENNSYLVANIA FORGE CORPORATION, Philadelphia, Pa.  
PERMANENTE METALS CORPORATION (THE), Richmond, Cal.  
PFAUDLER COMPANY, Rochester, N. Y.  
PHELPS DODGE CORPORATION, New York City.  
PHEOLL MANUFACTURING COMPANY, Chicago, Ill.  
PICKANDS MATHER & COMPANY, Cleveland, O.  
PITTSBURGH EQUITABLE METER COMPANY, Pittsburgh, Pa.  
PITTSBURGH FORGINGS COMPANY, Pittsburgh, Pa.  
PITTSBURGH SCREW AND BOLT CORPORATION, Pittsburgh, Pa.  
PLAINVILLE CASTING COMPANY, Plainville, Conn.  
POLLAK MANUFACTURING COMPANY, Arlington, N. J.  
PRECISION CASTINGS COMPANY, INC., Syracuse, N. Y.  
PROGRESSIVE MANUFACTURING COMPANY, Torrington, Conn.  
REEVES STEEL AND MANUFACTURING COMPANY, Dover, O.  
REPUBLIC STAMPING & ENAMELING COMPANY, Canton, O.  
REPUBLIC STEEL CORPORATION, Cleveland, O.  
REVERE COPPER AND BRASS INCORPORATED, New York City.  
REYNOLDS METALS COMPANY, INC., Louisville, Ky.  
RILEY STOKER CORPORATION, Worcester, Mass.  
RIVERSIDE METAL COMPANY, Riverside, N. J.  
ROCKBESTOS PRODUCTS CORPORATION, New Haven, Conn.



*Metals and Metal Products (Continued)*

- ROEBLING'S (JOHN A.) SONS COMPANY, Trenton, N. J.  
ROME CABLE CORPORATION, Rome, N. Y.  
ROTARY ELECTRIC STEEL COMPANY, Detroit, Mich.  
RUNDLE MANUFACTURING COMPANY, Milwaukee, Wis.  
RUSSELL HARRINGTON CUTLERY COMPANY, Southbridge, Mass.  
RUSTLESS IRON AND STEEL CORPORATION, Baltimore, Md.  
SARGENT & COMPANY, New Haven, Conn.  
SAVAGE ARMS CORPORATION, Utica, N. Y.  
SCHLAGE LOCK COMPANY, San Francisco, Cal.  
SCHULTZ DIE CASTING COMPANY, Toledo, O.  
SCOVILL MANUFACTURING COMPANY, Waterbury, Conn.  
SESSIONS (J. H.) & SON, Bristol, Conn.  
SHAW-WALKER COMPANY, Muskegon, Mich.  
SHENANGO FURNACE COMPANY, Pittsburgh, Pa.  
SIGNODE STEEL STRAPPING COMPANY, Chicago, Ill.  
SIMONDS SAW AND STEEL COMPANY, Fitchburg, Mass.  
SIMONDS WORDEN WHITE COMPANY, Dayton, O.  
SKF INDUSTRIES INC., Philadelphia, Pa.  
SOULE STEEL COMPANY, San Francisco, Cal.  
STANLEY WORKS (THE), New Britain, Conn.  
STERLING FOUNDRY COMPANY, Wellington, O.  
STOLPER STEEL PRODUCTS CORPORATION, Milwaukee, Wis.  
SWANK, INC., Attleboro, Mass.  
TACO HEATERS, INC., New York City.  
TALON, INC., Meadville, Pa.  
TAPPAN STOVE COMPANY, Mansfield, O.  
TAYLOR FORGE & PIPE WORKS, Chicago, Ill.  
TIMKEN ROLLER BEARING COMPANY, Canton, O.  
TITAN METAL MANUFACTURING COMPANY, Bellefonte, Pa.  
TORRINGTON COMPANY, Torrington, Conn.  
TOWLE MANUFACTURING COMPANY, Newburyport, Mass.  
TRACKSON COMPANY, Milwaukee, Wis.  
TURNER & SEYMOUR MANUFACTURING COMPANY, Torrington, Conn.  
UNION FORK & HOE COMPANY, Columbus, O.  
UNION METAL MANUFACTURING COMPANY, Canton, O.  
UNION STEEL PRODUCTS COMPANY, Albion, Mich.  
UNITCAST CORPORATION, Toledo, O.  
UNITED SPECIALTIES COMPANY, Chicago, Ill.  
UNITED STATES PIPE AND FOUNDRY COMPANY, Burlington, N. J.  
UNITED STATES RADIATOR CORPORATION, Detroit, Mich.  
UNITED STATES REGISTER COMPANY, Battle Creek, Mich.



*Metals and Metal Products (Continued)*

UNITED STATES SMELTING, REFINING AND MINING COMPANY, Salt Lake City, Utah.  
UNITED STATES STEEL CORPORATION OF DELAWARE, Pittsburgh, Pa.  
UNITED WELDING COMPANY (THE), Middletown, O.  
UNITED WIRE AND SUPPLY CORPORATION, Providence, R. I.  
UNIVERSAL-CYCLOPS STEEL CORPORATION, Bridgeville, Pa.  
VANADIUM ALLOYS STEEL COMPANY, Pittsburgh, Pa.  
VANADIUM CORPORATION OF AMERICA, New York City.  
VAPOR CAR HEATING COMPANY, INC., Chicago, Ill.  
VICTOR ADDING MACHINE COMPANY, Chicago, Ill.  
VOLLRATH COMPANY, Sheboygan, Wis.  
WAGNER (E. R.) MANUFACTURING COMPANY, Milwaukee, Wis.  
WALWORTH COMPANY, INC., New York City.  
WARREN FOUNDRY & PIPE CORPORATION, New York City.  
WASHBURN COMPANY, Worcester, Mass.  
WATERBURY COMPANIES, INC., Waterbury, Conn.  
WATERTOWN ARSENAL, Watertown, Mass.  
WEBSTER (WARREN) & COMPANY, Camden, N. J.  
WEST BEND ALUMINUM COMPANY, West Bend, Wis.  
WHEELING STEEL CORPORATION, Wheeling, W. Va.  
WILLIAMS (J. H.) & COMPANY, Buffalo, N. Y.  
WISCONSIN MOTOR CORPORATION, Milwaukee, Wis.  
WOOD (JOHN) MANUFACTURING COMPANY, INC., Philadelphia, Pa.  
WOOD SHOVEL AND TOOL COMPANY, Piqua, O.  
WOODWARD IRON COMPANY, Woodward, Ala.  
WORCESTER PRESSED STEEL COMPANY, Worcester, Mass.  
WORDEN-ALLEN COMPANY, Milwaukee, Wis.  
WYATT METAL & BOILER WORKS, Houston, Tex.  
WYMAN-GORDON COMPANY, Worcester, Mass.  
YOUNGSTOWN SHEET AND TUBE COMPANY, Youngstown, O.

*Paints, Pigments and Varnishes*

INTERCHEMICAL CORPORATION, New York City.  
KOHNSTAMM (H.) & COMPANY, INC., New York City.  
LILLY VARNISH COMPANY, Indianapolis, Ind.  
ROXALIN FLEXIBLE FINISHES, INC., Elizabeth, N. J.  
SHERWIN-WILLIAMS COMPANY, Cleveland, O.  
TREMCO MANUFACTURING COMPANY, Cleveland, O.



*Paper, Pulp and Paper Products*

- A. P. W. PAPER COMPANY, Albany, N. Y.  
ALBEMARLE PAPER MANUFACTURING COMPANY, Richmond, Va.  
AMERICAN REENFORCED PAPER COMPANY, Attleboro, Mass.  
AMERICAN SEAL-KAP CORPORATION, Long Island City, N. Y.  
APPLETON COATED PAPER COMPANY, Appleton, Wis.  
BADGER CARTON COMPANY, Milwaukee, Wis.  
BERGSTROM PAPER COMPANY, Neenah, Wis.  
BROMPTON PULP & PAPER COMPANY, LIMITED, East Angus, Quebec, Canada.  
BRUNSWICK PULP AND PAPER COMPANY, Brunswick, Ga.  
CHAMPION PAPER AND FIBRE COMPANY, Hamilton, O.  
CLIFTON PAPER BOARD Co., INC., Clifton, N. J.  
CLOPAY CORPORATION, Cincinnati, O.  
CONTINENTAL PAPER COMPANY, Ridgefield Park, N. J.  
CORNELL WOOD PRODUCTS COMPANY, Chicago, Ill.  
CROCKER, BURBANK & Co., ASSN., Fitchburg, Mass.  
CROWN ZELLERBACH CORPORATION, San Francisco, Cal.  
CRYSTAL TISSUE COMPANY, Middletown, O.  
CURTIS 1000 INC., St. Paul, Minn.  
CUPPLES COMPANY, St. Louis, Mo.  
DENNISON MANUFACTURING COMPANY, Framingham, Mass.  
DOWNING BOX COMPANY, Milwaukee, Wis.  
DUNN SULPHITE PAPER COMPANY, Port Huron, Mich.  
EASTERN CORPORATION, Bangor, Me.  
EDDY PAPER CORPORATION, Milwaukee, Wis.  
ESLEECK MANUFACTURING COMPANY, Turners Falls, Mass.  
FIBREBOARD PRODUCTS, INC., San Francisco, Cal.  
FINCH, PRUYN AND COMPANY, INCORPORATED, Glens Falls, N. Y.  
FITCHBURG PAPER COMPANY, Fitchburg, Mass.  
FORT WAYNE CORRUGATED PAPER Co., Fort Wayne, Ind.  
FRASER COMPANIES, LIMITED, Edmundston, N. B., Canada.  
GAYLORD CONTAINER CORPORATION, St. Louis, Mo.  
GENERAL BOX COMPANY, Chicago, Ill.  
GILBERT PAPER COMPANY, Menasha, Wis.  
GLATFELTER (P. H.) COMPANY, Spring Grove, Pa.  
GULF STATES PAPER CORPORATION, Tuscaloosa, Ala.  
HAMILTON (W. C.) & SONS, Miquon, Pa.  
HAMMERMILL PAPER COMPANY, Erie, Pa.  
HINDE & DAUCH PAPER COMPANY (THE), Sandusky, O.  
HOBERG PAPER MILLS, INC., Green Bay, Wis.  
HUDSON PULP & PAPER CORPORATION, New York City.  
IMPERIAL PAPER AND COLOR CORPORATION, Glens Falls, N. Y.



*Paper, Pulp and Paper Products (Continued)*

- INLAND CONTAINER CORPORATION, Indianapolis, Ind.  
INTERSTATE FOLDING BOX COMPANY, Middletown, O.  
KALAMAZOO VEGETABLE PARCHMENT COMPANY, Kalamazoo, Mich.  
KIMBERLY-CLARK CORPORATION, Neenah, Wis.  
LEE PAPER COMPANY, Vicksburg, Mich.  
LILY-TULIP CUP CORPORATION, New York City.  
MANNING (JOHN A.) PAPER COMPANY, INC., Troy, N. Y.  
MARATHON CORPORATION, Rothschild, Wis.  
MEAD CORPORATION, Chillicothe, O.  
MINNESOTA AND ONTARIO PAPER COMPANY, Minneapolis, Minn.  
MOORE CORPORATION, LIMITED, Toronto, Canada.  
NASHUA GUMMED & COATED PAPER COMPANY, Nashua, N. H.  
NATIONAL VULCANIZED FIBRE COMPANY, Wilmington, Del.  
NEKOOSA-EDWARDS PAPER COMPANY, Port Edwards, Wis.  
NEW HAVEN PULP & BOARD CO., (THE), New Haven, Conn.  
NORTHERN PAPER MILLS, Green Bay, Wis.  
NORTHWEST PAPER COMPANY, Cloquet, Minn.  
ONTONAGON FIBRE CORPORATION, Ontonagon, Mich.  
ORCHARD PAPER COMPANY, St. Louis, Mo.  
OSWEGO FALLS CORPORATION, Fulton, N. Y.  
OXFORD PAPER COMPANY, New York City.  
PAPER MANUFACTURERS COMPANY, INC., Philadelphia, Pa.  
POWELL RIVER COMPANY LIMITED, Powell River, Canada.  
PURITAN STATIONERY COMPANY, Philadelphia, Pa.  
RACQUETTE RIVER PAPER COMPANY, Potsdam, N. Y.  
RIEDEL PAPER CORPORATION, New York City.  
RITCHIE (W. C.) AND COMPANY, Chicago, Ill.  
RIVERSIDE PAPER CORPORATION, Appleton, Wis.  
SANDURA COMPANY, INC., Philadelphia, Pa.  
ST. REGIS PAPER COMPANY, New York City.  
SCHMIDT & AULT PAPER COMPANY, York, Pa.  
SCHULZ (A. GEO.) COMPANY, Milwaukee, Wis.  
SCHWEITZER (PETER J.), INC., New York City.  
SCOTT PAPER COMPANY, Chester, Pa.  
SHELLMAR PRODUCTS COMPANY, Mt. Vernon, O.  
SONOCO PRODUCTS COMPANY, Hartsville, S. C.  
SPECIALTY PAPERS COMPANY, Dayton, O.  
STRATHMORE PAPER COMPANY, West Springfield, Mass.  
SUTHERLAND PAPER COMPANY, Kalamazoo, Mich.  
UNION BAG & PAPER CORPORATION, New York City.  
UNITED STATES ENVELOPE COMPANY, Worcester, Mass.  
UNITED STATES PLAYING CARD COMPANY, Cincinnati, O.



*Paper, Pulp and Paper Products (Continued)*

UNITED WALLPAPER, INC., Chicago, Ill.  
WALDORF PAPER PRODUCTS COMPANY, St. Paul, Minn.  
WEST VIRGINIA PULP AND PAPER COMPANY, New York City.  
WESTFIELD RIVER PAPER CO., INC., Russell, Mass.  
WESTON (BYRON) COMPANY, Dalton, Mass.  
WRIGHT COMPANY INC., New York City.

*Petroleum and Petroleum Products*

AMERADA PETROLEUM CORPORATION, New York City.  
ASHLAND OIL & REFINING COMPANY, Ashland, Ky.  
ATLANTIC REFINING COMPANY, Philadelphia, Pa.  
CANADIAN OIL COMPANIES, LIMITED, Petrolia, Ontario, Canada.  
ETHYL CORPORATION, New York City.  
FOREST OIL CORPORATION, Bradford, Pa.  
GENERAL PETROLEUM CORPORATION OF CALIFORNIA, Los Angeles, Cal.  
GULF OIL CORPORATION, Pittsburgh, Pa.  
HUMBLE OIL & REFINING COMPANY, Houston, Tex.  
IMPERIAL OIL, LIMITED, Toronto, Ontario, Canada.  
LUMMUS COMPANY, New York City.  
MCCOLL-FRONTENAC OIL COMPANY, LIMITED, Montreal, Canada.  
NATIONAL REFINING COMPANY, Cleveland, O.  
OHIO OIL COMPANY, Findlay, O.  
PAN AMERICAN PETROLEUM & TRANSPORT COMPANY, New York City.  
PHILLIPS PETROLEUM COMPANY, Bartlesville, Okla.  
PURE OIL COMPANY, Chicago, Ill.  
ROCKY MOUNTAIN DRILLING COMPANY, Los Angeles, Cal.  
ST. CLAIR PROCESSING CORPORATION, LTD., Sarnia, Ontario, Canada.  
SHELL OIL COMPANY, INC., New York City.  
SIGNAL OIL AND GAS COMPANY, Los Angeles, Cal.  
SINCLAIR OIL CORPORATION, New York City.  
SOCONY-VACUUM OIL COMPANY, INCORPORATED, New York City.  
SONNEBORN (L.) SONS, INC., New York City.  
STANDARD OIL COMPANY OF CALIFORNIA, San Francisco, Cal.  
STANDARD OIL COMPANY (NEW JERSEY), New York City.  
STANDARD OIL COMPANY (OHIO), Cleveland, O.  
SUN OIL COMPANY, Philadelphia, Pa.  
SUPERIOR OIL COMPANY, Los Angeles, Cal.  
THE TEXAS COMPANY, New York City.  
TIDE WATER ASSOCIATED OIL COMPANY, New York City.  
UNION OIL COMPANY OF CALIFORNIA, Los Angeles, Cal.



*Printing and Publishing*

AMERICAN BANK NOTE COMPANY, New York City.  
AMERICAN EDUCATION PRESS, INC., Columbus, O.  
BILL BROTHERS PUBLISHING CORPORATION, New York City.  
BOOK MANUFACTURERS INSTITUTE, INC., New York City.  
BOOK-OF-THE-MONTH CLUB, INC., New York City.  
BOSCH (GEORGE) & COMPANY, INC., New York City.  
BOSTON GLOBE, Boston, Mass.  
BUTTERICK COMPANY, INC. (THE), New York City.  
CHICAGO JOURNAL OF COMMERCE, Chicago, Ill.  
CHILTON COMPANY, Philadelphia, Pa.  
CONDÉ NAST PUBLICATIONS, INC., New York City.  
CONKEY (W. B.) COMPANY, Hammond, Ind.  
CONOVER-MAST CORPORATION, New York City.  
CURTIS PUBLISHING COMPANY, Philadelphia, Pa.  
DE LA MARE (A. T.) COMPANY, INC., New York City.  
DONNELLEY (R. R.) & SONS COMPANY, Chicago, Ill.  
EUREKA SPECIALTY PRINTING COMPANY, Scranton, Pa.  
FELL (WM. F.) COMPANY, Philadelphia, Pa.  
FINANCIAL WORLD, New York City.  
FORBES LITHOGRAPH MFG. CO., Boston, Mass.  
GIBSON ART COMPANY, Cincinnati, O.  
HALL BROTHERS, INCORPORATED, Kansas City, Mo.  
HALL (W. F.) PRINTING COMPANY, Chicago, Ill.  
HOOVEN LETTERS, INC., New York City.  
JOURNAL COMPANY (THE), Milwaukee, Wis.  
LAWYERS CO-OPERATIVE PUBLISHING COMPANY, Rochester, N. Y.  
LOOK, INC., New York City.  
MACFADDEN PUBLICATIONS, INC., New York City.  
MACK PRINTING COMPANY, Easton, Pa.  
MCCALL CORPORATION, New York City.  
MCCLATCHY NEWSPAPERS, Sacramento, Cal.  
MCGRAW-HILL PUBLISHING COMPANY, INC., New York City.  
MEREDITH PUBLISHING COMPANY, Des Moines, Ia.  
MULTI-COLORTYPE COMPANY, Cincinnati, O.  
NATIONAL LAW PRESS, New York City.  
NEVINS-CHURCH PRESS, Bloomfield, N. J.  
NEW YORK NEWS, New York City.  
NEW YORKER (THE), New York City.  
NEWSWEEK, New York City.  
OKLAHOMA PUBLISHING COMPANY, Oklahoma City, Okla.  
PENTON PUBLISHING COMPANY, Cleveland, O.  
PHILADELPHIA RECORD, Philadelphia, Pa.



*Printing and Publishing (Continued)*

PROVIDENCE JOURNAL (THE) AND THE EVENING BULLETIN,  
Providence, R. I.  
READER'S DIGEST ASSOCIATION, INC., Pleasantville, N. Y.  
REYNOLDS & REYNOLDS COMPANY (THE), Dayton, O.  
SIMMONS-BOARDMAN PUBLISHING CORPORATION, New York City.  
STECHEER-TRAUNG LITHOGRAPH CORPORATION, Rochester, N. Y.  
STREET & SMITH PUBLICATIONS, INC., New York City.  
STROBRIDGE LITHOGRAPHING COMPANY, Cincinnati, O.  
TIME, INCORPORATED, New York City.  
UNITED AUTOGRAPHIC REGISTER COMPANY, Chicago, Ill.  
WEST PUBLISHING COMPANY, St. Paul, Minn.  
WESTERN PRINTING & LITHOGRAPHING Co., Poughkeepsie, N. Y.  
WILLIAMS PRESS, INC., Albany, N. Y.  
WISE (WM. H.) & Co., New York City.  
YORKE (THE THOMAS) PRESS INC., New York City.  
YOUNGSTOWN VINDICATOR, Youngstown, O.

*Rubber and Rubber Products*

AMERICAN HARD RUBBER COMPANY, New York City.  
ARMSTRONG RUBBER COMPANY, West Haven, Conn.  
BAKER (CHAS. H.), INC., Providence, R. I.  
BOWLING GREEN RUBBER COMPANY, Toledo, O.  
DAVOL RUBBER COMPANY, Providence, R. I.  
DAYTON RUBBER MANUFACTURING COMPANY, Dayton, O.  
FIRESTONE TIRE & RUBBER COMPANY, Akron, O.  
GATES RUBBER COMPANY, Denver, Colo.  
GENERAL TIRE & RUBBER COMPANY, Akron, O.  
GOODRICH (B. F.) COMPANY, Akron, O.  
GOODYEAR TIRE & RUBBER COMPANY, Akron, O.  
HEWITT RUBBER CORPORATION, Buffalo, N. Y.  
HOOD RUBBER COMPANY, A DIVISION OF THE B. F. GOODRICH  
COMPANY, Watertown, Mass.  
KLEINERT (I. B.) RUBBER COMPANY, College Point, N. Y.  
LEE RUBBER & TIRE CORPORATION, Conshohocken, Pa.  
MC CREARY TIRE & RUBBER COMPANY, Indiana, Pa.  
OHIO RUBBER COMPANY, Willoughby, O.  
O'SULLIVAN RUBBER Co. (THE), INC., Winchester, Va.  
PHARIS TIRE & RUBBER COMPANY (THE), Newark, O.  
PYRAMID RUBBER COMPANY (THE), Ravenna, O.  
SEIBERLING RUBBER COMPANY, Akron, O.  
SPONGE RUBBER PRODUCTS COMPANY (THE), Shelton, Conn.  
UNITED STATES RUBBER COMPANY, New York City.



### *Shipbuilding*

ALABAMA DRY DOCK AND SHIPBUILDING COMPANY, Mobile, Ala.  
AMERICAN SHIP BUILDING COMPANY (THE), Cleveland, O.  
BATH IRON WORKS CORPORATION, Bath, Me.  
CARGILL, INCORPORATED, Minneapolis, Minn.  
CONSOLIDATED SHIPBUILDING CORPORATION, Morris Heights, New York City.  
CRAMP SHIPBUILDING COMPANY, Philadelphia, Pa.  
ELECTRIC BOAT COMPANY, Groton, Conn.  
KAISER COMPANY, INC., Portland, Ore.  
KAISER (HENRY J.) COMPANY, Oakland, Cal.  
LEVINGSTON SHIPBUILDING COMPANY, Orange, Tex.  
NEWPORT NEWS SHIPBUILDING AND DRY DOCK COMPANY, Newport News, Va.  
SUBMARINE SIGNAL COMPANY, Boston, Mass.  
SUN SHIPBUILDING & DRY DOCK COMPANY, Chester, Pa.

### *Soap and Toilet Preparations*

COLGATE-PALMOLIVE-PEET COMPANY, Jersey City, N. J.  
FELS & COMPANY, Philadelphia, Pa.  
JERGENS (ANDREW) COMPANY, Cincinnati, O.  
LEHN & FINK PRODUCTS CORPORATION, New York City.  
LEVER BROTHERS COMPANY, Cambridge, Mass.  
MENNEN COMPANY, Newark, N. J.  
PROCTER & GAMBLE COMPANY, Cincinnati, O.  
WERK (M.) COMPANY, St. Bernard, O.  
WRISLEY (ALLEN B.) COMPANY, Chicago, Ill.

### *Textiles and Textile Products*

ABERFOYLE MANUFACTURING COMPANY, Chester, Pa.  
AMERICAN BLEACHED GOODS COMPANY, INC., New York City.  
AMERICAN ENKA CORPORATION, Enka, N. C.  
AMERICAN VISCOSE CORPORATION, Wilmington, Del.  
ANDALA COMPANY (THE), Andalusia, Ala.  
ANGELICA JACKET COMPANY, St. Louis, Mo.  
APPLETON WOOLEN MILLS, Appleton, Wis.  
APPONAUG COMPANY, Apponaug, R. I.  
ARLINGTON MILLS, Boston, Mass.  
ARTLOOM CORPORATION, Philadelphia, Pa.  
BALTIC MILLS COMPANY, Baltic, Conn.  
BARBIZON CORPORATION, New York City.  
BARRE WOOL COMBING COMPANY, LTD., Boston, Mass.



*Textiles and Textile Products (Continued)*

- BEMIS BRO. BAG COMPANY, St. Louis, Mo.  
BERGER BROTHERS COMPANY, INC., New Haven, Conn.  
BERKSHIRE FINE SPINNING ASSOCIATES, INC., Providence, R. I.  
BERKSHIRE KNITTING MILLS, Reading, Pa.  
BIBB MANUFACTURING COMPANY, Macon, Ga.  
BIGELOW-SANFORD CARPET COMPANY, INC., New York City.  
BLOOMSBURG MILLS, INC., Bloomsburg, Pa.  
BLUE BELL, INC., Greensboro, N. C.  
BLUMENTHAL (SIDNEY) & COMPANY, INC., New York City  
BOLLMAN (GEO. W.) & CO., Adamstown, Pa.  
BOOTT MILLS, Boston, Mass.  
BORDEN MILLS INC., New York City.  
BOTANY WORSTED MILLS, Passaic, N. J.  
BRADFORD DYEING ASSOCIATION (U.S.A.), Westerly, R. I.  
BROAD BROOK COMPANY, Broad Brook, Conn.  
BRUCK SILK MILLS, LTD., Montreal, Quebec, Canada.  
BURLINGTON MILLS CORPORATION, Greensboro, N. C.  
CALLAWAY MILLS, La Grange, Ga.  
CANTON COTTON MILLS, Canton, Ga.  
CARTER (THE WILLIAM) COMPANY, Needham Heights, Mass.  
CATLIN FARISH COMPANY, INC., New York City.  
CELANESE CORPORATION OF AMERICA, New York City.  
CHARIS CORPORATION, Allentown, Pa.  
CHASE BAG COMPANY, New York City.  
CHENEY BROTHERS, Manchester, Conn.  
CLUETT, PEABODY & COMPANY, INC., Troy, N. Y.  
COHEN GOLDMAN & COMPANY, INC., New York City.  
COLLINS & AIKMAN CORPORATION, New York City.  
COLUMBIAN ROPE COMPANY, Auburn, N. Y.  
COLUMBUS COATED FABRICS CORPORATION, Columbus, O.  
CONE EXPORT AND COMMISSION COMPANY, New York City.  
CONTINENTAL MILLS, INC., Philadelphia, Pa.  
CRAMERTON MILLS, INCORPORATED, Cramerton, N. C.  
CRANSTON PRINT WORKS, Cranston, R. I.  
CROMPTON COMPANY, West Warwick, R. I.  
DEERING MILLIKEN & COMPANY, INC., New York City.  
DELAWARE RAYON COMPANY, New Castle, Del.  
DICKEY (W. J.) & SONS, INC., Oella, Md.  
DOMMERICH (L. F.) & COMPANY, New York City.  
DRAYTON MILLS, Spartanburg, S. C.  
DUPLAN CORPORATION (THE), New York City.  
EAGLE KNITTING MILLS, INC., Milwaukee, Wis.



*Textiless and Textile Products (Continued)*

- EAVENSON & LEVERING Co., Camden, N. J.  
ERWIN COTTON MILLS COMPANY, Durham, N. C.  
HARDWICK & MAGEE COMPANY, Philadelphia, Pa.  
HART SCHAFFNER & MARX, Chicago, Ill.  
HAT CORPORATION OF AMERICA, New York City.  
HATHAWAY MANUFACTURING COMPANY, New Bedford, Mass.  
HAYWARD-SCHUSTER COMPANY, INC., New York City.  
HELLWIG DYEING CORPORATION (THE), Philadelphia, Pa.  
HIGHTSTOWN RUG COMPANY, Hightstown, N. J.  
HOOVEN & ALLISON COMPANY (THE), Xenia, Ohio.  
HUDSON WORSTED COMPANY, Hudson, Mass.  
HUYCK (F. C.) & SONS, Albany, N. Y.  
INDUSTRIAL RAYON CORPORATION, Cleveland, O.  
INDUSTRIAL TAPE CORPORATION, New Brunswick, N. J.  
INTERWOVEN STOCKING COMPANY, New Brunswick, N. J.  
JUDSON MILLS, Greenville, S. C.  
KARAGHEUSIAN (A. & M.) INC., New York City.  
KENDALL COMPANY, Boston, Mass.  
KUPPENHEIMER (B.) & COMPANY, INC., Chicago, Ill.  
LEES-COCHRANE COMPANY, INC., Glasgow, Va.  
LINEN THREAD COMPANY, INC., New York City.  
LORRAINE MANUFACTURING COMPANY, Pawtucket, R. I.  
LOUISVILLE TEXTILES, INCORPORATED, Louisville, Ky.  
LUDLOW MANUFACTURING & SALES COMPANY, Boston, Mass.  
MERRIMAC MILLS COMPANY, Methuen, Mass.  
MERRIMACK MANUFACTURING COMPANY, Boston, Mass.  
MT. VERNON-WOODBERRY MILLS, INC., Baltimore, Md.  
MUNSINGWEAR, INC., Minneapolis, Minn.  
NARROW FABRICS COMPANY, Reading, Pa.  
NASHUA MANUFACTURING COMPANY, Boston, Mass.  
NEISLER MILLS, INC., Kings Mountain, N. C.  
NEW BEDFORD RAYON COMPANY, New Bedford, Mass.  
NEW ENGLAND TAPE COMPANY, INC., Hudson, Mass.  
NEWMARKET MANUFACTURING COMPANY, Lowell, Mass.  
NOMEND HOSIERY, INC., Philadelphia, Pa.  
NORTH STAR WOOLEN MILL COMPANY, Minneapolis, Minn.  
NORWICH KNITTING COMPANY, Norwich, N. Y.  
PACIFIC MILLS, New York City.  
PARKER, WILDER & COMPANY, New York City.  
PATCHOGUE-PLYMOUTH MILLS CORPORATION, New York City.  
PEORIA CORDAGE COMPANY, Peoria, Ill.  
PEPPERELL MANUFACTURING COMPANY, Boston, Mass.



*Textiles and Textile Products (Continued)*

PLYMOUTH CORDAGE COMPANY, North Plymouth, Mass.  
PONEMAH MILLS, Taftville, Conn.  
PRISCILLA BRAID COMPANY, Central Falls, R. I.  
REVOLUTION COTTON MILLS, Greensboro, N. C.  
RICHMAN BROTHERS COMPANY, Cleveland, O.  
RICHMOND HOSIERY MILLS, Rossville, Ga.  
RIVERSIDE & DAN RIVER COTTON MILLS, INC., Danville, Va.  
ROXBORO COTTON MILLS, Roxboro, N. C.  
SAMSON CORDAGE WORKS, Boston, Mass.  
SAYLES FINISHING PLANTS, INC., Saylesville, R. I.  
SCHOENEMAN (J.), INCORPORATED, Baltimore, Md.  
SHULER & BENNINGHOFFEN, Hamilton, O.  
SLATER (S.) & SONS, INC., Greensboro, N. C.  
SMITH (ALEXANDER) & SONS CARPET COMPANY, Yonkers, N. Y.  
SPARTAN MILLS, Spartanburg, S. C.  
SPOOL COTTON COMPANY, New York City.  
STETSON (JOHN B.) COMPANY, Philadelphia, Pa.  
STIFEL (J. L.) & SONS, INC., Wheeling, W. Va.  
STILLWATER WORSTED MILLS, Harrisville, R. I.  
SUSQUEHANNA MILLS, INC., New York City.  
TEXTILEATHER CORPORATION, Toledo, O.  
TEXTILES-INCORPORATED, Gastonia, N. C.  
TUBIZE RAYON CORPORATION, New York City.  
UNITED MERCHANTS & MANUFACTURERS MANAGEMENT CORPORATION, New York City.  
UTICA AND MOHAWK COTTON MILLS, INC., Utica, N. Y.  
UTICA KNITTING COMPANY, Utica, N. Y.  
VANITY FAIR MILLS, INC., Reading, Pa.  
VASSAR COMPANY, Chicago, Ill.  
WAMSUTTA MILLS, New Bedford, Mass.  
WARNER BROTHERS COMPANY (THE), Bridgeport, Conn.  
WELLINGTON SEARS COMPANY, INC., New York City.  
WESTERN FELT WORKS, Chicago, Ill.  
WOODWARD, BALDWIN & COMPANY, New York City.  
YORK KNITTING MILLS, LIMITED, Toronto, Canada.

*Tobacco*

BAYUK CIGARS, INC., Philadelphia, Pa.  
BLOCH BROTHERS TOBACCO CO. (THE), Wheeling, W. Va.  
HELME (GEORGE W.) COMPANY, INC., New York City.  
LARUS & BROTHER COMPANY, INC., Richmond, Va.



*Tobacco (Continued)*

MORRIS (PHILIP) & COMPANY, LTD., INC., New York City.  
PEPER (CHRISTIAN) TOBACCO COMPANY, St. Louis, Mo.  
REYNOLDS (R. J.) TOBACCO COMPANY, Winston-Salem, N. C.  
STEPHANO BROS., Philadelphia, Pa.  
UNITED STATES TOBACCO COMPANY, New York City.

*Unclassified—Industrial*

AMERICAN HAIR & FELT COMPANY, Chicago, Ill.  
AMERICAN HOME PRODUCTS CORPORATION, Jersey City, N. J.  
AMERICAN-LAFRANCE-FOAMITE CORPORATION, Elmira, N. Y.  
AMERICAN OPTICAL COMPANY, Southbridge, Mass.  
AMERICAN RADIATOR & STANDARD SANITARY CORPORATION, New York City.  
AMERICAN SEATING COMPANY, Grand Rapids, Mich.  
AMERICAN STERILIZER COMPANY, Erie, Pa.  
ARMSTRONG CORK COMPANY, Lancaster, Pa.  
ATHEY TRUSS WHEEL Co., Chicago, Ill.  
AUBURN BUTTON WORKS, INC., Auburn, N. Y.  
BAKER-RAULANG COMPANY (THE), Cleveland, O.  
BALDWIN COMPANY, Cincinnati, O.  
BASIC REFRACTORIES, INCORPORATED, Cleveland, O.  
BATES MANUFACTURING COMPANY, Orange, N. J.  
BAUSCH & LOMB OPTICAL COMPANY, Rochester, N. Y.  
BEACON MILLING COMPANY, INC., Cayuga, N. Y.  
BEHR-MANNING CORPORATION, Troy, N. Y.  
BELDEN BRICK COMPANY, Canton, O.  
BENRUS WATCH COMPANY, Waterbury, Conn.  
BOND CROWN & CORK Co., Wilmington, Del.  
BOND MANUFACTURING CORPORATION, INC., Wilmington, Del.  
BRENNEMAN COMPANY (THE CHARLES W.), Cincinnati, O.  
BRUNSWICK-BALKE-COLLENDER COMPANY, Muskegon, Mich.  
CALIFORNIA BARREL COMPANY, LTD., San Francisco, Cal.  
CALIFORNIA COTTON OIL CORPORATION, Los Angeles, Cal.  
CARBORUNDUM COMPANY, Niagara Falls, N. Y.  
CARTHAGE MILLS, INCORPORATED, Cincinnati, O.  
CERTAIN-TEED PRODUCTS CORPORATION, PANTEX ORDNANCE PLANT, Amarillo, Tex.  
CHICAGO METAL HOSE CORPORATION, Maywood, Ill.  
CINCINNATI COFFIN COMPANY (THE), Cincinnati, O.  
CINCINNATI INDUSTRIES, INC., Lockland, O.



*Unclassified—Industrial (Continued)*

COLT'S PATENT FIRE ARMS MANUFACTURING COMPANY, Hartford, Conn.

CONGOLEUM-NAIRN INC., Kearny, N. J.

CONN (C. G.), LTD., Elkhart, Ind.

CRONAME, INC., Chicago, Ill.

DEFENDER PHOTO SUPPLY COMPANY, INC., Rochester, N. Y.

DE VILBISS COMPANY, Toledo, O.

DEXTER FOLDER COMPANY, Pearl River, N. Y.

DIAMOND MATCH COMPANY, New York City.

DIEGES & CLUST, New York City.

DIXON (JOSEPH) CRUCIBLE COMPANY, Jersey City, N. J.

DOBECKMUN COMPANY (THE), Cleveland, O.

EAGLE PENCIL COMPANY, INC., New York City.

EASTMAN KODAK COMPANY, Rochester, N. Y.

ELGIN NATIONAL WATCH COMPANY, Elgin, Ill.

ENSIGN-BICKFORD COMPANY, Simsbury, Conn.

ESTERBROOK STEEL PEN MANUFACTURING COMPANY (THE), Camden, N. J.

EVERSHARP, INC., Chicago, Ill.

FABER (EBERHARD) PENCIL COMPANY, Brooklyn, N. Y.

FARRINGTON MANUFACTURING COMPANY, Boston, Mass.

FLUOR CORPORATION (THE), LTD., Los Angeles, Cal.

FOLEY BROTHERS, INC., Pleasantville, N. Y.

FORMICA INSULATION COMPANY, Cincinnati, O.

FULLER BRUSH COMPANY, Hartford, Conn.

FYR-FYTER COMPANY, Dayton, O.

GAMEWELL COMPANY, Newton Upper Falls, Mass.

GARLOCK PACKING COMPANY, Palmyra, N. Y.

GENERAL ABRASIVE COMPANY, INC., Niagara Falls, N. Y.

GENERAL TIME INSTRUMENTS CORPORATION, New York City.

GORHAM MANUFACTURING COMPANY, Providence, R. I.

GRACE (W. R.) & COMPANY, New York City.

GREAT LAKES CARBON CORPORATION, New York City.

GRINNELL CORPORATION, Providence, R. I.

GRUEN WATCH COMPANY (THE), Cincinnati, O.

HALL CHINA COMPANY, East Liverpool, O.

HAMILTON MANUFACTURING COMPANY, Two Rivers, Wis.

HARBISON-WALKER REFRACTORIES COMPANY, Pittsburgh, Pa.

HIGGINS INK COMPANY, INC., Brooklyn, N. Y.

IDEAL NOVELTY & TOY COMPANY, Long Island City, N. Y.

INTERNATIONAL MUTOSCOPE CORPORATION, Long Island City, N. Y.

IRVINGTON VARNISH & INSULATOR COMPANY, Irvington, N. J.



*Unclassified—Industrial (Continued)*

- JAMESTOWN INDUSTRIES, Jamestown, N. Y.  
JOHNSON & JOHNSON, New Brunswick, N. J.  
KEWAUNEE MANUFACTURING COMPANY, Adrian, Mich.  
KIDDE (WALTER) & COMPANY, INC., Belleville, N. J.  
KIRSCH COMPANY, Sturgis, Mich.  
KOPPERS COMPANY, Pittsburgh, Pa.  
LACLEDE-CHRISTY CLAY PRODUCTS Co., St. Louis, Mo.  
LAKE SHORE MINES LIMITED, Kirkland Lake, Ontario, Canada.  
LOS ANGELES PERIOD FURNITURE Co., Los Angeles, Cal.  
LYON-RAYMOND CORPORATION, Greene, N. Y.  
MACANDREWS & FORBES COMPANY, Camden, N. J.  
MARSH FURNITURE COMPANY, High Point, N. C.  
MATTHEWS (H. A.) MANUFACTURING COMPANY, Seymour, Conn.  
MENGEL COMPANY (THE), Louisville, Ky.  
MINE SAFETY APPLIANCES COMPANY, Pittsburgh, Pa.  
MOTOR PATTERNS COMPANY (THE), Cleveland, O.  
NATIONAL BRUSH COMPANY, Aurora, Ill.  
NATIONAL CASKET COMPANY, INC., Boston, Mass.  
NEW HAVEN CLOCK COMPANY, New Haven, Conn.  
ORTHO PRODUCTS COMPANY, Linden, N. J.  
OVAL WOOD DISH CORPORATION, Tupper Lake, N. Y.  
OX FIBRE BRUSH COMPANY, INC., New York City.  
PARAMOUNT PICTURES, INC., New York City.  
PARKER PEN COMPANY, Janesville, Wis.  
PATENT BUTTON COMPANY, Waterbury, Conn.  
PLASKON DIVISION, LIBBEY-OWENS-FORD GLASS COMPANY,  
Toledo, O.  
POLAROID CORPORATION, Cambridge, Mass.  
PRECISION GRINDING WHEEL COMPANY, INC., Philadelphia, Pa.  
PYRENE MANUFACTURING COMPANY, Newark, N. J.  
RAYBESTOS-MANHATTAN, INC., Passaic, N. J.  
REED & BARTON CORPORATION, Taunton, Mass.  
REISS-PREMIER CORPORATION (THE), West New York, N. J.  
RITTER COMPANY, INC., Rochester, N. Y.  
ROGERS CORPORATION, Manchester, Conn.  
SALES AFFILIATES, INC., New York City.  
SCOTT (O. M.) SONS COMPANY, Marysville, O.  
SHAKESPEARE COMPANY, Kalamazoo, Mich.  
SHURON OPTICAL COMPANY, INC., Geneva, N. Y.  
SLOANE (W. & J.), New York City.  
SONOTONE CORPORATION, Elmsford, N. Y.  
SPALDING (A. G.) & BROS., INC., Chicopee, Mass.



*Unclassified—Industrial (Continued)*

- SPAULDING FIBRE COMPANY, INC., Tonawanda, N. Y.  
SPENCER LENS COMPANY, Buffalo, N. Y.  
STANDARD FURNITURE COMPANY, Herkimer, N. Y.  
STAR BRUSH MANUFACTURING CO., INC., Boston, Mass.  
STEINWAY & SONS, New York City.  
TECH ART PLASTICS COMPANY, Long Island City, N. Y.  
THOMASVILLE CHAIR COMPANY, Thomasville, N. C.  
UNION HARDWARE COMPANY, Torrington, Conn.  
UNITED STATES TIME CORPORATION (THE), Waterbury, Conn.  
UNIVERSAL COOLER COMPANY OF CANADA, LIMITED, Brantford,  
Ontario, Canada.  
UNIVERSAL COOLER CORPORATION, Marion, O.  
UNIVERSAL PICTURES COMPANY, INC., New York City.  
VAN CLEEF BROS., Chicago, Ill.  
VERPLEX COMPANY (THE), Essex, Conn.  
VOLKER (WILLIAM) & COMPANY, INC., Kansas City, Mo.  
WALLACE (R.) & SONS MANUFACTURING COMPANY, Wallingford,  
Conn.  
WARNER BROS. PICTURES, INC., New York City.  
WEYERHAEUSER SALES COMPANY, Tacoma, Wash.  
WHITE (S.S.) DENTAL MANUFACTURING COMPANY, Philadelphia, Pa.  
WRIGLEY (WM.) JR. COMPANY, Chicago, Ill.  
WROUGHT WASHER MANUFACTURING COMPANY, Milwaukee, Wis.  
WURLITZER (RUDOLPH) COMPANY, Chicago, Ill.



## NONINDUSTRIAL ASSOCIATES

### *Accountants, Consultants, Engineers*

AMERICAN APPRAISAL COMPANY, Milwaukee, Wis.  
ANDERSEN (ARTHUR) & COMPANY, Chicago, Ill.  
ANDERSEN (ARTHUR) & COMPANY, New York City.  
APPEL AND BRACH, New York City.  
ARMSTRONG (GEORGE S.) & CO., INC., New York City.  
BARROW, WADE, GUTHRIE & CO., New York City.  
BERDON (DAVID) & CO., New York City.  
BYOIR (CARL) & ASSOCIATES, INC., New York City.  
BYRNES & BAKER, New York City.  
COVERDALE & COLPITTS, New York City.  
DAY & ZIMMERMANN, INC., New York City.  
DONNELLY (THOMAS B.), Boston, Mass.  
DORFMAN (GEORGE J.) & COMPANY, Gloversville, N. Y.  
DORR COMPANY, INC., New York City.  
EBASCO SERVICES INCORPORATED, New York City.  
EISNER & LUBIN, New York City.  
ERNST & ERNST, Cleveland, O.  
FORD, BACON & DAVIS, INC., New York City.  
GEYELIN, MORSE & FREY, Philadelphia, Pa.  
HELLER (ROBERT) & ASSOCIATES, INCORPORATED, Cleveland, O.  
HOLLOWAY & COMPANY, Buffalo, N. Y.  
HUDSON ENGINEERING CORPORATION, Houston, Tex.  
INDUSTRIAL RELATIONS COUNSELORS, INC., New York City.  
JACOBS (DAVID B.) & COMPANY, New York City.  
JAY (HARRY M.) AND ASSOCIATES, Memphis, Tenn.  
LASSER (J. K.) & COMPANY, New York City.  
LEE (IVY) & ROSS (T. J.), New York City.  
LEIDESDORF (S. D.) & COMPANY, New York City.  
LEVIN (DAVID) COMPANY, Philadelphia, Pa.  
LOOMIS, SUFFERN & FERNALD, New York City.  
LYBRAND, ROSS BROS. & MONTGOMERY, New York City.  
MACDONALD BROS. INC., Boston, Mass.  
MAIN (CHAS. T.), INC., Boston, Mass.  
MANNING (J. H.) & COMPANY, New York City.  
MCKINSEY & COMPANY, New York City.  
MILLER, DONALDSON AND COMPANY, New York City.  
MOUNTEER (H. G.) & COMPANY, Detroit, Mich.  
NEWSOM (EARL) & COMPANY, New York City.  
NICHOLS ENGINEERING & RESEARCH CORPORATION, New York City.



*Accountants, Consultants, Engineers (Continued)*

PEISCH, ANGELL & COMPANY, Norwich, Vt.  
PENSION PLANNING COMPANY, New York City.  
PORTER (ROBERT WRAY) ORGANIZATION, New York City.  
PRICE, WATERHOUSE & COMPANY, New York City.  
RATH & STRONG, INC., Boston, Mass.  
RAUSCH (C. G.), Akron, O.  
REALTY ADVISORY BOARD ON LABOR RELATIONS, INC., New York City.  
ROGERS & SLADE, New York City.  
SCOVELL, WELLINGTON & COMPANY, New York City.  
SEIDMAN & SEIDMAN, New York City.  
STEVENSON, JORDAN & HARRISON, INC., New York City.  
SURVEYER (ARTHUR) & COMPANY, Montreal, Canada.  
TOUCHE, NIVEN & Co., New York City.  
TOWERS, PERRIN, FORSTER & CROSBY, INC., Philadelphia, Pa.  
WEST, FLINT & COMPANY, New York City.  
WIDEMAN, MADDEN & COMPANY, New York City.  
WILLETT COMPANY (THE), Chicago, Ill.

*Advertising*

BENTON & BOWLES, INC., New York City.  
CAMPBELL-EWALD COMPANY, INC., New York City.  
FOOTE, CONE & BELDING, New York City.  
GEYER, CORNELL & NEWELL, INC., New York City.  
KUDNER (ARTHUR), INC., New York City.  
MARTIN (WILLIS S.) COMPANY, Fort Wayne, Ind.  
McCANN-ERICKSON INC., New York City.  
PARRISH (AMOS) & COMPANY, INC., New York City.  
YOUNG & RUBICAM, INC., New York City.

*Banks and Trust Companies*

AMERICAN TRUST COMPANY, San Francisco, Cal.  
BANK OF AMERICA NATIONAL TRUST AND SAVINGS ASSOCIATION,  
San Francisco, Cal.  
BANK OF MONTREAL, Montreal, Quebec, Canada.  
BANK OF NEW YORK, New York City.  
BANK OF THE MANHATTAN COMPANY, New York City.  
BANKERS TRUST COMPANY, New York City.  
BLOOMFIELD BANK & TRUST COMPANY, Bloomfield, N. J.  
BROOKLYN TRUST COMPANY, Brooklyn, N. Y.  
BROWN BROTHERS HARRIMAN & COMPANY, New York City.



*Banks and Trust Companies (Continued)*

- CENTRAL HANOVER BANK AND TRUST COMPANY, New York City.  
CENTRAL NATIONAL BANK OF CLEVELAND, Cleveland, O.  
CENTRAL TRUST COMPANY, Cincinnati, O.  
CHASE NATIONAL BANK, New York City.  
CHEMICAL BANK & TRUST COMPANY, New York City.  
CHICAGO TITLE & TRUST COMPANY, Chicago, Ill.  
CITY NATIONAL BANK AND TRUST COMPANY, Chicago, Ill.  
CLEVELAND TRUST COMPANY, Cleveland, O.  
COMMERCIAL NATIONAL BANK AND TRUST COMPANY OF NEW YORK  
(THE), New York City.  
CONTINENTAL ILLINOIS NATIONAL BANK AND TRUST COMPANY OF  
CHICAGO, Chicago, Ill.  
CORN EXCHANGE NATIONAL BANK AND TRUST COMPANY, Phila-  
delphia, Pa.  
DIME SAVINGS BANK OF BROOKLYN, Brooklyn, N. Y.  
DURFEE (B. M. C.) TRUST COMPANY, Fall River, Mass.  
EMPIRE TRUST COMPANY, New York City.  
FARMERS DEPOSIT NATIONAL BANK, Pittsburgh, Pa.  
FARMERS AND MERCHANTS NATIONAL BANK OF LOS ANGELES, Los  
Angeles, Cal.  
FEDERAL RESERVE BANK OF ATLANTA, Atlanta, Ga.  
FEDERAL RESERVE BANK OF BOSTON, Boston, Mass.  
FEDERAL RESERVE BANK OF CHICAGO, Chicago, Ill.  
FEDERAL RESERVE BANK OF CLEVELAND, Cleveland, O.  
FEDERAL RESERVE BANK OF DALLAS, Dallas, Tex.  
FEDERAL RESERVE BANK OF KANSAS CITY, Kansas City, Mo.  
FEDERAL RESERVE BANK OF NEW YORK, New York City.  
FEDERAL RESERVE BANK OF PHILADELPHIA (THE), Philadelphia,  
Pa.  
FEDERAL RESERVE BANK OF RICHMOND, Richmond, Va.  
FEDERAL RESERVE BANK OF ST. LOUIS, St. Louis, Mo.  
FIDELITY UNION TRUST COMPANY, Newark, N. J.  
FIDUCIARY TRUST COMPANY, New York City.  
FIFTH AVENUE BANK OF NEW YORK, New York City.  
FIFTH THIRD UNION TRUST COMPANY, Cincinnati, O.  
FIRST NATIONAL BANK & TRUST CO. (THE), Hamilton, O.  
FIRST NATIONAL BANK IN ST. LOUIS, St. Louis, Mo.  
FIRST NATIONAL BANK OF BOSTON, Boston, Mass.  
FIRST NATIONAL BANK OF CHICAGO, Chicago, Ill.  
FIRST NATIONAL BANK OF HARTFORD, Hartford, Conn.  
FIRST NATIONAL BANK OF THE CITY OF NEW YORK, New York City.  
FIRST TRUST & DEPOSIT COMPANY, Syracuse, N. Y.  
FIRST WISCONSIN NATIONAL BANK, Milwaukee, Wis.



*Banks and Trust Companies (Continued)*

- GIRARD TRUST COMPANY, Philadelphia, Pa.  
GUARANTY TRUST COMPANY OF NEW YORK, New York City.  
HARRIS TRUST AND SAVINGS BANK, Chicago, Ill.  
HARTFORD-CONNECTICUT TRUST COMPANY, Hartford, Conn.  
HARTFORD NATIONAL BANK AND TRUST COMPANY, Hartford, Conn.  
IRVING TRUST COMPANY, New York City.  
LAIDLAW & Co., New York City.  
LAND TITLE BANK AND TRUST COMPANY, Philadelphia, Pa.  
LIBERTY NATIONAL BANK AND TRUST COMPANY OF LOUISVILLE,  
Louisville, Ky.  
LINCOLN-ALLIANCE BANK AND TRUST COMPANY, Rochester, N. Y.  
LINCOLN NATIONAL BANK AND TRUST COMPANY, Fort Wayne, Ind.  
MANUFACTURERS NATIONAL BANK OF DETROIT, Detroit, Mich.  
MANUFACTURERS TRUST COMPANY, New York City.  
MARINE MIDLAND TRUST COMPANY OF NEW YORK, New York City.  
MARINE NATIONAL EXCHANGE BANK OF MILWAUKEE, Milwaukee,  
Wis.  
MARSHALL & ILSLEY BANK, Milwaukee, Wis.  
MERCHANTS NATIONAL BANK OF BOSTON, Boston, Mass.  
MORGAN (J. P.) & COMPANY, INC., New York City.  
NATIONAL BANK OF DETROIT, Detroit, Mich.  
NATIONAL CITY BANK OF CLEVELAND, Cleveland, O.  
NATIONAL CITY BANK OF NEW YORK, New York City.  
NATIONAL SHAWMUT BANK OF BOSTON (THE), Boston, Mass.  
NEW YORK TRUST COMPANY, New York City.  
NORTHERN TRUST COMPANY, Chicago, Ill.  
NORTHWEST BANCORPORATION, Minneapolis, Minn.  
PENNSYLVANIA COMPANY FOR INSURANCES ON LIVES AND GRANT-  
ING ANNUITIES, Philadelphia, Pa.  
PHILADELPHIA NATIONAL BANK, Philadelphia, Pa.  
PROVIDENT TRUST COMPANY OF PHILADELPHIA, Philadelphia, Pa.  
RIGGS NATIONAL BANK, Washington, D. C.  
SAFE DEPOSIT & TRUST COMPANY OF BALTIMORE, Baltimore, Md.  
SAN FRANCISCO BANK (THE), San Francisco, Cal.  
SECURITY-FIRST NATIONAL BANK OF LOS ANGELES, Los Angeles,  
Cal.  
SECURITY NATIONAL BANK, Sheboygan, Wis.  
SOCIETY FOR SAVINGS IN THE CITY OF CLEVELAND, Cleveland, O.  
TROY SAVINGS BANK, Troy, N. Y.  
UNION BANK OF COMMERCE, Cleveland, O.  
UNION & NEW HAVEN TRUST COMPANY, New Haven, Conn.  
UNION NATIONAL BANK, Youngstown, O.  
UNION TRUST COMPANY OF PITTSBURGH, Pittsburgh, Pa.



*Banks and Trust Companies (Continued)*

UNITED STATES TRUST COMPANY OF NEW YORK, New York City.  
WELLS FARGO BANK & UNION TRUST COMPANY, San Francisco, Cal.  
WHITNEY NATIONAL BANK OF NEW ORLEANS, New Orleans, La.  
WORCESTER COUNTY INSTITUTION FOR SAVINGS, Worcester, Mass.  
WORCESTER COUNTY TRUST COMPANY, Worcester, Mass.

*Communications and Broadcasting*

AMERICAN TELEPHONE AND TELEGRAPH COMPANY, New York City.  
BLUE NETWORK COMPANY, INC., New York City.  
COLUMBIA BROADCASTING SYSTEM, INC., New York City.  
COMMONWEALTH TELEPHONE CORPORATION, North Manchester, Ind.  
GENERAL TELEPHONE SERVICE CORPORATION, New York City.  
MUTUAL BROADCASTING SYSTEM, INC., New York City.  
MUTUAL TELEPHONE COMPANY, Honolulu, T. H.  
PRESS WIRELESS, INC., New York City.  
ROCHESTER TELEPHONE CORPORATION, Rochester, N. Y.  
W O R, New York City.  
WESTERN UNION TELEGRAPH COMPANY, New York City.

*Finance Companies, Investment Councillors, Investment  
Trusts and Stock Exchange Houses*

ADAMS EXPRESS COMPANY, New York City.  
ATLAS CORPORATION, New York City.  
AXE (E. W.) & Co., INC., Tarrytown, N. Y.  
BAKER, WEEKS & HARDEN, New York City.  
BARRETT ASSOCIATES INC., New York City.  
BARTRAM BROTHERS CORPORATION, New York City.  
BRUNDAGE, STORY AND ROSE, New York City.  
BULLOCK (CALVIN), New York City.  
CHILDS (C. F.) AND COMPANY, Chicago, Ill.  
CITIZENS BUDGET COMPANY OF YOUNGSTOWN, OHIO, INC., Youngs-  
town, O.  
COMMERCIAL CREDIT COMPANY, Baltimore, Md.  
COMMERCIAL INVESTMENT TRUST CORPORATION, New York City.  
DELAFIELD & DELAFIELD, New York City.  
DICK & MERLE-SMITH, New York City.  
EDIE (LIONEL D.) & COMPANY, INC., New York City.  
ERL CORPORATION, Jersey City, N. J.  
GOLDMAN, SACHS & COMPANY, New York City.  
HOUSEHOLD FINANCE CORPORATION, Chicago, Ill.



***Finance Companies, Investment Councillors, Investment  
Trusts and Stock Exchange Houses (Continued)***

INVESTORS MANAGEMENT COMPANY, INC., New York City.  
KIDDER, PEABODY & COMPANY, New York City.  
LAIRD, BISSELL & MEEDS, New York City.  
LANGMUIR (DEAN), New York City.  
LEHMAN CORPORATION (THE), New York City.  
LOEB (CARL M.), RHOADES & COMPANY, New York City.  
LOOMIS, SAYLES & COMPANY, INC., Boston, Mass.  
MANAGEMENT PLANNING, INC., New York City.  
McLAUGHLIN BAIRD & REUSS, New York City.  
MELLON SECURITIES CORPORATION, Pittsburgh, Pa.  
MERRILL LYNCH, PIERCE, FENNER & BEANE, New York City.  
NEW YORK STOCK EXCHANGE, New York City.  
PRICE (T. ROWE) JR., AND ASSOCIATES, Baltimore, Md.  
REYNOLDS & COMPANY, New York City.  
ROTHSCHILD (L. F.) & COMPANY, New York City.  
RUSSELL, BERG & COMPANY, Boston, Mass.  
SCRANTON (CHARLES W.) & COMPANY, New Haven, Conn.  
SCUDDER, STEVENS & CLARK, Boston, Mass.  
SELIGMAN (J. & W.) & COMPANY, New York City.  
SHEARSON, HAMMILL & COMPANY, New York City.  
SMITH, BARNEY & COMPANY, New York City.  
TARSCO CORPORATION, Providence, R. I.  
VAN CLEEF, JORDAN AND WOOD, New York City.  
WELLINGTON & COMPANY, New York City.  
WENZLICK (ROY) & Co., St. Louis, Mo.  
WOOD, GUNDY & Co., INC., New York City.  
WOOD, STRUTHERS & COMPANY, New York City.

***Insurance***

ACACIA MUTUAL LIFE INSURANCE COMPANY, Washington, D. C.  
AETNA LIFE INSURANCE COMPANY, Hartford, Conn.  
AGRICULTURAL INSURANCE COMPANY, Watertown, N. Y.  
AMERICAN MUTUAL LIABILITY INSURANCE COMPANY, Boston,  
Mass.  
BANKERS LIFE COMPANY, Des Moines, Ia.  
CONNECTICUT GENERAL LIFE INSURANCE COMPANY, Hartford,  
Conn.  
CONNECTICUT MUTUAL LIFE INSURANCE COMPANY (THE), Hart-  
ford, Conn.  
CONTINENTAL INSURANCE COMPANY, New York City.  
EMPLOYERS MUTUAL LIABILITY INSURANCE COMPANY, Wausau, Wis.



*Insurance (Continued)*

- EQUITABLE LIFE ASSURANCE SOCIETY OF THE UNITED STATES, New York City.
- EQUITABLE LIFE INSURANCE COMPANY OF IOWA, Des Moines, Ia.
- GENERAL ACCIDENT FIRE & LIFE ASSURANCE CORPORATION, LTD., Philadelphia, Pa.
- GENERAL AMERICAN LIFE INSURANCE COMPANY, St. Louis, Mo.
- GLENS FALLS INSURANCE COMPANY, Glens Falls, N. Y.
- GREAT AMERICAN INSURANCE COMPANY, New York City.
- GUARDIAN LIFE INSURANCE COMPANY OF AMERICA (THE), New York City.
- HANCOCK (JOHN) MUTUAL LIFE INSURANCE COMPANY, Boston, Mass.
- HOME INSURANCE COMPANY, New York City.
- INSURANCE COMPANY OF NORTH AMERICA, Philadelphia, Pa.
- LIBERTY MUTUAL INSURANCE COMPANY, Boston, Mass.
- LINCOLN NATIONAL LIFE INSURANCE COMPANY, Fort Wayne, Ind.
- LUMBERMENS MUTUAL CASUALTY COMPANY, Chicago, Ill.
- MANUFACTURERS MUTUAL FIRE INSURANCE COMPANY, Providence, R. I.
- MARSH & McLENNAN, INC., New York City.
- MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY, Springfield, Mass.
- METROPOLITAN LIFE INSURANCE COMPANY, New York City.
- MINNESOTA MUTUAL LIFE INSURANCE COMPANY, St. Paul, Minn.
- MUTUAL BENEFIT LIFE INSURANCE COMPANY (THE), Newark, N. J.
- MUTUAL LIFE INSURANCE COMPANY OF NEW YORK, New York City.
- NATIONAL FIRE INSURANCE COMPANY OF HARTFORD, Hartford, Conn.
- NATIONAL LIFE INSURANCE COMPANY, Montpelier, Vt.
- NEW ENGLAND MUTUAL LIFE INSURANCE COMPANY, Boston, Mass.
- NEW YORK LIFE INSURANCE COMPANY, New York City.
- NORTH CAROLINA MUTUAL LIFE INSURANCE COMPANY, Durham, N. C.
- NORTHWESTERN MUTUAL LIFE INSURANCE COMPANY, Milwaukee, Wis.
- OHIO NATIONAL LIFE INSURANCE COMPANY, Cincinnati, O.
- PENN MUTUAL LIFE INSURANCE COMPANY, Philadelphia, Pa.
- PHOENIX INSURANCE COMPANY, Hartford, Conn.
- PHOENIX MUTUAL LIFE INSURANCE COMPANY, Hartford, Conn.
- PREFERRED ACCIDENT INSURANCE COMPANY OF NEW YORK, New York City.
- PROVIDENT MUTUAL LIFE INSURANCE COMPANY, Philadelphia, Pa.
- PRUDENTIAL INSURANCE COMPANY OF AMERICA, (THE), Newark, N. J.



*Insurance (Continued)*

ROYAL-LIVERPOOL GROUPS, New York City.  
SECURITY INSURANCE COMPANY OF NEW HAVEN, New Haven, Conn.  
STANDARD ACCIDENT INSURANCE COMPANY, Detroit, Mich.  
ST. PAUL FIRE AND MARINE INSURANCE COMPANY, St. Paul, Minn.  
STATE FARM MUTUAL AUTOMOBILE INSURANCE COMPANY, Bloomington, Ill.  
STATE MUTUAL LIFE ASSURANCE COMPANY, Worcester, Mass.  
TRAVELERS INSURANCE COMPANY, Hartford, Conn.  
UNITED STATES FIDELITY & GUARANTY COMPANY, Baltimore, Md.

*Lawyers*

CAHILL, GORDON, ZACHRY & REINDEL, New York City.  
FLETCHER & BROWN, New York City.  
GARDNER, CARTON & DOUGLAS, Chicago, Ill.  
GOLDWATER & FLYNN, New York City.  
LEVINSON BECKER PEEBLES & SWIREN, Chicago, Ill.  
LITTLER, COAKLEY & LAURITZEN, San Francisco, Cal.  
MAGUIRE WALKER & MIDDLETON, Stamford, Conn.  
MCKEEHAN, MERRICK, ARTER & STEWART AND GEORGE WILLIAM COTTRELL, Cleveland, O.  
MCLANAHAN, MERRITT AND INGRAHAM, New York City.  
MILBANK, TWEED & HOPE, New York City.  
NUTTER, MCCLENNEN & FISH, Boston, Mass.  
PODELL (DAVID L.), New York City.  
PROSKAUER ROSE GOETZ & MENDELSON, New York City.  
SIMONS & GREELEY, New York City.  
SUGARMAN & SCHNEIDER, Boston, Mass.  
WINSTON STRAWN & SHAW, Chicago, Ill.

*Public Utilities*

ALABAMA POWER COMPANY, Birmingham, Ala.  
AMERICAN GAS AND ELECTRIC SERVICE CORPORATION, New York City.  
ARKANSAS LOUISIANA GAS COMPANY, Shreveport, La.  
ATLANTIC SEABOARD CORPORATION, Charleston, W. Va.  
BOSTON EDISON COMPANY, Boston, Mass.  
BROOKLYN BOROUGH GAS COMPANY, Brooklyn, N. Y.  
BROOKLYN EDISON COMPANY, INC., Brooklyn, N. Y.  
BROOKLYN UNION GAS COMPANY, Brooklyn, N. Y.  
BUCKEYE LIGHT & POWER COMPANY, Greenville, O.  
CENTRAL HUDSON GAS & ELECTRIC CORPORATION, Poughkeepsie, N. Y.



*Public Utilities (Continued)*

- CENTRAL POWER AND LIGHT COMPANY, Corpus Christi, Tex.  
CLEVELAND ELECTRIC ILLUMINATING COMPANY, Cleveland, O.  
COLUMBIA GAS & ELECTRIC CORPORATION, New York City.  
COLUMBUS AND SOUTHERN OHIO ELECTRIC COMPANY, Columbus, O.  
COMMONWEALTH EDISON COMPANY, Chicago, Ill.  
COMMONWEALTH & SOUTHERN CORPORATION, New York City.  
CONNECTICUT LIGHT & POWER COMPANY, Hartford, Conn.  
CONNECTICUT POWER COMPANY, New London, Conn.  
CONSOLIDATED EDISON COMPANY OF NEW YORK, INC., New York City.  
CONSOLIDATED GAS ELECTRIC LIGHT AND POWER COMPANY OF BALTIMORE, Baltimore, Md.  
CONSOLIDATED NATURAL GAS COMPANY, New York City.  
CONSUMERS' GAS COMPANY OF TORONTO (THE), Toronto, Ontario, Canada.  
CONSUMERS POWER COMPANY, Jackson, Mich.  
DALLAS POWER & LIGHT COMPANY, Dallas, Tex.  
DAYTON POWER AND LIGHT COMPANY, Dayton, O.  
DETROIT EDISON COMPANY, Detroit, Mich.  
EAST BAY MUNICIPAL UTILITY DISTRICT, Oakland, Cal.  
ENGINEERS PUBLIC SERVICE COMPANY, INC., New York City.  
FLORIDA POWER & LIGHT COMPANY, Miami, Fla.  
GEORGIA POWER COMPANY, Atlanta, Ga.  
GULF STATES UTILITIES COMPANY, Beaumont, Tex.  
HACKENSACK WATER COMPANY, Weehawken, N. J.  
HARTFORD ELECTRIC LIGHT COMPANY, Hartford, Conn.  
HAWAIIAN ELECTRIC COMPANY, LTD., Honolulu, Hawaii.  
HOUSTON NATURAL GAS CORPORATION, Houston, Tex.  
IOWA SOUTHERN UTILITIES COMPANY, Centerville, Ia.  
KANSAS CITY POWER & LIGHT COMPANY, Kansas City, Mo.  
KENTUCKY UTILITIES COMPANY, Lexington, Ky.  
LONG ISLAND LIGHTING COMPANY, Mineola, N. Y.  
LOUISIANA POWER & LIGHT COMPANY, New Orleans, La.  
LOUISVILLE GAS AND ELECTRIC COMPANY, Louisville, Ky.  
LYNN GAS AND ELECTRIC COMPANY, Lynn, Mass.  
METROPOLITAN EDISON COMPANY, Reading, Pa.  
METROPOLITAN UTILITIES DISTRICT, Omaha, Neb.  
MICHIGAN CONSOLIDATED GAS COMPANY, Detroit, Mich.  
MIDDLE WEST SERVICE COMPANY, Chicago, Ill.  
MINNESOTA POWER & LIGHT COMPANY, Duluth, Minn.  
MISSISSIPPI POWER & LIGHT COMPANY, Jackson, Miss.  
MONTANA POWER COMPANY (THE), Butte, Mont.  
NEW ENGLAND POWER COMPANY, Boston, Mass.



*Public Utilities (Continued)*

- NEW ENGLAND PUBLIC SERVICE COMPANY, Augusta, Me.  
NEW JERSEY POWER & LIGHT COMPANY, Dover, N. J.  
NEW ORLEANS PUBLIC SERVICE INC., New Orleans, La.  
NEW YORK & QUEENS ELECTRIC LIGHT & POWER COMPANY, Long Island City, N. Y.  
NIAGARA HUDSON POWER CORPORATION, New York City.  
NORTH AMERICAN COMPANY, New York City.  
NORTHERN STATES POWER COMPANY, Minneapolis, Minn.  
NORTHWESTERN PUBLIC SERVICE COMPANY, Huron, S. D.  
OHIO EDISON COMPANY, Akron, O.  
OKLAHOMA GAS AND ELECTRIC COMPANY, Oklahoma City, Okla.  
PACIFIC GAS AND ELECTRIC COMPANY, San Francisco, Cal.  
PEOPLES GAS LIGHT AND COKE COMPANY, Chicago, Ill.  
PEOPLES NATURAL GAS COMPANY (THE), Pittsburgh, Pa.  
PHILADELPHIA COMPANY, Pittsburgh, Pa.  
PHILADELPHIA ELECTRIC COMPANY, Philadelphia, Pa.  
PORTLAND GAS & COKE COMPANY, Portland, Ore.  
POTOMAC EDISON COMPANY, Hagerstown, Md.  
POTOMAC ELECTRIC POWER COMPANY, Washington, D. C.  
PUBLIC SERVICE COMPANY OF NORTHERN ILLINOIS, Chicago, Ill.  
PUBLIC SERVICE ELECTRIC AND GAS COMPANY, Newark, N. J.  
PUBLIC UTILITY ENGINEERING AND SERVICE CORPORATION, Chicago, Ill.  
ROCHESTER GAS AND ELECTRIC CORPORATION, Rochester, N. Y.  
ROCKLAND LIGHT AND POWER COMPANY, Nyack, N. Y.  
SAVANNAH ELECTRIC AND POWER COMPANY, Savannah, Ga.  
SEATTLE GAS COMPANY, Seattle, Wash.  
SHAWINIGAN WATER & POWER COMPANY, Montreal, Canada.  
SIXTY WALL TOWER, INC., New York City.  
SOUTH CAROLINA POWER COMPANY, Charleston, S. C.  
SOUTHERN CALIFORNIA EDISON COMPANY, LTD., Los Angeles, Cal.  
SOUTHERN CALIFORNIA GAS COMPANY, Los Angeles, Cal.  
STONE & WEBSTER, INCORPORATED, Boston, Mass.  
TAMPA ELECTRIC COMPANY, Tampa, Fla.  
TEXAS ELECTRIC SERVICE COMPANY, Fort Worth, Tex.  
TOLEDO EDISON COMPANY, Toledo, O.  
UNION ELECTRIC COMPANY OF MISSOURI, St. Louis, Mo.  
UNITED GAS IMPROVEMENT COMPANY, Philadelphia, Pa.  
UNITED ILLUMINATING COMPANY, New Haven, Conn.  
UNITED LIGHT AND POWER COMPANY, Chicago, Ill.  
VIRGINIA ELECTRIC AND POWER COMPANY, Richmond, Va.  
WASHINGTON GAS LIGHT COMPANY, Washington, D. C.



*Public Utilities (Continued)*

WATER WORKS SERVICE CO., INC., New York City.  
WEST PENN POWER COMPANY, Pittsburgh, Pa.  
WESTERN UNITED GAS AND ELECTRIC COMPANY, Aurora, Ill.  
WISCONSIN ELECTRIC POWER COMPANY, Milwaukee, Wis.  
WISCONSIN POWER AND LIGHT COMPANY, Madison, Wis.

*Research and Statistical*

ARGUS RESEARCH CORPORATION, New York City.  
DUN & BRADSTREET, INC., New York City.  
ELECTRICAL TESTING LABORATORIES, INC., New York City.  
INDUSTRIAL COMMODITY CORPORATION, New York City.  
KESWICK CORPORATION, New York City.  
MANHATTAN RESEARCH ASSOCIATES, New York City.  
NIELSEN (A. C.) COMPANY, Chicago, Ill.  
OPINION RESEARCH CORPORATION, Princeton, N. J.  
TOWNSEND-SKINNER & COMPANY, New York City.

*Transportation*

AMERICAN AIRLINES, INC., Jackson Heights, N. Y.  
AMERICAN-HAWAIIAN STEAMSHIP COMPANY, New York City.  
ATCHISON, TOPEKA AND SANTA FE RAILWAY SYSTEM (THE),  
Chicago, Ill.  
BALTIMORE AND OHIO RAILROAD COMPANY, Baltimore, Md.  
BALTIMORE TRANSIT COMPANY, Baltimore, Md.  
BEKINS VAN & STORAGE COMPANY, Los Angeles, Cal.  
CANADIAN PACIFIC RAILWAY COMPANY, Montreal, Canada.  
CAPITAL TRANSIT COMPANY, Washington, D. C.  
CASTLE & COOKE TERMINALS, LTD., Honolulu, T. H.  
CHESAPEAKE AND OHIO RAILWAY COMPANY, Cleveland, O.  
CHICAGO, BURLINGTON & QUINCY RAILROAD COMPANY, Chicago,  
Ill.  
CHICAGO SURFACE LINES, Chicago, Ill.  
CINCINNATI STREET RAILWAY COMPANY, Cincinnati, O.  
DELAWARE AND HUDSON RAILROAD CORPORATION, New York City.  
DENVER TRAMWAY CORPORATION, Denver, Colo.  
EASTERN AIR LINES, INC., New York City.  
ERIE RAILROAD COMPANY, Cleveland, O.  
FRUIT GROWERS EXPRESS COMPANY, Washington, D. C.  
FUNCH, EDYE & COMPANY, INC., New York City.  
GENERAL AMERICAN TRANSPORTATION CORPORATION, Chicago, Ill.



*Transportation (Continued)*

GREYHOUND CORPORATION, Chicago, Ill.  
INDIANAPOLIS RAILWAYS INCORPORATED, Indianapolis, Ind.  
INTERLAKE STEAMSHIP COMPANY, Cleveland, O.  
LEHIGH VALLEY RAILROAD COMPANY, New York City.  
LOUISIANA & ARKANSAS RAILWAY COMPANY, Kansas City, Mo.  
MISSOURI PACIFIC LINES, St. Louis, Mo.  
MOTOR HAULAGE COMPANY, INC., Brooklyn, N. Y.  
NEW YORK CENTRAL RAILROAD COMPANY, New York City.  
NEW YORK CITY OMNIBUS CORPORATION, New York City.  
NEW YORK, NEW HAVEN AND HARTFORD RAILROAD COMPANY,  
(THE), New Haven, Conn.  
NORFOLK AND WESTERN RAILWAY COMPANY, Roanoke, Va.  
NORTHWEST AIRLINES, INC., St. Paul, Minn.  
PAN AMERICAN AIRWAYS, INC., New York City.  
PENNSYLVANIA-CENTRAL AIRLINES CORPORATION, Washington,  
D. C.  
PENNSYLVANIA GREYHOUND LINES, INC., Cleveland, O.  
PENNSYLVANIA RAILROAD COMPANY, Philadelphia, Pa.  
PENNSYLVANIA TRUCK LINES, INC., Pittsburgh, Pa.  
PHILADELPHIA TRANSPORTATION COMPANY, Philadelphia, Pa.  
PITTSBURGH & LAKE ERIE RAILROAD COMPANY, Pittsburgh, Pa.  
RAILWAY EXPRESS AGENCY, INCORPORATED, New York City.  
READING COMPANY, Philadelphia, Pa.  
SCOTT BROS., INCORPORATED, Philadelphia, Pa.  
SEABOARD AIR LINE RAILWAY, Norfolk, Va.  
THIRD AVENUE TRANSIT CORPORATION, New York City.  
TRANSCONTINENTAL & WESTERN AIR, INC., Kansas City, Mo.  
UNION PACIFIC RAILROAD COMPANY, New York City.  
UNITED AIR LINES TRANSPORT CORPORATION, Chicago, Ill.  
UNITED FRUIT COMPANY, New York City.  
UNITED PARCEL SERVICE OF NEW YORK, INC., New York City.  
WESTERN MARYLAND RAILWAY COMPANY, Baltimore, Md.

*Wholesale and Retail Establishments*

ABRAHAM & STRAUS, INC., Brooklyn, N. Y.  
ALLIED STORES, INC., New York City.  
AMERICAN FACTORS, LIMITED, Honolulu, T. H.  
BERLAND SHOE STORES, INC., St. Louis, Mo.  
BLOOMINGDALE BROS., INC., New York City.  
BROADWAY DEPARTMENT STORE, INC., Los Angeles, Cal.  
BUTLER BROTHERS, Chicago, Ill.



*Wholesale and Retail Establishments (Continued)*

CITY STORES COMPANY, Philadelphia, Pa.  
ECONOMY GROCERY STORES CORPORATION, Boston, Mass.  
EDWARDS (E. W.) & SON, Syracuse, N. Y.  
EMPORIUM (THE), San Francisco, Cal.  
FILENE'S (WILLIAM) SONS COMPANY, Boston, Mass.  
FOLEY BROS. DRY GOODS COMPANY, Houston, Tex.  
GILCHRIST COMPANY, Boston, Mass.  
GIMBEL BROTHERS, Philadelphia, Pa.  
GRANT (W. T.) COMPANY, New York City.  
GREAT ATLANTIC & PACIFIC TEA COMPANY, New York City.  
HALLE BROS. COMPANY, Cleveland, O.  
HENGGERER (WM.) COMPANY, Buffalo, N. Y.  
HIBBARD, SPENCER, BARLETT & COMPANY, Chicago, Ill.  
HIGBEE COMPANY, Cleveland, O.  
HUDSON (J. L.) COMPANY, Detroit, Mich.  
INTERSTATE DEPARTMENT STORES, INC., New York City.  
KAUFMANN DEPARTMENT STORES, INC., Pittsburgh, Pa.  
KRESS (S. H.) & COMPANY, New York City.  
LAZARUS (F. & R.) & COMPANY, Columbus, O.  
LERNER STORES CORPORATION, New York City.  
MACY (R. H.) & COMPANY, INC., New York City.  
MANDEL BROTHERS, INC., Chicago, Ill.  
MARSHALL FIELD AND COMPANY, Chicago, Ill.  
MAY COMPANY, Cleveland, O.  
MAY DEPARTMENT STORES COMPANY, St. Louis, Mo.  
MCKELVEY (THE G. M.) COMPANY, Youngstown, O.  
MELVILLE SHOE CORPORATION, New York City.  
MONTGOMERY WARD & COMPANY, INC., Chicago, Ill.  
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OHRBACH'S INC., New York City.  
RIKE-KUMLER COMPANY (THE), Dayton, O.  
SAFEWAY STORES, INCORPORATED, Oakland, Cal.  
SAM'S CUT RATE INC., Detroit, Mich.  
SCHUSTER (ED.) & COMPANY, INCORPORATED, Milwaukee, Wis.  
SEARS, ROEBUCK AND COMPANY, Chicago, Ill.  
SHILLITO (THE JOHN) COMPANY, Cincinnati, O.  
SOLO-SERVE COMPANY, INC., San Antonio, Tex.  
SPIEGEL, INC., Chicago, Ill.  
STERN BROTHERS, New York City.  
STEWART DRY GOODS COMPANY, INC., Louisville, Ky.  
STRAWBRIDGE & CLOTHIER, Philadelphia, Pa.  
WESTERN AUTO SUPPLY COMPANY, Kansas City, Mo.  
WHITE (R. H.) COMPANY, Boston, Mass.



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BAKER, FENTRESS & COMPANY, Chicago, Ill.  
BROTHERTON (FRED J.), INC., Hackensack, N. J.  
DAVIES (THEO. H.) & CO., LTD., Honolulu, Hawaii.  
EMERY'S (THOMAS) SONS, INC., Cincinnati, O.  
FERRY-MORSE SEED CO., Detroit, Mich.  
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INSTITUTE OF LIVING, Hartford, Conn.  
McKEE (ARTHUR G.) & COMPANY, Cleveland, O.  
MERCHANTS REFRIGERATING COMPANY, New York City.  
NEW YORK DOCK COMPANY, New York City.  
NORTHERN CONTRACTING COMPANY, Philadelphia, Pa.  
PENN STEVEDORING COMPANY, New York City.  
QUIGAN (FRANK J.) INC., Maspeth, Long Island, N. Y.



## ORGANIZATIONS

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AMERICAN COTTON MANUFACTURERS ASSOCIATION, Charlotte, N. C.  
AMERICAN FEDERATION OF LABOR, Washington, D. C.  
AMERICAN GAS ASSOCIATION, INC., New York City.  
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Cleveland, O.  
AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC., New York  
City.  
AMERICAN IRON AND STEEL INSTITUTE, New York City.  
AMERICAN MARITIME COUNCIL, New York City.  
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AMERICAN PAPER AND PULP ASSOCIATION, New York City.  
AMERICAN ROAD BUILDERS' ASSOCIATION, Washington, D. C.  
AMERICAN TRANSIT ASSOCIATION, New York City.  
AMTORG TRADING CORPORATION, New York City.  
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ASSOCIATED INDUSTRIES OF MASSACHUSETTS, Boston, Mass.  
ASSOCIATED INDUSTRIES OF MINNEAPOLIS, Minneapolis, Minn.  
ASSOCIATED INDUSTRIES OF MISSOURI, St. Louis, Mo.  
ASSOCIATED INDUSTRIES OF NEW YORK STATE, INC., Buffalo, N. Y.  
ASSOCIATED UNIONS OF AMERICA, Milwaukee, Wis.  
ASSOCIATION OF AMERICAN RAILROADS, Washington, D. C.  
ASSOCIATION OF AMERICAN SHIP OWNERS, New York City.  
ASSOCIATION OF CASUALTY & SURETY EXECUTIVES, New York City.  
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AUTOMOTIVE & AVIATION PARTS MANUFACTURERS, INC., Detroit,  
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BROTHERHOOD OF MAINTENANCE OF WAY EMPLOYEES, Detroit,  
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HANDLERS, EXPRESS AND STATION EMPLOYEES, Cincinnati, O.  
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BUREAU OF INFORMATION OF THE EASTERN RAILWAYS, New York  
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BUREAU OF NATIONAL AFFAIRS (THE), INC., Washington, D. C.  
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- NORTHEASTERN UNIVERSITY, Boston, Mass.
- NORTHWESTERN UNIVERSITY LIBRARY, Evanston, Ill.
- NORTHWESTERN UNIVERSITY, THE JOS. SCHAFFNER LIBRARY OF COMMERCE, Chicago, Ill.
- OHIO STATE UNIVERSITY, Columbus, O.
- OHIO UNIVERSITY, Athens, O.
- OKLAHOMA AGRICULTURAL AND MECHANICAL COLLEGE, Stillwater, Okla.
- PENNSYLVANIA STATE COLLEGE, State College, Pa.
- PENNSYLVANIA STATE COLLEGE, EXTENSION LIBRARY, State College, Pa.
- PRATT (ENOCH) FREE LIBRARY, Baltimore, Md.
- PRINCETON UNIVERSITY, SCHOOL OF ENGINEERING, Princeton, N. J.
- PUBLIC LIBRARY, Ann Arbor, Mich.
- PUBLIC LIBRARY, Detroit, Mich.
- PUBLIC LIBRARY, Newark, N. J.
- PUBLIC LIBRARY, South Bend, Ind.
- PUBLIC LIBRARY OF CINCINNATI, Cincinnati, O.
- PUBLIC LIBRARY OF NEW SOUTH WALES (THE), Sydney, Australia.
- PURDUE UNIVERSITY, Lafayette, Ind.
- QUEENS BOROUGH PUBLIC LIBRARY, Jamaica, N. Y.
- RAILROAD RETIREMENT BOARD, Chicago, Ill.
- RENSSELAER POLYTECHNIC INSTITUTE, Troy, N. Y.
- REPUBLICAN NATIONAL COMMITTEE, Washington, D. C.
- RHODE ISLAND STATE COLLEGE, Kingston, R. I.
- ROCHESTER INSTITUTE OF TECHNOLOGY, Rochester, N. Y.
- ROCHESTER PUBLIC LIBRARY, Rochester, N. Y.
- ROCKHURST COLLEGE LIBRARY, Kansas City, Mo.
- RUTGERS UNIVERSITY LIBRARY, New Brunswick, N. J.
- ST. LOUIS PUBLIC LIBRARY, St. Louis, Mo.
- ST. LOUIS UNIVERSITY, SCHOOL OF COMMERCE AND FINANCE, St. Louis, Mo.
- ST. PAUL PUBLIC LIBRARY, St. Paul, Minn.
- SAN FRANCISCO PUBLIC LIBRARY, San Francisco, Cal.
- SEATTLE PUBLIC LIBRARY, Seattle, Wash.
- SOUTHERN METHODIST UNIVERSITY, FONDREN LIBRARY, Dallas, Tex.



- SPOKANE PUBLIC LIBRARY, Spokane, Wash.  
STANFORD UNIVERSITY, GRADUATE SCHOOL OF BUSINESS, Stanford University, Cal.  
SUPERIOR SCHOOL OF COMMERCE, Quebec, Canada.  
SYRACUSE UNIVERSITY LIBRARY, Syracuse, N. Y.  
TEMPLE UNIVERSITY, SULLIVAN MEMORIAL LIBRARY, Philadelphia, Pa.  
TOLEDO PUBLIC LIBRARY, Toledo, O.  
TUCK (AMOS) SCHOOL OF BUSINESS ADMINISTRATION, Hanover, N. H.  
TUFTS COLLEGE LIBRARY, Medford, Mass.  
TULANE UNIVERSITY, New Orleans, La.  
UNITED STATES GOVERNMENT  
BUREAU OF THE BUDGET, Washington, D. C.  
CIVIL SERVICE COMMISSION, Washington, D. C.  
COORDINATOR OF INTER-AMERICAN AFFAIRS, New York City.  
EIGHTH SERVICE COMMAND, ASF, Dallas, Tex.  
FEDERAL DEPOSIT INSURANCE CORPORATION, Washington, D. C.  
NAVAL DRY DOCKS, San Francisco, Cal.  
NAVY DEPARTMENT, BUREAU OF ORDNANCE LIBRARY, Washington, D. C.  
NAVY DEPARTMENT, EXECUTIVE OFFICE OF THE SECRETARY, Washington, D. C.  
OFFICE OF PRICE ADMINISTRATION, Washington, D. C.  
OFFICE OF WAR INFORMATION, LIBRARY, London, England.  
OFFICE OF WAR INFORMATION, LIBRARY, New York City.  
PHILADELPHIA QUARTERMASTER DEPOT, Philadelphia, Pa.  
SOCIAL SECURITY BOARD, Washington, D. C.  
TREASURY DEPARTMENT, LIBRARY, Washington, D. C.  
WAR DEPARTMENT, PENTAGON LIBRARY, Washington, D. C.  
UNIVERSITY OF ALABAMA, University, Ala.  
UNIVERSITY OF ARIZONA, Tucson, Ariz.  
UNIVERSITY OF CALIFORNIA, Berkeley, Cal.  
UNIVERSITY OF CALIFORNIA AT LOS ANGELES, West Los Angeles, Cal.  
UNIVERSITY OF CHICAGO, INDUSTRIAL RELATIONS CENTER, Chicago, Ill.  
UNIVERSITY OF CHICAGO LIBRARIES, Chicago, Ill.  
UNIVERSITY OF CINCINNATI, GENERAL LIBRARY, Cincinnati, O.  
UNIVERSITY OF COLORADO LIBRARIES, Boulder, Colo.  
UNIVERSITY OF CONNECTICUT, Storrs, Conn.  
UNIVERSITY OF GEORGIA, Athens, Ga.  
UNIVERSITY OF IDAHO, Moscow, Id.  
UNIVERSITY OF ILLINOIS LIBRARY, Urbana, Ill.



- UNIVERSITY OF IOWA, COLLEGE OF COMMERCE, Iowa City, Ia.  
UNIVERSITY OF KENTUCKY, Lexington, Ky.  
UNIVERSITY OF MARYLAND, College Park, Md.  
UNIVERSITY OF MINNESOTA, Minneapolis, Minn.  
UNIVERSITY OF MISSOURI, Columbia, Mo.  
UNIVERSITY OF NEBRASKA LIBRARIES, Lincoln, Neb.  
UNIVERSITY OF NORTH CAROLINA, Chapel Hill, N. C.  
UNIVERSITY OF OKLAHOMA LIBRARY, Norman, Okla.  
UNIVERSITY OF OMAHA, Omaha, Neb.  
UNIVERSITY OF OREGON LIBRARY, Eugene, Ore.  
UNIVERSITY OF PITTSBURGH, RESEARCH BUREAU FOR RETAIL  
TRAINING, Pittsburgh, Pa.  
UNIVERSITY OF ROCHESTER, RUSH RHEES LIBRARY, Rochester, N.Y.  
UNIVERSITY OF SOUTHERN CALIFORNIA, Los Angeles, Cal.  
UNIVERSITY OF THE STATE OF NEW YORK, Albany, N. Y.  
UNIVERSITY OF TENNESSEE, Knoxville, Tenn.  
UNIVERSITY OF TEXAS, Austin, Tex.  
UNIVERSITY OF UTAH, Salt Lake City, Utah.  
UNIVERSITY OF VERMONT, Burlington, Vt.  
UNIVERSITY OF WASHINGTON LIBRARY, Seattle, Wash.  
UNIVERSITY OF WISCONSIN, Madison, Wis.  
VIRGINIA POLYTECHNIC INSTITUTE, Blacksburg, Va.  
WARTIME PRICES AND TRADE BOARD (THE), Ottawa, Ontario,  
Canada.  
WASHINGTON UNIVERSITY LIBRARY, St. Louis, Mo.  
WAYNE UNIVERSITY LIBRARY, Detroit, Mich.  
WICHITA CITY LIBRARY, Wichita, Kan.  
WISCONSIN BUREAU OF PERSONNEL, Madison, Wis.  
YALE UNIVERSITY LIBRARY, New Haven, Conn.



## VII

### ALPHABETICAL LIST OF ASSOCIATES OF THE CONFERENCE BOARD

(As of April 30, 1945)

A. P. W. PAPER COMPANY, Inc., Albany, N. Y.  
ABBOTT LABORATORIES, North Chicago, Ill.  
ABBOTTS DAIRIES, Inc., Philadelphia, Pa.  
ABERFOYLE MANUFACTURING COMPANY, Chester, Pa.  
ABRAHAM & STRAUS, Inc., Brooklyn, New York.  
ABRASIVE MACHINE TOOL COMPANY, East Providence, R. I.  
ACACIA MUTUAL LIFE INSURANCE COMPANY, Washington, D. C.  
ACME STEEL COMPANY, Chicago, Ill.  
ACME VISIBLE RECORDS, Inc., Chicago, Ill.  
ACME WIRE COMPANY (THE), New Haven, Conn.  
ADAM (FRANK) ELECTRIC COMPANY, St. Louis, Mo.  
ADAMS EXPRESS COMPANY, New York City.  
ADAMS (J. D.) MANUFACTURING COMPANY, Indianapolis, Ind.  
ADAMS & WESTLAKE COMPANY, Elkhart, Ind.  
ADDRESSOGRAPH-MULTIGRAPH CORPORATION, Cleveland, O.  
ADIRONDACK FOUNDRIES AND STEEL, Inc., Watervliet, N. Y.  
ADVANCE PRESSURE CASTINGS, Inc., Brooklyn, N. Y.  
AERMOTOR COMPANY, Chicago, Ill.  
AERO PARTS MANUFACTURING COMPANY, Inc., Wichita, Kan.  
AEROVOX CORPORATION, New Bedford, Mass.  
AETNA LIFE INSURANCE COMPANY, Hartford, Conn.  
AFRICAN METALS CORPORATION, New York City.  
AGRICULTURAL INSURANCE COMPANY, Watertown, N. Y.  
AIR REDUCTION COMPANY, INCORPORATED, New York City.  
AIRADIO, INCORPORATED, Stamford, Conn.  
AIRCRAFT-MARINE PRODUCTS, Inc., Harrisburg, Pa.  
AIRCRAFT RADIO CORPORATION, Boonton, N. J.  
AJAX MANUFACTURING COMPANY, Cleveland, O.  
AJAX METAL COMPANY, Philadelphia, Pa.  
AKRON PUBLIC LIBRARY, Akron, O.  
ALABAMA DRY DOCK AND SHIPBUILDING COMPANY, Mobile, Ala.  
ALABAMA POWER COMPANY, Birmingham, Ala.  
ALBEMARLE PAPER MANUFACTURING COMPANY, Richmond, Va.  
ALCO VALVE COMPANY, St. Louis, Mo.  
ALLEN-BRADLEY COMPANY, Milwaukee, Wis.  
ALLEN IRON & STEEL CO. (THE), Inc., Norristown, Pa.  
ALLEN MANUFACTURING COMPANY, Hartford, Conn.  
ALLEN (R. C.) PRODUCTS INCORPORATED, Grand Rapids, Mich.  
ALLENTOWN PORTLAND CEMENT COMPANY, Catasauqua, Pa.  
ALLIED CHEMICAL & DYE CORPORATION, New York City.  
ALLIED CONTROL COMPANY, Inc., New York City.  
ALLIED STORES, Inc., New York City.  
ALLIS-CHALMERS MANUFACTURING COMPANY, Inc., Milwaukee, Wis.



- ALLIS (LOUIS) COMPANY, Milwaukee, Wis.  
ALPHA PORTLAND CEMENT COMPANY, Easton, Pa.  
ALTORFER BROS. COMPANY, Peoria, Ill.  
ALTSCHUL, FRANK, New York City.  
ALUMINUM COMPANY OF AMERICA, Pittsburgh, Pa.  
ALUMINUM COMPANY OF CANADA, LTD., Montreal, Canada.  
ALUMINUM GOODS MANUFACTURING COMPANY, Manitowoc, Wis.  
AMALGAMATED CLOTHING WORKERS OF AMERICA, New York City.  
AMERADA PETROLEUM CORPORATION, New York City.  
AMERICAN AIRLINES, INC., Jackson Heights, N. Y.  
AMERICAN APPRAISAL COMPANY, Milwaukee, Wis.  
AMERICAN BANK NOTE COMPANY, New York City.  
AMERICAN BANKERS ASSOCIATION, (THE), New York City.  
AMERICAN BLEACHED GOODS COMPANY, INC., New York City.  
AMERICAN BLOWER CORPORATION, Detroit, Mich.  
AMERICAN BOSCH CORPORATION, Springfield, Mass.  
AMERICAN BRAKE SHOE COMPANY, New York City.  
AMERICAN BRASS COMPANY (THE), Waterbury, Conn.  
AMERICAN CAN COMPANY, New York City.  
AMERICAN CAR AND FOUNDRY COMPANY, New York City.  
AMERICAN CAST IRON PIPE COMPANY, Birmingham, Ala.  
AMERICAN CENTRAL MANUFACTURING CORPORATION, Connersville, Ind.  
AMERICAN CHAIN AND CABLE COMPANY, INC., Bridgeport, Conn.  
AMERICAN CHEMICAL PAINT COMPANY, Ambler, Pa.  
AMERICAN CHICLE COMPANY, New York City.  
AMERICAN COTTON MANUFACTURERS ASSOCIATION, Charlotte, N. C.  
AMERICAN CREOSOTING COMPANY, Louisville, Ky.  
AMERICAN CYANAMID COMPANY, New York City.  
AMERICAN DYEWOOD COMPANY, New York City.  
AMERICAN EDUCATION PRESS, INC., Columbus, O.  
AMERICAN ENGINEERING COMPANY, Philadelphia, Pa.  
AMERICAN ENKA CORPORATION, Enka, N. C.  
AMERICAN FACTORS, LIMITED, Honolulu, T. H.  
AMERICAN FEDERATION OF LABOR, Washington, D. C.  
AMERICAN FORGING & SOCKET CO., Pontiac, Mich.  
AMERICAN GAS ASSOCIATION, INC., New York City.  
AMERICAN GAS AND ELECTRIC SERVICE CORPORATION, New York City.  
AMERICAN HAIR AND FELT COMPANY, Chicago, Ill.  
AMERICAN HARD RUBBER COMPANY, New York City.  
AMERICAN HARDWARE CORPORATION, New Britain, Conn.  
AMERICAN-HAWAIIAN STEAMSHIP COMPANY, New York City.  
AMERICAN HOIST & DERRICK COMPANY, St. Paul, Minn.  
AMERICAN HOME PRODUCTS CORPORATION, Jersey City, N. J.  
AMERICAN INSTITUTE OF BOLT, NUT AND RIVET MANUFACTURERS, Cleveland, O.  
AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC., New York City.  
AMERICAN IRON AND STEEL INSTITUTE, New York City.  
AMERICAN-LA FRANCE FOAMITE CORPORATION, Elmira, N. Y.  
AMERICAN LAUNDRY MACHINERY COMPANY, (THE), Cincinnati, O.  
AMERICAN LAVA CORPORATION, Chattanooga, Tenn.  
AMERICAN LOCOMOTIVE COMPANY, New York City.  
AMERICAN MACHINE & FOUNDRY COMPANY, Brooklyn, N. Y.  
AMERICAN MARITIME COUNCIL, New York City.



AMERICAN METER COMPANY, New York City.  
AMERICAN MUTUAL LIABILITY INSURANCE COMPANY, Boston, Mass.  
AMERICAN NEWS COMPANY, New York City.  
AMERICAN NEWSPAPER PUBLISHERS ASSOCIATION, Chicago, Ill.  
AMERICAN OAK LEATHER COMPANY, (THE), Cincinnati, O.  
AMERICAN OPTICAL COMPANY, Southbridge, Mass.  
AMERICAN PAPER AND PULP ASSOCIATION, New York City.  
AMERICAN PHARMACEUTICAL COMPANY, INC., New York City.  
AMERICAN PULLEY COMPANY, Philadelphia, Pa.  
AMERICAN RADIATOR & STANDARD SANITARY CORPORATION, New York City.  
AMERICAN REENFORCED PAPER COMPANY, Attleboro, Mass.  
AMERICAN REPUBLICS CORPORATION, Houston, Tex.  
AMERICAN ROAD BUILDERS' ASSOCIATION, Washington, D. C.  
AMERICAN ROLLING MILL COMPANY, Middletown, O.  
AMERICAN SEAL KAP CORPORATION, Long Island City, N. Y.  
AMERICAN SEATING COMPANY, Grand Rapids, Mich.  
AMERICAN SHIP BUILDING COMPANY (THE), Cleveland, O.  
AMERICAN SMELTING AND REFINING COMPANY, New York City.  
AMERICAN STEEL FOUNDRIES, Chicago, Ill.  
AMERICAN STERILIZER COMPANY, Erie, Pa.  
AMERICAN SUGAR REFINING COMPANY, New York City.  
AMERICAN TELEPHONE AND TELEGRAPH COMPANY, New York City.  
AMERICAN TIME PRODUCTS, INC., New York City.  
AMERICAN TOOL WORKS COMPANY, Cincinnati, O.  
AMERICAN TRANSIT ASSOCIATION, New York City.  
AMERICAN TRUST COMPANY, San Francisco, Cal.  
AMERICAN TUBE BENDING COMPANY, INC., New Haven, Conn.  
AMERICAN TYPE FOUNDERS, INC., Elizabeth, N. J.  
AMERICAN VISCOSE CORPORATION, Wilmington, Del.  
AMERICAN ZINC, LEAD & SMELTING COMPANY, St. Louis, Mo.  
AMES BALDWIN WYOMING COMPANY, Parkersburg, W. Va.  
AMTORG TRADING CORPORATION, New York City.  
ANACONDA COPPER MINING COMPANY, New York City.  
ANACONDA WIRE & CABLE COMPANY, New York City.  
ANDALA COMPANY (THE), Andalusia, Ala.  
ANDERSEN (ARTHUR) & COMPANY, Chicago, Ill.  
ANDERSEN (ARTHUR) & COMPANY, New York City.  
ANDREWS STEEL COMPANY, Newport, Ky.  
ANGELICA JACKET COMPANY, St. Louis, Mo.  
ANGELINA COUNTY LUMBER COMPANY, Keltys, Tex.  
ANHEUSER-BUSCH, INC., St. Louis, Mo.  
ANIMAL TRAP COMPANY OF AMERICA, Lititz, Pa.  
ANSUL CHEMICAL COMPANY, Marinette, Wis.  
ANTHRACITE INSTITUTE, New York City.  
APPALACHIAN COALS, INC., Cincinnati, O.  
APPLETON COATED PAPER COMPANY, Appleton, Wis.  
APPLETON WIRE WORKS, INC., Appleton, Wis.  
APPLETON WOOLEN MILLS, Appleton, Wis.  
APPONAUG COMPANY, Apponaug, R. I.  
ARENCO MACHINE COMPANY, INC., New York City.  
ARGUS, INCORPORATED, Ann Arbor, Mich.  
ARGUS RESEARCH CORPORATION, New York City.



ARKANSAS LOUISIANA GAS COMPANY, Shreveport, La.  
ARLINGTON MILLS, Boston, Mass.  
ARMA CORPORATION, Brooklyn, N. Y.  
ARMOUR AND COMPANY, Chicago, Ill.  
ARMSTRONG CORK COMPANY, Lancaster, Pa.  
ARMSTRONG (GEORGE S.) & COMPANY, INC., New York City.  
ARMSTRONG RUBBER COMPANY, (THE), West Haven, Conn.  
ARROW-HART & HEGEMAN ELECTRIC COMPANY, Hartford, Conn.  
ART METAL CONSTRUCTION COMPANY, Jamestown, N. Y.  
ARTLOOM CORPORATION, Philadelphia, Pa.  
ASHLAND OIL & REFINING COMPANY, INC., Ashland, Ky.  
ASSOCIATED INDUSTRIES OF CLEVELAND, Cleveland, O.  
ASSOCIATED INDUSTRIES OF MASSACHUSETTS, Boston, Mass.  
ASSOCIATED INDUSTRIES OF MINNEAPOLIS, Minneapolis, Minn.  
ASSOCIATED INDUSTRIES OF MISSOURI, St. Louis, Mo.  
ASSOCIATED INDUSTRIES OF NEW YORK STATE, INC., Buffalo, N. Y.  
ASSOCIATED SPRING CORPORATION, Bristol, Conn.  
ASSOCIATED UNIONS OF AMERICA, Milwaukee, Wis.  
ASSOCIATION OF AMERICAN RAILROADS, Washington, D. C.  
ASSOCIATION OF AMERICAN SHIP OWNERS, New York City.  
ASSOCIATION OF CASUALTY & SURETY EXECUTIVES, New York City.  
ATCHISON, TOPEKA AND SANTA FE RAILWAY SYSTEM (THE), Chicago, Ill.  
ATHEY TRUSS WHEEL COMPANY, Chicago, Ill.  
ATKINS (E. C.) AND COMPANY, Indianapolis, Ind.  
ATLANTIC REFINING COMPANY, Philadelphia, Pa.  
ATLANTIC SEABOARD CORPORATION, Charleston, W. Va.  
ATLANTIC STEEL COMPANY, Atlanta, Ga.  
ATLAS CORPORATION, New York City.  
ATLAS POWDER COMPANY, Wilmington, Del.  
AUBURN BUTTON WORKS, INC., Auburn, N. Y.  
AUTOMATIC ELECTRIC COMPANY, Chicago, Ill.  
AUTOMOBILE MANUFACTURERS ASSOCIATION, Detroit, Mich.  
AUTOMOTIVE & AVIATION PARTS MANUFACTURERS, INC., Detroit, Mich.  
AVEY DRILLING MACHINE COMPANY, Covington, Ky.  
AXE (E. W.) & CO., INC., Tarrytown, N. Y.

BABCOCK & WILCOX COMPANY, New York City.  
BADGER CARTON COMPANY, Milwaukee, Wis.  
BAILEY METER COMPANY, Cleveland, O.  
BAKER & COMPANY, INC., Newark, N. J.  
BAKER (CHAS. H.), INC., Providence, R. I.  
BAKER, FENTRESS & COMPANY, Chicago, Ill.  
BAKER (J. T.) CHEMICAL COMPANY, Phillipsburg, N. J.  
BAKER PERKINS INC., Saginaw, Mich.  
BAKER-RAULANG COMPANY (THE), Cleveland, O.  
BAKER, WEEKS & HARDEN, New York City.  
BALDWIN COMPANY, (THE), Cincinnati, O.  
BALDWIN LOCOMOTIVE WORKS, Philadelphia, Pa.  
BALL BROTHERS COMPANY, Muncie, Ind.  
BALTIMORE MILLS COMPANY, Baltimore, Conn.  
BALTIMORE AND OHIO RAILROAD COMPANY, Baltimore, Md.  
BALTIMORE TRANSIT COMPANY, Baltimore, Md.



- BANK OF AMERICA NATIONAL TRUST AND SAVINGS ASSOCIATION, San Francisco, Cal.  
BANK OF MONTREAL, Montreal, Quebec, Canada.  
BANK OF NEW YORK, New York City.  
BANK OF THE MANHATTAN COMPANY, New York City.  
BANKERS LIFE COMPANY, Des Moines, Ia.  
BANKERS TRUST COMPANY, New York City.  
BARBIZON CORPORATION, New York City.  
BARCO MANUFACTURING CO., NOT INC., Chicago, Ill.  
BARRE WOOL COMBING COMPANY, LTD., Boston, Mass.  
BARRETT ASSOCIATES INC., New York City.  
BARROW, WADE, GUTHRIE & CO., New York City.  
BARTLETT (C. O.) & SNOW COMPANY, Cleveland, O.  
BARTRAM BROTHERS CORPORATION, New York City.  
BASIC REFRACTORIES, INCORPORATED, Cleveland, O.  
BASTIAN-BLESSING COMPANY, Chicago, Ill.  
BATES MANUFACTURING COMPANY, Orange, N. J.  
BATH IRON WORKS CORPORATION, Bath, Me.  
BAUSCH & LOMB OPTICAL COMPANY, Rochester, N. Y.  
BAY CHEMICAL COMPANY, INC., New Orleans, La.  
BAYUK CIGARS, INC., Philadelphia, Pa.  
BEACON MILLING COMPANY, INC., Cayuga, N. Y.  
BEATRICE CREAMERY COMPANY, Chicago, Ill.  
BEAVER PIPE TOOLS, INC., Warren, O.  
BECTON, DICKINSON & COMPANY, East Rutherford, N. J.  
BEECH AIRCRAFT CORPORATION, Wichita, Kan.  
BEECH-NUT PACKING COMPANY, INC., Canajoharie, N. Y.  
BEHR-MANNING CORPORATION, Troy, N. Y.  
BEHREND, MRS. MARY B., Erie, Pa.  
BEKINS VAN & STORAGE COMPANY, Los Angeles, Cal.  
BELDEN BRICK COMPANY, Canton, O.  
BELDEN MANUFACTURING COMPANY, Chicago, Ill.  
BELL AIRCRAFT CORPORATION, Buffalo, N. Y.  
BELL & HOWELL COMPANY, Chicago, Ill.  
BELLE CITY MALLEABLE IRON COMPANY, Racine, Wis.  
BELNAP, L. J., Montreal, Canada.  
BELOIT IRON WORKS, Beloit, Wis.  
BEMIS BRO. BAG COMPANY, St. Louis, Mo.  
BENDINER, IRVIN, Philadelphia, Pa.  
BENDIX AVIATION CORPORATION, BENDIX PRODUCTS DIVISION, South Bend, Ind.  
BENDIX AVIATION CORPORATION, BENDIX RADIO DIVISION, Baltimore, Md.  
BENDIX AVIATION CORPORATION, ECLIPSE MACHINE DIVISION, Elmira, N. Y.  
BENDIX AVIATION CORPORATION, ECLIPSE PIONEER DIVISION, Teterboro, N. J.  
BENDIX AVIATION CORPORATION, ENGINEERING DEPARTMENT, New York City.  
BENDIX AVIATION CORPORATION, EXECUTIVE OFFICES, Detroit, Mich.  
BENDIX AVIATION CORPORATION, FRIEZ INSTRUMENT DIVISION, Baltimore, Md.  
BENDIX AVIATION CORPORATION, MARINE DIVISION, Brooklyn, N. Y.  
BENDIX AVIATION CORPORATION, PACIFIC DIVISION, North Hollywood, Cal.  
BENDIX AVIATION CORPORATION, SCINTILLA MAGNETO DIVISION, Sidney, N. Y.  
BENEDICT MFG. COMPANY, Syracuse, N. Y.  
BENJAMIN ELECTRIC MANUFACTURING COMPANY, Des Plaines, Ill.  
BENRUS WATCH COMPANY, Waterbury, Conn.  
BENTON & BOWLES, INC., New York City.



- BERDON (DAVID) & COMPANY, New York City.  
BERGER BROTHERS COMPANY, INC., New Haven, Conn.  
BERGSTROM PAPER COMPANY, Neenah, Wis.  
BERKSHIRE FINE SPINNING ASSOCIATES, INC., Providence, R. I.  
BERKSHIRE KNITTING MILLS, Reading, Pa.  
BERLAND SHOE STORES, INC., St. Louis, Mo.  
BERWIND-WHITE COAL MINING CO., Philadelphia, Pa.  
BESSEMER LIMESTONE AND CEMENT COMPANY (THE), Youngstown, O.  
BEST FOODS, INC., (THE), New York City.  
BETHLEHEM STEEL COMPANY, INC., Bethlehem, Pa.  
BETTENDORF COMPANY (THE), Bettendorf, Ia.  
BIBB MANUFACTURING COMPANY, Macon, Ga.  
BIGELOW COMPANY, New Haven, Conn.  
BIGELOW-SANFORD CARPET COMPANY, INC., New York City.  
BILL BROTHERS PUBLISHING CORPORATION, New York City.  
BINNEY & SMITH COMPANY, New York City.  
BIRD & SON, INC., East Walpole, Mass.  
BIRDSBORO STEEL FOUNDRY AND MACHINE COMPANY, Birdsboro, Pa.  
BIRMINGHAM SLAG COMPANY, Birmingham, Ala.  
BLACK-CLAWSON COMPANY, Hamilton, O.  
BLACKMER PUMP COMPANY, Grand Rapids, Mich.  
BLAW-KNOX COMPANY, Pittsburgh, Pa.  
BLISS (E. W.) COMPANY, Brooklyn, N. Y.  
BLOCH BROTHERS TOBACCO COMPANY, Wheeling, W. Va.  
BLOOMFIELD BANK AND TRUST COMPANY (THE), Bloomfield, N. J.  
BLOOMINGDALE BROS., INC., New York City.  
BLOOMSBURG MILLS, INC., Bloomsburg, Pa.  
BLUE BELL, INC., Greensboro, N. C.  
BLUE DIAMOND CORPORATION, Los Angeles, Cal.  
BLUE NETWORK COMPANY, INC., New York City.  
BLUMENTHAL (SIDNEY) & COMPANY, INC., New York City.  
BOARD OF NATIONAL MISSIONS OF THE PRESBYTERIAN CHURCH, New York City.  
BOLLMAN (GEO. W.) & CO., Adamstown, Pa.  
BOND CROWN & CORK CO., Wilmington, Del.  
BONNEY FORGE & TOOL WORKS, Allentown, Pa.  
BOOK MANUFACTURERS' INSTITUTE, INC., New York City.  
BOOK-OF-THE-MONTH CLUB, INC., New York City.  
BOOTT MILLS, Boston, Mass.  
BORDEN COMPANY, New York City.  
BORDEN MILLS, INC., New York City.  
BORG-WARNER CORPORATION, Chicago, Ill.  
BOSCH (GEORGE) & COMPANY, INC., New York City.  
BOSTON EDISON COMPANY, Boston, Mass.  
BOSTON GLOBE, Boston, Mass.  
BOSTON PUBLIC LIBRARY, Boston, Mass.  
BOSTON UNIVERSITY, BUREAU OF BUSINESS RESEARCH, Boston, Mass.  
BOSTON WIRE STITCHER COMPANY, East Greenwich, R. I.  
BOTANY WORSTED MILLS, Passaic, N. J.  
BOTWINIK BROTHERS, INCORPORATED, New Haven, Conn.  
BOWLING GREEN RUBBER COMPANY, (THE), Toledo, O.  
BRACH (E. J.) AND SONS, Chicago, Ill.  
BRADFORD DYEING ASSOCIATION (U.S.A.), Westerly, R. I.



- BRAUN CORPORATION, Los Angeles, Cal.  
BREEZE CORPORATION, Inc., Newark, N. J.  
BRENNEMAN (THE CHARLES W.) COMPANY, Cincinnati, O.  
BREWER-TITCHENER CORPORATION (THE), Cortland, N. Y.  
BREWERS BOARD OF TRADE, Inc., New York City.  
BRIDGEPORT BRASS COMPANY, Bridgeport, Conn.  
BRIDGEPORT PUBLIC LIBRARY AND READING ROOM, Bridgeport, Conn.  
BRIGGS MANUFACTURING COMPANY, Detroit, Mich.  
BRISTOL BRASS CORPORATION, Bristol, Conn.  
BRISTOL COMPANY, Waterbury, Conn.  
BRISTOL-MYERS COMPANY, New York City.  
BROAD BROOK COMPANY, Broad Brook, Conn.  
BROADWAY DEPARTMENT STORE, Inc., Los Angeles, Cal.  
BROMPTON PULP & PAPER COMPANY, LIMITED, East Angus, Quebec, Canada.  
BROOKLYN BOROUGH GAS COMPANY, Brooklyn, N. Y.  
BROOKLYN CHAMBER OF COMMERCE, Brooklyn, N. Y.  
BROOKLYN EDISON COMPANY, Inc., Brooklyn, N. Y.  
BROOKLYN PUBLIC LIBRARY, Brooklyn, N. Y.  
BROOKLYN TRUST COMPANY, Brooklyn, N. Y.  
BROOKLYN UNION GAS COMPANY, Brooklyn, N. Y.  
BROTHERHOOD OF MAINTENANCE OF WAY EMPLOYEES, Detroit, Mich.  
BROTHERHOOD OF RAILWAY & STEAMSHIP CLERKS, FREIGHT HANDLERS, EXPRESS  
AND STATION EMPLOYEES, Cincinnati, O.  
BROTHERTON (FRED J.), Inc., Hackensack, N. J.  
BROWN BROTHERS HARRIMAN & COMPANY, New York City.  
BROWN FENCE & WIRE COMPANY, Cleveland, O.  
BROWN & SHARPE MFG. Co., Providence, R. I.  
BROWN UNIVERSITY LIBRARY, Providence, R. I.  
BRUCK SILK MILLS, LTD., Montreal, Quebec, Canada.  
BRUNDAGE, STORY AND ROSE, New York City.  
BRUNSWICK-BALKE-COLLENDER COMPANY, Muskegon, Mich.  
BRUNSWICK PULP & PAPER COMPANY, Brunswick, Ga.  
BRYANT HEATER COMPANY, Cleveland, O.  
BUCKEYE FOUNDRY COMPANY, Cincinnati, O.  
BUCKEYE LIGHT & POWER COMPANY, Greenville, O.  
BUCKEYE STEEL CASTINGS COMPANY, Columbus, O.  
BUCYRUS-ERIE COMPANY, South Milwaukee, Wis.  
BUDA COMPANY, Harvey, Ill.  
BUDD (EDWARD G.) MANUFACTURING COMPANY, Philadelphia, Pa.  
BUFFALO CHAMBER OF COMMERCE, Buffalo, N. Y.  
BUFFALO FIRE APPLIANCE CORPORATION, Buffalo, N. Y.  
BUFFALO FOUNDRY AND MACHINE COMPANY, Buffalo, N. Y.  
BUFFALO-SPRINGFIELD ROLLER COMPANY, Springfield, O.  
BULLARD COMPANY, Bridgeport, Conn.  
BULLOCK (CALVIN), New York City.  
BUNKER HILL & SULLIVAN MINING AND CONCENTRATING COMPANY, Kellogg, Id.  
BUNTING BRASS & BRONZE COMPANY, Toledo, O.  
BUREAU OF INFORMATION OF THE EASTERN RAILWAYS, New York City.  
BUREAU OF NATIONAL AFFAIRS, Inc., Washington, D. C.  
BURKE ELECTRIC COMPANY, Erie, Pa.  
BURLINGTON MILLS CORPORATION OF NEW YORK, New York City.  
BURNDY ENGINEERING COMPANY, Inc., New York City.



- BURNS (JABEZ) & SONS, INC., New York City.  
BURROUGHS ADDING MACHINE COMPANY, Detroit, Mich.  
BUTLER BROS., St. Paul, Minn.  
BUTLER BROTHERS, Chicago, Ill.  
BUTTERICK COMPANY (THE), INC., New York City.  
BYERS (A. M.) COMPANY, Pittsburgh, Pa.  
BYERS MACHINE COMPANY (THE), Ravena, O.  
BYOIR (CARL) & ASSOCIATES, INC., New York City.  
BYRNES & BAKER, New York City.
- CABOT (GODFREY L.), INC., Boston, Mass.  
CADILLAC MALLEABLE IRON COMPANY, Cadillac, Mich.  
CAHILL, GORDON, ZACHRY & REINDEL, New York City.  
CALIFORNIA BARREL COMPANY, LTD., San Francisco, Cal.  
CALIFORNIA COTTON OIL CORPORATION, Los Angeles, Cal.  
CALIFORNIA AND HAWAIIAN SUGAR REFINING CORPORATION, LTD., San Francisco, Cal.  
CALIFORNIA INSTITUTE OF TECHNOLOGY, Pasadena, Cal.  
CALIFORNIA PACKING CORPORATION, San Francisco, Cal.  
CALIFORNIA (STATE OF), DIVISION OF LABOR STATISTICS AND LAW ENFORCEMENT, San Francisco, Cal.  
CALIFORNIA STATE CHAMBER OF COMMERCE, San Francisco, Cal.  
CALIFORNIA STATE LIBRARY, Sacramento, Cal.  
CALLAWAY MILLS, La Grange, Ga.  
CALLITE TUNGSTEN CORPORATION, Union City, N. J.  
CAMBRIDGE INSTRUMENT COMPANY, INC., New York City.  
CAMDEN FORGE COMPANY, Camden, N. J.  
CAMFIELD MANUFACTURING COMPANY, Grand Haven, Mich.  
CAMPBELL-EWALD COMPANY, INC., New York City.  
CAMPBELL SOUP COMPANY, Camden, N. J.  
CAMPBELL, WYANT & CANNON FOUNDRY COMPANY, Muskegon, Mich.  
CANADA DRY GINGER ALE, INCORPORATED, New York City.  
CANADIAN BREWERIES LIMITED, Toronto, Ontario, Canada.  
CANADIAN INDUSTRIES LIMITED, Montreal, Canada.  
CANADIAN MANUFACTURERS ASSOCIATION, INC., Toronto, Canada.  
CANADIAN OIL COMPANIES, LIMITED, Petrolia, Ontario, Canada.  
CANADIAN PACIFIC RAILWAY COMPANY, Montreal, Canada.  
CANFIELD (M. C.) SONS, Newark, N. J.  
CANTON CHAMBER OF COMMERCE (THE), Canton, O.  
CANTON COTTON MILLS, Canton, Ga.  
CANTON PUBLIC LIBRARY ASSOCIATION, Canton, O.  
CAPEWELL MANUFACTURING COMPANY, Hartford, Conn.  
CAPITAL TRANSIT COMPANY, Washington, D. C.  
CARBORUNDUM COMPANY, Niagara Falls, N. Y.  
CARGILL, INCORPORATED, Minneapolis, Minn.  
CARLTON LAMP CORPORATION, Newark, N. J.  
CARNATION COMPANY, Seattle, Wash.  
CARNEGIE CORPORATION OF NEW YORK, New York City  
CARNEGIE INSTITUTE OF TECHNOLOGY, Pittsburgh, Pa.  
CARNEGIE LIBRARY OF PITTSBURGH, Pittsburgh, Pa.  
CARPENTER STEEL COMPANY, Reading, Pa.  
CARRIER CORPORATION, Syracuse, N. Y.



CARTER COAL COMPANY, New York City.  
CARTER (THE WILLIAM) COMPANY, Needham Heights, Mass.  
CARTHAGE MILLS INCORPORATED, Cincinnati, O.  
CASE (J. I.) COMPANY, Racine, Wis.  
CASTLE & COOKE, LIMITED, Honolulu, Hawaii.  
CASTLE & COOKE TERMINALS, LIMITED, Honolulu, T. H.  
CATERPILLAR TRACTOR CO., Peoria, Ill.  
CATES, DUDLEY, Chicago, Ill.  
CATLIN FARISH COMPANY, INC., New York City.  
CAYUGA ROCK SALT COMPANY, INC., Myers, N. Y.  
CELANESE CORPORATION OF AMERICA, New York City.  
CENTRAL HANOVER BANK AND TRUST COMPANY, New York City.  
CENTRAL HUDSON GAS & ELECTRIC CORPORATION, Poughkeepsie, N. Y.  
CENTRAL NATIONAL BANK OF CLEVELAND, Cleveland, O.  
CENTRAL PENNSYLVANIA COAL PRODUCERS' ASSOCIATION, Altoona, Pa.  
CENTRAL POWER AND LIGHT COMPANY, Corpus Christi, Tex.  
CENTRAL TRUST COMPANY, Cincinnati, O.  
CENTURY ELECTRIC COMPANY, St. Louis, Mo.  
CERTAIN-TEED PRODUCTS CORPORATION, PANTEX ORDNANCE PLANT, Amarillo, Tex.  
CESSNA AIRCRAFT COMPANY, Wichita, Kan.  
CHAIN BELT COMPANY, Milwaukee, Wis.  
CHAMBER OF COMMERCE AND BOARD OF TRADE OF PHILADELPHIA, Philadelphia, Pa.  
CHAMBER OF COMMERCE OF THE UNITED STATES OF AMERICA, Washington, D. C.  
CHAMPION LAMP WORKS, INC., Lynn, Mass.  
CHAMPION PAPER AND FIBRE COMPANY, Hamilton, O.  
CHAMPION SPARK PLUG COMPANY, Toledo, O.  
CHANDLER-EVANS CORPORATION, South Meriden, Conn.  
CHAPMAN VALVE MANUFACTURING COMPANY, Indian Orchard, Mass.  
CHARIS CORPORATION, Allentown, Pa.  
CHASE BAG COMPANY, New York City.  
CHASE CANDY COMPANY, St. Joseph, Mo.  
CHASE NATIONAL BANK, New York City.  
CHATTANOOGA MEDICINE COMPANY, Chattanooga, Tenn.  
CHEMICAL BANK & TRUST COMPANY, New York City.  
CHEMICAL PRODUCTS CORPORATION, Lockland, O.  
CHEMICAL RUBBER COMPANY (THE), Cleveland, O.  
CHENEY BROTHERS, South Manchester, Conn.  
CHERRY-BURRELL CORPORATION, Chicago, Ill.  
CHESAPEAKE AND OHIO RAILWAY COMPANY, Cleveland, O.  
CHESEBROUGH MANUFACTURING COMPANY, CONS'D, New York City.  
CHICAGO ASSOCIATION OF COMMERCE (THE), Chicago, Ill.  
CHICAGO BRIDGE & IRON COMPANY, Chicago, Ill.  
CHICAGO, BURLINGTON & QUINCY RAILROAD COMPANY, Chicago, Ill.  
CHICAGO EXTRUDED METALS COMPANY, Cicero, Ill.  
CHICAGO FLEXIBLE SHAFT COMPANY, Chicago, Ill.  
CHICAGO HARDWARE FOUNDRY COMPANY, North Chicago, Ill.  
CHICAGO JOURNAL OF COMMERCE, Chicago, Ill.  
CHICAGO METAL HOSE CORPORATION, Maywood, Ill.  
CHICAGO PUBLIC LIBRARY, Chicago, Ill.  
CHICAGO RAILWAY EQUIPMENT COMPANY, Chicago, Ill.  
CHICAGO SURFACE LINES, Chicago, Ill.  
CHICAGO TITLE & TRUST COMPANY, Chicago, Ill.



CHICAGO TRANSFORMER CORPORATION, Chicago, Ill.  
CHILDS (C. F.) AND COMPANY, Chicago, Ill.  
CHILE EXPLORATION COMPANY, New York City.  
CHILTON COMPANY, Philadelphia, Pa.  
CHRYSLER CORPORATION, Detroit, Mich.  
CIBA PHARMACEUTICAL PRODUCTS, INC., Summit, N. J.  
CINCINNATI BICKFORD TOOL COMPANY, Cincinnati, O.  
CINCINNATI BRANCH—NATIONAL METAL TRADES ASSOCIATION, Cincinnati, O.  
CINCINNATI CHEMICAL WORKS, INC., Cincinnati, O.  
CINCINNATI COFFIN COMPANY (THE), Cincinnati, O.  
CINCINNATI INDUSTRIES INC., Lockland, O.  
CINCINNATI MILLING MACHINE COMPANY, Cincinnati, O.  
CINCINNATI PLANER COMPANY, Cincinnati, O.  
CINCINNATI STREET RAILWAY COMPANY, Cincinnati, O.  
CITIZENS BUDGET COMPANY OF YOUNGSTOWN, OHIO, INC., Youngstown, O.  
CITY BAKING COMPANY, Baltimore, Md.  
CITY NATIONAL BANK AND TRUST COMPANY, Chicago, Ill.  
CITY PUBLIC SERVICE BOARD, San Antonio, Tex.  
CITY STORES COMPANY, Philadelphia, Pa.  
CLARK BROS. COMPANY, INC., Olean, N. Y.  
CLARK CONTROLLER COMPANY, (THE), Cleveland, O.  
CLEVELAND CHAMBER OF COMMERCE, Cleveland, O.  
CLEVELAND-CLIFFS IRON COMPANY, Cleveland, O.  
CLEVELAND ELECTRIC ILLUMINATING COMPANY, Cleveland, O.  
CLEVELAND GRAPHITE BRONZE COMPANY, Cleveland, O.  
CLEVELAND HOBGING MACHINE COMPANY, Cleveland, O.  
CLEVELAND PNEUMATIC TOOL COMPANY, Cleveland, O.  
CLEVELAND PUBLIC LIBRARY, Cleveland, O.  
CLEVELAND STEEL PRODUCTS CORPORATION, Cleveland, O.  
CLEVELAND TRACTOR COMPANY, Cleveland, O.  
CLEVELAND TRUST COMPANY, Cleveland, O.  
CLEVELAND TWIST DRILL COMPANY, Cleveland, O.  
CLIFTON PAPER BOARD COMPANY, INC., Clifton, N. J.  
CLIMAX MOLYBDENUM COMPANY, New York City.  
CLOPAY CORPORATION, Cincinnati, O.  
CLOVERDALE SPRING COMPANY, Baltimore, Md.  
CLOW (JAMES B.) & SONS, Chicago, Ill.  
CLUETT, PEABODY & COMPANY, INC., Troy, N. Y.  
CLYDE IRON WORKS, INC., Duluth, Minn.  
COCA-COLA COMPANY, Atlanta, Ga.  
COHEN GOLDMAN & COMPANY, INC., New York City.  
COLEMAN LAMP AND STOVE COMPANY, Wichita, Kan.  
COLGATE-PALMOLIVE-PEET COMPANY, Jersey City, N. J.  
COLGATE UNIVERSITY LIBRARY, Hamilton, N. Y.  
COLLEGE OF THE CITY OF NEW YORK, New York City.  
COLLINS & AIKMAN CORPORATION, New York City.  
COLORADO EMPLOYERS COUNCIL, INC., Denver, Colo.  
COLORADO FUEL AND IRON CORPORATION, Denver, Colo.  
COLT'S PATENT FIRE ARMS MANUFACTURING COMPANY, Hartford, Conn.  
COLUMBIA AIRCRAFT CORPORATION, Valley Stream, N. Y.  
COLUMBIA BROADCASTING SYSTEM, INC., New York City.  
COLUMBIA GAS & ELECTRIC CORPORATION, New York City.



COLUMBIAN ROPE COMPANY, Auburn, N. Y.  
COLUMBUS AND SOUTHERN OHIO ELECTRIC COMPANY, Columbus, O.  
COLUMBUS BOLT WORKS COMPANY, Columbus, O.  
COLUMBUS COATED FABRICS CORPORATION, Columbus, O.  
COLUMBUS MCKINNON CHAIN CORPORATION, Tonawanda, N. Y.  
COMBUSTION ENGINEERING COMPANY, Inc., New York City.  
COMMERCE AND INDUSTRY ASSOCIATION OF NEW YORK, Inc., New York City.  
COMMERCIAL CREDIT COMPANY, Baltimore, Md.  
COMMERCIAL INVESTMENT TRUST CORPORATION, New York City.  
COMMERCIAL NATIONAL BANK AND TRUST COMPANY OF NEW YORK, New York City.  
COMMERCIAL SOLVENTS CORPORATION, New York City.  
COMMONWEALTH EDISON COMPANY, Chicago, Ill.  
COMMONWEALTH & SOUTHERN CORPORATION, New York City.  
COMMONWEALTH TELEPHONE CORPORATION, North Manchester, Ind.  
CONDÉ NAST PUBLICATIONS, Inc., New York City.  
CONE EXPORT & COMMISSION COMPANY, New York City.  
CONGOLEUM-NAIRN Inc., Kearny, N. J.  
CONGRESS OF INDUSTRIAL ORGANIZATIONS, Washington, D. C.  
CONKEY (W. B.) COMPANY, Hammond, Ind.  
CONN (C. G.) LTD., Elkhart, Ind.  
CONNECTICUT ECONOMIC COUNCIL, Inc., Hartford, Conn.  
CONNECTICUT GENERAL LIFE INSURANCE COMPANY, Hartford, Conn.  
CONNECTICUT LIGHT & POWER COMPANY, Hartford, Conn.  
CONNECTICUT MUTUAL LIFE INSURANCE COMPANY (THE), Hartford, Conn.  
CONNECTICUT POWER COMPANY, New London, Conn.  
CONNECTICUT STATE LIBRARY, Hartford, Conn.  
CONOVER-MAST CORPORATION, New York City.  
CONSOLIDATED CAR-HEATING COMPANY, Inc., Albany, N. Y.  
CONSOLIDATED COPPERMINES CORPORATION, New York City.  
CONSOLIDATED EDISON COMPANY OF NEW YORK, Inc., New York City.  
CONSOLIDATED GAS ELECTRIC LIGHT AND POWER COMPANY OF BALTIMORE, Baltimore, Md.  
CONSOLIDATED MACHINE TOOL CORPORATION, Rochester, N. Y.  
CONSOLIDATED MINING AND SMELTING COMPANY OF CANADA LIMITED, Montreal, Canada.  
CONSOLIDATED NATURAL GAS COMPANY, New York City.  
CONSOLIDATED SHIPBUILDING CORPORATION, Morris Heights, New York City.  
CONSOLIDATED STEEL CORPORATION, LTD., Los Angeles, Cal.  
CONSOLIDATED VULTEE AIRCRAFT CORPORATION, SAN DIEGO DIVISION, San Diego, Cal.  
CONSUMERS' GAS COMPANY OF TORONTO (THE), Toronto, Ontario, Canada.  
CONSUMERS POWER COMPANY, Jackson, Mich.  
CONSUMERS PUBLIC POWER DISTRICT, Columbus, Neb.  
CONTINENTAL BAKING COMPANY, Inc., New York City.  
CONTINENTAL CAN COMPANY, Inc., New York City.  
CONTINENTAL-DIAMOND FIBRE COMPANY, Newark, Del.  
CONTINENTAL FOUNDRY & MACHINE COMPANY, East Chicago, Ind.  
CONTINENTAL ILLINOIS NATIONAL BANK AND TRUST COMPANY OF CHICAGO, Chicago, Ill.  
CONTINENTAL INSURANCE COMPANY, New York City.  
CONTINENTAL MILLS, Inc., Philadelphia, Pa.  
CONTINENTAL MOTORS CORPORATION, Muskegon, Mich.  
CONTINENTAL PAPER COMPANY, Ridgefield Park, N. J.



- CONTINENTAL SCREW COMPANY, New Bedford, Mass.  
CONTROL INSTRUMENT COMPANY, INC., Brooklyn, N. Y.  
COOPER-BESSEMER CORPORATION, Mt. Vernon, O.  
COORS (ADOLPH) COMPANY, Golden, Colo.  
COPPER & BRASS RESEARCH ASSOCIATION, New York City.  
COPPERWELD STEEL COMPANY, Glassport, Pa.  
COPYRIGHT PROTECTION BUREAU, New York City.  
CORDAGE, INCORPORATED, Chicago, Ill.  
CORN EXCHANGE NATIONAL BANK & TRUST COMPANY, Philadelphia, Pa.  
CORN INDUSTRIES RESEARCH FOUNDATION, New York City.  
CORNELL-DUBILIER ELECTRIC CORPORATION, South Plainfield, N. J.  
CORNELL WOOD PRODUCTS COMPANY, Chicago, Ill.  
CORNING GLASS WORKS, Corning, N. Y.  
CORSET AND BRASSIERE ASSOCIATION OF AMERICA, New York City.  
COTTON TEXTILE INSTITUTE, INC., New York City.  
COTY, INC., New York City.  
COVERDALE & COLPITTS, New York City.  
COWLES, ALFRED, Chicago, Ill.  
CRACKER JACK CO. (THE), Chicago, Ill.  
CRAMERTON MILLS, INCORPORATED, Cramerton, N. C.  
CRAMP SHIPBUILDING COMPANY, Philadelphia, Pa.  
CRANE COMPANY, Chicago, Ill.  
CRANSTON PRINT WORKS COMPANY, Cranston, R. I.  
CRERAR (JOHN) LIBRARY, Chicago, Ill.  
CRESCENT INSULATED WIRE AND CABLE COMPANY, INC., Trenton, N. J.  
CRESCENT TOOL COMPANY, Jamestown, N. Y.  
CRIBBEN AND SEXTON COMPANY, Chicago, Ill.  
CROCKER, BURBANK & CO., ASSN., Fitchburg, Mass.  
CROMPTON COMPANY, West Warwick, R. I.  
CROMPTON & KNOWLES LOOM WORKS, Worcester, Mass.  
CRONAME, INC., Chicago, Ill.  
CROSLEY CORPORATION (THE), Cincinnati, O.  
CROUSE-HINDS COMPANY, Syracuse, N. Y.  
CROWN ZELLERBACH CORPORATION, San Francisco, Cal.  
CRUCIBLE STEEL COMPANY OF AMERICA, New York City.  
CRYSTAL TISSUE COMPANY, Middletown, O.  
CUDAHY BROTHERS COMPANY, Cudahy, Wis.  
CUDAHY PACKING COMPANY, Chicago, Ill.  
CUNNINGHAM, ELMER T., Del Monte, Cal.  
CUNO ENGINEERING CORPORATION, Meriden, Conn.  
CUPPLES COMPANY, St. Louis, Mo.  
CURTIS COMPANIES INCORPORATED, Clinton, Iowa.  
CURTIS 1000 INC., St. Paul, Minn.  
CURTIS MANUFACTURING COMPANY, St. Louis, Mo.  
CURTIS PUBLISHING COMPANY, Philadelphia, Pa.  
CURTISS-WRIGHT CORPORATION, AIRPLANE DIVISION, Buffalo, N. Y.  
CURTISS-WRIGHT CORPORATION, PROPELLER DIVISION, Caldwell, N. J.  
CUSHMAN CHUCK COMPANY, Hartford, Conn.  
CUSHMAN'S SONS, INC., New York City.  
CUTLER-HAMMER, INC., Milwaukee, Wis.  
CUTLER-MAGNER COMPANY, Duluth, Minn.



DAHLSTROM METALLIC DOOR COMPANY, Jamestown, N. Y.  
DALLAS POWER & LIGHT COMPANY, Dallas, Tex.  
DAVIES (THEO. H.) & COMPANY, LTD., Honolulu, Hawaii.  
DAVISON CHEMICAL CORPORATION, Baltimore, Md.  
DAYOL RUBBER COMPANY, Providence, R. I.  
DAY & ZIMMERMANN, INC., New York City.  
DAYTON CHAMBER OF COMMERCE, Dayton, O.  
DAYTON POWER AND LIGHT COMPANY, Dayton, O.  
DAYTON PUBLIC LIBRARY, Dayton, O.  
DAYTON RUBBER MANUFACTURING COMPANY, Dayton, O.  
DAYTON STEEL FOUNDRY COMPANY, Dayton, O.  
DEAN BROTHERS PUMPS, INC., Indianapolis, Ind.  
DEARBORN CHEMICAL COMPANY, Chicago, Ill.  
DEERE & COMPANY, Moline, Ill.  
DEERING MILLIKEN & COMPANY, INC., New York City.  
DEFENDER PHOTO SUPPLY COMPANY, INC., Rochester, N. Y.  
DELAFIELD & DELAFIELD, New York City.  
DE LA MARE (A. T.) COMPANY, INC., New York City.  
DE LAVAL SEPARATOR COMPANY, New York City.  
DE LAVAL STEAM TURBINE COMPANY, Trenton, N. J.  
DELAWARE AND HUDSON RAILROAD CORPORATION, New York City.  
DELAWARE RAYON COMPANY, New Castle, Del.  
DENNIS (MARTIN) COMPANY, Newark, N. J.  
DENNISON MANUFACTURING COMPANY, Framingham, Mass.  
DENTISTS' SUPPLY COMPANY OF NEW YORK (THE), New York City.  
DENVER PUBLIC LIBRARY, Denver, Colo.  
DENVER TRAMWAY CORPORATION, Denver, Colo.  
DETROIT BOARD OF COMMERCE, Detroit, Mich.  
DETROIT EDISON COMPANY, Detroit, Mich.  
DETROIT GASKET & MANUFACTURING COMPANY, Detroit, Mich.  
DETROIT HARVESTER COMPANY, Detroit, Mich.  
DETROIT-MICHIGAN STOVE COMPANY, Detroit, Mich.  
DETROIT STEEL CASTING COMPANY, Detroit, Mich.  
DETROIT STEEL PRODUCTS COMPANY, Detroit, Mich.  
DEUTSCH COMPANY (THE), Los Angeles, Cal.  
DE VILBISS COMPANY, Toledo, O.  
DE VRY CORPORATION, Chicago, Ill.  
DEWEY AND ALMY CHEMICAL COMPANY, Cambridge, Mass.  
DEXTER FOLDER COMPANY, Pearl River, N. Y.  
DIAMOND ALKALI COMPANY, Pittsburgh, Pa.  
DIAMOND CHAIN & MANUFACTURING COMPANY, Indianapolis, Ind.  
DIAMOND MATCH COMPANY, New York City.  
DIAMOND POWER SPECIALTY CORPORATION, Detroit, Mich.  
DICK (A. B.) COMPANY, Chicago, Ill.  
DICK & MERLE-SMITH, New York City.  
DICKEY (W. J.) & SONS, INC., Oella, Md.  
DICTAPHONE CORPORATION, Bridgeport, Conn.  
DIEBOLD, INCORPORATED, Canton, O.  
DIEGES & CLUST, New York City.  
DIETZGEN (EUGENE) COMPANY, Chicago, Ill.  
DILL MANUFACTURING COMPANY, Cleveland, O.  
DIME SAVINGS BANK OF BROOKLYN, Brooklyn, N. Y.  
DISSTON (HENRY) & SONS, INC., Philadelphia, Pa.



DITTO, INCORPORATED, Chicago, Ill.  
DIXON (JOSEPH) CRUCIBLE COMPANY, Jersey City, N. J.  
DOBECKMUN COMPANY (THE), Cleveland, O.  
DODGE STEEL COMPANY, Philadelphia, Pa.  
DOEHLE-JARVIS CORPORATION, New York City.  
DOMINION BREWERS ASSOCIATION, Montreal, Quebec, Canada.  
DOMINION STEEL & COAL CORPORATION, LIMITED, Sydney, Nova Scotia, Canada.  
DOMMERICH (L. F.) & COMPANY, New York City.  
DONALD, MALCOLM, Boston, Mass.  
DONALDSON COMPANY, INC., St. Paul, Minn.  
DONNELL, G. T., New York City.  
DONNELLEY (R. R.) & SONS COMPANY, Chicago, Ill.  
DONNELLY (THOS. B.) Boston, Mass.  
DORFMAN (GEORGE J.) & COMPANY, Gloversville, N. Y.  
DORR COMPANY, INC., New York City.  
DOUGHNUT CORPORATION OF AMERICA, Ellicott City, Md.  
DOUGLAS AIRCRAFT COMPANY, INC., Santa Monica, Cal.  
DOW CHEMICAL COMPANY, Midland, Mich.  
DOWNING BOX COMPANY, Milwaukee, Wis.  
DOWNTOWN MANUFACTURING COMPANY, Downingtown, Pa.  
DOYLE, BERNARD W., Leominster, Mass.  
DRACKETT COMPANY, Cincinnati, O.  
DRAYO CORPORATION, Pittsburgh, Pa.  
DRAYTON MILLS, Spartanburg, S. C.  
DRESSER INDUSTRIES, INC., Cleveland, O.  
DREW UNIVERSITY, Madison, N. J.  
DUGAN BROTHERS OF NEW JERSEY, INC., Newark, N. J.  
DUKE UNIVERSITY LIBRARY, Durham, N. C.  
DUN & BRADSTREET, INC., New York City.  
DUNCAN ELECTRIC MANUFACTURING COMPANY, Lafayette, Ind.  
DUNLAP, CHARLES E., New York City.  
DUNN AND MCCARTHY, INC., Auburn, N. Y.  
DUNN SULPHITE PAPER COMPANY, Port Huron, Mich.  
DUPLAN CORPORATION (THE), New York City.  
DU PONT (E. I.) DE NEMOURS & COMPANY, INCORPORATED, Wilmington, Del.  
DU PONT, IRÉNÉE, Wilmington, Del.  
DU PONT, LAMMOT, Wilmington, Del.  
DURFEE (B. M. C.) TRUST COMPANY, Fall River, Mass.  
DURIRON COMPANY, INC., Dayton, O.

EAGLE KNITTING MILLS, INC., Milwaukee, Wis.  
EAGLE-OTTAWA LEATHER COMPANY, Grand Haven, Mich.  
EAGLE PENCIL COMPANY, INC., New York City.  
EAGLE-PICHER LEAD COMPANY, Cincinnati, O.  
EAST BAY MUNICIPAL UTILITY DISTRICT, Oakland, Cal.  
EASTERN AIR LINES, INC., New York City.  
EASTERN CORPORATION, Bangor, Me.  
EASTERN RAILROAD PRESIDENTS CONFERENCE—COMMITTEE ON PUBLIC RELATIONS,  
New York City.  
EASTERN SPECIALTY COMPANY (THE), Philadelphia, Pa.  
EASTMAN KODAK COMPANY, Rochester, N. Y.  
EASTWOOD-NEALLEY CORPORATION, Belleville, N. J.



EASY WASHING MACHINE CORPORATION, Syracuse, N. Y.  
EATON MANUFACTURING COMPANY, Cleveland, O.  
EAVENSON & LEVERING Co., Camden, N. J.  
EBASCO SERVICES INCORPORATED, New York City.  
ECONOMY GROCERY STORES CORPORATION, Boston, Mass.  
EDDY PAPER CORPORATION, Milwaukee, Wis.  
EDGEWATER STEEL COMPANY, Pittsburgh, Pa.  
EDIE (LIONEL D.) & COMPANY, INC., New York City.  
EDISON ELECTRIC INSTITUTE, New York City.  
EDISON GENERAL ELECTRIC APPLIANCE COMPANY, INC., Chicago, Ill.  
EDISON (THOMAS A.), INCORPORATED, West Orange, N. J.  
EDLUND, ROSCOE C., New York City.  
EDMONDS, FRANKLIN S., Philadelphia, Pa.  
EDNAL COMPANY (THE), INC., New York City.  
EDWARDS AND COMPANY, INC., Norwalk, Conn.  
EDWARDS (E. W.) & SON, Syracuse, N. Y.  
EGRY REGISTER COMPANY, Dayton, O.  
EISNER & LUBIN, New York City.  
ELASTIC STOP NUT CORPORATION OF AMERICA, Union, N. J.  
ELECTRIC AUTO-LITE COMPANY, Toledo, O.  
ELECTRIC BOAT COMPANY, Groton, Conn.  
ELECTRIC STORAGE BATTERY COMPANY, Philadelphia, Pa.  
ELECTRICAL TESTING LABORATORIES, INC., New York City.  
ELECTRO REFRACTORIES AND ALLOYS CORPORATION, Buffalo, N. Y.  
ELECTROL INCORPORATED, Kingston, N. Y.  
ELECTROLUX CORPORATION, New York City.  
ELGIN NATIONAL WATCH COMPANY, Elgin, Ill.  
ELKAN, BENNO, New York City.  
ELLICOTT MACHINE CORPORATION, Baltimore, Md.  
ELLIOTT COMPANY, Jeannette, Pa.  
ELLWOOD CITY FORGE COMPANY, Ellwood City, Pa.  
ELWELL-PARKER ELECTRIC COMPANY (THE), Cleveland, O.  
EMERSON RADIO & PHONOGRAPH CORPORATION, New York City.  
EMERY'S (THOMAS) SONS, INC., Cincinnati, O.  
EMPIRE TRUST COMPANY, New York City.  
EMPLOYERS' ASSOCIATION OF DETROIT, Detroit, Mich.  
EMPLOYERS ASSOCIATION OF GRAND RAPIDS, Grand Rapids, Mich.  
EMPLOYERS' ASSOCIATION OF MILWAUKEE, Milwaukee, Wis.  
EMPLOYERS ASSOCIATION OF NORTH JERSEY, Newark, N. J.  
EMPLOYERS MUTUAL LIABILITY INSURANCE COMPANY, Wausau, Wis.  
EMPORIUM (THE), San Francisco, Cal.  
ENDICOTT JOHNSON CORPORATION, Endicott, N. Y.  
ENGELHARD (CHARLES), INC., New York City.  
ENGINEERS PUBLIC SERVICE COMPANY, INC., New York City.  
ENSIGN-BICKFORD COMPANY, Simsbury, Conn.  
ENTERPRISE ALUMINUM COMPANY (THE), Massillon, O.  
ENTERPRISE ENGINE & FOUNDRY COMPANY, San Francisco, Cal.  
ENTERPRISE WHEEL & CAR CORPORATION, Bristol, Va.  
EQUITABLE LIFE ASSURANCE SOCIETY OF THE UNITED STATES, New York City.  
EQUITABLE LIFE INSURANCE COMPANY OF IOWA, Des Moines, Ia.  
EQUITABLE POWDER MANUFACTURING COMPANY, East Alton, Ill.  
ERIE CITY IRON WORKS, Erie, Pa.



- ERIE MALLEABLE IRON COMPANY, Erie, Pa.  
ERIE RAILROAD COMPANY, Cleveland, O.  
ERIE RESISTOR CORPORATION, Erie, Pa.  
ERL CORPORATION, Jersey City, N. J.  
ERNST & ERNST, Cleveland, O.  
ERWIN COTTON MILLS COMPANY, Durham, N. C.  
ESLEECK MANUFACTURING COMPANY, Turners Falls, Mass.  
ESTATE STOVE COMPANY, Hamilton, O.  
ESTERBROOK STEEL PEN MANUFACTURING COMPANY (THE), Camden, N. J.  
ETHYL CORPORATION, New York City.  
ETTINGER, VIRGIL P., New York City.  
EUREKA SPECIALTY PRINTING COMPANY, Scranton, Pa.  
EVERSHARP, INC., Chicago, Ill.  
EWING-VON ALLMEN DAIRY COMPANY, Louisville, Ky.  
EX-CELL-O CORPORATION, Detroit, Mich.  
EXOLON COMPANY (THE), Tonawanda, N. Y.
- FABER (EBERHARD) PENCIL COMPANY, Brooklyn, N. Y.  
FAFNIR BEARING COMPANY, New Britain, Conn.  
FAIRBANKS, MORSE & COMPANY, Beloit, Wis.  
FAIRCHILD CAMERA AND INSTRUMENT CORPORATION, Jamaica, N. Y.  
FAIRCHILD ENGINE AND AIRPLANE CORPORATION, New York City.  
FAIRFIELD MANUFACTURING COMPANY, Lafayette, Ind.  
FAIRMONT RAILWAY MOTORS, INC., Fairmont, Minn.  
FALK CORPORATION, Milwaukee, Wis.  
FARLEY & LOETSCHER MFG. CO., Dubuque, Iowa.  
FARMERS DEPOSIT NATIONAL BANK, Pittsburgh, Pa.  
FARMERS AND MERCHANTS NATIONAL BANK OF LOS ANGELES, Los Angeles, Cal.  
FARREL-BIRMINGHAM COMPANY, INC., Ansonia, Conn.  
FARRINGTON MANUFACTURING COMPANY, Boston, Mass.  
FEDDERS MANUFACTURING COMPANY, Buffalo, N. Y.  
FEDERAL CARTRIDGE CORPORATION, Minneapolis, Minn.  
FEDERAL GLASS COMPANY, Columbus, O.  
FEDERAL-MOGUL CORPORATION, Detroit, Mich.  
FEDERAL MOTOR TRUCK COMPANY, Detroit, Mich.  
FEDERAL RESERVE BANK OF ATLANTA, Atlanta, Ga.  
FEDERAL RESERVE BANK OF BOSTON, Boston, Mass.  
FEDERAL RESERVE BANK OF CHICAGO, Chicago, Ill.  
FEDERAL RESERVE BANK OF CLEVELAND, Cleveland, O.  
FEDERAL RESERVE BANK OF DALLAS, Dallas, Tex.  
FEDERAL RESERVE BANK OF KANSAS CITY, Kansas City, Mo.  
FEDERAL RESERVE BANK OF NEW YORK, New York City.  
FEDERAL RESERVE BANK OF PHILADELPHIA, Philadelphia, Pa.  
FEDERAL RESERVE BANK OF RICHMOND, Richmond, Va.  
FEDERAL RESERVE BANK OF ST. LOUIS, St. Louis, Mo.  
FEDERAL TELEPHONE AND RADIO CORPORATION, Newark, N. J.  
FEDERATION OF GLASS, CERAMIC AND SILICA SAND WORKERS OF AMERICA, Columbus, O.  
FEINER (P.) & SONS, INC., New York City.  
FELL (WM. F.) COMPANY, Philadelphia, Pa.  
FELLOWS GEAR SHAPER COMPANY, Springfield, Vt.  
FELS & COMPANY, Philadelphia, Pa.



FELT & TARRANT MANUFACTURING COMPANY, Chicago, Ill.  
FENN COLLEGE, Cleveland, O.  
FERGUSON, H. G., Fairfield, Ill.  
FERGUSON (HARRY), INC., Dearborn, Mich.  
FERRY-MORSE SEED Co., Detroit, Mich.  
FIBREBOARD PRODUCTS INC., San Francisco, Cal.  
FIDELITY UNION TRUST COMPANY, Newark, N. J.  
FIDUCIARY TRUST COMPANY, New York City.  
FIELD AND FLINT COMPANY, Brockton, Mass.  
FIFTH AVENUE BANK OF NEW YORK, New York City.  
FIFTH THIRD UNION TRUST COMPANY, Cincinnati, O.  
FILENE'S (WILLIAM) SONS COMPANY, Boston, Mass.  
FINANCIAL WORLD, New York City.  
FINCH, PRUYN AND COMPANY, INCORPORATED, Glens Falls, N. Y.  
FIRESTONE TIRE & RUBBER COMPANY, Akron, O.  
FIRST NATIONAL BANK & TRUST COMPANY, Hamilton, O.  
FIRST NATIONAL BANK IN ST. LOUIS, St. Louis, Mo.  
FIRST NATIONAL BANK OF BOSTON, Boston, Mass.  
FIRST NATIONAL BANK OF CHICAGO, Chicago, Ill.  
FIRST NATIONAL BANK OF HARTFORD, Hartford, Conn.  
FIRST NATIONAL BANK OF THE CITY OF NEW YORK, New York City.  
FIRST TRUST & DEPOSIT COMPANY, Syracuse, N. Y.  
FIRST WISCONSIN NATIONAL BANK, Milwaukee, Wis.  
FIRTH-STERLING STEEL COMPANY, McKeesport, Pa.  
FISCHER SPECIAL MANUFACTURING COMPANY, Cincinnati, O.  
FISHER FLOURING MILLS COMPANY, Seattle, Wash.  
FISHER GOVERNOR COMPANY, Marshalltown, Iowa.  
FITCHBURG PAPER COMPANY, Fitchburg, Mass.  
FLEER (FRANK H.) CORPORATION, Philadelphia, Pa.  
FLETCHER & BROWN, New York City.  
FLINTKOTE COMPANY, INC., (THE), New York City.  
FLORENCE PIPE FOUNDRY AND MACHINE COMPANY, Philadelphia, Pa.  
FLORIDA POWER & LIGHT COMPANY, Miami, Fla.  
FLORSHEIM SHOE COMPANY, Chicago, Ill.  
FLUOR CORPORATION (THE), LTD., Los Angeles, Cal.  
FLYNN AND EMBRICH COMPANY, Baltimore, Md.  
FOERDERER (ROBERT H.) ESTATE, INC., Philadelphia, Pa.  
FOLEY BROS. DRY GOODS COMPANY, Houston, Tex.  
FOLEY BROTHERS, INC., Pleasantville, N. Y.  
FOOD MACHINERY CORPORATION, San Jose, Cal.  
FOOTE BROTHERS GEAR & MACHINE CORPORATION, Chicago, Ill.  
FOOTE, CONE & BELDING, New York City.  
FOOTE, PIERSON & CO., INC., Newark, N. J.  
FORBES LITHOGRAPH MFG. Co., Boston, Mass.  
FORCE (WM. A.) & COMPANY, INC., Brooklyn, N. Y.  
FORD, BACON & DAVIS, INC., New York City.  
FORD MOTOR COMPANY OF CANADA, LIMITED, Windsor, Ontario, Canada.  
FORDHAM UNIVERSITY, New York City.  
FOREST CITY FOUNDRIES COMPANY, Cleveland, O.  
FOREST OIL CORPORATION, Bradford, Pa.  
FORMICA INSULATION COMPANY, Cincinnati, O.  
FORT WAYNE CORRUGATED PAPER Co., Fort Wayne, Ind.



FOSTER WHEELER CORPORATION, Cartaret, N. J.  
FOSTORIA GLASS COMPANY, Moundsville, W. Va.  
FOUR WHEEL DRIVE AUTO COMPANY, Clintonville, Wis.  
FRAM CORPORATION, Providence, R. I.  
FRANK FOUNDRIES CORPORATION, Moline, Ill.  
FRASER COMPANIES, LIMITED, Edmundston, N. B., Canada.  
FREE LIBRARY OF PHILADELPHIA, Philadelphia, Pa.  
FREE PUBLIC LIBRARY, New Haven, Conn.  
FREEMAN SHOE CORPORATION, Beloit, Wis.  
FREEPORT SULPHUR COMPANY, New York City.  
FRENCH, WILLIAM H., San Francisco, Cal.  
FRICK COMPANY, INC., Waynesboro, Pa.  
FRUIT GROWERS EXPRESS COMPANY, Washington, D. C.  
FULLER BRUSH COMPANY, Hartford, Conn.  
FULL-FASHIONED HOSIERY MANUFACTURERS OF AMERICA, INC., Philadelphia, Pa.  
FUNCH, EDYE & COMPANY, INC., New York City.  
FYR-FYTER COMPANY, Dayton, O.

GALE PRODUCTS, Galesburg, Ill.  
GALLUN (A. F.) & SONS CORPORATION, Milwaukee, Wis.  
GAMEWELL COMPANY, Newton Upper Falls, Mass.  
GARDINER, GLENN L., Passaic, N. J.  
GARDNER, CARTON & DOUGLAS, Chicago, Ill.  
GARLOCK PACKING COMPANY, Palmyra, N. Y.  
GATES RUBBER COMPANY, Denver, Colo.  
GAYLORD CONTAINER CORPORATION, St. Louis, Mo.  
GENERAL ABRASIVE COMPANY, INC., Niagara Falls, N. Y.  
GENERAL ACCIDENT, FIRE & LIFE ASSURANCE CORPORATION, LTD., Philadelphia, Pa.  
GENERAL AMERICAN LIFE INSURANCE COMPANY, St. Louis, Mo.  
GENERAL AMERICAN TRANSPORTATION CORPORATION, Chicago, Ill.  
GENERAL ANILINE & FILM CORPORATION, New York City.  
GENERAL BAKING COMPANY, New York City.  
GENERAL BOX COMPANY, INCORPORATED, Chicago, Ill.  
GENERAL CABLE CORPORATION, New York City.  
GENERAL CANDY CORPORATION, Chicago, Ill.  
GENERAL DYESTUFF CORPORATION, New York City.  
GENERAL ELECTRIC COMPANY, Schenectady, N. Y., and New York City.  
GENERAL FIREPROOFING COMPANY, Youngstown, O.  
GENERAL FOODS CORPORATION, New York City.  
GENERAL INSTRUMENT CORPORATION, Elizabeth, N. J.  
GENERAL MACHINE COMPANY (THE), Emmaus, Pa.  
GENERAL MACHINERY CORPORATION, Hamilton, O.  
GENERAL MILLS, INC., Minneapolis, Minn.  
GENERAL MOTORS CORPORATION, Detroit, Mich.  
GENERAL MOTORS CORPORATION, NEW DEPARTURE DIVISION, Bristol, Conn.  
GENERAL PETROLEUM CORPORATION OF CALIFORNIA, Los Angeles, Cal.  
GENERAL RAILWAY SIGNAL COMPANY, Rochester, N. Y.  
GENERAL SHOE CORPORATION, Nashville, Tenn.  
GENERAL STEEL CASTINGS CORPORATION, Eddystone, Pa.  
GENERAL TELEPHONE SERVICE CORPORATION, New York City.  
GENERAL TIME INSTRUMENTS CORPORATION, New York City.  
GENERAL TIRE & RUBBER COMPANY, Akron, O.



- GEOMETRIC TOOL COMPANY, New Haven, Conn.  
GEORGIA POWER COMPANY, Atlanta, Ga.  
GERBER PRODUCTS COMPANY, Fremont, Mich.  
GEROTOR MAY CORPORATION, Baltimore, Md.  
GEYELIN, MORSE & FREY, Philadelphia, Pa.  
GEYER, CORNELL & NEWELL, INC., New York City.  
GIBSON ART COMPANY, Cincinnati, O.  
GIDDINGS & LEWIS MACHINE TOOL COMPANY, Fond du Lac, Wis.  
GILBERT, EARLY LYMAN, Lansdale, Pa.  
GILBERT PAPER COMPANY, Menasha, Wis.  
GILCHRIST COMPANY, Boston, Mass.  
GILLETTE SAFETY RAZOR COMPANY, South Boston, Mass.  
GIMBEL BROTHERS, Philadelphia, Pa.  
GIRARD TRUST COMPANY, Philadelphia, Pa.  
GISHOLT MACHINE COMPANY, Madison, Wis.  
GIVAUDAN-DELAWANNA, INC., New York City.  
GLADDING, McBEAN AND COMPANY, San Francisco, Cal.  
GLATFELTER (P. H.) COMPANY, Spring Grove, Pa.  
GLEASON WORKS, Rochester, N. Y.  
GLEN ALDEN COAL COMPANY, Scranton, Pa.  
GLENS FALLS INSURANCE COMPANY, Glens Falls, N. Y.  
GLENS FALLS PORTLAND CEMENT COMPANY, New York City.  
GLIDDEN COMPANY, Cleveland, O.  
GLOBE-UNION INC., Milwaukee, Wis.  
GLOBE-WERNICKE COMPANY, Cincinnati, O.  
GODMAN (H. C.) COMPANY, Columbus, O.  
GOLDMAN, SACHS & COMPANY, New York City.  
GOLDWATER & FLYNN, New York City.  
GOODRICH (B. F.) COMPANY, Akron, O.  
GOODYEAR TIRE & RUBBER COMPANY, Akron, O.  
GORHAM MANUFACTURING COMPANY, Providence, R. I.  
GOSS PRINTING PRESS COMPANY, Chicago, Ill.  
GOULD & EBERHARDT, Newark (Irvington), N. J.  
GOULDS PUMPS, INC., Seneca Falls, N. Y.  
GOVERNMENT PURCHASING COMMISSION OF THE SOVIET UNION IN THE U. S. A  
Washington, D. C.  
GRACE (W. R.) & COMPANY, New York City.  
GRANT, DE FOREST, New York City.  
GRANT (W. T.) COMPANY, New York City.  
GRAY IRON FOUNDERS' ASSOCIATION, Cleveland, O.  
GREAT AMERICAN INDUSTRIES, INC., Meriden, Conn.  
GREAT AMERICAN INSURANCE COMPANY, New York City.  
GREAT ATLANTIC & PACIFIC TEA COMPANY, New York City.  
GREAT LAKES CARBON CORPORATION, New York City.  
GREDE FOUNDRIES, INC., Milwaukee, Wis.  
GREENFIELD TAP AND DIE CORPORATION, Greenfield, Mass.  
GREIST MANUFACTURING COMPANY, New Haven, Conn.  
GREYHOUND CORPORATION, Chicago, Ill.  
GRIGGS, COOPER & COMPANY, St. Paul, Minn.  
GRINDING WHEEL MANUFACTURERS ASSOCIATION, Worcester, Mass.  
GRINNELL CORPORATION, Providence, R. I.  
GRIP NUT COMPANY, Chicago, Ill.



- GRISCOM-RUSSELL COMPANY, Massillon, O.  
GROSSER, GEORGE, Kalamazoo, Mich.  
GROSVENOR LIBRARY, Buffalo, N. Y.  
GRUEN WATCH COMPANY (THE), Cincinnati, O.  
GUARANTY TRUST COMPANY OF NEW YORK, New York City.  
GUARDIAN LIFE INSURANCE COMPANY OF AMERICA (THE), New York City.  
GULF OIL CORPORATION, Pittsburgh, Pa.  
GULF STATES PAPER CORPORATION, Tuscaloosa, Ala.  
GULF STATES UTILITIES COMPANY, Beaumont, Tex.  
GUMPERT (S.) COMPANY, INC., Ozone Park, N. Y.  
GUSTIN-BACON MANUFACTURING COMPANY, Kansas City, Mo.  
GUZIK, LEO, New York City.
- HABERLY, FRANCIS S., Chicago, Ill.  
HACKENSACK WATER COMPANY, Weehawken, N. J.  
HALL BROTHERS, INCORPORATED, Kansas City, Mo.  
HALL CHINA COMPANY, East Liverpool, O.  
HALL (W. F.) PRINTING COMPANY, Chicago, Ill.  
HALLE BROS. COMPANY, Cleveland, O.  
HAMILTON BEACH COMPANY, Racine, Wis.  
HAMILTON FOUNDRY & MACHINE COMPANY, Hamilton, O.  
HAMILTON MANUFACTURING COMPANY, Two Rivers, Wis.  
HAMILTON (W. C.) & SONS, Miquon, Pa.  
HAMMARLUND MANUFACTURING COMPANY, New York City.  
HAMMERMILL PAPER COMPANY, Erie, Pa.  
HAMMOND, JOHN HENRY, New York City.  
HANCOCK (JOHN) MUTUAL LIFE INSURANCE COMPANY, Boston, Mass.  
HANNA COAL COMPANY OF OHIO, Cleveland, O.  
HANNA (M. A.) COMPANY, Cleveland, O.  
HANNIFIN MANUFACTURING COMPANY, Chicago, Ill.  
HANSEN GLOVE CORPORATION, Milwaukee, Wis.  
HARBISON-WALKER REFRACTORIES COMPANY, Pittsburgh, Pa.  
HARBOR PLYWOOD CORPORATION, Hoquiam, Wash.  
HARDINGE BROS. INC., Elmira, N. Y.  
HARDINGE COMPANY, INC., York, Pa.  
HARDWICK & MAGEE COMPANY, Philadelphia, Pa.  
HARNISCHFEGGER CORPORATION, Milwaukee, Wis.  
HARPER, GUY R., Portland, Ore.  
HARPER-WYMAN COMPANY, Chicago, Ill.  
HARRIS COUNTY ASSOCIATION FOR INDUSTRIAL PEACE, Houston, Tex.  
HARRIS-SEYBOLD-POTTER COMPANY, Cleveland, O.  
HARRIS TRUST AND SAVINGS BANK, Chicago, Ill.  
HARRISON RADIATOR DIVISION—GENERAL MOTORS CORPORATION, Lockport, N. Y.  
HARSHAW CHEMICAL COMPANY (THE), Cleveland, O.  
HART SCHAFFNER & MARX, Chicago, Ill.  
HARTFORD-CONNECTICUT TRUST COMPANY, Hartford, Conn.  
HARTFORD ELECTRIC LIGHT COMPANY, Hartford, Conn.  
HARTFORD-EMPIRE COMPANY, Hartford, Conn.  
HARTFORD NATIONAL BANK AND TRUST COMPANY, Hartford, Conn.  
HAT CORPORATION OF AMERICA, New York City.  
HATHAWAY MANUFACTURING COMPANY, New Bedford, Mass.  
HAUSERMAN (E. F.) COMPANY, Cleveland, O.



- HAWAII EMPLOYERS COUNCIL, Honolulu, T. H.  
HAWAIIAN ELECTRIC COMPANY, LTD., Honolulu, Hawaii.  
HAWAIIAN PINEAPPLE COMPANY, LIMITED, Honolulu, T. H.  
HAYWARD-SCHUSTER COMPANY, INC., New York City.  
HAZELTINE ELECTRONICS CORPORATION, New York City.  
HEALD MACHINE COMPANY, Worcester, Mass.  
HECLA MINING COMPANY, Wallace, Idaho.  
HEINTZ MANUFACTURING COMPANY, Philadelphia, Pa.  
HEINZ (H. J.) COMPANY, Pittsburgh, Pa.  
HEINZ, H. J., II, Pittsburgh, Pa.  
HELLER BROTHERS COMPANY, Newcomerstown, O.  
HELLER (ROBERT) & ASSOCIATES, INCORPORATED, Cleveland, O.  
HELLWIG DYEING CORPORATION (THE), Philadelphia, Pa.  
HELME (GEORGE W.) COMPANY, INC., New York City.  
HENDEY MACHINE COMPANY, Torrington, Conn.  
HENGGERER (WM.) COMPANY, Buffalo, N. Y.  
HEPPENSTALL COMPANY, Pittsburgh, Pa.  
HERCULES POWDER COMPANY, INC., Wilmington, Del.  
HERRING-HALL-MARVIN SAFE COMPANY, Hamilton, O.  
HEWITT RUBBER CORPORATION, Buffalo, N. Y.  
HEYER PRODUCTS COMPANY, INCORPORATED, Belleville, N. J.  
HIBBARD, SPENCER, BARTLETT & COMPANY, Chicago, Ill.  
HICKOK ELECTRICAL INSTRUMENT COMPANY (THE), Cleveland, O.  
HIGBEE COMPANY, Cleveland, O.  
HIGGINS INK COMPANY, INC., Brooklyn, N. Y.  
HIGH STANDARD MANUFACTURING COMPANY (THE), INC., Hamden, Conn.  
HIGHTSTOWN RUG COMPANY, Hightstown, N. J.  
HILLS BROTHERS COMPANY (THE), New York City.  
HINDE & DAUCH PAPER COMPANY (THE), Sandusky, O.  
HOBART MANUFACTURING COMPANY, Troy, O.  
HOBERG PAPER MILLS, INC., Green Bay, Wis.  
HOE (R.) & COMPANY, New York City.  
HOFFMAN BEVERAGE COMPANY, Newark, N. J.  
HOFFMAN-LA ROCHE, INC., Nutley, N. J.  
HOFMANN (ALFRED) & COMPANY, West New York, N. J.  
HOLLINGSHEAD (R. M.) CORPORATION, Camden, N. J.  
HOLLOWAY & COMPANY, Buffalo, N. Y.  
HOLO-KROME SCREW CORPORATION, Hartford, Conn.  
HOMASOTE COMPANY, Trenton, N. J.  
HOME INSURANCE COMPANY, New York City.  
HOOD (H.P.) AND SONS, INC., Boston, Mass.  
HOOD RUBBER COMPANY, A DIVISION OF THE B. F. GOODRICH COMPANY, Water-  
town, Mass.  
HOOKER ELECTROCHEMICAL COMPANY, Niagara Falls, N. Y.  
HOOSIER CARDINAL CORPORATION, Evansville, Ind.  
HOOVEN & ALLISON COMPANY (THE), Xenia, O.  
HOOVEN LETTERS, INC., New York City.  
HOOVER COMPANY, North Canton, O.  
HORMEL (GEO. A.) & COMPANY, Austin, Minn.  
HORN & HARDART BAKING COMPANY, Philadelphia, Pa.  
HOTEL WALDORF-ASTORIA CORPORATION, New York City.  
HOUGHTON (E. F.) & COMPANY, Philadelphia, Pa.



HOUSEHOLD FINANCE CORPORATION, Chicago, Ill.  
HOUSTON, GEORGE H., New York City.  
HOUSTON NATURAL GAS CORPORATION, Houston, Tex.  
HUDSON BAY MINING & SMELTING COMPANY, LTD., New York City.  
HUDSON ENGINEERING CORPORATION, Houston, Tex.  
HUDSON (H. D.) MANUFACTURING COMPANY, Chicago, Ill.  
HUDSON (J. L.) COMPANY, Detroit, Mich.  
HUDSON PULP & PAPER CORPORATION, New York City.  
HUDSON WORSTED COMPANY, Hudson, Mass.  
HUGHES TOOL COMPANY, Houston, Tex.  
HUMASON MANUFACTURING COMPANY, INC., Forestville, Conn.  
HUMBLE OIL & REFINING COMPANY, Houston, Tex.  
HUMPHRIES MANUFACTURING COMPANY, Mansfield, O.  
HUNTER COLLEGE OF THE CITY OF NEW YORK, New York City.  
HUYCK (F. C.) & SONS, Albany, N. Y.  
HYDRAULIC INSTITUTE, New York City.  
HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO, Toronto, Canada.  
HYDROPRESS, INC., New York City.

I-T-E CIRCUIT BREAKER COMPANY, Philadelphia, Pa.  
IDAHO MARYLAND MINES CORPORATION, San Francisco, Cal.  
IDEAL NOVELTY & TOY COMPANY, Long Island City, N. Y.  
IDEAL ROLLER & MANUFACTURING COMPANY, INC., Chicago, Ill.  
ILLINOIS MANUFACTURERS' ASSOCIATION, Chicago, Ill.  
ILLINOIS PUBLIC AID COMMISSION, Chicago, Ill.  
ILLINOIS STATE LIBRARY, GENERAL LIBRARY DIVISION, Springfield, Ill.  
ILLINOIS TOOL WORKS, Chicago, Ill.  
IMPERIAL GLASS CORPORATION, Bellaire, O.  
IMPERIAL OIL, LTD., Toronto, Ontario, Canada.  
IMPERIAL PAPER AND COLOR CORPORATION, Glens Falls, N. Y.  
IMPROVED PAPER MACHINERY CORPORATION, Nashua, N. H.  
INDIAN MOTORCYCLE COMPANY, Springfield, Mass.  
INDIANA STATE LIBRARY, Indianapolis, Ind.  
INDIANA STATE TEACHERS COLLEGE LIBRARY, Terre Haute, Ind.  
INDIANAPOLIS PAINT AND COLOR CO., Indianapolis, Ind.  
INDIANAPOLIS PUBLIC LIBRARY, BUSINESS BRANCH, Indianapolis, Ind.  
INDIANAPOLIS RAILWAYS, INCORPORATED, Indianapolis, Ind.  
INDUSTRIAL ASSOCIATION OF QUINCY, INC., Quincy, Ill.  
INDUSTRIAL ASSOCIATION OF UTICA, Utica, N. Y.  
INDUSTRIAL BROWNHOIST CORPORATION, Bay City, Mich.  
INDUSTRIAL COMMODITY CORPORATION, New York City.  
INDUSTRIAL DYESTUFF COMPANY, East Providence, R. I.  
INDUSTRIAL MANAGEMENT COUNCIL OF ROCHESTER, Rochester, N. Y.  
INDUSTRIAL RAYON CORPORATION, Cleveland, O.  
INDUSTRIAL RELATIONS COUNSELORS, INC., New York City.  
INDUSTRIAL SILICA CORPORATION, Youngstown, O.  
INDUSTRIAL TAPE CORPORATION, New Brunswick, N. J.  
INGALLS IRON WORKS COMPANY, INC., Birmingham, Ala.  
INGERSOLL MILLING MACHINE COMPANY, Rockford, Ill.  
INGERSOLL-RAND COMPANY, New York City.  
INLAND CONTAINER CORPORATION, Indianapolis, Ind.  
INLAND STEEL COMPANY, Chicago, Ill.



INNIS, SPEIDEN & COMPANY, New York City.  
INSTITUTE OF CARPET MANUFACTURERS OF AMERICA, Inc., New York City.  
INSTITUTE OF LIVING, Hartford, Conn.  
INSTITUTE OF PUBLIC ADMINISTRATION, New York City.  
INSURANCE COMPANY OF NORTH AMERICA, Philadelphia, Pa.  
INSURANCE EXECUTIVES ASSOCIATION, New York City.  
INTERCHEMICAL CORPORATION, New York City.  
INTERLAKE IRON CORPORATION, Cleveland, O.  
INTERLAKE STEAMSHIP COMPANY, Cleveland, O.  
INTERNATIONAL ASSOCIATION OF MACHINISTS, Washington, D. C.  
INTERNATIONAL BROTHERHOOD OF PAPER MAKERS, Albany, N. Y.  
INTERNATIONAL BROTHERHOOD OF TEAMSTERS, CHAUFFEURS, WAREHOUSEMEN & HELPERS OF AMERICA, Washington, D. C.  
INTERNATIONAL BUSINESS MACHINES CORPORATION, New York City.  
INTERNATIONAL DERRICK & EQUIPMENT COMPANY, Columbus, O.  
INTERNATIONAL HARVESTER COMPANY, Chicago, Ill.  
INTERNATIONAL MILLING COMPANY, Minneapolis, Minn.  
INTERNATIONAL MINERALS & CHEMICAL CORPORATION, Chicago, Ill.  
INTERNATIONAL MUTOSCOPE CORPORATION, Long Island City, N. Y.  
INTERNATIONAL NICKEL COMPANY, Inc., New York City.  
INTERNATIONAL PROJECTOR CORPORATION, New York City.  
INTERNATIONAL RESISTANCE COMPANY, Philadelphia, Pa.  
INTERNATIONAL SHOE COMPANY, St. Louis, Mo.  
INTERNATIONAL SILVER COMPANY, Meriden, Conn.  
INTERNATIONAL SMELTING & REFINING COMPANY, New York City.  
INTERSTATE DEPARTMENT STORES, Inc., New York City.  
INTERSTATE FOLDING BOX COMPANY, Middletown, O.  
INTERTYPE CORPORATION, Brooklyn, N. Y.  
INTERWOVEN STOCKING COMPANY, New Brunswick, N. J.  
INVESTMENT BANKERS ASSOCIATION OF AMERICA, Chicago, Ill.  
INVESTORS MANAGEMENT COMPANY, Inc., New York City.  
IOWA SOUTHERN UTILITIES COMPANY, Centerville, Ia.  
IRVING TRUST COMPANY, New York City.  
IRVINGTON VARNISH & INSULATOR COMPANY, Irvington, N. J.  
ISELIN, O'DONNELL, New York City.  
ISLAND CREEK COAL COMPANY, Huntington, W. Va.

JACOBS (DAVID B.) & COMPANY, New York City.  
JAMESTOWN INDUSTRIES, Inc., Jamestown, N. Y.  
JAMESTOWN METAL EQUIPMENT COMPANY, Inc., Jamestown, N. Y.  
JAY (HARRY M.) AND ASSOCIATES, Memphis, Tenn.  
JEFFERSON ELECTRIC COMPANY, Bellwood, Ill.  
JEFFREY MANUFACTURING COMPANY, Columbus, O.  
JEIDELS, DR. OTTO, San Francisco, Cal.  
JERGENS (ANDREW) COMPANY, (THE), Cincinnati, O.  
JEWEL TEA COMPANY, Inc., Barrington, Ill.  
JOHNS-MANVILLE CORPORATION, New York City.  
JOHNSON (A.) & COMPANY, Inc., New York City.  
JOHNSON BRONZE COMPANY, New Castle, Pa.  
JOHNSON (E. F.) COMPANY, Waseca, Minn.  
JOHNSON & JOHNSON, New Brunswick, N. J.  
JOHNSTON & JENNINGS CO. (THE), Cleveland, O.



JOHNSTON & MURPHY, Newark, N. J.

JONES & LAMSON MACHINE COMPANY, Springfield, Vt.

JONES & LAUGHLIN STEEL CORPORATION, Pittsburgh, Pa.

JOURNAL COMPANY (THE), Milwaukee, Wis.

JOY MANUFACTURING COMPANY, Franklin, Pa.

JUDSON MILLS, Greenville, S. C.

KAISER COMPANY, INC., Portland, Ore.

KAISER (HENRY J.) COMPANY, Oakland, Cal.

KAISER INDUSTRIES, Denver, Col.

KALAMAZOO STOVE & FURNACE COMPANY, Kalamazoo, Mich.

KALAMAZOO VEGETABLE PARCHMENT COMPANY, Kalamazoo, Mich.

KANAWHA COUNTY PUBLIC LIBRARY, Charleston, W. Va.

KANSAS CITY POWER & LIGHT COMPANY, Kansas City, Mo.

KANSAS CITY PUBLIC LIBRARY, Kansas City, Mo.

KANSAS STATE LIBRARY, Topeka, Kan.

KARAGHEUSIAN (A. & M.), INC., New York City.

KAUFMANN DEPARTMENT STORES, INC., Pittsburgh, Pa.

KAWNEER COMPANY, Niles, Mich.

KAY-FRIES CHEMICALS, INC., New York City.

KEARNEY & TRECKER CORPORATION, Milwaukee, Wis.

KELLER TOOL COMPANY, Grand Haven, Mich.

KELLOGG COMPANY, Battle Creek, Mich.

KELLOGG (M. W.) COMPANY, New York City.

KENDALL COMPANY, Boston, Mass.

KENNECOTT COPPER CORPORATION, New York City.

KENT METAL & CHEMICAL WORKS, Edgewater, N. Y.

KENTUCKY UTILITIES COMPANY, Lexington, Ky.

KESWICK CORPORATION, New York City.

KEUFFEL & ESSER COMPANY, Hoboken, N. J.

KEWAUNEE MANUFACTURING COMPANY, Adrian, Mich.

KEYSTONE STEEL AND WIRE COMPANY, Peoria, Ill.

KIDDE (WALTER) & COMPANY, INC., Belleville, N. J.

KIDDER, PEABODY & COMPANY, New York City.

KIMBERLY-CLARK CORPORATION, Neenah, Wis.

KING MACHINE TOOL COMPANY, Cincinnati, O.

KING-SEELEY CORPORATION, Ann Arbor, Mich.

KIRSCH COMPANY, Sturgis, Mich.

KIRSTEN BUSINESS LIBRARY, Boston, Mass.

KLEINERT (I. B.) RUBBER COMPANY, College Point, N. Y.

KOHLER COMPANY, Kohler, Wis.

KOHNSTAMM (H.) & COMPANY, INC., New York City.

KOLLSMAN INSTRUMENT DIVISION OF SQUARE D COMPANY, Elmhurst, N. Y.

KOPPERS COMPANY, Pittsburgh, Pa.

KRESS (S. H.) & COMPANY, New York City.

KROGER GROCERY & BAKING COMPANY, Cincinnati, O.

KUDNER (ARTHUR), INC., New York City.

KUHNS BROTHERS COMPANY, Dayton, O.

KUPPENHEIMER (B.) & COMPANY, INC., Chicago, Ill.

LABATT (JOHN) LIMITED, London, Canada.

LABEL MANUFACTURERS NATIONAL ASSOCIATION, Washington, D. C.



- LACLEDE-CHRISTY CLAY PRODUCTS COMPANY, St. Louis, Mo.  
LADISH DROP FORGE COMPANY, Cudahy, Wis.  
LAIDLAW & COMPANY, New York City.  
LAIRD, BISSELL & MEEDS, New York City.  
LAKE CITY MALLEABLE COMPANY, Cleveland, O.  
LAKE SHORE MINES, LIMITED, Ontario, Canada.  
LAMBERT PHARMACAL COMPANY, St. Louis, Mo.  
LAMSON CORPORATION, Syracuse, N. Y.  
LAMSON & SESSIONS COMPANY, Cleveland, O.  
LAND TITLE BANK AND TRUST COMPANY, Philadelphia, Pa.  
LANDERS, FRARY & CLARK, New Britain, Conn.  
LANDIS MACHINE COMPANY, Inc., Waynesboro, Pa.  
LANDIS TOOL COMPANY, Waynesboro, Pa.  
LANE PUBLIC LIBRARY, Hamilton, O.  
LANE-WELLS COMPANY, Los Angeles, Cal.  
LANGMUIR, DEAN, New York City.  
LARUS & BROTHER COMPANY, Inc., Richmond, Va.  
LASKIN (J.) & SONS CORP., Milwaukee, Wis.  
LASSER (J. K.) & COMPANY, New York City.  
LAUCKS (I. F.) INC., Seattle, Wash.  
LAWYERS CO-OPERATIVE PUBLISHING COMPANY, Rochester, N. Y.  
LAZARUS (F. & R.) & COMPANY, Columbus, O.  
LEAR, INCORPORATED, Piqua, O.  
LEBANON STEEL FOUNDRY, Lebanon, Pa.  
LE BLOND (R. K.) MACHINE TOOL COMPANY, Cincinnati, O.  
LEE (IVY) & ROSS (T. J.), New York City.  
LEE PAPER COMPANY, Vicksburg, Mich.  
LEE RUBBER & TIRE CORPORATION, Conshohocken, Pa.  
LEECE-NEVILLE COMPANY, Cleveland, O.  
LEEDS & NORTHRUP COMPANY, Philadelphia, Pa.  
LEES-COCHRANE COMPANY, Inc., Glasgow, Va.  
LEHIGH COAL AND NAVIGATION COMPANY, Philadelphia, Pa.  
LEHIGH PORTLAND CEMENT COMPANY, Allentown, Pa.  
LEHIGH UNIVERSITY LIBRARY, Bethlehem, Pa.  
LEHIGH VALLEY COAL COMPANY (THE), New York City.  
LEHIGH VALLEY RAILROAD COMPANY, New York City.  
LEHMAN CORPORATION (THE), New York City.  
LEHN & FINK PRODUCTS CORPORATION, New York City.  
LEICH ELECTRIC CO., Genoa, Ill.  
LEIDESDORF (S. D.) & Co., New York City.  
LELAND-GIFFORD COMPANY, Worcester, Mass.  
LEARNER STORES CORPORATION, New York City.  
LE ROI COMPANY, Milwaukee, Wis.  
LESCHEN (A.) & SONS ROPE COMPANY, St. Louis, Mo.  
LE TOURNEAU (R. G.) INC., Peoria, Ill.  
LEVER BROTHERS COMPANY, Cambridge, Mass.  
LEVIN (DAVID) COMPANY, Philadelphia, Pa.  
LEVIN, NATHAN W., New York City.  
LEVINGSTON SHIPBUILDING COMPANY, Orange, Tex.  
LEVINSON BECKER PEEBLES & SWIREN, Chicago, Ill.  
LEWERS & COOKE, LIMITED, Honolulu, T. H.  
LEWISOHN, SAM A., New York City.



- LEWYTT CORPORATION, Brooklyn, N. Y.  
LIBBEY-OWENS-FORD GLASS COMPANY, Toledo, O.  
LIBBY, McNEILL & LIBBY, Chicago, Ill.  
LIBERTY AIRCRAFT PRODUCTS CORPORATION, Farmingdale, L. I., N. Y.  
LIBERTY GLASS COMPANY, Sapulpa, Okla.  
LIBERTY MIRROR DIVISION, LIBBEY-OWENS-FORD GLASS COMPANY, Brackenridge, Pa.  
LIBERTY MUTUAL LIFE INSURANCE COMPANY, BOSTON, MASS.  
LIBERTY NATIONAL BANK AND TRUST COMPANY, Louisville, Ky.  
LIBRARY ASSOCIATION OF PORTLAND, Portland, Ore.  
LIBRARY OF CONGRESS, DIVISION OF ACCESSIONS, Washington, D. C.  
LIBRARY OF PARLIAMENT, Ottawa, Canada.  
LIGHTOLIER COMPANY, New York City.  
LILLY (ELI) & COMPANY, Indianapolis, Ind.  
LILLY VARNISH COMPANY, Indianapolis, Ind.  
LILY-TULIP CUP CORPORATION, New York City.  
LIMA LOCOMOTIVE WORKS, INCORPORATED, Lima, O.  
LINCOLN-ALLIANCE BANK AND TRUST COMPANY, Rochester, N. Y.  
LINCOLN ENGINEERING COMPANY, St. Louis, Mo.  
LINCOLN NATIONAL BANK AND TRUST COMPANY, Fort Wayne, Ind.  
LINCOLN NATIONAL LIFE INSURANCE COMPANY, Fort Wayne, Ind.  
LINDBERG ENGINEERING COMPANY, Chicago, Ill.  
LINDSAY WIRE WEAVING COMPANY, Cleveland, O.  
LINEN THREAD COMPANY, INC., New York City.  
LINK-BELT COMPANY, Chicago, Ill.  
LIPE-ROLLWAY CORPORATION, Syracuse, N. Y.  
LIQUID CARBONIC CORPORATION, Chicago, Ill.  
LIQUIDOMETER CORPORATION, Long Island City, N. Y.  
LITTLER, COAKLEY & LAURITZEN, San Francisco, Cal.  
LOCKHEED AIRCRAFT CORPORATION, Burbank, Cal.  
LOCKWOOD MANUFACTURING COMPANY, Cincinnati, O.  
LOCOMOTIVE FINISHED MATERIAL COMPANY, Atchison, Kan.  
LOEB (CARL M.), RHOADES & COMPANY, New York City.  
LONE STAR CEMENT CORPORATION, New York City.  
LONG-BELL LUMBER COMPANY, Kansas City, Mo.  
LONG ISLAND LIGHTING COMPANY, Mineola, N. Y.  
LOOK, INC., New York City.  
LOOMIS, SAYLES & COMPANY, INC., Boston, Mass.  
LOOMIS, SUFFERN & FERNALD, New York City.  
LOOSE-WILES BISCUIT COMPANY, Long Island City, N. Y.  
LORAIN COAL & DOCK CO. (THE), Columbus, O.  
LORD MANUFACTURING COMPANY, Erie, Pa.  
LORENTZEN (H. K.) INC., New York City.  
LORRAINE MANUFACTURING COMPANY, Pawtucket, R. I.  
LOS ANGELES CHAMBER OF COMMERCE, Los Angeles, Cal.  
LOS ANGELES PERIOD FURNITURE COMPANY, Los Angeles, Cal.  
LOS ANGELES PUBLIC LIBRARY, Los Angeles, Cal.  
LOUISIANA & ARKANSAS RAILWAY COMPANY, Kansas City, Mo.  
LOUISIANA POWER & LIGHT COMPANY, New Orleans, La.  
LOUISIANA STATE UNIVERSITY LIBRARY, University, La.  
LOUISVILLE FREE PUBLIC LIBRARY, Louisville, Ky.  
LOUISVILLE GAS AND ELECTRIC COMPANY, Louisville, Ky.



- LOUISVILLE TEXTILES, INCORPORATED, Louisville, Ky.  
LUCAS MACHINE TOOL COMPANY, Cleveland, O.  
LUDLOW MANUFACTURING & SALES COMPANY, Boston, Mass.  
LUDLOW VALVE MANUFACTURING COMPANY, INC., Troy, N. Y.  
LUFKIN FOUNDRY & MACHINE COMPANY, Lufkin, Tex.  
LUMBERMEN'S INDUSTRIAL RELATIONS COMMITTEE, INC., Seattle, Wash.  
LUMBERMENS MUTUAL CASUALTY COMPANY, Chicago, Ill.  
LUMMUS COMPANY, New York City.  
LUNKENHEIMER COMPANY, Cincinnati, O.  
LURCY, GEORGE, New York City.  
LYBRAND, ROSS BROS. & MONTGOMERY, New York City.  
LYNN GAS AND ELECTRIC COMPANY, Lynn, Mass.  
LYON-RAYMOND CORPORATION, Greene, N. Y.  
LYONS-MAGNUS, INC., San Francisco, Cal.
- MACANDREWS & FORBES COMPANY, Camden, N. J.  
MACDONALD BROS. INC., Boston, Mass.  
MACFADDEN PUBLICATIONS, INC., New York City.  
MACHINERY AND ALLIED PRODUCTS INSTITUTE, Washington, D. C.  
MACK PRINTING COMPANY, Easton, Pa.  
MACKINTOSH-HEMPHILL COMPANY, Pittsburgh, Pa.  
MACKLIN COMPANY, Jackson, Mich.  
MACWHYTE COMPANY, Kenosha, Wis.  
MACY (R. H.) & COMPANY, INC., New York City.  
MAGUIRE WALKER & MIDDLETON, Stamford, Conn.  
MAHON (R. C.) COMPANY, Detroit, Mich.  
MAIN (CHAS. T.), INC., Boston, Mass.  
MALLEABLE FOUNDERS' SOCIETY, Cleveland, O.  
MALLEABLE IRON FITTINGS COMPANY, Branford, Conn.  
MALLEABLE IRON RANGE COMPANY, Beaver Dam, Wis.  
MALLINCKRODT CHEMICAL WORKS, St. Louis, Mo.  
MALLORY (P. R.) & COMPANY, INC., Indianapolis, Ind.  
MANAGEMENT PLANNING, INC., New York City.  
MANDEL BROTHERS, INC., Chicago, Ill.  
MANHATTAN RESEARCH ASSOCIATES, New York City.  
MANNING (J. H.) & COMPANY, New York City.  
MANNING (JOHN A.) PAPER COMPANY, INC., Troy, N. Y.  
MANNING, MAXWELL & MOORE, INC., New York City.  
MANUFACTURERS ASSOCIATION OF THE CITY OF BRIDGEPORT, CONN., INC., Bridgeport, Conn.  
MANUFACTURERS ASSOCIATION OF CONNECTICUT INC., Hartford, Conn.  
MANUFACTURERS ASSOCIATION OF ERIE, Erie, Pa.  
MANUFACTURERS ASSOCIATION OF HARTFORD COUNTY, Hartford, Conn.  
MANUFACTURERS' ASSOCIATION OF MERIDEN, INC., Meriden, Conn.  
MANUFACTURERS' ASSOCIATION OF MONTGOMERY COUNTY, NORRISTOWN, Pa.  
MANUFACTURERS' ASSOCIATION OF NEW JERSEY, Trenton, N. J.  
MANUFACTURERS' ASSOCIATION OF RACINE, Racine, Wis.  
MANUFACTURERS' ASSOCIATION OF YORK, York, Pa.  
MANUFACTURERS CHEMICAL CORPORATION, Berkeley Heights, N. J.  
MANUFACTURERS MACHINE & TOOL COMPANY, INC., New York City.  
MANUFACTURERS MUTUAL FIRE INSURANCE COMPANY, Providence, R. I.  
MANUFACTURERS NATIONAL BANK OF DETROIT, Detroit, Mich.



- MANUFACTURERS TRUST COMPANY, New York City.  
MARATHON CORPORATION, Rothschild, Wis.  
MARBLE CLIFF QUARRIES COMPANY, Columbus, O.  
MARINE MAGNESIUM PRODUCTS CORPORATION, South San Francisco, Cal.  
MARINE MIDLAND TRUST COMPANY OF NEW YORK, New York City.  
MARINE NATIONAL EXCHANGE BANK, Milwaukee, Wis.  
MARLIN-ROCKWELL CORPORATION, Jamestown, N. Y.  
MARS, INC., Chicago, Ill.  
MARSH FURNITURE COMPANY, High Point, N. C.  
MARSH & McLENNAN, INC., New York City.  
MARSHALL FIELD AND COMPANY, Chicago, Ill.  
MARSHALL & LISLEY BANK, Milwaukee, Wis.  
MARTIN (THE GLENN L.) COMPANY, Baltimore, Md.  
MARTIN (WILLIS S.) COMPANY, Fort Wayne, Ind.  
MASONITE CORPORATION, Laurel, Miss.  
MASSACHUSETTS INSTITUTE OF TECHNOLOGY, Cambridge, Mass.  
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY, Springfield, Mass.  
MASSACHUSETTS STATE LIBRARY, Boston, Mass.  
MASSEY-HARRIS COMPANY, INC., Racine, Wis.  
MASTER ELECTRIC COMPANY (THE), Dayton, O.  
MATHEWS CONVEYER COMPANY, Ellwood City, Pa.  
MATHIESON ALKALI WORKS, INC., New York City.  
MATTATUCK MANUFACTURING COMPANY, Waterbury, Conn.  
MATTHEWS (H. A.) MANUFACTURING COMPANY, Seymour, Conn.  
MATTHEWS (JAS. H.) & COMPANY, Pittsburgh, Pa.  
MATTHEWS MANUFACTURING COMPANY, Worcester, Mass.  
MATTISON MACHINE WORKS, Rockford, Ill.  
MAUI AGRICULTURAL CO., LTD., Paia, Maui, T. H.  
MAXSON (W. L.) CORPORATION, New York City.  
MAY COMPANY, Cleveland, O.  
MAY DEPARTMENT STORES COMPANY, St. Louis, Mo.  
MAYER (OSCAR) & COMPANY, Chicago, Ill.  
MAYOR'S BUSINESS ADVISORY COMMITTEE (THE), New York City.  
MAYTAG COMPANY, Newton, Ia.  
McALPIN, DAVID H., New York City.  
McARTHUR (WARREN) CORPORATION, Bantam, Conn.  
McCALL CORPORATION, New York City.  
McCANN-ERICKSON INC., New York City.  
McCLATCHY NEWSPAPERS, Sacramento, Cal.  
McCOLL-FRONTENAC OIL COMPANY LIMITED, Montreal, Canada.  
McCORD CORPORATION, Detroit, Mich.  
McCREARY TIRE & RUBBER COMPANY, Indiana, Pa.  
McELWAIN (J. F.) COMPANY, Boston, Mass.  
McGILL UNIVERSITY, Montreal, Canada.  
McGRAW ELECTRIC COMPANY, Elgin, Ill.  
McGRAW-HILL PUBLISHING COMPANY, INC., New York City.  
McHUGH, FRANK A., Wilmington, Del.  
McKEE (ARTHUR G.) & COMPANY, Cleveland, O.  
McKEEHAN, MERRICK, ARTER & STEWART AND GEORGE WILLIAM COTTRELL,  
Cleveland, O.  
McKELVEY (THE G. M.) COMPANY, Youngstown, O.  
McKESSON & ROBBINS, INC., New York City.



- McKINSEY & COMPANY, New York City.  
McLANAHAN, MERRITT AND INGRAHAM, New York City.  
McLAUGHLIN BAIRD & REUSS, New York City.  
McLOUTH STEEL CORPORATION, Detroit, Mich.  
McMILLAN (THE REUBEN) FREE LIBRARY, Youngstown, O.  
MEAD CORPORATION, Chillicothe, O.  
MEDART COMPANY, St. Louis, Mo.  
MELLON (A. W.) EDUCATIONAL AND CHARITABLE TRUST OF PITTSBURGH, Washington, D. C.  
MELLON SECURITIES CORPORATION, Pittsburgh, Pa.  
MELVILLE SHOE CORPORATION, New York City.  
MENDEL COMPANY (THE), Louisville, Ky.  
MENNEN COMPANY, Newark, N. J.  
MERCHANTS AND MANUFACTURERS ASSOCIATION, Los Angeles, Cal.  
MERCHANTS NATIONAL BANK OF BOSTON, Boston, Mass.  
MERCHANTS REFRIGERATING COMPANY, New York City.  
MERCK & COMPANY, INC., Rahway, N. J.  
MEREDITH PUBLISHING COMPANY, Des Moines, Ia.  
MERGENTHALER LINOTYPE COMPANY, Brooklyn, N. Y.  
MERGOTT (THE J. E.) COMPANY, Newark, N. J.  
MERRILL LYNCH, PIERCE, FENNER & BEANE, New York City  
MERRIMAC MILLS COMPANY, Methuen, Mass.  
MERRIMACK MANUFACTURING COMPANY, Boston, Mass.  
MESKER BROS. IRON CO., St. Louis, Mo.  
METAL FORMING CORPORATION, Elkhart, Ind.  
METAL & THERMIT CORPORATION, New York City.  
METEOR MOTOR CAR COMPANY (THE), Piqua, O.  
METROPOLITAN EDISON COMPANY, Reading, Pa.  
METROPOLITAN LIFE INSURANCE COMPANY, New York City.  
METROPOLITAN UTILITIES DISTRICT, Omaha, Neb.  
MEYER, EUGENE, Washington, D. C.  
MIAMI UNIVERSITY, Oxford, O.  
MICHIGAN CONSOLIDATED GAS COMPANY, Detroit, Mich.  
MICHIANA PRODUCTS CORPORATION, Michigan City, Ind.  
MICHIGAN MANUFACTURERS' ASSOCIATION, Detroit, Mich.  
MICHIGAN SEAMLESS TUBE COMPANY, South Lyon, Mich.  
MICHIGAN STATE COLLEGE, East Lansing, Mich.  
MICHIGAN STATE LIBRARY, Lansing, Mich.  
MICHIGAN STEEL CASTING COMPANY, Detroit, Mich.  
MICROMATIC HONE CORPORATION, Detroit, Mich.  
MID-CONTINENT OIL & GAS ASSOCIATION, Tulsa, Okla.  
MID-STATES STEEL & WIRE CO., Crawfordsville, Ind.  
MIDDLE WEST SERVICE COMPANY, Chicago, Ill.  
MIEHLE PRINTING PRESS & MANUFACTURING COMPANY, Chicago, Ill.  
MILBANK, TWEED & HOPE, New York City.  
MILITARY CHEMICAL WORKS (THE), INC., Kansas City, Mo.  
MILLER COMPANY, Meriden, Conn.  
MILLER, DONALDSON AND COMPANY, New York City.  
MILWAUKEE GAS SPECIALTY COMPANY, Milwaukee, Wis.  
MILWAUKEE PUBLIC LIBRARY, Milwaukee, Wis.  
MILWAUKEE SOLVAY COKE COMPANY, Milwaukee, Wis.  
MILWAUKEE VOCATIONAL SCHOOL, Milwaukee, Wis.



- MINE SAFETY APPLIANCES COMPANY, Pittsburgh, Pa.  
MINNEAPOLIS PUBLIC LIBRARY, Minneapolis, Minn.  
MINNESOTA MINING & MANUFACTURING COMPANY, St. Paul, Minn.  
MINNESOTA MUTUAL LIFE INSURANCE COMPANY, St. Paul, Minn.  
MINNESOTA AND ONTARIO PAPER COMPANY, Minneapolis, Minn.  
MINNESOTA POWER & LIGHT COMPANY, Duluth, Minn.  
MISSION MANUFACTURING COMPANY, Houston, Tex.  
MISSISSIPPI AGRICULTURAL EXPERIMENT STATION, State College, Miss.  
MISSISSIPPI POWER & LIGHT COMPANY, Jackson, Miss.  
MISSISSIPPI VALLEY STRUCTURAL STEEL CO., Decatur, Ill.  
MISSOURI PACIFIC LINES, St. Louis, Mo.  
MIXING EQUIPMENT COMPANY, INC., Rochester, N. Y.  
MODINE MANUFACTURING COMPANY, Racine, Wis.  
MOLONEY ELECTRIC COMPANY, St. Louis, Mo.  
MONARCH MACHINE TOOL COMPANY, Sidney, O.  
MONOWATT ELECTRIC CORPORATION, Providence, R. I.  
MONROE STEEL CASTINGS COMPANY, Monroe, Mich.  
MONSANTO CHEMICAL COMPANY, St. Louis, Mo.  
MONTAGUE, GILBERT H., New York City.  
MONTANA POWER COMPANY (THE), Butte, Montana.  
MONTCLAIR (TOWN OF), DEPARTMENT OF PUBLIC WORKS, Montclair, N. J.  
MONTGOMERY WARD & COMPANY, INC., Chicago, Ill.  
MONTREAL INDUSTRIAL AND ECONOMIC BUREAU, Montreal, Canada.  
MOODY BIBLE INSTITUTE OF CHICAGO, (THE), Chicago, Ill.  
MOORE CORPORATION, LIMITED, Toronto, Canada.  
MORDEN FROG & CROSSING WORKS, Chicago, Ill.  
MORGAN CONSTRUCTION COMPANY, Worcester, Mass.  
MORGAN (J. P.) & COMPANY, INC., New York City.  
MORRELL (JOHN) & COMPANY, Ottumwa, Ia.  
MORRIS (PHILIP) & COMPANY, LTD., INC., New York City.  
MORTON, STERLING, Chicago, Ill.  
MOTOR HAULAGE COMPANY, INC., Brooklyn, N. Y.  
MOTOR PATTERNS COMPANY (THE), Cleveland, O.  
MOTOR WHEEL CORPORATION, Lansing, Mich.  
MOUNTEER (H. G.) & COMPANY, Detroit, Mich.  
MOUNT VERNON BRIDGE COMPANY, Mount Vernon, O.  
MT. VERNON-WOODBERRY MILLS, INC., Baltimore, Md.  
MUELLER BRASS CO., Port Huron, Mich.  
MUELLER (C. F.) COMPANY, Jersey City, N. J.  
MULTI-COLOTYPE COMPANY, Cincinnati, O.  
MUNSINGWEAR, INC., Minneapolis, Minn.  
MURRAY COMPANY (THE), Dallas, Tex.  
MURRAY CORPORATION OF AMERICA, Detroit, Mich.  
MURRAY OHIO MANUFACTURING COMPANY, Cleveland, O.  
MUSKEGON EMPLOYERS ASSOCIATION, Muskegon, Mich.  
MUTUAL BENEFIT LIFE INSURANCE COMPANY, Newark, N. J.  
MUTUAL BROADCASTING SYSTEM, INC., New York City.  
MUTUAL CHEMICAL CO. OF AMERICA, New York City.  
MUTUAL LIFE INSURANCE COMPANY OF NEW YORK, New York City.  
MUTUAL TELEPHONE COMPANY, Honolulu, T. H.  
MYLES SALT COMPANY, LTD., New Orleans, La.



- NARROW FABRICS COMPANY, Reading, Pa.  
NASH ENGINEERING COMPANY, South Norwalk, Conn.  
NASH-KELVINATOR CORPORATION, Detroit, Mich.  
NASHUA GUMMED & COATED PAPER COMPANY, Nashua, N. H.  
NASHUA MANUFACTURING COMPANY, Boston, Mass.  
NASHVILLE PUBLIC LIBRARY, Nashville, Tenn.  
NATIONAL ASSOCIATION OF BROADCASTERS, Washington, D. C.  
NATIONAL ASSOCIATION OF HOSIERY MANUFACTURERS, New York City.  
NATIONAL ASSOCIATION OF MANUFACTURERS OF THE UNITED STATES OF AMERICA,  
New York City.  
NATIONAL ASSOCIATION OF PURCHASING AGENTS, INC., New York City.  
NATIONAL ASSOCIATION OF TELEPHONE EQUIPMENT WORKERS, New York City.  
NATIONAL ASSOCIATION OF WOOL MANUFACTURERS, Boston, Mass.  
NATIONAL AUTOMATIC TOOL COMPANY, Richmond, Ind.  
NATIONAL BANK OF DETROIT, Detroit, Mich.  
NATIONAL BEARING DIVISION, AMERICAN BRAKE SHOE COMPANY, St. Louis, Mo.  
NATIONAL BISCUIT COMPANY, New York City.  
NATIONAL BOARD OF FIRE UNDERWRITERS, New York City.  
NATIONAL BRASS COMPANY, Grand Rapids, Mich.  
NATIONAL BREWERIES LIMITED, Montreal, Canada.  
NATIONAL BRUSH COMPANY, Aurora, Ill.  
NATIONAL CASH REGISTER COMPANY, Dayton, O.  
NATIONAL CASKET COMPANY, INC., Boston, Mass.  
NATIONAL CITY BANK OF CLEVELAND, Cleveland, O.  
NATIONAL CITY BANK OF NEW YORK, New York City.  
NATIONAL COAL ASSOCIATION, Washington, D. C.  
NATIONAL CYLINDER GAS COMPANY, Chicago, Ill.  
NATIONAL DAIRY PRODUCTS CORPORATION, New York City.  
NATIONAL DISTILLERS PRODUCTS CORPORATION, New York City.  
NATIONAL ELECTRIC COIL COMPANY, Columbus, O.  
NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION, New York City.  
NATIONAL ENAMELING AND STAMPING COMPANY, Milwaukee, Wis.  
NATIONAL FEDERATION OF BUSINESS AND PROFESSIONAL WOMEN'S CLUBS, INC.,  
New York City.  
NATIONAL FEDERATION OF SALARIED UNIONS, East Pittsburgh, Pa.  
NATIONAL FEDERATION OF TELEPHONE WORKERS, Chicago, Ill.  
NATIONAL FEDERATION OF TEXTILES, INC., New York City.  
NATIONAL FERTILIZER ASSOCIATION, INC., Washington, D. C.  
NATIONAL FIRE INSURANCE COMPANY OF HARTFORD, Hartford, Conn.  
NATIONAL FOREIGN TRADE COUNCIL, INC., New York City.  
NATIONAL FOUNDERS ASSOCIATION, Chicago, Ill.  
NATIONAL FUSE AND POWDER COMPANY, Denver, Colo.  
NATIONAL GYPSUM COMPANY, Buffalo, N. Y.  
NATIONAL LABOR BUREAU, San Francisco, Cal.  
NATIONAL LAW PRESS, New York City.  
NATIONAL LEAD COMPANY, New York City.  
NATIONAL LIFE INSURANCE COMPANY, Montpelier, Vt.  
NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION, Cleveland, O.  
NATIONAL MACHINERY COMPANY, Tiffin, O.  
NATIONAL MALLEABLE AND STEEL CASTINGS COMPANY, Cleveland, O.  
NATIONAL METAL TRADES ASSOCIATION, Chicago, Ill.  
NATIONAL RADIATOR COMPANY, Johnstown, Pa.



- NATIONAL REFINING COMPANY, Cleveland, O.  
NATIONAL RESOURCES COMMISSION OF CHINA, New York City.  
NATIONAL SCREW & MANUFACTURING COMPANY, Cleveland, O.  
NATIONAL SHAWMUT BANK OF BOSTON (THE), Boston, Mass.  
NATIONAL SMALL BUSINESS MEN'S ASSOCIATION, Chicago, Ill.  
NATIONAL STEEL CORPORATION, Pittsburgh, Pa.  
NATIONAL SUGAR REFINING COMPANY, New York City.  
NATIONAL SUPPLY CO., Pittsburgh, Pa.  
NATIONAL VULCANIZED FIBRE COMPANY, Wilmington, Del.  
NAZARETH CEMENT COMPANY, Nazareth, Pa.  
NEHI CORPORATION, Columbus, Ga.  
NEISLER MILLS, INC., Kings Mountain, N. C.  
NEJELSKI, LEO, New York City.  
NEKOOSA-EDWARDS PAPER COMPANY, Port Edwards, Wis.  
NEPTUNE METER COMPANY, New York City.  
NESTLÉ'S MILK PRODUCTS, INC., New York City.  
NETHERLANDS ECONOMIC MISSION, Washington, D. C.  
NETHERLANDS INDIES (TRADE COMMISSIONER FOR THE), New York City.  
NETTLETON TIMBER COMPANY, Seattle, Wash.  
NEUMANN (R.), & COMPANY, Hoboken, N. J.  
NEVADA-MASSACHUSETTS COMPANY, INC., Sonoma, Cal.  
NEVINS-CHURCH PRESS, Bloomfield, N. J.  
NEW BEDFORD RAYON COMPANY, New Bedford, Mass.  
NEW DEPARTURE—DIVISION GENERAL MOTORS CORPORATION, Bristol, Conn.  
NEW ENGLAND COUNCIL, Boston, Mass.  
NEW ENGLAND MUTUAL LIFE INSURANCE COMPANY, Boston, Mass.  
NEW ENGLAND POWER COMPANY, Boston, Mass.  
NEW ENGLAND PUBLIC SERVICE COMPANY, Augusta, Me.  
NEW ENGLAND SMELTING WORKS, INCORPORATED, West Springfield, Mass.  
NEW ENGLAND TAPE COMPANY, INC., Hudson, Mass.  
NEW HAVEN CLOCK COMPANY, New Haven, Conn.  
NEW HAVEN PULP & BOARD CO., (THE), New Haven, Conn.  
NEW HAVEN YMCA JUNIOR COLLEGE, New Haven, Conn.  
NEW JERSEY COLLEGE FOR WOMEN LIBRARY, New Brunswick, N. J.  
NEW JERSEY DEPARTMENT OF ECONOMIC DEVELOPMENT, Trenton, N. J.  
NEW JERSEY POWER & LIGHT COMPANY, Dover, N. J.  
NEW JERSEY STATE CHAMBER OF COMMERCE, Newark, N. J.  
NEW JERSEY WOOD FINISHING COMPANY, Woodbridge, N. J.  
NEW JERSEY ZINC COMPANY, New York City.  
NEW ORLEANS PUBLIC SERVICE INC., New Orleans, La.  
NEW PROCESS GEAR COMPANY, INC., Syracuse, N. Y.  
NEW YORK (STATE OF), DIVISION OF COMMERCE, Albany, N. Y.  
NEW YORK AIR BRAKE COMPANY, New York City.  
NEW YORK CENTRAL RAILROAD COMPANY, New York City.  
NEW YORK CITY OMNIBUS CORPORATION, New York City.  
NEW YORK DOCK COMPANY, New York City.  
NEW YORK LIFE INSURANCE COMPANY, New York City.  
NEW YORK, NEW HAVEN AND HARTFORD RAILROAD COMPANY, (THE) New Haven, Conn.  
NEW YORK NEWS, New York City.  
NEW YORK & QUEENS ELECTRIC LIGHT & POWER COMPANY, Long Island City, N. Y.  
NEW YORK QUININE & CHEMICAL WORKS, INC., Brooklyn, N. Y.



NEW YORK SHIPPING ASSOCIATION, New York City.  
NEW YORK STATE LIBRARY, Albany, N. Y.  
NEW YORK STATE PUBLISHERS ASSOCIATION, Syracuse, N. Y.  
NEW YORK STOCK EXCHANGE, New York City.  
NEW YORK TRANSFORMER COMPANY, New York City.  
NEW YORK TRUST COMPANY, New York City.  
NEW YORK UNIVERSITY, COMMERCE LIBRARY, New York City.  
NEW YORK UNIVERSITY, WALL STREET DIVISION LIBRARY, New York City.  
NEW YORK UNIVERSITY, WASHINGTON SQUARE LIBRARY, New York City.  
NEW YORKER (THE), New York City.  
NEWARK COLLEGE OF ENGINEERING AND NEWARK TECHNICAL SCHOOL, Newark,  
N. J.  
NEWARK, NEW JERSEY PUBLIC LIBRARY, BUSINESS BRANCH, Newark, N. J.  
NEWFOUNDLAND INDUSTRIAL DEVELOPMENT BOARD, St. John's, Newfoundland.  
NEWMARKET MANUFACTURING COMPANY, Lowell, Mass.  
NEWPORT NEWS SHIPBUILDING AND DRY DOCK COMPANY, Newport News, Va.  
NEWSOM (EARL) & COMPANY, New York City.  
NEWSPRINT ASSOCIATION OF CANADA, Montreal, Canada.  
NEWSPRINT MANUFACTURERS ASSOCIATION OF THE UNITED STATES, New York City.  
NEWSWEEK, New York City.  
NIAGARA ALKALI COMPANY, New York City.  
NIAGARA HUDSON POWER CORPORATION, New York City.  
NICHOLS ENGINEERING & RESEARCH CORPORATION, New York City.  
NICHOLSON FILE COMPANY, Providence, R. I.  
NIELSEN (A. C.) COMPANY, Chicago, Ill.  
NILES-BEMENT-POND COMPANY, West Hartford, Conn.  
NOMEND HOSIERY, INC., Philadelphia, Pa.  
NORANDA MINES, LIMITED, Toronto, Canada.  
NORDBERG MANUFACTURING COMPANY, Milwaukee, Wis.  
NORDEN (CARL L.), INC., New York City.  
NORFOLK AND WESTERN RAILWAY COMPANY, Roanoke, Va.  
NORMA-HOFFMANN BEARINGS CORPORATION, Stamford, Conn.  
NORRIS STAMPING AND MANUFACTURING COMPANY, Los Angeles, Cal.  
NORTH AMERICAN AVIATION, INC., Inglewood, Cal.  
NORTH AMERICAN CEMENT CORPORATION, New York City.  
NORTH AMERICAN COMPANY, New York City.  
NORTH AMERICAN MANUFACTURING COMPANY (THE), Cleveland, O.  
NORTH AMERICAN PHILIPS COMPANY, INC., New York City.  
NORTH BROS. MANUFACTURING COMPANY, Philadelphia, Pa.  
NORTH CAROLINA MUTUAL LIFE INSURANCE COMPANY (THE), Durham, N. C.  
NORTH & JUDD MANUFACTURING COMPANY, New Britain, Conn.  
NORTH STAR WOOLEN MILL COMPANY, Minneapolis, Minn.  
NORTHEASTERN UNIVERSITY, Boston, Mass.  
NORTHERN CONTRACTING COMPANY, Philadelphia, Pa.  
NORTHERN ELECTRIC COMPANY, LTD., Montreal, Canada.  
NORTHERN INDIANA BRASS COMPANY, Elkhart, Ind.  
NORTHERN MALLEABLE IRON COMPANY, St. Paul, Minn.  
NORTHERN PAPER MILLS, Green Bay, Wis.  
NORTHERN STATES POWER COMPANY, Minneapolis, Minn.  
NORTHERN TRUST COMPANY, Chicago, Ill.  
NORTHROP, KING & COMPANY, Minneapolis, Minn.  
NORTHWEST AIRLINES, INC., St. Paul, Minn.



- NORTHWEST BANCORPORATION, Minneapolis, Minn.  
NORTHWEST ENGINEERING COMPANY, Chicago, Ill.  
NORTHWEST PAPER COMPANY, Cloquet, Minn.  
NORTHWESTERN MUTUAL LIFE INSURANCE COMPANY, Milwaukee, Wis.  
NORTHWESTERN PUBLIC SERVICE COMPANY, Huron, S. D.  
NORTHWESTERN UNIVERSITY, Evanston, Ill.  
NORTHWESTERN UNIVERSITY, THE JOS. SCHAFFNER LIBRARY OF COMMERCE,  
Chicago, Ill.  
NORTON COMPANY, Worcester, Mass.  
NORWICH KNITTING COMPANY, Norwich, N. Y.  
NUNN-BUSH SHOE COMPANY, Milwaukee, Wis.  
NUTTER, MCCLENNEN & FISH, Boston, Mass.
- O. K. TOOL COMPANY (THE), INC., New York City.  
OAKITE PRODUCTS INC., New York City.  
OAKLAND CHEMICAL COMPANY, New York City.  
OBERDORFER FOUNDRIES, INC., Syracuse, N. Y.  
OGLIVIE FLOUR MILLS CO. (THE), LIMITED, Montreal, Quebec, Canada.  
OGLEBAY NORTON & COMPANY, Cleveland, O.  
OHIO CHAMBER OF COMMERCE, Columbus, O.  
OHIO EDISON COMPANY, Akron, O.  
OHIO FARM BUREAU CORPORATION, Columbus, O.  
OHIO FERRO-ALLOYS CORPORATION, Canton, O.  
OHIO LEATHER COMPANY, Girard, O.  
OHIO NATIONAL LIFE INSURANCE COMPANY, Cincinnati, O.  
OHIO OIL COMPANY, Findlay, O.  
OHIO RUBBER COMPANY, Willoughby, O.  
OHIO SEAMLESS TUBE COMPANY, Shelby, O.  
OHIO STATE UNIVERSITY, Columbus, O.  
OHIO STEEL FOUNDRY COMPANY, Lima, O.  
OHIO UNIVERSITY, Athens, O.  
OHRBACH'S INC., New York City.  
OKLAHOMA AGRICULTURAL AND MECHANICAL COLLEGE, Stillwater, Okla.  
OKLAHOMA GAS AND ELECTRIC COMPANY, Oklahoma City, Okla.  
OKLAHOMA PUBLISHING COMPANY, Oklahoma City, Okla.  
OKONITE COMPANY, Passaic, N. J.  
OLDBURY ELECTRO-CHEMICAL COMPANY, Niagara Falls, N. Y.  
OLIN INDUSTRIES, East Alton, Ill.  
OLIVER CORPORATION, Battle Creek, Mich.  
OMAHA CHAMBER OF COMMERCE, Omaha, Neb.  
ONEIDA LTD., Oneida, N. Y.  
ONTONAGON FIBRE CORPORATION, Ontonagon, Mich.  
OPINION RESEARCH CORPORATION, Princeton, N. J.  
ORCHARD PAPER COMPANY, St. Louis, Mo.  
ORR & SEMBOWER, INC., Reading, Pa.  
ORTHO PRODUCTS COMPANY, Linden, N. J.  
OSBORN MANUFACTURING COMPANY, Cleveland, O.  
OSTER (JOHN) MANUFACTURING CO., Racine, Wis.  
OSTER MANUFACTURING COMPANY, Cleveland, O.  
O'SULLIVAN RUBBER CO. (THE), INC., Winchester, Va.  
OSWEGO FALLS CORPORATION, Fulton, N. Y.  
OTIS ELEVATOR COMPANY, New York City.



OTIS, HAROLD, New York City.

OVAL WOOD DISH CORPORATION, Tupper Lake, N. Y.

OWENS-CORNING FIBERGLAS CORPORATION, Toledo, O.

OWENS-ILLINOIS GLASS COMPANY, Toledo, O.

OX FIBRE BRUSH COMPANY, INC., New York City.

OXFORD PAPER COMPANY, New York City.

PABST BREWING COMPANY, Chicago, Ill.

PACIFIC GAS AND ELECTRIC COMPANY, San Francisco, Cal.

PACIFIC MILLS, New York City.

PACIFIC NORTHWEST NEWSPAPER ASSOCIATION, Portland, Ore.

PACKAGE MACHINERY COMPANY, Springfield, Mass.

PACKARD MOTOR CAR COMPANY, Detroit, Mich.

PALEY MANUFACTURING COMPANY, Pittsburgh, Pa.

PAN AMERICAN AIRWAYS, INC., New York City.

PAN AMERICAN PETROLEUM & TRANSPORT COMPANY, New York City.

PANGBORN CORPORATION, Hagerstown, Md.

PAPER MANUFACTURERS COMPANY, INC., Philadelphia, Pa.

PAPER MILL WIRE CLOTH MANUFACTURERS' ASSOCIATION, Washington, D. C.

PARAMOUNT PICTURES, INC., New York City.

PARKE, DAVIS & COMPANY, Detroit, Mich.

PARKER APPLIANCE COMPANY (THE), Cleveland, O.

PARKER-KALON CORPORATION, New York City.

PARKER PEN COMPANY, Janesville, Wis.

PARKER, WILDER & COMPANY, New York City.

PARRISH (AMOS) & COMPANY, INC., New York City.

PASS & SEYMOUR, INC., Syracuse, N. Y.

PATCHOGUE-PLYMOUTH MILLS CORPORATION, New York City.

PATENT BUTTON COMPANY, Waterbury, Conn.

PEAVEY (F. H.) & COMPANY, Minneapolis, Minn.

PECK, STOW & WILCOX COMPANY (THE), Southington, Conn.

PEISCH, ANGELL & COMPANY, Norwich, Vt.

PENN METAL CORPORATION OF PENNA., Philadelphia, Pa.

PENN MUTUAL LIFE INSURANCE COMPANY, Philadelphia, Pa.

PENN STEEL CASTINGS COMPANY, Chester, Pa.

PENN STEVEDORING COMPANY, New York City.

PENNSYLVANIA-CENTRAL AIRLINES CORPORATION, Washington, D. C.

PENNSYLVANIA COAL COMPANY, Scranton, Pa.

PENNSYLVANIA COMPANY FOR INSURANCES ON LIVES AND GRANTING ANNUITIES,  
Philadelphia, Pa.

PENNSYLVANIA-DIXIE CEMENT CORPORATION, New York City.

PENNSYLVANIA ECONOMY LEAGUE, INC., Philadelphia, Pa.

PENNSYLVANIA FORGE CORPORATION, Philadelphia, Pa.

PENNSYLVANIA GREYHOUND LINES, INC., Cleveland, O.

PENNSYLVANIA MANUFACTURERS' ASSOCIATION, Philadelphia, Pa.

PENNSYLVANIA RAILROAD COMPANY, Philadelphia, Pa.

PENNSYLVANIA SALT MANUFACTURING COMPANY, Philadelphia, Pa.

PENNSYLVANIA STATE CHAMBER OF COMMERCE, Harrisburg, Pa.

PENNSYLVANIA STATE COLLEGE, State College, Pa.

PENNSYLVANIA STATE COLLEGE, EXTENSION LIBRARY, State College, Pa.

PENNSYLVANIA TRUCK LINES, INC., Pittsburgh, Pa.

PENSION PLANNING COMPANY, New York City.



PENTON PUBLISHING COMPANY, Cleveland, O.  
PEOPLES GAS LIGHT AND COKE COMPANY, Chicago, Ill.  
PEOPLES NATURAL GAS COMPANY (THE), Pittsburgh, Pa.  
PEORIA CORDAGE COMPANY, Peoria, Ill.  
PEORIA MANUFACTURERS' ASSOCIATION, Peoria, Ill.  
PEPER (CHRISTIAN) TOBACCO COMPANY, St. Louis, Mo.  
PEPPERELL MANUFACTURING COMPANY, Boston, Mass.  
PEPSI-COLA COMPANY, Long Island City, N. Y.  
PERFEX CORPORATION, Milwaukee, Wis.  
PERKINS MACHINE AND GEAR COMPANY, Springfield, Mass.  
PERMANENTE METALS CORPORATION (THE), Richmond, Cal.  
PERMUTIT COMPANY, New York City.  
PETER CAILLER KOHLER SWISS CHOCOLATES COMPANY, INC., Fulton, N. Y.  
PETERS AND RUSSELL, INC., Springfield, O.  
PETTIBONE MULLIKEN CORPORATION, Chicago, Ill.  
PFAUDLER COMPANY, Rochester, N. Y.  
PFISTER & VOGEL TANNING COMPANY, Milwaukee, Wis.  
PFIZER (CHAS.) & COMPANY, INC., New York City.  
PHARIS TIRE & RUBBER COMPANY (THE), Newark, O.  
PHELPS DODGE CORPORATION, New York City.  
PHEOLL MANUFACTURING COMPANY, Chicago, Ill.  
PHILADELPHIA COMPANY, Pittsburgh, Pa.  
PHILADELPHIA ELECTRIC COMPANY, Philadelphia, Pa.  
PHILADELPHIA NATIONAL BANK, Philadelphia, Pa.  
PHILADELPHIA QUARTZ COMPANY, Philadelphia, Pa.  
PHILADELPHIA RECORD, Philadelphia, Pa.  
PHILADELPHIA TRANSPORTATION COMPANY, Philadelphia, Pa.  
PHILCO CORPORATION, Philadelphia, Pa.  
PHILLIPS PETROLEUM COMPANY, Bartlesville, Okla.  
PHOENIX INSURANCE COMPANY, Hartford, Conn.  
PHOENIX MUTUAL LIFE INSURANCE COMPANY, Hartford, Conn.  
PICKANDS MATHER & COMPANY, Cleveland, O.  
PILLSBURY FLOUR MILLS COMPANY, Minneapolis, Minn.  
PINE INDUSTRIAL RELATIONS COMMITTEE, INC., Klamath Falls, Ore.  
PINEAPPLE GROWERS ASSOCIATION OF HAWAII, San Francisco, Cal.  
PITNEY-BOWES POSTAGE METER COMPANY, Stamford, Conn.  
PITTSBURGH COAL COMPANY, Pittsburgh, Pa.  
PITTSBURGH EQUITABLE METER COMPANY, Pittsburgh, Pa.  
PITTSBURGH FORGINGS COMPANY, Pittsburgh, Pa.  
PITTSBURGH & LAKE ERIE RAILROAD COMPANY, Pittsburgh, Pa.  
PITTSBURGH PLATE GLASS COMPANY, Pittsburgh, Pa.  
PITTSBURGH SCREW AND BOLT CORPORATION, Pittsburgh, Pa.  
PITSTON COMPANY, Hoboken, N. J.  
PLAINVILLE CASTING COMPANY, Plainville, Conn.  
PLANTE, ELORIAN, Detroit, Mich.  
PLASKON DIVISION, LIBBEY-OWENS-FORD GLASS COMPANY, Toledo, O.  
PLOMB TOOL COMPANY, Los Angeles, Cal.  
PLYMOUTH CORDAGE COMPANY, North Plymouth, Mass.  
PODELL, DAVID L., New York City.  
POLAROID CORPORATION, Cambridge, Mass.  
POLLAK MANUFACTURING COMPANY, Arlington, N. J.  
PONEMAH MILLS, Taftville, Conn.



POOR & COMPANY, Chicago, Ill.  
PORTER-CABLE MACHINE COMPANY, Syracuse, N. Y.  
PORTER (ROBERT WRAY) ORGANIZATION, New York City.  
PORTLAND GAS & COKE COMPANY, Portland, Ore.  
POTLATCH FORESTS, INC., Lewiston, Idaho.  
POTOMAC EDISON COMPANY, Hagerstown, Md.  
POTOMAC ELECTRIC POWER COMPANY, Washington, D. C.  
POWELL RIVER COMPANY LIMITED, Powell River, Canada.  
PRATT (ENOCH) FREE LIBRARY, Baltimore, Md.  
PRECISION CASTINGS COMPANY, INC., Syracuse, N. Y.  
PRECISION GRINDING WHEEL COMPANY, INC., Philadelphia, Pa.  
PRECISION SCIENTIFIC COMPANY, Chicago, Ill.  
PREFERRED ACCIDENT INSURANCE COMPANY, New York City.  
PRESS WIRELESS, INC., New York City.  
PRICE (T. ROWE), JR., AND ASSOCIATES, Baltimore, Md.  
PRICE, WATERHOUSE & CO., New York City.  
PRINCETON UNIVERSITY, SCHOOL OF ENGINEERING, Princeton, N. J.  
PRISCILLA BRAID COMPANY, Central Falls, R. I.  
PRITZLAFF (JOHN) HARDWARE COMPANY, Milwaukee, Wis.  
PROCTER & GAMBLE COMPANY, Cincinnati, O.  
PRODUCERS' COUNCIL (THE), INC., Washington, D. C.  
PROGRESSIVE MANUFACTURING COMPANY, Torrington, Conn.  
PROSKAUER ROSE GOETZ & MENDELSON, New York City.  
PROSPERITY COMPANY, INC., Syracuse, N. Y.  
PROVIDENCE JOURNAL (THE) AND THE EVENING BULLETIN, Providence, R. I.  
PROVIDENT MUTUAL LIFE INSURANCE COMPANY, Philadelphia, Pa.  
PROVIDENT TRUST COMPANY OF PHILADELPHIA, Philadelphia, Pa.  
PRUDENTIAL INSURANCE COMPANY OF AMERICA, Newark, N. J.  
PUBLIC LIBRARY, Ann Arbor, Mich.  
PUBLIC LIBRARY, Detroit, Mich.  
PUBLIC LIBRARY, South Bend, Ind.  
PUBLIC LIBRARY OF CINCINNATI, Cincinnati, O.  
PUBLIC LIBRARY OF NEW SOUTH WALES, Sydney, Australia.  
PUBLIC LIBRARY OF YOUNGSTOWN AND MAHONING COUNTY, Youngstown, O.  
PUBLIC SERVICE COMPANY OF NORTHERN ILLINOIS, Chicago, Ill.  
PUBLIC SERVICE ELECTRIC AND GAS COMPANY, Newark, N. J.  
PUBLIC UTILITY ENGINEERING AND SERVICE CORPORATION, Chicago, Ill.  
PUBLICKER COMMERCIAL ALCOHOL COMPANY, Philadelphia, Pa.  
PUBLISHERS' ASSOCIATION OF NEW YORK CITY, New York City.  
PULLMAN INCORPORATED, Chicago, Ill.  
PURDUE UNIVERSITY, Lafayette, Ind.  
PURE OIL COMPANY, Chicago, Ill.  
PURITAN STATIONERY COMPANY, Philadelphia, Pa.  
PUROLATOR PRODUCTS, INC., Newark, N. J.  
PYLE-NATIONAL COMPANY, Chicago, Ill.  
PYRAMID RUBBER COMPANY (THE), Ravenna, O.  
PYRENE MANUFACTURING COMPANY, Newark, N. J.

QUAKER OATS COMPANY, Chicago, Ill.  
QUEENS BOROUGH PUBLIC LIBRARY, Jamaica, N. Y.  
QUIGAN (FRANK J.) INC., Maspeth, L. I., N. Y.



RACQUETTE RIVER PAPER COMPANY, Potsdam, N. Y.  
RADIO CORPORATION OF AMERICA, New York City.  
RAILROAD RETIREMENT BOARD, Chicago, Ill.  
RAILWAY BUSINESS ASSOCIATION, Chicago, Ill.  
RAILWAY EMPLOYEES' DEPARTMENT, A. F. OF L., Chicago, Ill.  
RAILWAY EXPRESS AGENCY, INCORPORATED, New York City.  
RAILWAY & INDUSTRIAL ENGINEERING COMPANY, Greensburg, Pa.  
RAILWAY SUPPLY & MANUFACTURING CO. (THE), Cincinnati, O.  
RALSTON STEEL CAR COMPANY (THE), Columbus, O.  
RANCO, INC., Columbus, O.  
RATH PACKING COMPANY, Waterloo, Ia.  
RATH & STRONG, INC., Boston, Mass.  
RAUSCH, C. G., Akron, O.  
RAYBESTOS-MANHATTAN, INC., Passaic, N. J.  
RAYMOND CONCRETE PILE COMPANY, New York City.  
RAYMOND LABORATORIES, INC., St. Paul, Minn.  
RAY-O-VAC COMPANY, Madison, Wis.  
RAYTHEON MANUFACTURING COMPANY, Waltham, Mass.  
READER'S DIGEST ASSOCIATION, INC., Pleasantville, N. Y.  
READING COMPANY, Philadelphia, Pa.  
REALTY ADVISORY BOARD ON LABOR RELATIONS, INC., New York City.  
RED RIVER LUMBER COMPANY, Minneapolis, Minn.  
REECE BUTTON HOLE MACHINE COMPANY, Boston, Mass.  
REED & BARTON CORPORATION, Taunton, Mass.  
REED-PRENTICE CORPORATION, Worcester, Mass.  
REED ROLLER BIT COMPANY, Houston, Tex.  
REEVES STEEL AND MANUFACTURING COMPANY, Dover, O.  
REGINA CORPORATION, INC., Rahway, N. J.  
REISS (C.) COAL COMPANY, Sheboygan, Wis.  
REISS-PREMIER CORPORATION (THE), West New York, N. J.  
RELiance ELECTRIC & ENGINEERING COMPANY, Cleveland, O.  
REMINGTON RAND INC., New York City.  
RENSSELAER POLYTECHNIC INSTITUTE, Troy, N. Y.  
REPUBLIC AVIATION CORPORATION, Farmingdale, N. Y.  
REPUBLIC DRILL & TOOL COMPANY, Chicago, Ill.  
REPUBLIC STAMPING & ENAMELING COMPANY, Canton, O.  
REPUBLIC STEEL CORPORATION, Cleveland, O.  
REPUBLICAN NATIONAL COMMITTEE, Washington, D. C.  
RESOR, STANLEY, New York City.  
REVERE COPPER AND BRASS INCORPORATED, New York City.  
REVOLUTION COTTON MILLS, Greensboro, N. C.  
REYNOLDS & COMPANY, New York City.  
REYNOLDS METALS COMPANY, INC., Louisville, Ky.  
REYNOLDS (R. J.) TOBACCO COMPANY, Winston-Salem, N. C.  
REYNOLDS & REYNOLDS COMPANY, (THE), Dayton, O.  
RHEEM MANUFACTURING COMPANY, INCORPORATED, New York City.  
RHODE ISLAND STATE COLLEGE, Kingston, R. I.  
RICHARDSON CORPORATION, Rochester, N. Y.  
RICHMAN BROTHERS COMPANY, Cleveland, O.  
RICHMOND HOSIERY MILLS, Rossville, Ga.  
RIEGEL PAPER CORPORATION, New York City.  
RIGGS NATIONAL BANK, Washington, D. C.



- RIKE-KUMLER COMPANY (THE), Dayton, O.  
RILEY STOKER CORPORATION, Worcester, Mass.  
RITCHIE (W. C.) AND COMPANY, Chicago, Ill.  
RITTER COMPANY, INC., Rochester, N. Y.  
RIVERSIDE & DAN RIVER COTTON MILLS, INC., Danville, Va.  
RIVERSIDE METAL COMPANY, Riverside, N. J.  
RIVERSIDE PAPER CORPORATION, Appleton, Wis.  
ROBBINS & MYERS, INC., Springfield, O.  
ROBERTSHAW THERMOSTAT COMPANY, Youngwood, Pa.  
ROBERTSON (H. H.) COMPANY, Pittsburgh, Pa.  
ROBESON PROCESS COMPANY, New York City.  
ROBINS CONVEYORS INCORPORATED, Passaic, N. J.  
ROCHESTER GAS AND ELECTRIC CORPORATION, Rochester, N. Y.  
ROCHESTER INSTITUTE OF TECHNOLOGY, Rochester, N. Y.  
ROCHESTER PUBLIC LIBRARY, Rochester, N. Y.  
ROCHESTER TELEPHONE CORPORATION, Rochester, N. Y.  
ROCK OF AGES CORPORATION, Batte, Vt.  
ROCKBESTOS PRODUCTS CORPORATION, New Haven, Conn.  
ROCKERBOX CORPORATION (THE), New Haven, Conn.  
ROCKHURST COLLEGE LIBRARY, Kansas City, Mo.  
ROCKLAND LIGHT AND POWER COMPANY, Nyack, N. Y.  
ROCKY MOUNTAIN DRILLING COMPANY, Los Angeles, Cal.  
ROEBLING'S (JOHN A.) SONS COMPANY, Trenton, N. J.  
ROGERS CORPORATION, Manchester, Conn.  
ROGERS & SLADE, New York City.  
ROHM & HAAS COMPANY, Philadelphia, Pa.  
ROHR AIRCRAFT CORPORATION, Chula Vista, Cal.  
ROME CABLE CORPORATION, Rome, N. Y.  
ROTARY ELECTRIC STEEL COMPANY, Detroit, Mich.  
ROTARY LIFT COMPANY, Memphis, Tenn.  
ROTHSCHILD (L. F.) & COMPANY, New York City.  
ROXALIN FLEXIBLE FINISHES, INC., Elizabeth, N. J.  
ROXBORO COTTON MILLS, Roxboro, N. C.  
ROYAL-LIVERPOOL GROUPS, New York City.  
ROYAL TYPEWRITER COMPANY, INC., New York City.  
RUBBER MANUFACTURERS ASSOCIATION, INC., New York City.  
RUMFORD CHEMICAL WORKS, Rumford, R. I.  
RUNDLE MANUFACTURING COMPANY, Milwaukee, Wis.  
RUSSELL, BERG & COMPANY, Boston, Mass.  
RUSSELL HARRINGTON CUTLERY COMPANY, Southbridge, Mass.  
RUSSELL MANUFACTURING COMPANY, Middletown, Conn.  
RUSTLESS IRON AND STEEL CORPORATION, Baltimore, Md.  
RUTGERS UNIVERSITY LIBRARY, New Brunswick, N. J.  
RYAN, PAUL, New York City.  
RYERSON (JOSEPH T.) & SON, INC., Chicago, Ill.
- SACO-LOWELL SHOPS, Boston, Mass.  
SAFE DEPOSIT & TRUST COMPANY OF BALTIMORE, Baltimore, Md.  
SAFeway STORES, INCORPORATED, Oakland, Cal.  
ST. CLAIR PROCESSING CORPORATION, LTD., Sarnia, Ontario, Canada.  
ST. LOUIS NEWSPAPER PUBLISHERS' ASSOCIATION, St. Louis, Mo.  
ST. LOUIS PUBLIC LIBRARY, St. Louis, Mo.



ST. LOUIS UNIVERSITY, SCHOOL OF COMMERCE AND FINANCE, St. Louis, Mo.  
ST. PAUL COMMITTEE ON INDUSTRIAL RELATIONS, St. Paul, Minn.  
ST. PAUL FIRE AND MARINE INSURANCE COMPANY, St. Paul, Minn.  
ST. PAUL PUBLIC LIBRARY, St. Paul, Minn.  
ST. REGIS PAPER COMPANY, New York City.  
SALES AFFILIATES, INC., New York City.  
SAM'S CUT RATE, INC., Detroit, Mich.  
SAMSON CORDAGE WORKS, Boston, Mass.  
SANDURA COMPANY, INC., Philadelphia, Pa.  
SAN FRANCISCO BANK (THE), San Francisco, Cal.  
SAN FRANCISCO EMPLOYERS COUNCIL, San Francisco, Cal.  
SAN FRANCISCO PUBLIC LIBRARY, San Francisco, Cal.  
SANGAMO ELECTRIC COMPANY, Springfield, Ill.  
SARGENT & COMPANY, New Haven, Conn.  
SAVAGE ARMS CORPORATION, Utica, N. Y.  
SAVANNAH ELECTRIC AND POWER COMPANY, Savannah, Ga.  
SAYLES FINISHING PLANTS, INC., Saylesville, R. I.  
SCHENLEY DISTILLERS CORPORATION, New York City.  
SCHERING CORPORATION, Bloomfield, N. J.  
SCHLAGE LOCK COMPANY, San Francisco, Cal.  
SCHLITZ (JOS.) BREWING COMPANY, Milwaukee, Wis.  
SCHMIDT & AULT PAPER COMPANY, York, Pa.  
SCHOENEMAN (J.), INCORPORATED, Baltimore, Md.  
SCHULTZ DIE CASTING COMPANY, Toledo, O.  
SCHULZ (A. GEO.) COMPANY, Milwaukee, Wis.  
SCHUSTER (ED.) & COMPANY, INCORPORATED, Milwaukee, Wis.  
SCHWEITZER (PETER J.), INC., Elizabeth, N. J.  
SCOTT BROS., INCORPORATED, Philadelphia, Pa.  
SCOTT (O. M.) AND SONS COMPANY, Marysville, O.  
SCOTT PAPER COMPANY, Chester, Pa.  
SCOTT AND WILLIAMS, INC., Laconia, N. H.  
SCOVELL, WELLINGTON & COMPANY, New York City.  
SCOVILL MANUFACTURING COMPANY, Waterbury, Conn.  
SCRANTON (CHARLES W.) & COMPANY, New Haven, Conn.  
SCUDDER, STEVENS & CLARK, Boston, Mass.  
SEABOARD AIR LINE RAILWAY, Norfolk, Va.  
SEAGRAM (JOSEPH E.) & SONS, INC., New York City.  
SEAGRAVE CORPORATION, Columbus, O.  
SEARS, ROEBUCK AND COMPANY, Chicago, Ill.  
SEATTLE GAS COMPANY, Seattle, Wash.  
SEATTLE PUBLIC LIBRARY, Seattle, Wash.  
SECURITY-FIRST NATIONAL BANK OF LOS ANGELES, Los Angeles, Cal.  
SECURITY INSURANCE COMPANY OF NEW HAVEN, New Haven, Conn.  
SECURITY NATIONAL BANK, Sheboygan, Wis.  
SEIBERLING RUBBER COMPANY, Akron, O.  
SEIDMAN & SEIDMAN, New York City.  
SELBY SHOE COMPANY, Portsmouth, O.  
SELIGMAN (J. & W.) & COMPANY, New York City.  
SENECA FALLS MACHINE COMPANY, Seneca Falls, N. Y.  
SERVEL, INC., Evansville, Ind.  
SESSIONS (J. H.) & SON, Bristol, Conn.  
SHAKESPEARE COMPANY, Kalamazoo, Mich.



SHARPE & DOHME, INC., Philadelphia, Pa.  
SHARPLES CORPORATION, Philadelphia, Pa.  
SHAWINIGAN WATER & POWER COMPANY, Montreal, Canada.  
SHAW-WALKER COMPANY, Muskegon, Mich.  
SHEARSON, HAMMILL & COMPANY, New York City.  
SHEFFIELD FARMS COMPANY, INC., New York City.  
SHELL OIL COMPANY, INC., New York City.  
SHELLMAR PRODUCTS COMPANY, Mount Vernon, O.  
SHENANGO FURNACE COMPANY, Pittsburgh, Pa.  
SHEPARD ELEVATOR COMPANY, Cincinnati, O.  
SHEPARD NILES CRANE & HOIST CORPORATION, Montour Falls, N. Y.  
SHERIDAN, LEWIS C., New York City.  
SHERWIN-WILLIAMS COMPANY, Cleveland, O.  
SHILLITO (THE JOHN) COMPANY, Cincinnati, O.  
SHIP REPAIR YARDS ASSOCIATION, INC., New York City.  
SHULER & BENNINGHOFFEN, Hamilton, O.  
SHURE BROTHERS, Chicago, Ill.  
SHURON OPTICAL COMPANY, Geneva, N. Y.  
SIGNAL ENGINEERING AND MANUFACTURING COMPANY, New York City.  
SIGNAL OIL AND GAS COMPANY, Los Angeles, Cal.  
SIGNODE STEEL STRAPPING COMPANY, Chicago, Ill.  
SIMMONS AEROCESSORIES, INC., New York City.  
SIMMONS-BOARDMAN PUBLISHING CORPORATION, New York City.  
SIMMONS, GRANT G., New York City.  
SIMMONS SAW AND STEEL COMPANY, Fitchburg, Mass.  
SIMMONS WORDEN WHITE COMPANY, Dayton, O.  
SIMONS & GREELEY, New York City.  
SIMPSON LOGGING COMPANY, Shelton, Wash.  
SINCLAIR OIL CORPORATION, New York City.  
SINGER MANUFACTURING COMPANY, New York City.  
SIXTY WALL TOWER, INC., New York City.  
SKF INDUSTRIES INC., Philadelphia, Pa.  
SLATER (S.) & SONS, INC., Greensboro, N. C.  
SLOANE (W. & J.), New York City.  
SMITH (ALEXANDER) & SONS CARPET COMPANY, Yonkers, N. Y.  
SMITH (A. O.) CORPORATION, Milwaukee, Wis.  
SMITH (A. P.) MANUFACTURING COMPANY, East Orange, N. J.  
SMITH, BARNEY & COMPANY, New York City.  
SMITH BROTHERS, INC., Poughkeepsie, N. Y.  
SMITH (F. A.) MANUFACTURING COMPANY, INC., Rochester, N. Y.  
SMITH (L. C.) & CORONA TYPEWRITERS, INC., Syracuse, N. Y.  
SMITH (S. MORGAN) COMPANY, York, Pa.  
SMYTH MANUFACTURING COMPANY, Hartford, Conn.  
SNOQUALMIE FALLS LUMBER COMPANY, Snoqualmie Falls, Wash.  
SOCIETY FOR SAVINGS IN THE CITY OF CLEVELAND, Cleveland, O.  
SOCONY-VACUUM OIL COMPANY, INCORPORATED, New York City.  
SOLAR CORPORATION, Milwaukee, Wis.  
SOLAR MANUFACTURING CORPORATION, New York City.  
SOLO-SERVE COMPANY, INC., San Antonio, Tex.  
SOLUM, KARL J., Kenosha, Wis.  
SONNEBORN (L.) SONS, INC., New York City.  
SONOCO PRODUCTS COMPANY, Hartsville, S. C.



- SONOTONE CORPORATION, Elmsford, N. Y.  
SOULE STEEL COMPANY, San Francisco, Cal.  
SOUTH CAROLINA POWER COMPANY, Charleston, S. C.  
SOUTHERN CALIFORNIA EDISON COMPANY, LTD., Los Angeles, Cal.  
SOUTHERN CALIFORNIA GAS COMPANY, Los Angeles, Cal.  
SOUTHERN COAL PRODUCERS' ASSOCIATION, Washington, D. C.  
SOUTHERN METHODIST UNIVERSITY, FONDREN LIBRARY, Dallas, Tex.  
SOUTHERN PINE ASSOCIATION, New Orleans, La.  
SPALDING (A. G.) & BROS., INC., Chicopee, Mass.  
SPARTAN MILLS, Spartanburg, S. C.  
SPAULDING FIBRE COMPANY, INC., Tonawanda, N. Y.  
SPECIALTY PAPERS COMPANY, Dayton, O.  
SPENCER LENS COMPANY, Buffalo, N. Y.  
SPERRY GYROSCOPE COMPANY, INC., Great Neck, N. Y.  
SPERRY PRODUCTS, INC., Hoboken, N. J.  
SPICER MANUFACTURING CORPORATION, Toledo, O.  
SPIEGEL, INC., Chicago, Ill.  
SPOKANE PUBLIC LIBRARY, Spokane, Wash.  
SPONGE RUBBER PRODUCTS COMPANY, Shelton, Conn.  
SPOOL COTTON COMPANY, New York City.  
SQUIBB (E. R.) & SONS, Brooklyn, N. Y.  
STACKPOLE CARBON COMPANY, St. Marys, Elk Co., Pa.  
STANDARD ACCIDENT INSURANCE COMPANY, Detroit, Mich.  
STANDARD BRANDS, INCORPORATED, New York City.  
STANDARD FURNITURE COMPANY, Herkimer, N. Y.  
STANDARD OIL COMPANY OF CALIFORNIA, San Francisco, Cal.  
STANDARD OIL COMPANY (NEW JERSEY), New York City.  
STANDARD OIL COMPANY (OHIO), Cleveland, O.  
STANDARD OIL EMPLOYEES ASSOCIATION, Baton Rouge, La.  
STANDARD RAILWAY EQUIPMENT MANUFACTURING COMPANY, Chicago, Ill.  
STANDARD REGISTER COMPANY, Dayton, O.  
STANDARD TOOL COMPANY, Cleveland, O.  
STANFORD UNIVERSITY, GRADUATE SCHOOL OF BUSINESS, Stanford University, Cal.  
STANLEY WORKS (THE), New Britain, Conn.  
STAR BRUSH MANUFACTURING CO., INC., Boston, Mass.  
STAR ELECTRIC MOTOR COMPANY, Bloomfield, N. J.  
STARRETT (L. S.) COMPANY, Athol, Mass.  
STATE FARM MUTUAL AUTOMOBILE INSURANCE COMPANY, Bloomington, Ill.  
STATE MUTUAL LIFE ASSURANCE COMPANY, Worcester, Mass.  
STAUFFER CHEMICAL COMPANY, New York City.  
STECHER-TRAUNG LITHOGRAPH CORPORATION, Rochester, N. Y.  
STEINWAY & SONS, New York City.  
STEPHANO BROS., Philadelphia, Pa.  
STERLING FOUNDRY COMPANY, Wellington, O.  
STERN BROTHERS, New York City.  
STETSON (JOHN B.) COMPANY, Philadelphia, Pa.  
STEVENSON, JORDAN & HARRISON, INC., New York City.  
STEWART DRY GOODS COMPANY, INC., Louisville, Ky.  
STEWART-WARNER CORPORATION, Chicago, Ill.  
STIFEL (J. L.) & SONS, INC., Wheeling, W. Va.  
STILLWATER WORSTED MILLS, Harrisville, R. I.  
STOKELY FOODS, INC., Indianapolis, Ind.



- STOLPER STEEL PRODUCTS CORPORATION, Milwaukee, Wis.  
STONE & WEBSTER, INCORPORATED, Boston, Mass.  
STOUFFER CORPORATION (THE), Cleveland, O.  
STRATHMORE PAPER COMPANY, West Springfield, Mass.  
STRATTON GRAIN COMPANY, Milwaukee, Wis.  
STRAWBRIDGE & CLOTHIER, Philadelphia, Pa.  
STREET & SMITH PUBLICATIONS, INC., New York City.  
STREETER-AMET COMPANY, Chicago, Ill.  
STROBRIDGE LITHOGRAPHING COMPANY, Cincinnati, O.  
STROMBERG-CARLSON COMPANY, Rochester, N. Y.  
STUDEBAKER CORPORATION, South Bend, Ind.  
SUBMARINE SIGNAL COMPANY, Boston, Mass.  
SUGARMAN AND SCHNEIDER, Boston, Mass.  
SUN OIL COMPANY, Philadelphia, Pa.  
SUN SHIPBUILDING & DRY DOCK COMPANY, Chester, Pa.  
SUNBEAM ELECTRIC MANUFACTURING COMPANY, Evansville, Ind.  
SUNNEN PRODUCTS COMPANY, St. Louis, Mo.  
SUPERHEATER COMPANY, New York City.  
SUPERIOR OIL COMPANY, Los Angeles, Cal.  
SUPERIOR SCHOOL OF COMMERCE, Quebec, Canada.  
SURPASS LEATHER COMPANY, Philadelphia, Pa.  
SURVEYER (ARTHUR) & COMPANY, Montreal, Canada.  
SUSQUEHANNA COLLIERIES COMPANY, Cleveland, O.  
SUSQUEHANNA MILLS, INCORPORATED, New York City.  
SUTHERLAND PAPER COMPANY, Kalamazoo, Mich.  
SWANK, INC., Attleboro, Mass.  
SWIFT & COMPANY, Chicago, Ill.  
SYLVANIA ELECTRIC PRODUCTS, INC., Salem, Mass.  
SYLVANIA INDUSTRIAL CORPORATION, Fredericksburg, Va.  
SYMINGTON-GOULD CORPORATION, New York City.  
SYNTRON COMPANY, Homer City, Pa.  
SYRACUSE CHAMBER OF COMMERCE, Syracuse, N. Y.  
SYRACUSE UNIVERSITY LIBRARY, Syracuse, N. Y.
- TACO HEATERS, INC., New York City.  
TALON, INC., Meadville, Pa.  
TAMPA ELECTRIC COMPANY, Tampa, Fla.  
TANNERS' COUNCIL OF AMERICA, New York City.  
TAPPAN STOVE COMPANY, Mansfield, O.  
TARSCO CORPORATION, Providence, R. I.  
TAX FOUNDATION INCORPORATED, New York City.  
TAYLOR FORGE & PIPE WORKS, Chicago, Ill.  
TAYLOR INSTRUMENT COMPANIES, Rochester, N. Y.  
TEAGUE, CHARLES C., Santa Paula, Cal.  
TECH ART PLASTICS COMPANY, Long Island City, N. Y.  
TECUMSEH PRODUCTS COMPANY, Tecumseh, Mich.  
TEMPLE UNIVERSITY, SULLIVAN MEMORIAL LIBRARY, Philadelphia, Pa.  
TENNESSEE CORPORATION, New York City.  
TENNESSEE EASTMAN CORPORATION, Kingsport, Tenn.  
TERRY STEAM TURBINE COMPANY, Hartford, Conn.  
TEXAS COMPANY, (THE), New York City.  
TEXAS ELECTRIC SERVICE COMPANY, Fort Worth, Tex.



- TEXAS EMPLOYERS' INSURANCE ASSOCIATION, Dallas, Texas.  
TEXAS GULF SULPHUR COMPANY, New York City.  
TEXAS INDUSTRIAL CONFERENCE, Dallas, Tex.  
TEXTILE MACHINE WORKS, Reading, Pa.  
TEXTILEATHER CORPORATION, Toledo, O.  
TEXTILES, INCORPORATED, Gastonia, N. C.  
THATCHER MANUFACTURING COMPANY, Elmira, N. Y.  
THERMOID COMPANY, Trenton, N. J.  
THEW SHOVEL COMPANY, Lorain, O.  
THIRD AVENUE TRANSIT CORPORATION, New York City.  
THOMAS, ALFRED F., New York City.  
THOMAS & BETTS COMPANY, INC., Elizabeth, N. J.  
THOMASVILLE CHAIR COMPANY, Thomasville, N. C.  
THOMPSON PRODUCTS, INC., Cleveland, O.  
TIDE WATER ASSOCIATED OIL COMPANY, New York City.  
TIME, INCORPORATED, New York City.  
TIMKEN-DETROIT AXLE COMPANY, Detroit, Mich.  
TIMKEN ROLLER BEARING COMPANY, Canton, O.  
TITAN METAL MANUFACTURING COMPANY, Bellefonte, Pa.  
TOKHEIM OIL TANK AND PUMP COMPANY, Fort Wayne, Ind.  
TOLEDO CHAMBER OF COMMERCE, Toledo, O.  
TOLEDO EDISON COMPANY, Toledo, O.  
TOLEDO PUBLIC LIBRARY, Toledo, O.  
TOOL STEEL GEAR AND PINION COMPANY, Cincinnati, O.  
TORRINGTON COMPANY, Torrington, Conn.  
TOUCHE, NIVEN & COMPANY, New York City.  
TOWERS, PERRIN, FORSTER & CROSBY, INC., Philadelphia, Pa.  
TOWLE MANUFACTURING COMPANY, Newburyport, Mass.  
TOWNSEND-SKINNER & COMPANY, New York City.  
TRACKSON COMPANY, Milwaukee, Wis.  
TRANSCONTINENTAL & WESTERN AIR, INC., Kansas City, Mo.  
TRANSPORTATION ASSOCIATION OF AMERICA, Chicago, Ill.  
TRAVELERS INSURANCE COMPANY, Hartford, Conn.  
TREMCO MANUFACTURING COMPANY, Cleveland, O.  
TRISTATE INDUSTRIAL ASSOCIATION, INC., Pittsburgh, Pa.  
TRIUMPH INDUSTRIES, INC., Elkton, Md.  
TROJAN POWDER COMPANY, Allentown, Pa.  
TROSTEL (ALBERT) & SONS COMPANY, Milwaukee, Wis.  
TROY SAVINGS BANK, Troy, N. Y.  
TUBIZE RAYON CORPORATION, New York City.  
TUCK (AMOS) SCHOOL OF BUSINESS ADMINISTRATION, Hanover, N. H.  
TUFTS COLLEGE LIBRARY, Medford, Mass.  
TULANE UNIVERSITY, New Orleans, La.  
TURNER & SEYMOUR MANUFACTURING COMPANY, Torrington, Conn.  
TWIN DISC CLUTCH COMPANY, Racine, Wis.  
  
UNDERWOOD CORPORATION, New York City.  
UNION BAG & PAPER CORPORATION, New York City.  
UNION BANK OF COMMERCE, Cleveland, O.  
UNION CARBIDE & CARBON CORPORATION, New York City.  
UNION ELECTRIC COMPANY OF MISSOURI, St. Louis, Mo.  
UNION FORK & HOE COMPANY, (THE), Columbus, O.



- UNION HARDWARE COMPANY, Torrington, Conn.  
UNION IRON WORKS, Erie, Pa.  
UNION METAL MANUFACTURING COMPANY, Canton, O.  
UNION NATIONAL BANK, (THE), Youngstown, O.  
UNION & NEW HAVEN TRUST COMPANY, New Haven, Conn.  
UNION OIL COMPANY OF CALIFORNIA, Los Angeles, Cal.  
UNION PACIFIC RAILROAD COMPANY, New York City.  
UNION SPECIAL MACHINE COMPANY, Chicago, Ill.  
UNION STEEL PRODUCTS COMPANY, Albion, Mich.  
UNION SWITCH & SIGNAL COMPANY, Swissvale, Pa.  
UNION TANK CAR COMPANY, Chicago, Ill.  
UNION TRUST COMPANY OF PITTSBURGH, Pittsburgh, Pa.  
UNITCAST CORPORATION, Toledo, O.  
UNITED AIR LINES TRANSPORT CORPORATION, Chicago, Ill.  
UNITED AIRCRAFT CORPORATION, East Hartford, Conn.  
UNITED AUTOGRAPHIC REGISTER COMPANY, Chicago, Ill.  
UNITED AUTOMOBILE, AIRCRAFT, AGRICULTURAL IMPLEMENT WORKERS OF AMERICA  
(INTERNATIONAL UNION), C.I.O., Detroit, Mich.  
UNITED DRUG, INC., Boston, Mass.  
UNITED ELECTRICAL RADIO & MACHINE WORKERS OF AMERICA, New York City.  
UNITED FRUIT COMPANY, New York City.  
UNITED GAS IMPROVEMENT COMPANY, (THE), Philadelphia, Pa.  
UNITED ILLUMINATING COMPANY, New Haven, Conn.  
UNITED LIGHT AND POWER COMPANY, Chicago, Ill.  
UNITED MERCHANTS & MANUFACTURERS MANAGEMENT CORPORATION, New York  
City.  
UNITED MINE WORKERS OF AMERICA, Washington, D. C.  
UNITED PARCEL SERVICE OF NEW YORK, INC., New York City.  
UNITED SHOE MACHINERY CORPORATION, Boston, Mass.  
UNITED SPECIALTIES COMPANY, Chicago, Ill.  
UNITED STATES ASBESTOS DIVISION OF RAYBESTOS-MANHATTAN, INC., Manheim,  
Pa.  
UNITED STATES ELECTRICAL MOTORS, INC., Los Angeles, Cal.  
UNITED STATES ELECTRICAL TOOL COMPANY (THE), Cincinnati, O.  
UNITED STATES ENVELOPE COMPANY, Worcester, Mass.  
UNITED STATES FIDELITY & GUARANTY COMPANY, Baltimore, Md.  
UNITED STATES GOVERNMENT  
BUREAU OF THE BUDGET, Washington, D. C.  
CIVIL SERVICE COMMISSION, Washington, D. C.  
COORDINATOR OF INTER-AMERICAN AFFAIRS, New York City.  
EIGHTH SERVICE COMMAND, ASF, Dallas, Tex.  
FEDERAL DEPOSIT INSURANCE CORPORATION, Washington, D. C.  
NAVAL DRY DOCKS, San Francisco, Cal.  
NAVY DEPARTMENT, BUREAU OF ORDNANCE LIBRARY, Washington, D. C.  
NAVY DEPARTMENT, EXECUTIVE OFFICE OF THE SECRETARY, Washington, D.C.  
OFFICE FOR EMERGENCY MANAGEMENT, Washington, D. C.  
OFFICE OF PRICE ADMINISTRATION, Washington, D. C.  
OFFICE OF WAR INFORMATION, LIBRARY, New York City.  
OFFICE OF WAR INFORMATION, LIBRARY, London, England.  
OGDEN AIR SERVICE COMMAND, Ogden, Utah.  
PHILADELPHIA QUARTERMASTER DEPOT, Philadelphia, Pa.  
SMALLER WAR PLANTS CORPORATION, Washington, D. C.



UNITED STATES GOVERNMENT (*Continued*)

- SOCIAL SECURITY BOARD, Washington, D. C.  
TREASURY DEPARTMENT, LIBRARY, Washington, D. C.  
WAR DEPARTMENT, PENTAGON LIBRARY, Washington, D. C.  
UNITED STATES GYPSUM COMPANY, Chicago, Ill.  
UNITED STATES LEATHER COMPANY, New York City.  
UNITED STATES PIPE AND FOUNDRY COMPANY, Burlington, N. J.  
UNITED STATES PLAYING CARD COMPANY, Cincinnati, O.  
UNITED STATES POTASH COMPANY, INC., New York City.  
UNITED STATES POTTERS ASSOCIATION, East Liverpool, O.  
UNITED STATES RADIATOR CORPORATION, Detroit, Mich.  
UNITED STATES REGISTER COMPANY, Battle Creek, Mich.  
UNITED STATES RUBBER COMPANY, New York City.  
UNITED STATES SMELTING, REFINING & MINING COMPANY, Boston, Mass.  
UNITED STATES STEEL CORPORATION OF DELAWARE, Pittsburgh, Pa.  
UNITED STATES TIME CORPORATION (THE), Waterbury, Conn.  
UNITED STATES TOBACCO COMPANY, New York City.  
UNITED STATES TRUST COMPANY OF NEW YORK, New York City.  
UNITED STEELWORKERS OF AMERICA, Pittsburgh, Pa.  
UNITED WALLPAPER, INC., Chicago, Ill.  
UNITED WELDING COMPANY, Middletown, O.  
UNITED WIRE AND SUPPLY CORPORATION, Providence, R. I.  
UNIVERSAL ATLAS CEMENT COMPANY, New York City.  
UNIVERSAL COOLER COMPANY OF CANADA, LIMITED, Brantford, Ontario, Canada.  
UNIVERSAL COOLER CORPORATION, Marion, O.  
UNIVERSAL-CYCLOPS STEEL CORPORATION, Bridgeville, Pa.  
UNIVERSAL MOULDED PRODUCTS CORPORATION, Philadelphia, Pa.  
UNIVERSAL PICTURES COMPANY, INC., New York City.  
UNIVERSAL SANITARY MANUFACTURING COMPANY, New Castle, Pa.  
UNIVERSITY OF ALABAMA, University, Ala.  
UNIVERSITY OF ARIZONA, Tucson, Ariz.  
UNIVERSITY OF ARKANSAS, Fayetteville, Ark.  
UNIVERSITY OF CALIFORNIA, Berkeley, Cal.  
UNIVERSITY OF CALIFORNIA AT LOS ANGELES, West Los Angeles, Cal.  
UNIVERSITY OF CHICAGO, Chicago, Ill.  
UNIVERSITY OF CHICAGO, INDUSTRIAL RELATIONS CENTER, Chicago, Ill.  
UNIVERSITY OF CHICAGO LIBRARIES, Chicago, Ill.  
UNIVERSITY OF CINCINNATI, GENERAL LIBRARY, Cincinnati, O.  
UNIVERSITY OF COLORADO LIBRARIES, Boulder, Colo.  
UNIVERSITY OF CONNECTICUT, Storrs, Conn.  
UNIVERSITY OF GEORGIA, (THE), Athens, Ga.  
UNIVERSITY OF IDAHO, Moscow, Idaho.  
UNIVERSITY OF ILLINOIS LIBRARY, Urbana, Ill.  
UNIVERSITY OF IOWA, COLLEGE OF COMMERCE, Iowa City, Ia.  
UNIVERSITY OF KENTUCKY, Lexington, Ky.  
UNIVERSITY OF MARYLAND, College Park, Md.  
UNIVERSITY OF MINNESOTA, Minneapolis, Minn.  
UNIVERSITY OF MISSOURI, Columbia, Mo.  
UNIVERSITY OF NEBRASKA LIBRARIES, Lincoln, Neb.  
UNIVERSITY OF NORTH CAROLINA, Chapel Hill, N. C.  
UNIVERSITY OF OKLAHOMA LIBRARY, Norman, Okla.  
UNIVERSITY OF OMAHA, Omaha, Neb.



- UNIVERSITY OF OREGON LIBRARY, Eugene, Ore.  
UNIVERSITY OF PENNSYLVANIA, Philadelphia, Pa.  
UNIVERSITY OF PITTSBURGH RESEARCH BUREAU FOR RETAIL TRAINING LIBRARY,  
Pittsburgh, Pa.  
UNIVERSITY OF ROCHESTER, RUSH RHEES LIBRARY, Rochester, N. Y.  
UNIVERSITY OF SOUTHERN CALIFORNIA, Los Angeles, Cal.  
UNIVERSITY OF THE STATE OF NEW YORK, Albany, N. Y.  
UNIVERSITY OF TENNESSEE, Knoxville, Tenn.  
UNIVERSITY OF TEXAS, Austin, Tex.  
UNIVERSITY OF UTAH, Salt Lake City, Utah.  
UNIVERSITY OF VERMONT, Burlington, Vt.  
UNIVERSITY OF WASHINGTON LIBRARY, Seattle, Wash  
UNIVERSITY OF WISCONSIN, Madison, Wis.  
UPJOHN COMPANY, Kalamazoo, Mich.  
UPSON COMPANY (THE), Lockport, N. Y.  
UTICA AND MOHAWK COTTON MILLS, INC., Utica, N. Y.  
UTICA KNITTING COMPANY, Utica, N. Y.
- VANADIUM ALLOYS STEEL COMPANY, Pittsburgh, Pa.  
VANADIUM CORPORATION OF AMERICA, New York City  
VAN CLEEF BROTHERS, Chicago, Ill.  
VAN CLEEF, JORDAN AND WOOD, New York City.  
VAN NORMAN COMPANY, Springfield, Mass.  
VANITY FAIR MILLS, INC., Reading, Pa.  
VAPOR CAR HEATING COMPANY, INC., Chicago, Ill.  
VASSAR COMPANY, Chicago, Ill.  
VEEDER-ROOT, INCORPORATED, Hartford, Conn.  
VENDO COMPANY (THE), Kansas City, Mo.  
VERMILYA-BROWN COMPANY, INC., New York City.  
VERMONT MARBLE COMPANY, Proctor, Vt.  
VERPLEX COMPANY (THE), Essex, Conn.  
VICK CHEMICAL COMPANY, New York City.  
VICKERS INCORPORATED (WATERBURY TOOL DIVISION), Waterbury, Conn.  
VICTOR ADDING MACHINE COMPANY, Chicago, Ill.  
VICTOR CHEMICAL WORKS, Chicago, Ill.  
VICTOR ELECTRIC PRODUCTS, INC., Cincinnati, O.  
VILTER MANUFACTURING COMPANY, Milwaukee, Wis.  
VIRGINIA ELECTRIC AND POWER COMPANY, Richmond, Va.  
VIRGINIA POLYTECHNIC INSTITUTE, Blacksburg, Va.  
VISKING CORPORATION, Chicago, Ill.  
VOLKER (WILLIAM) & COMPANY, INC., Kansas City, Mo.  
VOLLRATH COMPANY, Sheboygan, Wis.
- W O R, New York City.  
WADELL ENGINEERING COMPANY, Orange, N. J.  
WAGNER BAKING CORPORATION, Newark, N. J.  
WAGNER ELECTRIC CORPORATION, St. Louis, Mo.  
WAGNER (E. R.) MANUFACTURING COMPANY, Milwaukee, Wis.  
WALDORF PAPER PRODUCTS COMPANY, St. Paul, Minn.  
WALES-STRIPPIT CORPORATION, North Tonawanda, N. Y.  
WALKER (HIRAM) & SONS, INC., Peoria, Ill.  
WALLACE (R.) & SONS MANUFACTURING COMPANY, Wallingford, Conn.



WALLACE & TIERNAN COMPANY, INC., Newark, N. J.  
WALWORTH COMPANY, INC., New York City.  
WAMSUTTA MILLS, New Bedford, Mass.  
WARD BAKING COMPANY, New York City.  
WARD LEONARD ELECTRIC COMPANY, Mount Vernon, N. Y.  
WARNER BROS. PICTURES, INC., New York City.  
WARNER BROTHERS COMPANY (THE), Bridgeport, Conn.  
WARNER COMPANY, Philadelphia, Pa.  
WARNER & SWASEY COMPANY, Cleveland, O.  
WARREN FOUNDRY & PIPE CORPORATION, New York City.  
WARTIME PRICES AND TRADE BOARD, INDUSTRIAL DIVISION, Ottawa, Canada.  
WASHBURN COMPANY, Worcester, Mass.  
WASHINGTON CO-OPERATIVE EGG & POULTRY ASSOCIATION, Seattle, Wash.  
WASHINGTON GAS LIGHT COMPANY, Washington, D. C.  
WASHINGTON METAL TRADES, INC., Seattle, Wash.  
WASHINGTON UNIVERSITY LIBRARY, St. Louis, Mo.  
WATER WORKS SERVICE COMPANY (THE), New York City.  
WATERBURY COMPANIES INC., (THE), Waterbury, Conn.  
WATERBURY FARREL FOUNDRY & MACHINE COMPANY, Waterbury, Conn.  
WATERFRONT EMPLOYERS ASSOCIATION OF THE PACIFIC COAST, San Francisco, Cal.  
WATERTOWN ARSENAL, Watertown, Mass.  
WATSON-FLAGG MACHINE COMPANY, INC., Paterson, N. J.  
WATSON MACHINE COMPANY, Paterson, N. J.  
WATSON STILLMAN COMPANY (THE), Roselle, N. J.  
WAUKESHA MOTOR COMPANY, Waukesha, Wis.  
WAYNE UNIVERSITY LIBRARY, Detroit, Mich.  
WEAN ENGINEERING COMPANY, INC., Warren, O.  
WEATHERHEAD COMPANY (THE), Cleveland, O.  
WEBSTER ELECTRIC COMPANY, Racine, Wis.  
WEBSTER (WARREN) & COMPANY, Camden, N. J.  
WELDON TOOL COMPANY, Cleveland, O.  
WELLINGTON & COMPANY, New York City.  
WELLINGTON SEARS COMPANY, INC., New York City.  
WELLMAN ENGINEERING COMPANY, Cleveland, O.  
WELLS FARGO BANK & UNION TRUST COMPANY, San Francisco, Cal.  
WENZLICK (ROY) & Co., St. Louis, Mo.  
WERK (M.) COMPANY, St. Bernard, O.  
WEST BEND ALUMINUM COMPANY, West Bend, Wis.  
WEST, FLINT & COMPANY, New York City.  
WEST INDIES SUGAR CORPORATION, New York City.  
WEST PENN POWER COMPANY, Pittsburgh, Pa.  
WEST PUBLISHING COMPANY, St. Paul, Minn.  
WEST VIRGINIA CHAMBER OF COMMERCE, Charleston, W. Va.  
WEST VIRGINIA PULP AND PAPER COMPANY, New York City.  
WESTERN AUTO SUPPLY COMPANY, Kansas City, Mo.  
WESTERN ELECTRIC COMPANY, INC., New York City.  
WESTERN ELECTRIC EMPLOYEES ASSOCIATION, Kearny, N. J.  
WESTERN FELT WORKS, Chicago, Ill.  
WESTERN MARYLAND RAILWAY COMPANY, Baltimore, Md.  
WESTERN PINE ASSOCIATION, Portland, Ore.  
WESTERN PRINTING & LITHOGRAPHING Co., Poughkeepsie, N. Y.  
WESTERN UNION TELEGRAPH COMPANY, New York City.



WESTERN UNITED GAS AND ELECTRIC COMPANY, Aurora, Ill.  
WESTFIELD RIVER PAPER Co., Inc., Russell, Mass.  
WESTINGHOUSE AIR BRAKE COMPANY, Wilmerding, Pa.  
WESTINGHOUSE ELECTRIC & MANUFACTURING COMPANY, Pittsburgh, Pa.  
WESTMORELAND COAL COMPANY, Philadelphia, Pa.  
WESTON (BYRON) COMPANY, Dalton, Mass.  
WESTON ELECTRICAL INSTRUMENT CORPORATION, Newark, N. J.  
WESTVACO CHLORINE PRODUCTS CORPORATION, New York City.  
WEYERHAEUSER SALES COMPANY, Tacoma, Wash.  
WHEELING STEEL CORPORATION, Wheeling, W. Va.  
WHITE LABORATORIES, Inc., Newark, N. J.  
WHITE MOTOR COMPANY, Cleveland, O.  
WHITE (R. H.) COMPANY, Boston, Mass.  
WHITE-RODGERS ELECTRIC COMPANY, St. Louis, Mo.  
WHITE (S. S.) DENTAL MANUFACTURING COMPANY, Philadelphia, Pa.  
WHITE SEWING MACHINE CORPORATION, Cleveland, O.  
WHITIN MACHINE WORKS, Whitinsville, Mass.  
WHITNEY BLAKE COMPANY (THE), New Haven, Conn.  
WHITNEY NATIONAL BANK OF NEW ORLEANS, New Orleans, La.  
WICHITA CITY LIBRARY, Wichita, Kan.  
WIDEMAN, MADDEN & COMPANY, New York City.  
WILL & BAUMER CANDLE COMPANY, Inc., Syracuse, N. Y.  
WILLARD STORAGE BATTERY COMPANY, Cleveland, O.  
WILLETT COMPANY (THE), Chicago, Ill.  
WILLIAMS (C. K.) & Co., Easton, Pa.  
WILLIAMS (J. H.) & COMPANY, Buffalo, N. Y.  
WILLIAMS PRESS, Inc., Albany, N. Y.  
WILMOTH PAVING COMPANY, Washington, D. C.  
WILSON & Co., Inc., Chicago, Ill.  
WINSTON STRAWN & SHAW, Chicago, Ill.  
WINTHROP CHEMICAL COMPANY, Inc., Rensselaer, N. Y.  
WIEMOLD COMPANY, Hartford, Conn.  
WISCONSIN BUREAU OF PERSONNEL, Madison, Wis.  
WISCONSIN ELECTRIC POWER COMPANY, Milwaukee, Wis.  
WISCONSIN MOTOR CORPORATION, Milwaukee, Wis.  
WISCONSIN POWER AND LIGHT COMPANY, Madison, Wis.  
WISE (Wm. H.) & COMPANY, New York City.  
WOOD, ALAN M., New York City.  
WOOD CONVERSION COMPANY, St. Paul, Minn.  
WOOD, GUNDY & COMPANY, Inc., New York City.  
WOOD (JOHN) MANUFACTURING COMPANY, Inc., Philadelphia, Pa.  
WOOD NEWSPAPER MACHINERY CORPORATION, New York City.  
WOOD SHOVEL AND TOOL COMPANY, Piqua, O.  
WOOD, STRUTHERS & COMPANY, New York City.  
WOODALL INDUSTRIES, Inc., Detroit, Mich.  
WOOD'S (T. B.) SONS Co., Chambersburg, Pa.  
WOODWARD, BALDWIN & COMPANY, New York City.  
WOODWARD IRON COMPANY, Woodward, Ala.  
WORCESTER COUNTY INSTITUTION FOR SAVINGS, Worcester, Mass.  
WORCESTER COUNTY TRUST COMPANY, Worcester, Mass.  
WORCESTER PRESSED STEEL COMPANY, Worcester, Mass.  
WORCESTER SALT COMPANY, New York City.



- WORDEN-ALLAN COMPANY, Milwaukee, Wis.  
WORTHINGTON PUMP AND MACHINERY CORPORATION, Harrison, N. J.  
WRIGHT AERONAUTICAL CORPORATION, Paterson, N. J.  
WRIGHT COMPANY INC., New York City.  
WRIGLEY (WM.) JR. COMPANY, Chicago, Ill.  
WRISLEY (ALLEN B.) COMPANY, Chicago, Ill.  
WROUGHT WASHER MANUFACTURING COMPANY, Milwaukee, Wis.  
WURLITZER (RUDOLPH) COMPANY, North Tonawanda, N. Y.  
WYANDOTTE CHEMICALS CORPORATION—MICHIGAN ALKALI DIVISION, Wyandotte,  
Mich.  
WYATT METAL & BOILER WORKS, Houston, Tex.  
WYMAN-GORDON COMPANY, Worcester, Mass.
- YALE & TOWNE MANUFACTURING COMPANY, New York City.  
YALE UNIVERSITY LIBRARY, New Haven, Conn.  
YORK CORPORATION, York, Pa.  
YORK KNITTING MILLS, LIMITED, Toronto, Canada.  
YOUNG & RUBICAM, INC., New York City.  
YOUNGSTOWN SHEET AND TUBE COMPANY, (THE), Youngstown, O.  
YOUNGSTOWN VINDICATOR, Youngstown, O.



















