

33<sup>rd</sup>  
*Annual Report*  
OF THE CONFERENCE BOARD



FOUNDED 1916

1949  
NATIONAL INDUSTRIAL CONFERENCE BOARD, INC.

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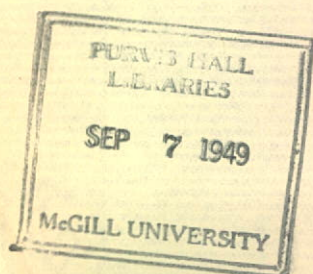
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33rd Annual Report  
of  
The Conference Board



## *The*

# NATIONAL INDUSTRIAL CONFERENCE BOARD

is the oldest research and educational institution for cooperative study of the economic and administrative problems of American business by economists and businessmen. It was founded in 1916 by associations representing twelve branches of industry. Its founders believed that the American voluntary competitive economy, founded on private property and individual liberty, is the one best suited to promote enduring human welfare, and that impartial fact finding and education will keep that system sound and healthy. These principles have been the basis of all the activities of THE CONFERENCE BOARD for thirty-three years.

*The Board is a scientific institution.* It assembles, analyzes, tests, explains and disseminates facts on human relations in industry, on business organization and operation, and on the basic structure and development of the national economy.

*The Board is an educational institution.* It conducts conferences and courses on important economic and industrial management problems. It makes its facilities and publications available, at nominal cost, to governmental departments and agencies, and to colleges. It regularly releases its findings to the press.

*The Board is a nonprofit institution.* It is not endowed, but is supported principally by voluntary contributions and annual subscriptions from large and small business concerns, labor unions, industrial organizations, libraries and individuals.

*The Board is a wholly independent institution.* It has never been a branch, affiliate, subsidiary, agency or department of any other organization or group, academic, professional, industrial, commercial or political.

*The Board is not a government agency.* Although it includes appointed representatives of certain government departments and cooperates with government divisions in scientific work, the Board has no political affiliations and does not engage in legislative or political activity of any kind.

*The Board is not a trade association or employers' organization.* It does not represent the interests of any particular fields or groups. The results of its research are available to persons and organizations in all branches of industry, trade and finance, to educators and other professions, to labor unions and to all who are interested in its work and contribute to its maintenance.



*33rd*  
ANNUAL REPORT  
OF THE  
CONFERENCE BOARD



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## FOREWORD

**T**HERE follows an account of the organization, membership, and activities of **THE CONFERENCE BOARD** in its thirty-third year, together with some indication of its research, conference and educational plans for the coming year.

It is a hopeful sign that, since the 1948 Annual Meeting discussed "The American Answer to Communism," both Washington and the public as a whole have become gradually aware of the trend which Dr. Jordan, in the Foreword to the Annual Report last year, called "the process of internal and international collectivizing of the American economy." This growing awareness of the peril in which we stand may well form the basis of an effort to dispel the confusion and uncertainty of businessmen, labor leaders and government officials about the spheres of activity that may properly be entrusted to each.

In any such attempt to cut through the confusion that has existed in men's minds during the past two decades, **THE CONFERENCE BOARD** must rely on the only weapon that it has now, or ever has had—the unflagging search for truth. The great task facing the Board next year and in the years to come is to train the spotlight of facts on the twilight zones of half truths, propaganda and "isms." No small part of the task will be to interpret the interrelationships of unbiased facts about our economic structure, which is affected as never before in peacetime by events abroad and by our national policy toward them. These facts and interpretations must be presented in the simplest and most forthright manner possible to business, labor, government, and public. In this way, better understanding and statesmanship may prevail in the momentous decisions that lie ahead. **THE CONFERENCE BOARD** pledges itself to continue in its long tradition of seeking out and making available basic economic truths to meet this challenge. Its success in the future will depend upon the continued and unselfish support of all who believe that factfinding and dissemination of the truth is the most effective way to foster and maintain

the freedom, human dignity, and economic welfare of the individual in this country.

With deep appreciation for the inspiration and helpfulness of the Officers, Trustees, Board Members and Staff, and with thanks to the thousands of Contributing and Cooperating Associates throughout the country, I submit this 33rd Annual Report of the National Industrial Conference Board.

JOHN S. SINCLAIR  
*President*

July 12, 1949



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## PICTURE CREDITS

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PART I

*The Conference Board  
and  
Its Work*



## I

### THE CONFERENCE BOARD'S WORK

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**I**N THE past fiscal year, THE CONFERENCE BOARD has continued to play an important role in assembling, analyzing and interpreting information and data bearing on economic and management problems. The results of its research have been made widely available to government, labor and industry as well as to educators and the public at large. Its educational work, especially among secondary schools, has been greatly expanded and will be further increased during the coming fiscal year through the operations of the newly formed Division of Education. This Division will provide, upon request, up-to-date and accurate information in the fields of economics and business management to teachers in the nation's high schools, colleges and universities.

In the thirty-three years of the Board's existence, and particularly in the second half of this period, profound changes have occurred in the economic structure of the nation, especially in the interrelationships existing between government, labor and industry. It has been one of the main purposes of the Board to attempt to measure and analyze these basic economic changes and to keep industry and all other segments of the American people informed of their significance. As the first half of the twentieth century draws to a close, THE CONFERENCE BOARD plans to undertake a comprehensive study of current economic trends to the end that there may be a better understanding of the environment in which business enterprise will operate in the years that lie directly ahead. If these trends can be placed in their proper perspective, assayed and interpreted in terms of sound economic laws and explained clearly and simply, it is the Board's hope and belief that intelligent action on the part of management, the public and government may replace the confusion and uncertainty that appears to prevail so generally today in both national and international affairs.

Our entrance into the second half of the twentieth century provides THE CONFERENCE BOARD with a unique opportunity for a



long look, both in retrospect and prospect. Nearly a decade has elapsed since the Board last reviewed the sweep of economic developments of the Thirties in its "Studies in Enterprise and Social Progress." Almost a quarter century has passed since the monumental investigations of President Hoover's Research Committees, which resulted in the appearance of such national audits as "Recent Economic Changes" and "Recent Social Trends." A prospectus outlining a series of studies of similar scope is being prepared. Funds are being actively sought not only for this exploration and review of the recent postwar changes in the structure of our national economy but also for an intensive analysis of the changes since the turn of the century in our social framework and in the functions, responsibilities and obligations of government, industry, labor, agriculture and other related sectors of the economy.

In order to carry this work forward, it is planned to establish at once a Department of Advanced Studies which will be temporarily located within the Division of Business Economics but should later have a separate Divisional status. Members of this Department will concentrate exclusively on the preparation of special monographs dealing with economic, social and political changes of the past quarter century or more and their long-run implications. It will be necessary to expand the research staff of the Board by obtaining the highest type of specialists that can be secured to carry on this important assignment.

This analysis of economic trends will be supplemented, as it has been in the past, by continuing research into the practical problems of human relations, personnel administration, manufacturing and distribution techniques, corporate organization and administrative policy, and into the many other problems that are involved in the day-to-day operation of American industry.

#### DEVELOPMENTS IN 1948-1949

As has been the custom in recent years, THE CONFERENCE BOARD's Economic Forum last fall analyzed in some detail the business situation during the latter part of 1948, and its discussion was published under the title, "The Business Outlook, 1949." The Forum also repeated its appraisal of the Annual Economic Review of the Council of Economic Advisers. It was fortunate in again having the Vice-Chairman of the Council and also the Assistant Staff Director of the Joint Committee on the Economic Report among its guests. This discussion was published under the title, "Economics of the President's Economists." The proceedings of



each of these sessions were sent to all Associates of the Board and made generally available to the public.

During the year, the Board completed its series of *Studies in Individual and Collective Security*, which was financed by The William Volker Charities Fund of Kansas City, Missouri. Final monographs in this series were: "Social Security and the Economics of Saving," by Dr. William J. Shultz, Associate Professor of Business Administration at The College of the City of New York; "Growth and Trends in Social Security," by Professor Earl E. Muntz, of New York University; and "The Social Security Almanac," which was prepared by the Board's Division of Business Economics and which brought together for the first time all the important available data on the revenues and expenditures of public and private social security programs in this country and abroad. These studies, seven in number, go far toward making available the facts against which the drive toward further expansion of collective security may be appraised.

Issuance of the Board's quarterly journal of opinion, *American Affairs*, was continued under the editorship of Mr. Garet Garrett. Demands for the supplements to the quarterly, called "American Affairs Pamphlets," have been heavy. Additions to this series during 1948-1949 were: "Can Labor Sit in the Office?", a study of the sociological aspects of union-management cooperation, by Professor Goetz A. Briefs of Georgetown University; "Packaged Thinking for Women," a study of the dissemination of information through women's organizations, by Lucille Cardin Crain and Anne Burrows Hamilton; "The Government's Reach for Education," a defense of free, private, liberal arts colleges, by Dr. Donald J. Cowling and Dr. Carter Davidson; and the "American Primer," a presentation of the underlying concepts upon which rests the American pattern of life, by Agnes Morley Cleaveland. Distribution of these four pamphlets has already totaled over 120,000 copies.

In addition to the many special reports in the fields of business economics, labor statistics, business practices and personnel administration listed on pages 15-16 of this Report, the Board continued to issue its regular periodical publications: the monthly *Management Record* and *Business Record*; and the weekly *Road Maps of Industry*, *Desk Sheet of Current Business Indications*, and *Previews*.

A new series of Conference Board Reports was started during the year to bring together, synthesize and disseminate important



data on various aspects of the labor situation. The first of these *Studies in Labor Statistics* was an analysis of the various rounds of general wage increases in recent years for both production and clerical workers. Another study, which will go to press shortly, is an analysis of the trends in the various commodities that an hour's work will buy. This Report will illustrate, in so far as it can be measured, the rise in the American standard of living from 1914 to 1948.

Two standard base books were issued during the year. A revised edition of *The Economic Almanac*, which has become a standard reference book in economic statistics, was issued in January, 1949. A revision and analysis of the Board's Consumer Price Indexes from 1914 through 1948 was completed and published in September, 1948. Both of these statistical reference books were sent to all Associates of the Board as well as being made generally available to government officials, businessmen, students and teachers.

As already mentioned, the educational work of the Board was considerably expanded during the past fiscal year. At the close of the year, over fifteen thousand social science teachers in secondary schools had requested regular mailings of the Board's weekly colored charts, *Road Maps of Industry*. Many of the Board's reports on personnel and administrative subjects and on various aspects of current economic problems are used as textbooks in colleges and universities. Special rates are offered to all educational institutions that desire to utilize Conference Board material in this way. At the end of the year 250 colleges, universities and libraries received all the Board's publications for a nominal subscription.

In the fall of 1948, a special Advisory Council was formed in order to study the record and the problems of industrial mobilization as exemplified by the experiences in World War II and to attempt to assist and advise the Armed Services, the Munitions Board and the National Security Resources Board in the economic aspects of the problems with which they are concerned. Three meetings of the Council, the personnel of which is listed on pages 65-66 of this Report, were held during the year, one in Washington under the joint auspices of the Munitions Board and the National Security Resources Board. As a result of suggestions made by the Council, the Division of Business Practices recently issued a Conference Board Report on "Industrial Mobilization Planning," and is currently engaged on a comprehensive review of renegotiation and a study of wartime inspection procedures. Another integral part of this program is a series of studies on the



"Economics of the Wage Freeze" covering wartime wage controls in Canada, Germany and Great Britain, which is nearing completion in the Division of Business Economics.

#### PRINCIPLES OF THE BOARD'S WORK

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.

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 conditions 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.

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 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.

## **A. THE BOARD'S RESEARCH PROGRAM**

### **THE DIVISION OF BUSINESS ECONOMICS**

The sudden and sweeping onset of recession during the past year intensified the demands of industry, government and the general public upon the Division of Business Economics for data dealing with current business trends.

As of midyear, 1949, there was little evidence that the end of the recession was in sight and sharp differences of views had emerged about the level at which recovery would take place. One body of opinion contended that the economy was working down to a substantially lower base of operations around which the subsequent recovery would fluctuate. In essence, this school maintained that the rate of operations which characterized the postwar transition was highly abnormal and that the new "normal," when struck, would lie well below the immediate postwar experience.

The second body of opinion viewed the recession as a brief interlude of correction which would be followed by the resumption of production, consumption and employment at rates which would compare favorably with those which prevailed in the immediate postwar years. The exponents of this view believed that, although the major physical shortages had been met, the latent demands of our growing population, reinforced as they were by huge war-



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A. W. ROBERTSON

Chairman of the Board of Directors,  
Westinghouse Electric Corporation

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JOHN S. SINCLAIR

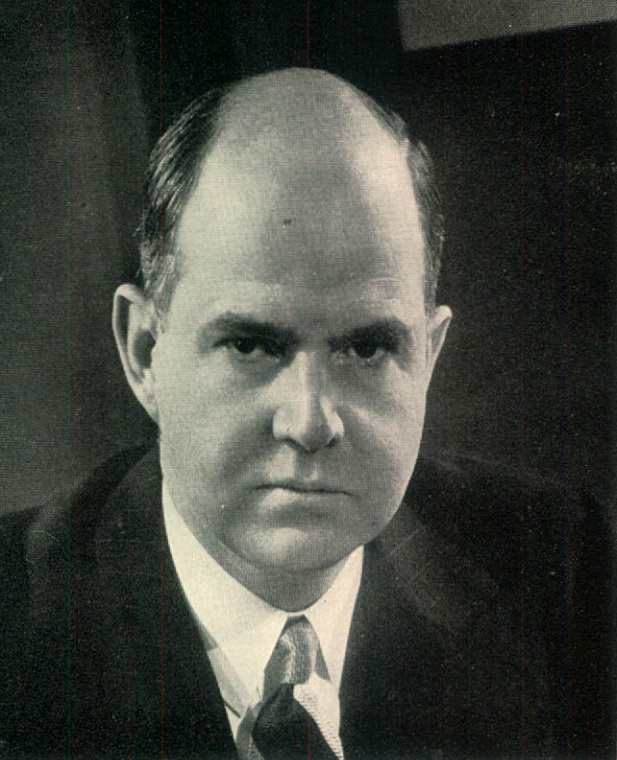




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*Vice-Chairman*

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President, Kimberly-Clark Corporation





*Treasurer*

**ROLLAND J. HAMILTON**  
Vice-President, American Radiator  
& Standard Sanitary Corporation



*Secretary*

**CLYDE L. ROGERS**



time and postwar savings, would again mean high-level business activity, once present price uncertainties had been removed.

### *Current Business Economics*

In the initial months of the recession demands upon the Division of Business Economics centered primarily upon statistical data which would reveal the industrial impact of the decline, such as changes in retail sales or consumption expenditures, the rate of business failures, and in other conventional business indicators. But with each additional month of recession, the areas of interest broadened with increasing demands for qualitative and background materials in addition to the immediate quantitative data. Some of these areas of growing interest have already been explored in *The Conference Board Business Record*. Others that will be analyzed in the months ahead include:

#### *1. Government Spending and Recovery*

How successful was government pump-priming in the Thirties? What lessons are to be learned from the experiments of that decade? How did the rate of recovery in the United States compare with recovery elsewhere? What factors facilitated recovery in other countries?

#### *2. Employment and Unemployment*

What problems are encountered in measuring unemployment? What probable error in these figures should be kept in mind, if some absolute level of unemployment is selected as the "trigger point" for governmental action? What amount of unemployment is to be regarded as frictional? Are "abnormal" elements present in the labor force?

#### *3. Government Costs and Benefits*

What are the flexible and inflexible components of the federal budget? What will be the impact of shrinking production and revenues upon the ability of the national economy to absorb the current "burden" of government spending, or any expansion of it?

#### *4. Consumption-Investment Relationships*

What is the likely consumption and investment pattern of a high-level peacetime economy? In which areas of consumption can further increases be anticipated through stimulation of latent



demand, aggressive pricing and merchandising policies, etc.? How does the internal composition of consumption, retail sales and investment currently compare with past patterns at comparable stages of the business cycle? What changes have occurred in the composition and distribution of savings, and in the investment outlets for such savings?

#### 5. *Wage-Price-Profit Relationships*

Where do present wholesale and retail prices stand relative to the long-term pattern of prices in this country? Which sectors in the price field have advanced most, relative to the trend in prices of all commodities? What elements affect the relative flexibility of both wholesale and retail prices? What significant changes have occurred in money supply and velocity and their attendant pressures upon the price structure? What changes have developed over the years in profit margins and in rates of return on net worth or investment? What influence upon profits has been exercised by the accounting conventions which surround the treatment of such items as inventories and depreciation?

#### 6. *Productivity*

How does output per man hour currently compare with past performance? In which industries or economic areas have substantial gains been achieved and under what circumstances? How have gains in productivity been allocated among consumers, labor, management, and government in the past, and where are they going currently? How much can further gains in productivity contribute to lower prices?

#### 7. *International Comparisons*

Is recession a global phenomenon or are there sectors of the world in which expansion continues? Are our prevailing trends in exports and imports in keeping with past relationships? How do prevailing wages, prices and profits compare with those of other industrialized nations?

These are but a few selected areas of intensive business interest that currently emerge from the Board's close contact with American industry. Data and interpretation bearing on these questions are needed for judging the underlying causes of this recession as well as placing proposed remedies in perspective, particularly where they have already been tried. The flexibility



which has characterized the Division's past research activities will be imperative as it responds to demands for facts about business ebb and flow in the months ahead.

Areas of specialization within the Division include: social security, prices, corporate finance, production, distribution, government finance, agriculture, population, transportation, construction, savings and investment, international economics and national accounts. Significant developments are reviewed by the specialist concerned and the findings are published primarily in *The Conference Board Business Record*. As some of the problems grow in national interest, they form the basis for round-table discussions at the Board's conferences or by THE CONFERENCE BOARD Economic Forum and are frequently developed into full-scale reports.

### ***Long-Range Economic Studies***

Only a limited proportion of the resources of the Division could be allocated during the past year to more extended study of long-range trends. Two major studies of this type are now nearing completion, however, and will be published as *Studies in Business Economics*. The first surveys the field of depreciation, traces the growth and development of accounting conventions in this field here and abroad, and then develops estimates of the changes which would arise in both business and national accounts, particularly in estimates of capital formation, if depreciation were entered on a replacement basis.

The second deals with the history and development of the shorter work week, examines arguments for further reductions, and explores the economic implications and consequences of such proposals.

In addition, the Division has continued its cooperation with the Conference on Research in Income and Wealth in the preparation of postwar wealth estimates and an evaluation of their significance. The Board's contribution consists of an appraisal of wealth estimates for the manufacturing sector, and will be incorporated in "Studies in Income and Wealth," Volume 12, scheduled for publication by the National Bureau of Economic Research early next year. The Board's study, incorporating additional data, will be made available to all Associates next year as one of its *Studies in Business Economics*.

Another long-term study is an examination of the economics of the minimum wage. Prolonged Congressional hearings on the



minimum wage and uncertainty as to the public policy to be pursued have delayed completion of this investigation.

#### THE DIVISION OF BUSINESS PRACTICES

The Division of Business Practices was established at THE CONFERENCE BOARD five years ago to assist industry in meeting the problems of scientific management. The Division seeks to encourage the efficient operation of business by continuous study of the organization and operating methods followed by industry in the everyday conduct of its affairs. It acts in the role of analyst and reporter, and it is usually concerned with theories of management only when they have been translated into industrial experience and can be appraised in the light of their contribution to more efficient operation and lower costs.

The Division plans to place the main emphasis in the coming year on four areas which appear to be of greatest concern to industry in the years immediately ahead—distribution, business stability, new product development, and industry's social responsibilities.

#### *Distribution*

Industry's greatest achievements have been in the fields of production and technical development. These production gains have been made possible primarily by the development of mass distribution techniques. Therefore, while it is not entirely justifiable to compare decreasing production costs with distribution costs, there is reason to hope for improvements in distribution.

The Division is fortunate in having for its guidance an Advisory Council composed of thirty-eight of the country's leading marketing research directors. This council examines, in quarterly two-day meetings, the problems which their companies are facing and the techniques that are being developed for the solution of these problems. With its aid the Division is conducting studies in the field of marketing which should help to bring to distribution a higher degree of efficiency. The following studies have already been completed:

- "Organization for Market Research"
- "Small Orders—Asset or Liability?"
- "Sales Organization and Compensation"
- "Organization for Exporting"
- "Measuring Sales Performance"
- "Forecasting Sales"



The Division is now conducting the first study that has ever been made of the organization and operation of industrial traffic departments. It is also studying the problems of training dealers and marketing new products.

### ***Business Stability***

About two years ago, the Division of Business Practices began a series of exploratory sessions, the purpose of which was to seek out factors which tended to make the operations of some companies more stable or more depression-proof than those of other companies. These meetings were too few in number to give more than a fragmentary indication of the keys to stability. Later, a round table was held at which the progress made by various companies in reducing fluctuations in profits and employment was discussed. Since that time, the Division has continued to study the problem of business stability and plans to press these studies forward as rapidly as possible.

### ***New Product Development***

In the frequent soundings of business opinion which the Division has made since the end of the war, new product development has been stressed over and over again as the primary hope for maintaining the high level of business activity which the American people have become accustomed to. To aid industry in the successful development of its new products, the Division has, for the past year, been studying the techniques which companies use to stimulate new product ideas and to turn them into commercial realities. It plans to release a report on this problem by the early fall.

### ***Industry in the Community***

Industry realizes that public confidence must be gained and retained if we are to maintain a climate favorable to the further development of our free system. The growth of public relations is the result of a determined effort on the part of companies to gain greater understanding of their function in society. Community relations has become an important phase of public relations.

The Division of Business Practices has already issued a number of studies in this field for the guidance of industry, among them: "Company Donations Policies," "Industry Cooperation with Education," "Community Relations," and "Stockholder Relations." An Advisory Council on Donations Policies advises and assists the Division in keeping abreast of trends in corporate giving.



With respect to industry-government cooperation, the Division is analyzing—under the guidance of another of its Advisory Councils—the relationships of the last war, particularly renegotiation and inspection procedures, in the hope of developing methods for more effective cooperation in the event of another conflict.

### ***Surveys of Business Practices***

During the past year the Division prepared and published in *The Conference Board Business Record* the following surveys of executive opinion, based on correspondence with some three hundred top executives:

**Tighter Quality Control for Better Products**

**Productivity on the Increase**

**How Industry Is Meeting Capital Needs**

**Problems of Industrial Remobilization**

**The Basing Point Decision**

**Telling the Public**

**More Companies Use Budgets**

**Corporate Insurance Programs**

**Predict Business Adjustment in '49**

**Significance of Today's Profits**

**How Taxes Affect Executive Incentive**

**Rebirth of the Salesman**

### **THE DIVISION OF PERSONNEL ADMINISTRATION**

This Division is responsible for the Board's research in the field of personnel administration, including labor relations, covering day-to-day operating routines and problems of factory and office which center primarily about human relations. The over-all subject of personnel administration is divided into separate fields of specialization with a qualified Staff Specialist assigned to each field.

The members of the Division's Staff are constantly engaged in collecting, analyzing and interpreting information concerning personnel practices and policies in industry and commerce. These activities have been enhanced in value by a new research technique which the Board has been striving to perfect for the past two years. In an attempt to answer the question, "What is the effect or impact of this or that technique on the employee?" the Board has developed along with its regular research a method of examining the attitudes of employees themselves in specific instances. It is therefore hoped that there will be less need in the future to rely merely on speculation about employee reactions when the person-



nel administrator is confronted with the problem of deciding the proper course to pursue.

A constant flow of timely information in the human relations area is brought to the Board's Associates through *The Conference Board Management Record*. The Division's major reports are published in the Board's *Studies in Personnel Policy* series and bring to the reader an exhaustive, factual examination of current practices in the various fields of specialization.

In all its research work, the function of the Division of Personnel Administration remains the same, namely, to provide information that may help to secure the most equitable working relationship between management and employees under currently prevailing conditions.

#### THE STATISTICAL DIVISION

The Statistical Division has a threefold function. First, it compiles and interprets THE CONFERENCE BOARD'S continuing series on consumers' prices and clerical salaries. Secondly, it prepares studies in the area of labor statistics (*Studies in Labor Statistics*) and special projects for Subscribing Associates that are deemed of broad interest to other Associates. Thirdly, it performs a service function for the other research divisions. In this latter capacity, it handles the bulk of the work load in computing and charting for the other divisions.

The continuing series prepared by the Division include:

1. Consumers' Price Indexes for the United States and 62 cities
2. Clerical Salary Rates for 13 Jobs in 20 Cities
3. Wage Settlement Announcements

These data are based on original survey work in the field and represent pioneering work by THE CONFERENCE BOARD. For example, the National Industrial Conference Board in 1918 calculated the first United States "cost of living" index (now the Consumers' Price Index).

A new series on wage rates for specified industrial occupations is under consideration. This would replace the old series on wages in twenty-five manufacturing industries, discontinued during the past year.

#### Research

Greater emphasis is now being placed on original research by the Division in the fields of consumers' goods prices and labor statis-



tics. The first in a new series of Reports, *Studies in Labor Statistics*, was distributed to all Subscribing Associates in April, 1949. This survey analyzed wage increases from 1940 to 1948 for more than 500 companies. Another Report in this series, showing what an hour's work will buy in terms of the items ordinarily purchased by moderate-income families, will be released early this fall.

### Service

The service function includes meeting all the regular statistical computing, verification and charting requirements for the other research divisions. The Division also consults with the other research divisions on forms and procedures for dealing with large masses of statistics.

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 a number of special-purpose charts at the request of individual subscribers. Many of the Board's well-known Wall Charts were brought up to date and some older ones were redesigned. Working with data supplied by the research divisions, the Chart Department prepared the following new Wall Charts:

- 268 United States Foreign Trade
- 269 Money in Circulation, 1947
- 270 Political Composition of the House of Representatives, 1949
- 271 Political Composition of the Senate, 1949
- 272 Earnings and Hours—Production Workers
- 273 Marshall Plan Aid to United Kingdom—Authorization and Shipments of Selected Commodities, Cumulative, April 3–December 31, 1948
- 274 Industrial Production—United Kingdom and United States
- 275 Real Income Per Capita—France, United Kingdom, United States
- 276 Manpower Distribution—United Kingdom and United States
- 277 Production and Prices—France
- 278 Wholesale Prices and Cost of Living—United Kingdom and United States
- 279 Purchasing Value of the Dollar
- 280 Federal Taxes On Higher Incomes
- 281 Payments to Officers as a Per Cent of Net Sales
- 282 Volume of Public Construction
- 283 Corporate Capital Assets and Depreciation Charges
- 284 National Income Originating in Corporate Business
- 285 Inventory Valuation Adjustment and Its Meaning

## B. PUBLICATIONS IN THE FISCAL YEAR 1948-1949

During the fiscal year 1948-1949, THE CONFERENCE BOARD issued to its Associates 220 publications, including:

- 3 books
- 1 Chart Book
- 14 research reports
- 24 issues of regular monthly publications
- 4 issues of American Affairs
- 4 American Affairs Pamphlets
- 3 Studies in Business Economics
- 3 Studies in Individual and Collective Security
- 4 Basic Data for Investment Analysis
- 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 cooperators and committee members. These number:

- 39 issues of monthly reports for cooperators
- 7 special studies

The Board has endeavored to supply its Associates with information helpful in their operations under postwar conditions, with attention to prices, wage problems, inflation and deflation, re-employment, distribution, and the multitude of problems that confront business in the period of readjustment.

### BOOKS, PAMPHLETS AND REPORTS

#### *Books*

- Consumers' Prices, 1914-1948
- The Economic Almanac for 1949
- 32nd Annual Report of THE CONFERENCE BOARD—Facing the Future with Facts

#### *Chart Book*

- Wages, Prices, Profits

#### *Indexes and Lists*

- Annual Index to *The Business Record* (in Vol. V, No. 12)
- Annual Index to *The Management Record* (in Vol. X, No. 12)
- Annual List of *Road Maps of Industry*
- List of Current Publications, March 1, 1949



### ***Studies in Business Economics***

America's Mineral Resource Position  
The Business Outlook, 1949  
Economics of the President's Economists

### ***Studies in Business Policy***

Executive Compensation in Thirty-nine Industries  
Industrial Mobilization Planning  
Industry Cooperation with Education  
Measuring Sales Performance  
Organization for Importing  
Purchasing for Industry

### ***Studies in Individual and Collective Security***

Growth and Trends in Social Security  
Social Security and the Economics of Saving  
The Social Security Almanac

### ***Studies in Personnel Policy***

Company Medical and Health Programs  
Company Rules—Aids to Teamwork  
Determining Salesmen's Base Pay—A Role of Job Evaluation  
Experience with Psychological Tests  
Holiday Practices  
Profit Sharing for Workers  
Union Contracts Since the Taft-Hartley Act  
Wage Payment Systems

### ***American Affairs Pamphlets***

American Primer  
Can Labor Sit In the Office?  
The Government's Reach for Education  
Packaged Thinking for Women

### **ROAD MAPS OF INDUSTRY**

*May 1, 1948, through April 30, 1949*

- 645 National Defense Expenditures and Gross National Product, 1909–1948  
646 Annual Earnings of "Average" Salesmen, 275 United States Companies, 1948  
647 Organization for National Security  
648 Imports and Exports of Merchandise, United Kingdom, 1900–1947  
649 Work Stoppages by Union Affiliation, United States, 1947  
650 College Graduates in Industry

- 651 Fifty Largest Manufacturing Corporations, United States, 1946
- 652 United States Savings Bonds, 1946-1948, Series E, F and G
- 653 Labor Force and Its Utilization in War and Peace
- 654 Clerical Salaries, Weekly Median Rates, 20 Cities, April, 1948
- 655 Ownership of Demand Deposits, Selected Dates, 1941-1948
- 656 Corporate Funds, Sources and Uses, 1946 and 1947
- 657 Federal Receipts and Expenditures, United States, Fiscal Years 1939-1948
- 658 Employee Compensation and National Income, United States, 1929-1947
- 659 Wholesale Prices, United States, 1942-1948
- 660 Union Security Under the Taft-Hartley Act, Provisions of Contracts Signed, August 23, 1947-June 23, 1948
- 661 Electric Power Production by Type of Prime Mover, 1920, 1940, 1947
- 662 Output per Man Hour, Selected Manufacturing Industries
- 663 Federal Cash Income and Outgo, Fiscal Years 1941-1949
- 664 Money Supply and Money Rates, United States, 1914-1948
- 665 Group Insurance and Paid Sick Leave Under the Taft-Hartley Act: Provisions of Contracts Signed, June 23, 1947-July 1, 1948
- 666 Consumers' Prices, United States, 1914-1948
- 667 Income Payments to Individuals Per Capita, United States, 1947
- 668 Population Background of the 1948 Presidential Election
- 669 Consumption of Finished Steel, by Industry, United States, Selected Years
- 670 Strike Provisions and Union Liability, Provisions of Contracts Signed Under Taft-Hartley Act, June 23, 1948
- 671 Net Debt, Public and Private, United States, 1916-1947
- 672 Draft-age Men and Their Employment Status, July, 1948
- 673 Purchasing Value of the Dollar, United States, 1929-1948
- 674 Wheat and Corn Supply and Distribution, United States, 1930-1949
- 675 Increases in Family Food Costs, September, 1939-August, 1940 to September, 1947-August, 1948
- 676 Taft-Hartley Act Contracts, 313 Pacts Signed, June 23, 1947-June 23, 1948
- 677 Personal Taxes, Income, Consumption, and Consumers' Prices, United States, 1929-1948
- 678 Corporate Profits After Taxes and Inventory Valuation Adjustment, 1929-1948
- 679 Holiday Observance and Pay Practices, United States, 1948
- 680 Business Enterprises in Operation, United States, 1939-1948
- 681 Union Membership and Affiliation, United States, 1948
- 682 Farm Prices and Parity Prices, Major Farm Products, 1935-1939 Average and 1940-1948
- 683 Assets of Life Insurance Companies, United States, 1911-1948



- 684 New Construction Activity, United States, 1915-1949
- 685 Exports of Selected Agricultural Products, United States, 1939, 1947, and 1948
- 686 Government Employees, United States, 1929-1948
- 687 Average Weekly Earnings in Manufacturing, by Major Industry Groups, 1939 and 1945-1948
- 688 Consumers' Prices and Wholesale Prices, United States, 1801-1948
- 689 Consumer Credit Outstanding, United States, 1929-1949
- 690 Earnings of "Average" Salesmen in 1948, 234 United States Companies
- 691 Livestock on Farms and Meat Consumption, United States, 1914-1949
- 692 United States Savings Bonds, Maturing 1950-1954
- 693 New Civilian Public Construction, Total and Selected Types, 1915-1948
- 694 National Income, by Major Industrial Divisions, 1929, 1939, 1948
- 695 Manufacturers' Sales and Inventories, Nondurable Goods, 1946-1949
- 696 New Capital Flotations, Corporate Issues, 1921-1949

### C. CONFERENCE ACTIVITIES

During the fiscal year 1948-1949 eight regular meetings of THE CONFERENCE BOARD were held. Four of these were open sessions for Members, Associates and their guests; four were closed sessions attended primarily by Members of the Governing Body. Sixteen round-table conferences were held in connection with the open sessions. The titles of these sessions and of the round-table conferences, as well as the subjects discussed at the closed Board meetings, follow:

#### CONFERENCE BOARD MEETINGS

*September 23, 1948*

**General Session: THE SURRENDER TO INFLATION**

#### *Round-Table Conferences:*

- Outlook for Consumers' Durable Goods**
- Outlook for Consumers' Nondurable Goods**
- Economic Effects of the Basing Point Decision**
- Meeting the Problems of White Collar Unionization**

*October 21, 1948*

**Closed Session: Discussion of Free Enterprise Organizations in Colleges and Universities**

*November 23, 1948*

**General Session: GOVERNMENT AND BUSINESS: WHAT LIES AHEAD?**

***Round-Table Conferences:***

**Costing for Sound Pricing**

**Government Bonds vs. Credit Control**

**Regional Business Trends**

**What Next in Company Pension Plans?**

*December 16, 1948*

**Closed Session: Discussion of Work of THE CONFERENCE BOARD**

*February 17, 1949*

**Closed Session: Discussion of Economic Situation in England and France**

*March 24, 1949*

**General Session: THE ECONOMIC AND SOCIAL ASPECTS OF BUSINESS IN BUSINESS**

***Round-Table Conferences:***

**The Impact of Television**

**How Much Is an Executive Worth?**

**Public Works—Potentials and Problems**

**Company Disability Plans Under State Laws**

*April 21, 1949*

**Closed Session: Discussion of Research Program of THE CONFERENCE BOARD**

*May 25, 1949*

**General Session: A PROGRAM FOR AVERTING SOCIALISM**

***Round-Table Conferences:***

**How Much Social Security Can We Afford?**

**Trading in Today's World Markets**

**Where Are We in the Business Cycle?**

**Collective Bargaining Strategies and Tactics**

All the general sessions held during the year were open to the press. The established policy of conducting the round-table conferences on an informal and off-the-record basis was continued, although in several cases the Board was able, with the cooperation and authorization of the participants, to reproduce the proceedings either in whole or in part in its own publications.

Because of the imminence of fourth-round wage increases, a special conference on "Wages and Salaries in 1949" was held in the Starlight Roof of the Waldorf-Astoria on February 2. At this meeting leading economists and industrial relations administrators



discussed the economic environment, the outlook at the bargaining table, wage arbitration, fringe benefits, cost of living adjustments and the specific problem of the salaried employee.

A separate Conference Division has recently been formed, which will plan all meetings with the advice and guidance of a Conference Committee composed of Board Members. It is planned to continue the custom of holding monthly meetings in New York, of which five will be open or general sessions and four will be discussion sessions for Board Members. In addition to this schedule, however, the Board plans to hold special conferences in several leading industrial cities in order that a larger number of executives in associated companies and organizations may participate in the Board's conference programs. The schedule for these out-of-town sessions will be announced early in the fall of 1949.

#### **D. PUBLIC EDUCATION AND INFORMATION ACTIVITIES**

The educational and public service work of THE CONFERENCE BOARD was further expanded during the fiscal year 1948-1949. The number of library subscriptions, which come largely from colleges and universities, again reached an all-time high, and the sale of Board publications continued at the high level noted a year ago. Special provision for the purchase and use of Conference Board Reports and periodicals remained in effect for all governmental agencies and educational institutions.

##### ***The Board's Educational Program***

Since its founding thirty-three years ago, THE CONFERENCE BOARD has assisted hundreds of students each year by providing, without charge, economic data for use in connection with theses, term papers and other scholastic assignments.

Over the years a number of business schools have regularly adopted Studies issued by the Board and have used them as text material.

##### ***Background of Present Program***

In 1947, a modest experiment in economic education was launched at the high school level. Teachers of the social studies in the New York City high schools were offered single copies of the weekly *Road Maps of Industry* without charge during that school year. Charts were made available only to those teachers who requested them. The response was both immediate and enthusiastic.

By early 1949, every high school principal in the United States



had received a similar offer from the Board. The schools included in these mailings were junior and senior high schools, as well as Catholic and private secondary schools.

At the close of the school year in 1949, over 15,000 teachers had requested that the *Road Maps* be sent to them each week. An analysis showed that one in every five high schools in the country was receiving the charts, and that mailings had reached an annual rate of over 600,000.

Recognizing the urgent need for a constant flow of factual data into the nation's classrooms, the Board plans to expand the present program and to seek new ways in which to make it effective.

During the coming school year, it is hoped that 25,000 high school teachers will request the charts. Attainment of this objective would carry the purely factual *Road Maps* into approximately half of the nation's secondary schools and would involve the production and mailing of 1,000,000 charts during the 1949-1950 school year.

Work with graduate schools of business, normal schools, colleges and universities will also be intensified. Plans have been drawn for the formation of several Advisory Councils in the educational field which may be made up of Deans of Schools of Business, college professors of economics, and social science teachers drawn from junior, senior, private, Catholic and public high schools. These Councils would concern themselves with the problem of disseminating accurate economic data to the academic levels they represent and would study the preparation of material in forms most acceptable to the teachers in each group.

The Board will rigidly adhere to its policy of sending material only upon written request. No effort has been made or will be made to simply gain "circulation for circulation's sake." It is felt that the wisest expenditure of funds earmarked for educational purposes lies in reaching the greatest number of teachers at a minimum expense.

Another long-range objective of the Board's educational program will be to provide both business and education with a clearing house where teaching aids, scholarships, fellowships and similar industry-sponsored programs may be called to the attention of both groups.

### **Information Service**

The Information Service Division was organized in 1938 to provide a medium through which inquiries for information and re-



quests for publications from Associates could be handled. During the fiscal year ended April 30, 1949, a total of 28,564 inquiries and requests for publications were received. Subscribing Associates accounted for 22,102 of these inquiries and Nonsubscribers for 6,462. The Information Service Division handled a total of 13,774 of the inquiries, the balance being referred to members of other Divisions specializing in particular fields, or to the Service Extension Division, which handles inquiries from Nonsubscribers. Among the inquiries to the Information Service Division were 7,605 telephone calls, 6,331 letters, 796 interviews, and 42 telegrams.

The Library, as a part of the Information Service Division, loaned material to 1,031 persons. Items loaned numbered 1,430. A total of 490 persons used the Library during the year.

### ***Public Information***

The News Department of THE CONFERENCE BOARD is responsible for all quotations concerning the Board and its work which appear in the press, radio, and television. The department regularly prepares news releases based on current studies and surveys, the election of officers, and arranges press coverage for the Board's General Sessions. News releases based on the Board's publications are sent out only after the publications themselves are in the hands of Associates.

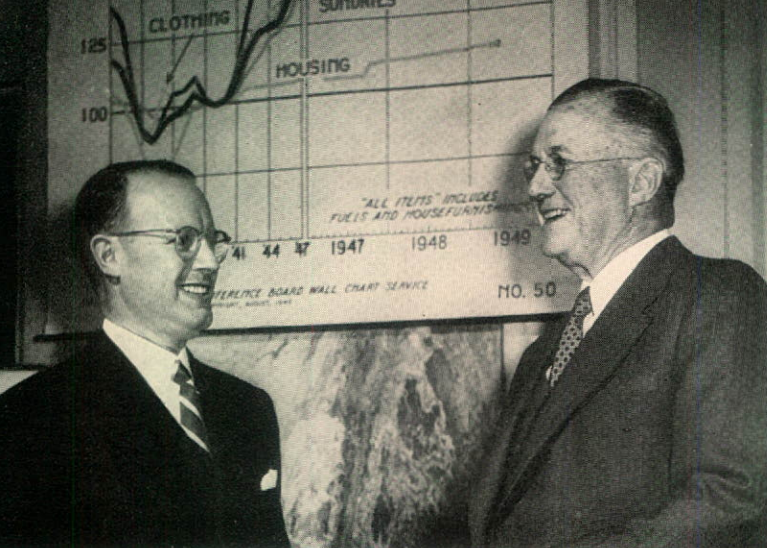
The Department grants permission to quote to authors of textbooks, public speakers and others who appreciate the Board as a source of authentic economic data, and cooperates to the fullest possible extent with the representatives of the various media of communication.

As a result of these efforts THE CONFERENCE BOARD is quoted or otherwise mentioned over a hundred times each day in newspapers, magazines, on the radio and in other media. In fact, the Board's news releases sometimes serve as the basis for several stories in a single publication. They are first published as news. Later they often serve as the basis for editorials and feature articles.

The steady stream of facts issued by the News Department and based upon the Board's findings serves to offset biased economic information prepared and circulated by dubious sources and at the same time to popularize the research program of the Board.

During the past fiscal year, 128 general and special releases were sent to leading newspapers in all parts of the country, to the busi-





## AT THE 33rd ANNUAL MEETING

Harry E. Humphreys, Jr.,  
President, United States  
Rubber Company, and  
Vice-Chairman Becker

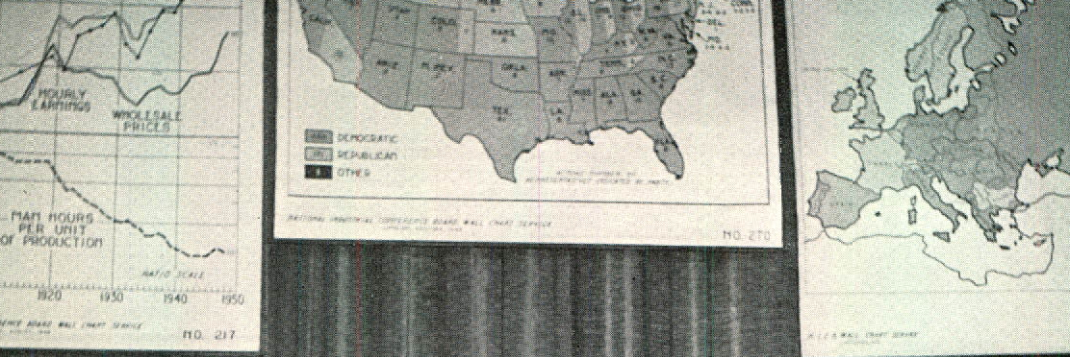


*Above:* President Sinclair,  
Robert G. Dunlop, Presi-  
dent, Sun Oil Company,  
and Chairman Robertson

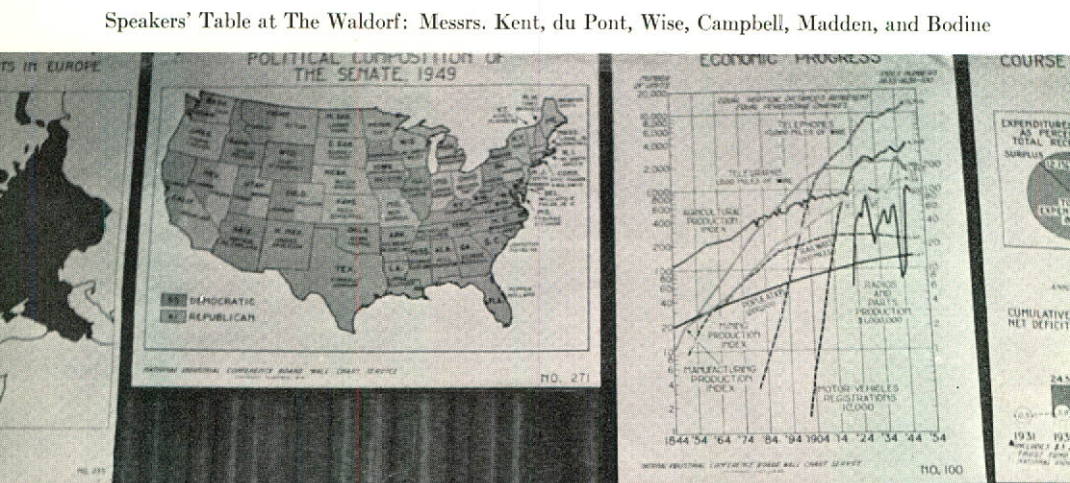


Chancellor Jordan and  
Hughston M. McBain,  
Chairman of the Board,  
Marshall Field & Company





Speakers' Table at The Waldorf: Messrs. Booth, Hamilton, Meyer, Humphreys, and Becker



Speakers' Table at The Waldorf: Messrs. Kent, du Pont, Wise, Campbell, Madden, and Bodine





Reception Desk

The Library







The Administrative Council

A Section of the Computing Department





ness, financial and trade press, as well as to the national and international news services.

The News Department has encouraged members of the press, authors of textbooks and others in a position to pass economic information along to others to look upon the Board as a place where manuscripts, news stories, speeches and other items containing economic data may be checked before publication. It cooperates with newspaper artists and cartoonists by supplying them regularly with data adapted for cartoon use. For example, the feature sections of the Associated Press, NEA syndicate and other similar services frequently issue cartoons and illustrations for popular consumption which are based upon the Board's research.

As usual, members of the Board's Staff have been called upon to make frequent addresses before business organizations, professional societies, and college and university groups. The pressure of work does not allow acceptance of all such invitations but the Board considers this method of disseminating public information an important part of its educational activities. Officers and Staff Associates addressed between forty and fifty outside groups during the year, including such important organizations as: the National Association of Purchasing Agents, the Controllers Institute of America, the New York State Society of Certified Public Accountants and the Canadian Manufacturers Association.



## II

### THE ORGANIZATION AND OPERATION OF THE CONFERENCE BOARD

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In performing its functions as a research, educational, and service institution, the current organization of the Board consists of its Subscribing and Cooperating Associates, Affiliated Organizations, and Foreign Correspondents; its Members, Councillors, 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, educational institutions and 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, discussing problems with 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 1948-1949, the Associates of the Board included 49 individuals who subscribed personally for its services and publications; 2,479 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; 223 business and labor organizations; and 250 libraries, educational and other public institutions. The total number of Associates increased to over three thousand during the fiscal year ended April 30, 1949.

##### *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 consumers' prices, 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.

#### AFFILIATED ORGANIZATIONS

Under the By-Laws, certain organizations and institutions are accepted by the Board as Affiliated Organizations. These now include, first, a number of divisions of the Army and Navy Departments, the Munitions Board and the National Security Resources Board which are directly concerned with manufacturing operations and industrial development from the point of view of national defense; and, second, a number of national trade associations and state or regional industrial organizations which subscribe stipulated minimum amounts for the maintenance of the services and facilities of the Board. These Affiliated Organizations, listed in Part II, usually designate representatives who, upon election by the Board, serve as Members with the same privileges and responsibilities as other Members of the Board. In the case of the Army, Navy and defense agencies, however, Liaison Representatives who are not formally elected Board Members are designated.

Divisions of the Army, Navy, Munitions Board and National Security Resources Board, in view of the close cooperation which exists between them and THE CONFERENCE BOARD, are not required to contribute financially to its support. These departments and agencies have been at all times helpful to the Board and it makes grateful acknowledgment to them for their constructive help. In turn, the Board has consistently cooperated with all branches of the Armed Services and with the National Security Resources Board whenever it has been called upon for economic facts or statistical data.

#### FOREIGN CORRESPONDENTS

Foreign Correspondents of the Board are appointed from leaders in industry, commerce, finance, as well as from 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.

#### 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, 1949, the Councillors, listed in Part II, numbered eighteen.

#### 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 and fifty. 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 are not represented in its 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, 1949, the Members of the Board, including Councillors and representatives of Affiliated Organizations, numbered 258.

#### 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, a Secretary and such other officers as they may deem necessary. 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 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 1948-1949, for the purposes indicated:

*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;

*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;

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

*Administrative Committee*, to collaborate and advise with the President on problems of administration as they arise;

*Committee on Conferences*, to assist in scheduling both the regular meetings of the Board in New York City and special conferences throughout the country, to consider methods of stimulating the Board's conference activities and to help in obtaining as participants outstanding authorities on the subjects to be covered;

*Committee on Educational Extension*, to consider ways of furthering the distribution of the Board's studies to other educational institutions and to the general public, and to advise with the President on all phases of the Board's educational work.

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 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 sessions 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.

##### *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 just 25 years ago is the *Advisory Council on Personnel Administration*, composed of men distinguished for their special knowledge and experience in the field of personnel and labor relations administration. A second group, is the *Advisory Council of Marketing Research Directors*, which is composed of outstanding market research specialists in private industry. This committee assists the Board in its studies in the fields of marketing and distribution. As already mentioned, a new advisory council was formed during the past year to aid the Board in its studies in the field of industrial mobilization under the title *Advisory Council on Industrial Mobilization*.

#### STAFF ORGANIZATION

The Board's Research and Administrative Staff must serve in a twofold 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 to Subscribing Associates and others who seek available material or special information on their particular problems. All these demands on its time have kept the Staff under considerable pressure, but it welcomes the opportunity to be of public service and of increasing usefulness to the progressive companies that make up the Board's 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.

The regular operating Staff of THE CONFERENCE BOARD consisted of 151 Staff Associates, organized under the following Divisions:<sup>1</sup>

The *Division of Business Economics* is responsible for the analysis and interpretation of economic trends affecting business and industrial operation and for special economic investigations.

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 Personnel Administration* 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 *Statistical Division* prepares the regular Conference Board series on consumers' prices, wages and clerical salaries and is engaged in original research in these and allied fields. In addition, it performs a statistical service function for the other research divisions.

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<sup>1</sup> Their description, shown in detail of personnel in Part II, represents the Staff organization in operation as of July 1, 1949.



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.

The *Publications Division* is responsible for editing and printing the numerous periodical and other publications of the Board.

The *Conference Division* is responsible for planning and continuing the regular meetings of the Board and such special regional conferences as may be undertaken from time to time.

The *Division of Education* is responsible for encouraging the use of Conference Board publications by other educational institutions including high schools, colleges and universities and the maintenance of close cordial relationships between the Board and teachers and professors in economics and the other social sciences.

The *Service Extension Division* 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* has responsibility for the maintenance of the Board's accounting records and its general files, for maintaining an inventory of and distributing its publications, and for supplying stenographic and other office service adequate to meet the demands of the Board's research, publication and conference schedules.

The *Administrative Division* is responsible for planning, general supervision, and coordination of the work of the Staff, for the maintenance of the Board's relations to Associates and the public, and for providing information regarding studies to newspapers, magazines, radio and other channels of communication.

#### THE BOARD'S SUPPORT

The Board is not an endowed institution, and it has not been assisted in any substantial way 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 nonprofit 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, educational and conference activities.



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. 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 research and educational activities 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 occasional special investigations made on behalf of and at the expense of individual corporations and organizations. Special investigations are undertaken, however, only where it is clear that they involve material that will be of substantial interest or value in the development of the Board's basic scientific and educational program, and with the understanding that the results of such investigations will be available for this purpose. Since the Board is chartered as a nonprofit institution, revenue from special service of any kind can cover only the direct expense involved plus 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 thirty-three 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.



### III

## TREASURER'S REPORT

*For the Fiscal Year Ended April 30, 1949*

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*To the Members and Associates of THE CONFERENCE BOARD:*

The financial report of the NATIONAL INDUSTRIAL CONFERENCE BOARD, INC., for the fiscal year ended on April 30, 1949, is presented herewith. The statements again reflect a sound financial position and a continuance of the Board's record of expanding operations.

The Operating Fund shows total income of \$965,357 for the fiscal year, with total expenses of \$964,746, leaving a balance of \$611 for the year. For the preceding fiscal year total income was \$928,559, and expenses were \$925,091.

During the past fiscal year, the Board expanded its program of making certain publications more readily available to secondary schools and colleges. This expansion included the offer of complimentary regular mailings of "Road Maps of Industry" to teachers of social science in secondary schools. These weekly charts are now being distributed at the rate of about 600,000 per year. Expenses amounting to \$20,419 were charged during the year to the Board's reserve for long-range research and education. Restoration of this amount by charge to operations for the year has been made with the approval of the Trustees in order to permit continuance and further expansion of the Board's educational work.

In September, 1948, the Trustees authorized an appropriation of \$41,301 from the Operating Fund balance carried over from the previous year as an addition to the amount formerly set aside to provide for the cost of adequately equipping and modernizing the Board's offices. These improvements, which had to be deferred because of wartime conditions, are now nearing completion and should provide for efficient and economical operation. After this appropriation the Operating Fund balance was \$26,653 at April 30, 1949, compared with \$67,344 a year ago.

Operating Fund assets at April 30, 1949, amounted to \$708,624, of which \$624,880 consisted of cash and U. S. Government securi-

ties. Liabilities and reserves totaled \$188,482, and revenue applicable to subsequent operations was \$493,489.

The Reserve Fund increased by \$18,366 during the fiscal year, of which \$10,187 consisted of contributions from Members and Associates and \$8,179 was interest income. In the preceding year additions to the Reserve Fund totaled \$24,420.

Reserve Fund assets at April 30, 1949, amounted to \$550,017, comparing with \$531,651 a year ago. This Fund is represented entirely by cash and U. S. Government securities, and it has no liabilities. No expenses were charged against the Fund during the year.

At the close of the fiscal year the Board had a total of 3,001 Subscribing Associates.

All phases of the Board's financial operations have been the subject of continuing attention by the Trustees and Officers and by its public accountants. Your Treasurer is very appreciative of the hearty cooperation received in connection with his modest part in these activities.

Respectfully submitted,  
ROLLAND J. HAMILTON, *Treasurer*

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## AUDITORS' CERTIFICATE

NATIONAL INDUSTRIAL CONFERENCE BOARD, INC.  
New York, N. Y.

We have examined the statement of financial position of NATIONAL INDUSTRIAL CONFERENCE BOARD, INC., as of April 30, 1949, and the statement of income and expenses for the fiscal year then ended. Our examination was made in accordance with generally accepted auditing standards, and accordingly included such tests of the accounting records and such other auditing procedures as we considered necessary in the circumstances.

In our opinion, the accompanying financial statements present fairly the financial position of NATIONAL INDUSTRIAL CONFERENCE BOARD, INC., at April 30, 1949, and the results of its operations for the fiscal year then ended, in conformity with generally accepted accounting principles applied on a basis consistent with that of the preceding year.

ERNST & ERNST

New York, N. Y.  
May 20, 1949



# FINANCIAL POSITION

*April 30, 1949*

## OPERATING FUND

### ASSETS:

Cash.....	\$198,043.19
U. S. Government securities—at cost (including accrued interest) .....	426,837.51
Accounts receivable for subscriptions, sale of publications, research, etc.— less allowance.....	63,194.03
Inventory of paper for publications.....	20,549.20
Furniture, fixtures, and library—depreciated to a nominal value of.....	1.00
	<u>\$708,624.93</u>

### LIABILITIES:

Accounts payable.....	\$ 26,496.33
Staff annuity insurance premiums reserve.....	35,300.46
Employees benefits reserve.....	14,096.90
Appropriation for improvement of office facilities in process.....	62,588.28
Reserve for long-range research and education.....	50,000.00
Revenue applicable to subsequent period operations.....	493,489.45
Operating Fund balance at April 30, 1949.....	26,653.51
	<u>\$708,624.93</u>

## RESERVE FUND

### ASSETS:

Cash on deposit.....	\$ 23,797.65
Investments—U. S. Government securities—at cost (including accrued interest).....	526,219.78
Reserve Fund balance at April 30, 1949.....	<u>\$550,017.43</u>

# INCOME AND EXPENSES

*Fiscal Year Ended April 30, 1949*

## OPERATING FUND

### INCOME:

Subscriptions and contributions.....	\$904,910.25	
Separately financed research—reimbursement of costs.....	29,982.17	
Sale of publications.....	25,634.42	
Interest.....	4,830.87	
<b>TOTAL INCOME.....</b>		<b>\$965,357.71</b>

### EXPENSES:

Salaries and outside research services.....	\$523,454.78	
Printing.....	191,141.32	
Outside clerical services.....	21,283.60	
Postage, express, etc.....	49,626.69	
Rent.....	44,304.46	
Office supplies and expenses.....	18,949.17	
Traveling, etc.....	22,705.15	
Meetings.....	6,167.59	
Telephone and telegraph.....	8,952.50	
Electricity.....	3,985.55	
Furniture and fixture costs.....	7,874.44	
Library books, periodicals, etc.....	4,597.79	
Staff annuity insurance premiums.....	24,000.00	
Pensions.....	8,299.00	
Sundry.....	8,985.52	
Restoring to reserve expenditures during year for long-range research and education.....	20,419.16	
<b>TOTAL EXPENSES.....</b>		<b>\$964,746.72</b>
<b>OPERATING FUND BALANCE FOR YEAR.....</b>		<b>\$ 610.99</b>

Operating Fund balance—May 1, 1948.....\$ 67,344.47

### Deduct:

Additional appropriation for completion of improvement of office facilities in process.....	41,301.95	26,042.52
<b>OPERATING FUND BALANCE—April 30, 1949.....</b>		<b>\$ 26,653.51</b>

## RESERVE FUND

### ADDITIONS:

Contributions during year.....	\$ 10,187.25	
Interest income.....	8,179.05	
<b>TOTAL ADDITIONS TO RESERVE FUND.....</b>		<b>\$ 18,366.30</b>
Reserve Fund balance—May 1, 1948.....	531,651.13	
<b>RESERVE FUND BALANCE—April 30, 1949.....</b>		<b>\$550,017.43</b>





PART II

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





## IV

### PERSONNEL ASSOCIATED WITH THE CONFERENCE BOARD

(As of June 1, 1949)

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#### OFFICERS

*Chairman:* A. W. ROBERTSON

Chairman of the Board of Directors, Westinghouse Electric  
Corporation  
New York City

*Vice-Chairman:* NEAL DOW BECKER

President, Intertype Corporation  
Brooklyn, N. Y.

*Vice-Chairman:* COLA G. PARKER

President, Kimberly-Clark Corporation  
Neenah, Wisconsin

*Vice-Chairman:* LANGBOURNE M. WILLIAMS, JR.

President, Freeport Sulphur Company  
New York City

*Chancellor:* VIRGIL JORDAN

247 Park Avenue, New York City

*President:* JOHN S. SINCLAIR

247 Park Avenue, New York City

*Treasurer:* ROLLAND J. HAMILTON

Vice-President, American Radiator & Standard Sanitary  
Corporation  
New York City

*Secretary:* CLYDE L. ROGERS

247 Park Avenue, New York City



## TRUSTEES OF THE BOARD

NEAL DOW BECKER, *Chairman*

**Term Ending in 1950**

CLIFFORD S. ANDERSON

General Counsel, Norton Company, Worcester, Mass.

LOUIS S. CATES

Chairman of the Board, Phelps Dodge Corporation, New York City

ARTHUR M. COLLENS

Chairman of the Board, Phoenix Mutual Life Insurance Company  
Hartford, Conn.

DAVID A. CRAWFORD

President, Pullman Incorporated, Chicago, Ill.

CLARENCE E. HUNTER

Vice-President, The New York Trust Company  
New York City

JAMES L. MADDEN

Second Vice-President, Metropolitan Life Insurance Company  
New York City

JOHN WYCKOFF METTLER

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

COLA G. PARKER

President, Kimberly-Clark Corporation  
Neenah, Wis.

A. W. ROBERTSON

Chairman of the Board of Directors, Westinghouse Electric  
Corporation  
New York City

R. E. WOODRUFF

President, Erie Railroad Company, Cleveland, Ohio

**Term Ending in 1951**

**NEAL DOW BECKER**

President, Intertype Corporation, Brooklyn, N. Y.

**WILLIS H. BOOTH**

Director, Commercial Solvents Corporation, New York City

**DR. W. RANDOLPH BURGESS**

Chairman of the Executive Committee,  
The National City Bank of New York  
New York City

**COLONEL J. F. DRAKE**

Chairman of the Board, Gulf Oil Corporation, Pittsburgh, Pa.

**DAVID M. GOODRICH**

Chairman of the Board, The B. F. Goodrich Company  
New York City

**ROLLAND J. HAMILTON**

Vice-President, American Radiator & Standard Sanitary  
Corporation  
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

**JAMES D. WISE**

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



**Term Ending in 1952**

**C. L. CAMPBELL**

Chairman of the Board, The Connecticut Light & Power Co.  
Hartford, Conn.

**IRÉNÉE DU PONT**

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

**H. J. HEINZ, II**

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

**AUSTIN S. IGLEHEART**

President, General Foods Corporation, 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

**HON. EUGENE MEYER**

*The Washington Post*, Washington, D. C.

**W. C. MULLENDORE**

President, Southern California Edison Company  
Los Angeles, California

**RALPH H. TAPSCOTT**

Chairman of the Board, Consolidated Edison Company of New  
York, Inc.  
New York City

**CHARLES M. WHITE**

President, Republic Steel Corporation  
Cleveland, Ohio

## REGULAR MEMBERS OF THE BOARD

---

- S. C. ALLYN, President, The National Cash Register Company, Dayton, O.
- D. W. AMBRIDGE, President and General Manager, Abitibi Power & Paper Company, Limited, Toronto, Canada.
- CLIFFORD S. ANDERSON, General Counsel, Norton Company, Worcester, Mass.
- MELVIN H. BAKER, President, National Gypsum Company, Buffalo, N. Y.
- DONALD C. BARNES, Chairman of the Board, Virginia Electric and Power Company, Charlottesville, Va.
- J. W. BARRIGER, President, Chicago, Indianapolis and Louisville Railway Company, Chicago, Ill.
- E. R. BARTLETT, President, Hooker Electrochemical Company, Niagara Falls, N. Y.
- W. L. BATT, President, SKF Industries, Inc., Philadelphia, Pa.
- JOHN D. BATTLE, Executive Vice-President, National Coal Association, Washington, D. C.
- LEONARD T. BEALE, Chairman of the Board, Pennsylvania Salt Manufacturing Co., Philadelphia, Pa.
- C. F. BEATTY, Director, Socony-Vacuum Oil Company, Inc., New York City.
- NEAL DOW BECKER, President, Intertype Corporation, Brooklyn, N. Y.
- S. C. BEISE, Executive Vice-President, Bank of America National Trust and Savings Association, San Francisco, Calif.
- F. G. BEMIS, President, Bemis Bro. Bag Co., Boston, Mass.
- A. D. BERNING, Resident Partner, Ernst & Ernst, New York City.
- JAMES B. BLACK, President, Pacific Gas and Electric Company, San Francisco, Calif.
- THOMAS H. BLODGETT, Chairman of the Board and 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 Corporation, New York City.
- STANLEY BRACKEN, President, Western Electric Company, Inc., New York City.
- GEORGE C. BRAINARD, President and General Manager, Addressograph-Multigraph Corporation, Cleveland, O.



- HENRY P. BRISTOL, Chairman of the Board, Bristol-Myers Company, New York City.
- A. T. BROWN, Executive Vice-President, Caterpillar Tractor Co., Peoria, Ill.
- LEWIS H. BROWN, Chairman of the Board, Johns-Manville Corporation, New York City.
- EDWARD G. BUDD, JR., President, The Budd Company, Philadelphia, Pa.
- HARRY A. BULLIS, Chairman of the Board, General Mills, Inc., Minneapolis, Minn.
- DR. W. RANDOLPH BURGESS, Chairman of the Executive Committee, The National City Bank of New York, New York City.
- GEORGE W. BURPEE, Coverdale & Colpitts, New York City.
- THOMAS D. CABOT, Vice-President, Godfrey L. Cabot, Inc., Boston, Mass.
- C. L. CAMPBELL, Chairman of the Board, The Connecticut Light & Power Co., Hartford, Conn.
- CALVERT CAREY, President, The Yale & Towne Manufacturing Company, New York City.
- HARRY C. CARR, President, The First National Bank of Philadelphia, Philadelphia, Pa.
- LOUIS S. CATES, Chairman of the Board, Phelps Dodge Corporation, New York City.
- COLONEL WILLARD CHEVALIER, Senior Vice-President and Assistant to the President, McGraw-Hill Publishing Company, Inc., New York City.
- L. R. CLAUSEN, Chairman of the Board, J. I. Case Company, Racine, Wis.
- JOHN S. COLEMAN, President, Burroughs Adding Machine Company, Detroit, Mich.
- STEWART P. COLEMAN, Director, Standard Oil Company (New Jersey), New York City.
- 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, Chairman of the Board, Phoenix Mutual Life Insurance Company, Hartford, Conn.
- ROBERT H. COLLEY, President, The Atlantic Refining Company, Philadelphia, Pa.
- W. H. COLVIN, JR., President, Crucible Steel Company of America, New York City.
- GEORGE H. COPPERS, President, National Biscuit Company, New York City.

PHILIP CORTNEY, President, Coty, Inc., New York City.  
 DAVID A. CRAWFORD, President, Pullman Incorporated, Chicago, Ill.  
 F. C. CRAWFORD, President, Thompson Products, Inc., Cleveland, O.  
 STUART M. CROCKER, President, The Columbia Gas System, Inc., New York City.  
 CRAIG F. CULLINAN, President, American Republics Corporation, Houston, Texas.  
 ALBERT B. DICK, JR., Chairman of the Board, A. B. Dick Company, Chicago, Ill.  
 ARTHUR O. DIETZ, President, C.I.T. Financial Corporation, New York City.  
 DONALD W. DOUGLAS, President, Douglas Aircraft Company, Inc., Santa Monica, Calif.  
 COLONEL J. F. DRAKE, Chairman of the Board, Gulf Oil Corporation, Pittsburgh, Pa.  
 THOMAS DREVER, Chairman of the Board, American Steel Foundries, Chicago, Ill.  
 LAMMOT DU PONT, Director, E. I. du Pont de Nemours & Company, Inc., Wilmington, Del.  
 PERCY J. EBBOTT, President, The Chase National Bank of the City of New York, New York City.  
 CHARLES E. EBERT, President, Philadelphia Transportation Company, Philadelphia, Pa.  
 DAVID F. EDWARDS, President, Saco-Lowell Shops, Boston, Mass.  
 M. H. EISENHART, President, Bausch & Lomb Optical Co., Rochester, N. Y.  
 VICTOR EMANUEL, Chairman of the Board and President, AVCO Manufacturing Corporation, New York City.  
 WILLIAM N. ENSTROM, Chairman of the Board, Irving Trust Company, New York City.  
 IRVING N. ESLEECK, President, Esleeck Manufacturing Company, Turners Falls, Mass.  
 ROBERT G. FAIRBURN, President, The Diamond Match Company, New York City.  
 ALEXANDER D. FALCK, Honorary Chairman of the Board, Corning Glass Works, Elmira, N. Y.  
 EDWARD P. FARLEY, Chairman of the Board, American-Hawaiian Steamship Company, New York City.  
 SAMUEL FERGUSON, Chairman of the Board, The Hartford Electric Light Co., Hartford, Conn.  
 HARVEY S. FIRESTONE, JR., Chairman of the Board, The Firestone Tire & Rubber Company, Akron, O.  
 JAMES F. FOGARTY, Chairman, Executive & Finance Committee, The North American Company, New York City.



- R. G. FOLLIS, Vice-Chairman of the Board, Standard Oil Company of California, San Francisco, Calif.
- MARION B. FOLSOM, Treasurer, Eastman Kodak Company, Rochester, N. Y.
- HENRY FORD, II, President, Ford Motor Company, Dearborn, Mich.
- JAMES D. FRANCIS, Chairman, Board of Directors, Island Creek Coal Company, Huntington, W. Va.
- ALEXANDER FRASER, President, Shell Union Oil Corporation, New York City.
- DUNCAN W. FRASER, Chairman of the Board, American Locomotive Company, New York City.
- WALTER D. FULLER, President, The Curtis Publishing Company, Philadelphia, Pa.
- PAUL GARRETT, Vice-President, General Motors Corporation, New York City.
- A. A. GARTHWAITE, President, Lee Rubber & Tire Corporation, Conshohocken, Pa.
- R. C. GAUGLER, Executive Vice-President, American Cyanamid Company, New York City.
- R. E. GILLMOR, Vice-President, The Sperry Corporation, New York City.
- 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.
- J. PETER GRACE, JR., President, W. R. Grace & Company, New York City.
- WILLIAM J. GRAHAM, Director, The Equitable Life Assurance Society of the United States, New York City.
- WILLIAM S. GRAY, President, Central Hanover Bank and Trust Company, New York City.
- E. B. GREENE, Chairman of the Board, The Cleveland-Cliffs Iron Co., Cleveland, O.
- LARRY E. GUBB, Director, Philco Corporation, Philadelphia, Pa.
- ROLLAND J. HAMILTON, Vice-President, American Radiator & Standard Sanitary Corporation, New York City.
- CHARLES J. HARDY, Chairman of the Board, American Car and Foundry Company, New York City.
- RICHARD HARTE, President, Ames Baldwin Wyoming Co., Parkersburg, W. Va.
- H. J. HEINZ, II, President, H. J. Heinz Company, Pittsburgh, Pa.
- HAROLD H. HELM, President, Chemical Bank & Trust Company, New York City.

- H. B. HIGGINS, President, Pittsburgh Plate Glass Company, Pittsburgh, Pa.
- W. T. HOLLIDAY, Chairman of the Board, The Standard Oil Company (Ohio), Cleveland, O.
- CHARLES R. HOOK, Chairman of the Board, Armco Steel Corporation, Middletown, O.
- 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.
- COLONEL CHAS. F. H. JOHNSON, President, Botany Mills, Inc., Passaic, N. J.
- H. F. JOHNSON, President, S. C. Johnson & Son, Inc., Racine, Wis.
- W. C. JOHNSON, Executive Vice-President, Allis-Chalmers Manufacturing Co., Milwaukee, Wis.
- HARRISON JONES, Chairman of the Board, The Coca-Cola Company, Atlanta, Ga.
- DEVEREUX C. JOSEPHS, President, New York Life Insurance Company, New York City.
- LEONARD KEBLER, Chairman of the Board, Ward Leonard Electric Company, Mt. Vernon, N. Y.
- 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, Ill.
- HERBERT V. KOHLER, President, Kohler Company, Kohler, Wis.
- KINGSLEY KUNHARDT, Vice-President, Guaranty Trust Company of New York, New York City.
- WILLIAM FULTON KURTZ, President, The Pennsylvania Company for Banking and Trusts, Philadelphia, Pa.
- J. M. LARKIN, Vice-President, Bethlehem Steel Company, Inc., Bethlehem, Pa.
- JAMES F. LINCOLN, President, The Lincoln Electric Company, Cleveland, O.
- H. P. LIVERSIDGE, Chairman of the Board, Philadelphia Electric Company, Philadelphia, Pa.
- JOHN R. LOTZ, Chairman of the Board, Stone & Webster Engineering Corporation, New York City.
- J. SPENCER LOVE, Chairman of the Board, Burlington Mills Corporation, Washington, D. C.



- CHARLES LUCKMAN, President, Lever Brothers Company, Cambridge, Mass.
- H. W. LUHNOW, President, William Volker & Company, Inc., Kansas City, Mo.
- DAVID L. LUKE, JR., President, West Virginia Pulp and Paper Company, New York City.
- JOEL Y. LUND, Vice-President, Lambert Pharmacal Company, St. Louis, Mo.
- LELAND LYON, Chairman of the Board, Atlas Powder Company, Wilmington, Del.
- H. M. McADOO, President, The United States Leather Company, New York City.
- HUGHSTON M. McBAIN, Chairman of the Board, Marshall Field & Company, Chicago, Ill.
- FOWLER McCORMICK, Chairman of the Board, International Harvester Company, Chicago, Ill.
- EDWARD F. McGRADY, Vice-President in Charge of Labor Relations, Radio Corporation of America, New York City.
- JAMES L. MADDEN, Second Vice-President, Metropolitan Life Insurance Company, New York City.
- W. G. MARSHALL, Vice-President, Westinghouse Electric Corporation, Pittsburgh, Pa.
- EARL R. MELLEN, President, Weston Electrical Instrument Corporation, Newark, N. J.
- 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, *The Washington Post*, Washington, D. C.
- R. L. MINCKLER, President, General Petroleum Corporation, Los Angeles, Calif.
- ADMIRAL BEN MOREELL, Chairman of the Board and President, Jones & Laughlin Steel Corporation, Pittsburgh, Pa.
- GEORGE L. MORRISON, President, General Baking Company, New York City.
- HUGH MORROW, Chairman of the Board, Sloss-Sheffield Steel & Iron Company, Birmingham, Ala.
- JAMES E. MOUL, President, The Turbo-Mixer Corporation, New York City (Subsidiary of General American Transportation Corporation).
- MALCOLM MUIR, President, *Newsweek*, New York City.
- W. C. MULLENDORE, President, Southern California Edison Company, Los Angeles, Calif.
- CHARLES S. MUNSON, Chairman of the Board of Directors, Air Reduction Company, Inc., New York City.

- LAWRENCE N. MURRAY, President, Mellon National Bank and Trust Company, Pittsburgh, Pa.
- JOHN M. MUSSER, Secretary, Weyerhaeuser Sales Company, St. Paul, Minn.
- JOSEPH H. NUELLE, President, Delaware and Hudson Railroad Corporation, New York City.
- IRVING S. OLDS, Chairman of the Board of Directors, United States Steel Corporation, New York City.
- JOHN M. OLIN, President, Olin Industries, Inc., East Alton, Ill.
- C. N. OSBORNE, Vice-President—Treasurer, The M. A. Hanna Company, Cleveland, O.
- COLA G. PARKER, President, Kimberly-Clark Corporation, Neenah, Wis.
- J. HEBER PARKER, Chairman of the Board, The Carpenter Steel Company, Reading, Pa.
- A. B. PATERSON, President, New Orleans Public Service, Inc., New Orleans, La.
- MOREHEAD PATTERSON, Chairman of the Board and President, American Machine & Foundry Company, New York City.
- L. A. PETERSEN, President, Otis Elevator Company, New York City.
- BERNARD PEYTON, Vice-President and Treasurer, The New York Air Brake Company, New York City.
- MARVIN PIERCE, President, McCall Corporation, New York City.
- CLEVE H. POMEROY, President, National Malleable and Steel Castings Co., Cleveland, O.
- AUGUSTE G. PRATT, Chairman of the Board, The Babcock & Wilcox Company, New York City.
- H. W. PRENTIS, JR., President, Armstrong Cork Company, Lancaster, Pa.
- B. EARL PUCKETT, President, Allied Stores Corporation, New York City.
- EDGAR MONSANTO QUEENY, Chairman of the Board, Monsanto Chemical Company, St. Louis, Mo.
- ARTHUR H. QUIGLEY, President, The American Brass Company, Waterbury, Conn.
- CLARENCE B. RANDALL, President, Inland Steel Company, Chicago, Ill.
- MARTIN M. REED, President, Mergenthaler Linotype Company, Brooklyn, N. Y.
- PHILIP D. REED, Chairman of the Board, General Electric Company, New York City.
- DR. FRANK H. REICHEL, Chairman of the Board and President, American Viscose Corporation, Philadelphia, Pa.



- RICHARD S. RHEEM, President, Rheem Manufacturing Company, South Gate, Calif.
- LUNSFORD RICHARDSON, Chairman of the Board of Directors, Vick Chemical Company, New York City.
- COLONEL WILLARD F. ROCKWELL, Chairman of the Board, Rockwell Manufacturing Co., Pittsburgh, Pa.
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American Type Founders, Incorporated

GORDON VAN ARK,  
Division Manager, Personnel Development,  
General Foods Corporation

ROBERT ZIMMERMAN,  
Director of Educational Work,  
Public Service Electric and Gas Company

## STAFF ASSOCIATES

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### DIVISION OF BUSINESS ECONOMICS

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FREDERICK W. JONES, *Assistant Director*

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LAWRENCE A. MAYER

MIRIAM CIVIC

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GERTRUDE DEUTSCH

BERNARD MOSS

J. FRANK GASTON

ROSE NAIDICH

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CECILE POLLACK

SHIRLEY S. HOFFMAN

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JOSEPH S. ZEISEL

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FRANK REIS

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SALVATORE SCUTARO



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MARILYN A. LOWELL  
MARTHA P. MOHTASHAMI

JOHN G. NAPIER  
STAMFORD M. NISHIMURA  
WILLIAM ROSENSTEIN  
EILEEN T. ROSS  
ROSE M. ROSS

LEONARD TOBIAS

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NATALIE E. FRIEDMAN

FLORENCE S. GEIGER  
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DOROTHY FRANC

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MARIE TEICHNER

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FRANK NASH

YVETTE ROSENBLUM

## INFORMATION SERVICE DIVISION

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EVELYN B. BALDWIN  
CAROLINE BOARDMAN

ELIZABETH M. EILERMAN  
LOUISE PATTERSON

ROSEMARY VERME

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EDITH ATWOOD

MARY KELLEHER

BETTY CHIAPPA

AUDREY METZ

MARY E. FOX

NATALIE PERRONE

PATRICIA M. REVILLE

## ACCOUNTING AND OFFICE SERVICE DIVISION

GEORGE E. SHAW, *Director*

VERA REAP

### Accounting

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HELEN P. MASTHOFF

GLORIA J. KING

RITA M. PETRONE

LEMPI J. VAINIO

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BEATRICE M. BARRETT

WILLIAM R. ARSENAULT

WILLIAM J. LOUGHNANE

JEANNE BRAUMULLER

LILLIAN J. McVICKER

CHARLOTTE E. BRINS

URSULA D. MAHER

ELIZABETH H. CROFTS

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RUTH E. CURRY

IRENE E. MIHALOVICH

MARY FINNER

MARY LOU MILLS

LOIS J. GILLERAN

ROBERT A. MORRISON

PAUL F. GRAHAM

JUNE G. POHLE

THERESA J. HELLERICH

PATRICK J. ROSS

ALICE KULLMANN

ARTHUR J. ROUSSEAU

LENORE SULZBERGER

## AMERICAN AFFAIRS

GARET GARRETT, *Editor*

GLENN HUTCHENS

T. E. KELLCAN

## THE ADMINISTRATIVE DIVISION

CLYDE L. ROGERS, *Secretary*

LEORA R. GATTONI

MARGARET M. STEGMAN

GEORGE E. SHAW, *Controller*



## In Memoriam

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GEORGE A. BLACKMORE,

Chairman of the Board, The Westinghouse Air Brake Company.

Member of THE CONFERENCE BOARD, 1940-1948.

Died October 2, 1948.

JOHN A. COE,

Former President and Chairman of the Board, American Brass Company.

Member of THE CONFERENCE BOARD, 1927-1945.

Died August 5, 1948.

GEORGE W. DOLAN,

Chairman of the Board, Mathieson Chemical Corporation.

Member of THE CONFERENCE BOARD, 1947-1948.

Died July 24, 1948.

JOHN HENRY HAMMOND,

Partner, Dorr, Hammond, Hand and Dawson.

Member of THE CONFERENCE BOARD, 1928-1938; Councillor, 1938-1949; Executive Committee Member and Trustee, 1934-1949; Chairman, 1936-1937.

Died June 28, 1949.

HARRY M. HOOKER,

Former President and retired Chairman of the Board of Directors, Hooker Electrochemical Company.

Member of THE CONFERENCE BOARD, 1938-1949.

Died April 9, 1949.

WILLIAM P. JACOBS,

President, The American Cotton Manufacturers Association.

Member of THE CONFERENCE BOARD, 1945-1948.

Died July 25, 1948.

FRANCIS ROBERT LUSARDI,

Member of the Research Staff of THE CONFERENCE BOARD since December, 1946.

Died July 5, 1949.

WILLIAM WALLACE NICHOLS,

Former Assistant to President, Allis-Chalmers Manufacturing Company.

Member of THE CONFERENCE BOARD, 1927-1947.

Died August 13, 1948.

ALEXANDER E. PATTERSON,

President, The Mutual Life Insurance Company of New York.

Member of THE CONFERENCE BOARD, 1947-1948.

Died September 11, 1948.

SAMUEL CLAY WILLIAMS,

Chairman of the Board of Directors, R. J. Reynolds Tobacco Company.

Member of THE CONFERENCE BOARD, 1933-1949; Trustee, 1943-1949; Chairman, 1943-1944.

Died February 25, 1949.



## V

### ASSOCIATES OF THE CONFERENCE BOARD

(As of May 31, 1949)

#### INDUSTRIAL ASSOCIATES

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

AEROQUIP CORPORATION, Jackson, Mich.  
AIRCRAFT-MARINE PRODUCTS INC., Harrisburg, Pa.  
AMERICAN TUBE BENDING COMPANY, INC., New Haven, Conn.  
BEECH AIRCRAFT CORPORATION, Wichita, Kan.  
BENDIX AVIATION CORPORATION, South Bend, Ind.  
BOEING AIRPLANE COMPANY, Seattle, Wash.  
CAMFIELD MANUFACTURING COMPANY, Grand Haven, Mich.  
CANADIAN PRATT & WHITNEY AIRCRAFT COMPANY LIMITED,  
Longueuil, Quebec, Canada.  
CESSNA AIRCRAFT COMPANY (THE), Wichita, Kan.  
CONSOLIDATED VULTEE AIRCRAFT CORPORATION, San Diego, Cal.  
CURTISS-WRIGHT CORPORATION, PROPELLER DIVISION, Caldwell,  
N. J.  
DOUGLAS AIRCRAFT COMPANY, INC., Santa Monica, Cal.  
EATON MANUFACTURING COMPANY, Cleveland, O.  
FAIRCHILD ENGINE AND AIRPLANE CORPORATION, New York City.  
GRUMMAN AIRCRAFT ENGINEERING CORPORATION, Bethpage, Long  
Island, N. Y.  
LIBERTY PRODUCTS CORPORATION, Farmingdale, L. I., N. Y.  
LOCKHEED AIRCRAFT CORPORATION, Burbank, Cal.  
NORTH AMERICAN AVIATION, INCORPORATED, Los Angeles, Cal.  
NORTHROP AIRCRAFT, INC., Hawthorne, Cal.  
PIASECKI HELICOPTER CORPORATION, Morton, Pa.  
PUROLATOR PRODUCTS, INC., Newark, N. J.  
REPUBLIC AVIATION CORPORATION, Farmingdale, N. Y.  
SCOTT & WILLIAMS, INC., Laconia, N. H.  
SOLAR AIRCRAFT COMPANY, San Diego, Cal.  
SPARTAN AIRCRAFT COMPANY, Tulsa, Okla.  
THOMPSON PRODUCTS, INC., Cleveland, O.  
UNITED AIRCRAFT CORPORATION, East Hartford, Conn.  
WRIGHT AERONAUTICAL CORPORATION, Wood-Ridge, N. J.

### *Automotive Vehicles, Parts and Accessories*

AMERICAN BOSCH CORPORATION, Springfield, Mass.  
AMERICAN FORGING & SOCKET CO., Pontiac, Mich.  
ANDERSON COMPANY (THE), Gary, Ind.  
AUTOMOTIVE & AVIATION PARTS MANUFACTURERS, INC., Detroit, Mich.  
BENDIX AVIATION CORPORATION, ECLIPSE MACHINE DIVISION, Elmira, N. Y.  
BLACKSTONE CORPORATION, Jamestown, N. Y.  
BOSTROM MANUFACTURING COMPANY, Milwaukee, Wis.  
BRIGGS MANUFACTURING COMPANY, Detroit, Mich.  
CANNON ELECTRIC DEVELOPMENT COMPANY, Los Angeles, Cal.  
CHAMPION SPARK PLUG COMPANY, Toledo, O.  
CHRYSLER CORPORATION, Detroit, Mich.  
CHRYSLER CORPORATION OF CANADA, LIMITED, Windsor, Ontario, Canada.  
CLARK EQUIPMENT COMPANY, Buchanan, Mich.  
CLEVELAND GRAPHITE BRONZE COMPANY, Cleveland, O.  
DEARBORN MOTORS CORPORATION, Detroit, Mich.  
DIAMOND T MOTOR CAR COMPANY, Chicago, Ill.  
EICOR, INC., Chicago, Ill.  
ELECTRIC AUTO-LITE COMPANY, Toledo, O.  
EVANS PRODUCTS COMPANY, Plymouth, Mich.  
FAIRFIELD MANUFACTURING COMPANY, Lafayette, Ind.  
FEDDERS-QUIGAN CORPORATION, Buffalo, N. Y.  
FEDERAL-MOGUL CORPORATION, Detroit, Mich.  
FEDERAL MOTOR TRUCK COMPANY, Detroit, Mich.  
FORD MOTOR COMPANY, Dearborn, 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.  
HEINTZ MANUFACTURING COMPANY, Philadelphia, Pa.  
HOLLEY CARBURETOR COMPANY, Detroit, Mich.  
HOUDAILLE-HERSHEY CORPORATION, Detroit, Mich.  
KAISER-FRAZER CORPORATION, Willow Run, Mich.  
KING-SEELEY CORPORATION, Ann Arbor, Mich.  
LIPE-ROLLWAY CORPORATION, Syracuse, N. Y.  
LORD MANUFACTURING COMPANY, Erie, Pa.  
MAREMONT AUTOMOTIVE PRODUCTS, INC., Chicago, Ill.  
McCORD CORPORATION, Detroit, Mich.  
MOTOR WHEEL CORPORATION, Lansing, Mich.  
MURRAY CORPORATION OF AMERICA, Detroit, Mich.  
NASH-KELVINATOR CORPORATION, Detroit, Mich.



### *Automotive Vehicles, Parts and Accessories (Continued)*

PACKARD MOTOR CAR COMPANY, Detroit, Mich.  
REO MOTOR COMPANY OF CANADA, LIMITED, Toronto, Canada.  
REO MOTORS, INC., Lansing, Mich.  
RUSSELL MANUFACTURING COMPANY, Middletown, Conn.  
SMITH (A. O.) CORPORATION, Milwaukee, Wis.  
SPICER MANUFACTURING—DIVISION OF DANA CORPORATION,  
Toledo, O.  
STEWART-WARNER CORPORATION, Chicago, Ill.  
STUDEBAKER CORPORATION, South Bend, Ind.  
SUPERIOR COACH CORPORATION, Lima, O.  
THERMOID COMPANY, Trenton, N. J.  
TIMKEN-DETROIT AXLE COMPANY (THE), Detroit, Mich.  
TRAILMOBILE COMPANY (THE), Cincinnati, O.  
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.  
WILLYS-OVERLAND MOTORS, INC., Toledo, O.  
WOODALL INDUSTRIES INC., Detroit, Mich.

### *Building Materials and Supplies*

ALLENTOWN PORTLAND CEMENT CO., Catasauqua, Pa.  
ALPHA PORTLAND CEMENT COMPANY, Easton, Pa.  
ALTON BRICK COMPANY, Alton, Ill.  
AMERICAN CREOSOTING COMPANY, INC., Louisville, Ky.  
AMERICAN ENCAUSTIC TILING COMPANY, INC., Lansdale, Pa.  
ANGELINA COUNTY LUMBER COMPANY, Keltys, Tex.  
BESSEMER LIMESTONE AND CEMENT COMPANY (THE), Youngs-  
town, O.  
BIRD & SON, INC., East Walpole, Mass.  
BIRMINGHAM SLAG COMPANY, Birmingham, Ala.  
BLUE DIAMOND CORPORATION, Los Angeles, Cal.  
BRYANT HEATER COMPANY, Cleveland, O.  
CAMBRIDGE TILE MFG. CO. (THE), Cincinnati, O.  
CAMERON (WM.) & CO., INC., Waco, Tex.  
CAREY (PHILIP) MANUFACTURING COMPANY (THE), Cincinnati, O.  
CELOTEX CORPORATION (THE), Chicago, Ill.  
CENTRAL FOUNDRY CO. (THE), New York City.  
CURTIS COMPANIES INCORPORATED, Clinton, Ia.  
CUTLER-MAGNER COMPANY, Duluth, Minn.  
DAY & NIGHT MANUFACTURING CO., Monrovia, Cal.  
DUTTON (A. C.) LUMBER CORPORATION, Poughkeepsie, N. Y.

*Building Materials and Supplies (Continued)*

FLINTKOTE COMPANY (THE), New York City.  
GENERAL PORTLAND CEMENT COMPANY, Chicago, Ill.  
GLADDING, McBEAN & COMPANY, San Francisco, Cal.  
GLENS FALLS PORTLAND CEMENT COMPANY, New York City.  
HARBOR PLYWOOD CORPORATION, Hoquiam, Wash.  
HINES (EDWARD) LUMBER Co., Chicago, Ill.  
HOMASOTE COMPANY, Trenton, N. J.  
INTERNATIONAL DERRICK & EQUIPMENT Co., Beaumont, Tex.  
JOHNS-MANVILLE CORPORATION, New York City.  
KENNEDY (DAVID E.) INC., Brooklyn, N. Y.  
KWIKSET LOCKS, INC., Anaheim, Cal.  
LEHIGH PORTLAND CEMENT COMPANY, Allentown, Pa.  
LONE STAR CEMENT CORPORATION, New York City.  
LONG-BELL LUMBER COMPANY (THE), Kansas City, Mo.  
MARBLE CLIFF QUARRIES COMPANY, Columbus, O.  
MEDUSA PORTLAND CEMENT COMPANY, Cleveland, O.  
MINNESOTA MINING & MANUFACTURING COMPANY, St. Paul, Minn.  
MISSOURI PORTLAND CEMENT COMPANY, St. Louis, Mo.  
MUELLER (L. J.) FURNACE COMPANY, Milwaukee, Wis.  
NATIONAL GYPSUM COMPANY, Buffalo, N. Y.  
NATIONAL RADIATOR COMPANY, Johnstown, Pa.  
NAZARETH CEMENT COMPANY, Nazareth, Pa.  
NETTLETON TIMBER COMPANY, Seattle, Wash.  
NORTH AMERICAN CEMENT CORPORATION, New York City.  
NORTHWESTERN STATES PORTLAND CEMENT COMPANY, Mason  
City, Ia.  
PARAFFINE COMPANIES, INC. (THE), San Francisco, Cal.  
PAYNE FURNACE COMPANY, Beverly Hills, Cal.  
PEERLESS CEMENT CORPORATION, Detroit, Mich.  
PENNSYLVANIA-DIXIE CEMENT CORPORATION, New York City.  
PRITZLAFF (JOHN) HARDWARE COMPANY, Milwaukee, Wis.  
RAYMOND CONCRETE PILE COMPANY, New York City.  
ROBERTSON (H. H.) COMPANY, Pittsburgh, Pa.  
ROCK OF AGES CORPORATION, Barre, Vt.  
SAN EQUIP, INC., Syracuse, N. Y.  
SIMPSON LOGGING COMPANY, Seattle, Wash.  
SISALKRAFT Co. (THE), Chicago, Ill.  
STUPP BROTHERS BRIDGE & IRON COMPANY, St. Louis, Mo.  
UNION LUMBER COMPANY, San Francisco, Cal.  
UNITED STATES GYPSUM COMPANY, Chicago, Ill.  
UNITED STATES RADIATOR CORPORATION, Detroit, Mich.  
UNIVERSAL ATLAS CEMENT COMPANY, New York City.  
UNIVERSAL SANITARY MFG. COMPANY, New Castle, Pa.  
UPSON COMPANY (THE), Lockport, N. Y.



### *Building Materials and Supplies (Continued)*

VERMILYA-BROWN COMPANY, INC., New York City.  
WARNER COMPANY, Philadelphia, Pa.  
WHITNEY BLAKE COMPANY (THE), New Haven, Conn.  
WILMOTH PAVING COMPANY, Washington, D. C.  
YARDLEY INDUSTRIES, Columbus, O.

### *Chemicals, Drugs and Dyes*

ABBOTT LABORATORIES, North Chicago, Ill.  
AIR REDUCTION COMPANY, INC., 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 POTASH & CHEMICAL CORPORATION, Trona, Cal.  
ARNOLD, HOFFMAN & Co., INC., Providence, R. I.  
ATLAS POWDER COMPANY, Wilmington, Del.  
BAKER CASTOR OIL COMPANY (THE), New York City.  
BAY CHEMICAL COMPANY, INC., New Orleans, La.  
BINNEY & SMITH COMPANY, New York City.  
BRISTOL-MYERS COMPANY, New York City.  
BURROUGHS WELLCOME & Co., INC., New York City.  
CABOT (GODFREY L.), INC., Boston, Mass.  
CANADIAN INDUSTRIES LIMITED, Montreal, Quebec, Canada.  
CAYUGA ROCK SALT COMPANY, INC., Myers, N. Y.  
CHATTANOOGA MEDICINE COMPANY, Chattanooga, Tenn.  
CHEMICAL RUBBER CO. (THE), Cleveland, Ohio.  
CHESEBROUGH MANUFACTURING COMPANY CONS'D, New York City.  
CIBA PHARMACEUTICAL PRODUCTS, INC., Summit, N. J.  
CIBA STATES, LIMITED, New York City.  
CINCINNATI CHEMICAL WORKS, INC., Cincinnati, O.  
COMMERCIAL SOLVENTS CORPORATION, New York City.  
COOK-WAITE LABORATORIES, INC., New York City.  
COTY, INC., New York City.  
CUTTER LABORATORIES, Berkeley, Cal.  
DARLING & COMPANY, Chicago, Ill.  
DAVISON CHEMICAL CORPORATION, Baltimore, Md.  
DEWEY AND ALMY CHEMICAL COMPANY, Cambridge, Mass.  
DIAMOND ALKALI COMPANY, Cleveland, O.  
DIVERSEY CORPORATION (THE), Chicago, Ill.  
DOW CHEMICAL COMPANY, Midland, Mich.  
DRACKETT COMPANY, Cincinnati, O.  
DU PONT (E. I.) DE NEMOURS & COMPANY, INCORPORATED, Wilmington, Del.

*Chemicals, Drugs and Dyes (Continued)*

FILTROL CORPORATION, Los Angeles, Cal.  
FREEPORT SULPHUR COMPANY, New York City.  
GENERAL ANILINE & FILM CORPORATION, New York City.  
GENERAL DYESTUFF CORPORATION, New York City.  
GIVAUDAN-DELAWANNA, INC., New York City.  
GLIDDEN COMPANY, Cleveland, O.  
GRIFFIN MANUFACTURING COMPANY, INC., Brooklyn, N. Y.  
HARSHAW CHEMICAL COMPANY (THE), Cleveland, O.  
HERCULES POWDER COMPANY, INC., Wilmington, Del.  
HOFFMANN-LA ROCHE INC., Nutley, N. J.  
HOLLINGSHEAD (R. M.) CORPORATION, Camden, N. J.  
HOOKER ELECTROCHEMICAL COMPANY, Niagara Falls, N. Y.  
HOUGHTON (E. F.) & COMPANY, Philadelphia, Pa.  
IMPERIAL CHEMICAL INDUSTRIES LIMITED, London, England.  
INNIS, SPEIDEN & COMPANY, INC., New York City.  
INTERNATIONAL MINERALS & CHEMICAL CORP., Chicago, Ill.  
KAY-FRIES CHEMICALS, INC., New York City.  
LAMBERT PHARMACAL COMPANY, St. Louis, Mo.  
LILLY (ELI) & COMPANY, Indianapolis, Ind.  
LIQUID CARBONIC CORPORATION, Chicago, Ill.  
LUBRIZOL CORPORATION (THE), Cleveland, O.  
MACDERMID INCORPORATED, Waterbury, Conn.  
MACK-MILLER CANDLE CO., INC., Syracuse, N. Y.  
MALLINCKRODT CHEMICAL WORKS, St. Louis, Mo.  
MARINE MAGNESIUM PRODUCTS CORPORATION, South San Francisco, Cal.  
MATHIESON CHEMICAL CORPORATION, New York City.  
McKESSON & ROBBINS, INC., New York City.  
MERCK & CO., INC., Rahway, N. J.  
MIDWEST CARBIDE CORPORATION, Keokuk, Ia.  
MILES LABORATORIES, INC., Elkhart, Ind.  
MONSANTO CHEMICAL COMPANY, St. Louis, Mo.  
MUTUAL CHEMICAL COMPANY OF AMERICA, New York City.  
NATIONAL CYLINDER GAS COMPANY, Chicago, Ill.  
NEVILLE COMPANY (THE), Pittsburgh, Pa.  
NIAGARA ALKALI COMPANY, New York City.  
NOPCO CHEMICAL COMPANY, INC., Harrison, N. J.  
NORWICH PHARMACAL COMPANY (THE), Norwich, N. Y.  
OAKITE PRODUCTS, INC., New York City.  
OLDBURY ELECTRO-CHEMICAL COMPANY, Niagara Falls, N. Y.  
ORTHO PHARMACEUTICAL CORPORATION, Raritan, N. J.  
PARKE, DAVIS & COMPANY, Detroit, Mich.  
PENNSYLVANIA SALT MANUFACTURING COMPANY, Philadelphia, Pa.  
PFIZER (CHAS.) & CO., INC., New York City.



*Chemicals, Drugs and Dyes (Continued)*

PHILADELPHIA QUARTZ COMPANY, Philadelphia, Pa.  
POTASH COMPANY OF AMERICA, Carlsbad, N. M.  
PUREX CORPORATION, LTD., South Gate, Cal.  
REXALL DRUG COMPANY, Los Angeles, Cal.  
ROBESON PROCESS COMPANY, New York City.  
ROHM & HAAS COMPANY, Philadelphia, Pa.  
RUBINSTEIN (HELENA) INC., New York City.  
RUMFORD DIVISION—HEYDEN CHEMICAL CORPORATION, Rumford,  
R. I.  
SCHERING CORPORATION, Bloomfield, N. J.  
SCHIEFFELIN & COMPANY, New York City.  
SEARLE (G. D.) & Co., Chicago, Ill.  
SHARP & DOHME, INC., Philadelphia, Pa.  
SMITH BROTHERS, INC., Poughkeepsie, N. Y.  
SMITH, KLINE & FRENCH LABORATORIES, Philadelphia, Pa.  
SOUTHERN ALKALI CORPORATION, Corpus Christi, Tex.  
SPENCER CHEMICAL COMPANY, Kansas City, Mo.  
SQUIBB (E. R.) & SONS, Brooklyn, N. Y.  
STANDARD CHEMICAL COMPANY, LIMITED, Toronto, Canada.  
STAUFFER CHEMICAL COMPANY, INC., New York City.  
SUN CHEMICAL CORPORATION, Long Island City, N. Y.  
TENNESSEE CORPORATION, New York City.  
TENNESSEE EASTMAN CORPORATION, Kingsport, Tenn.  
TEXAS GULF SULPHUR COMPANY, New York City.  
TRUBEK LABORATORIES (THE), East Rutherford, N. J.  
UNION CARBIDE AND CARBON CORPORATION, New York City.  
UNITED STATES INDUSTRIAL CHEMICALS, INC., New York City.  
UNITED STATES POTASH COMPANY, INC., New York City.  
UNIVERSAL MOULDED PRODUCTS CORPORATION, Philadelphia, Pa.  
UPJOHN COMPANY, Kalamazoo, Mich.  
VICK CHEMICAL COMPANY, New York City.  
VICTOR CHEMICAL WORKS, Chicago, Ill.  
VIRGINIA-CAROLINA CHEMICAL CORPORATION, Richmond, Va.  
WALLERSTEIN COMPANY, INC., New York City.  
WATKINS (J. R.) COMPANY (THE), Winona, Minn.  
WESTVACO CHEMICAL DIVISION—FOOD MACHINERY AND CHEMICAL  
CORPORATION, New York City.  
WHITE LABORATORIES, INC., Newark, N. J.  
WILL & BAUMER CANDLE CO., INC., Syracuse, N. Y.  
WILLIAMS (C. K.) & Co., Easton, Pa.  
WINTHROP-STEARNS, INC., Rensselaer, N. Y.  
WITCO CHEMICAL COMPANY, New York City.  
WYANDOTTE CHEMICALS CORPORATION, Wyandotte, Mich.

## *Coal and Coke*

APPALACHIAN COALS, INC., Cincinnati, O.  
BERWIND-WHITE COAL MINING CO., New York City.  
CHICAGO, WILMINGTON & FRANKLIN COAL COMPANY, Chicago, Ill.  
COLORADO FUEL AND IRON CORPORATION (THE), Denver, Colo.  
EASTERN GAS AND FUEL ASSOCIATES, Boston, Mass.  
FRANKLIN COUNTY COAL CO., Chicago, Ill.  
GLEN ALDEN COAL COMPANY, Wilkes-Barre, Pa.  
HANNA COAL & ORE CORPORATION, Cleveland, O.  
ISLAND CREEK COAL COMPANY, Huntington, W. Va.  
LEHIGH COAL AND NAVIGATION COMPANY, Philadelphia, Pa.  
LEHIGH VALLEY COAL COMPANY (THE), New York City.  
MILWAUKEE SOLVAY COKE COMPANY, Milwaukee, Wis.  
NEW YORK COAL SALES COMPANY, Columbus, O.  
OLGA COAL COMPANY, Cleveland, O.  
PENNSYLVANIA COAL COMPANY, Scranton, Pa.  
PHILADELPHIA AND READING COAL AND IRON COMPANY (THE),  
Philadelphia, Pa.  
PITTSBURGH CONSOLIDATION COAL COMPANY, Pittsburgh, Pa.  
PITTSBURY COMPANY, New York City.  
POCAHONTAS FUEL COMPANY INCORPORATED, New York City.  
REISS (C.) COAL COMPANY, Sheboygan, Wis.  
ROCHESTER & PITTSBURGH COAL COMPANY, Indiana, Pa.  
SAHARA COAL COMPANY, Chicago, Ill.  
SOUTHERN COAL COMPANY, INC., Memphis, Tenn.  
WESTMORELAND COAL COMPANY, Philadelphia, Pa.  
WEST VIRGINIA COAL & COKE CORPORATION, Cincinnati, O.

## *Electrical Equipment, Appliances and Supplies*

ADAM (FRANK) ELECTRIC COMPANY, St. Louis, Mo.  
ALLEN-BRADLEY COMPANY, Milwaukee, Wis.  
ALLIS-CHALMERS MANUFACTURING COMPANY, Milwaukee, Wis.  
ALLIS (LOUIS) CO. (THE), Milwaukee, Wis.  
ALTORFER BROS. COMPANY, East Peoria, Ill.  
AMALGAMATED ELECTRIC CORPORATION LIMITED, Toronto, Ontario,  
Canada.  
AMERICAN LAVA CORPORATION, Chattanooga, Tenn.  
AMERICAN PHENOLIC CORPORATION, Chicago, Ill.  
ARROW-HART & HEGEMAN ELECTRIC COMPANY, Hartford, Conn.  
AUTOMATIC ELECTRIC COMPANY, Chicago, Ill.  
AVCO MANUFACTURING CORPORATION, New York City.  
BELDEN MANUFACTURING COMPANY, Chicago, Ill.  
BENDIX AVIATION CORPORATION, RADIO DIVISION, Baltimore, Md.  
BENJAMIN ELECTRIC MFG. COMPANY, Des Plaines, Ill.



*Electrical Equipment, Appliances and Supplies (Continued)*

BRUSH DEVELOPMENT COMPANY (THE), Cleveland, O.  
BULLDOG ELECTRIC PRODUCTS Co., Detroit, Mich.  
BURKE ELECTRIC COMPANY, Erie, Pa.  
BURNDY ENGINEERING COMPANY, INC., New York City.  
CHAMPION LAMP WORKS, Lynn, Mass.  
CHANCE (A. B.) Co., Centralia, Mo.  
CHICAGO TRANSFORMER DIVISION—ESSEX WIRE CORPORATION,  
Chicago, Ill.  
CLARK CONTROLLER COMPANY, Cleveland, O.  
CONTINENTAL-DIAMOND FIBRE COMPANY, Newark, Del.  
COOLERATOR COMPANY (THE), Duluth, Minn.  
CORNELL-DUBILIER ELECTRIC CORPORATION, South Plainfield, N. J.  
CROUSE-HINDS COMPANY, Syracuse, N. Y.  
CUTLER-HAMMER, INC., Milwaukee, Wis.  
DUNCAN ELECTRIC MANUFACTURING COMPANY, Lafayette, Ind.  
EDISON (THOMAS A.), INC., 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 ELECTRIC MFG. Co. (THE), St. Louis, Mo.  
ERIE ELECTRIC COMPANY, INC., Buffalo, N. Y.  
ERIE RESISTOR CORPORATION, Erie, Pa.  
EUREKA WILLIAMS CORPORATION, Bloomington, Ill.  
FASCO INDUSTRIES, INC., Rochester, N. Y.  
FEDERAL TELEPHONE AND RADIO CORPORATION, Clifton, N. J.  
FOSTORIA PRESSED STEEL CORPORATION (THE), Fostoria, O.  
GAS REFRIGERATOR DISTRIBUTORS, INC., New York City.  
GENERAL ELECTRIC COMPANY, Schenectady, N. Y.  
GENERAL RADIO COMPANY, Cambridge, Mass.  
GLOBE-UNION INC., Milwaukee, Wis.  
GRAPHITE METALLIZING CORPORATION, Yonkers, N. Y.  
GRAYBAR ELECTRIC COMPANY, INC., New York City.  
HANSON-VAN WINKLE-MUNNING COMPANY, Matawan, N. J.  
HICKOK ELECTRICAL INSTRUMENT COMPANY (THE), Cleveland, O.  
HOBART MANUFACTURING COMPANY, Troy, O.  
HOOVER COMPANY, North Canton, O.  
HOSKINS MANUFACTURING COMPANY, Detroit, Mich.  
I-T-E CIRCUIT BREAKER COMPANY, Philadelphia, Pa.  
INTERNATIONAL RESISTANCE COMPANY, Philadelphia, Pa.  
JEFFERSON ELECTRIC COMPANY, Bellwood, Ill.  
JEFFREY MANUFACTURING COMPANY, Columbus, O.  
KUHLMAN ELECTRIC COMPANY, Bay City, Mich.  
LANDERS, FRARY & CLARK, New Britain, Conn.

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

LAPP INSULATOR CO., INC., LeRoy, N. Y.  
LEECE-NEVILLE COMPANY, Cleveland, O.  
LINCOLN ELECTRIC COMPANY (THE), Cleveland, O.  
LINE MATERIAL COMPANY, Milwaukee, Wis.  
LIONEL CORPORATION (THE), Irvington, N. J.  
MAGNAVOX COMPANY (THE), Fort Wayne, Ind.  
MARATHON ELECTRIC MFG. CORP., Wausau, Wis.  
MCGRAW ELECTRIC COMPANY, Elgin, Ill.  
MILLER COMPANY, Meriden, Conn.  
MOLONEY ELECTRIC COMPANY, St. Louis, Mo.  
MOTOROLA INC., Chicago, Ill.  
MURRAY MANUFACTURING CORPORATION, Brooklyn, N. Y.  
NATIONAL BATTERY COMPANY, St. Paul, Minn.  
NATIONAL ELECTRIC COIL COMPANY, Columbus, O.  
NOMA ELECTRIC CORPORATION, New York City.  
NORTH AMERICAN PHILIPS COMPANY, INC., New York City.  
PENNSYLVANIA TRANSFORMER COMPANY, Pittsburgh, Pa.  
PHILCO CORPORATION, Philadelphia, Pa.  
PITTSBURGH REFLECTOR Co., Pittsburgh, Pa.  
PYLE-NATIONAL COMPANY, Chicago, Ill.  
RADIO CORPORATION OF AMERICA, New York City.  
RADIOMARINE CORPORATION OF AMERICA, New York City.  
RAILWAY & INDUSTRIAL ENGINEERING COMPANY, Greensburg, Pa.  
RAY-O-VAC COMPANY, Madison, Wis.  
RAYTHEON MANUFACTURING COMPANY, Waltham, Mass.  
REGINA CORPORATION (THE), Rahway, N. J.  
RELIANCE ELECTRIC & ENGINEERING COMPANY, Cleveland, O.  
ROBBINS & MYERS, INC., Springfield, O.  
SANGAMO ELECTRIC COMPANY, Springfield, Ill.  
SEEGER REFRIGERATOR COMPANY, Evansville, Ind.  
SHEPARD ELEVATOR COMPANY, INC. (THE), Cincinnati, O.  
SIGNAL ENGINEERING AND MFG. COMPANY, New York City.  
SOLAR CORPORATION, Milwaukee, Wis.  
SPEER CARBON COMPANY, Saint Marys, Pa.  
SPERRY PRODUCTS, INC., Danbury, Conn.  
SPRAGUE ELECTRIC COMPANY, North Adams, Mass.  
STACKPOLE CARBON COMPANY, St. Marys, Elk County, Pa.  
STANDARD TRANSFORMER CORPORATION, Chicago, Ill.  
STAR ELECTRIC MOTOR COMPANY, Bloomfield, N. J.  
STROMBERG-CARLSON COMPANY, Rochester, N. Y.  
SUNBEAM CORPORATION, Chicago, Ill.  
SUNROC REFRIGERATION COMPANY, Glen Riddle, Pa.  
SYLVANIA ELECTRIC PRODUCTS, INC., Flushing, N. Y.  
SYNTRON COMPANY, Homer City, Pa.



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

THOMAS & BETTS COMPANY, INC., Elizabeth, N. J.  
THOR CORPORATION, Chicago, Ill.  
TUNG-SOL LAMP WORKS INC., Newark, N. J.  
U. S. ELECTRICAL MOTORS, INC., Los Angeles, Cal.  
UNITED STATES ELECTRICAL TOOL COMPANY (THE), Cincinnati, O.  
VICTOR INSULATORS, INC., Victor, N. Y.  
WARD LEONARD ELECTRIC CO., Mount Vernon, N. Y.  
WEBSTER ELECTRIC COMPANY, Racine, Wis.  
WESIX ELECTRIC HEATER CO., San Francisco, Cal.  
WESTERN ELECTRIC COMPANY, INC., New York City.  
WESTINGHOUSE ELECTRIC CORPORATION, Pittsburgh, Pa.  
WESTON ELECTRICAL INSTRUMENT CORPORATION, Newark, N. J.  
WHEELER REFLECTOR CO., Boston, Mass.  
WHITE-RODGERS ELECTRIC COMPANY, St. Louis, Mo.  
WIREMOLD COMPANY, Hartford, Conn.  
ZENITH RADIO CORPORATION, Chicago, Ill.

### *Explosives and Ammunition*

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

### *Food, Beverages and Dairy Products*

ABBOTTS DAIRIES, INC., Philadelphia, Pa.  
AMERICAN BAKERIES COMPANY, Atlanta, Ga.  
AMERICAN CHICLE COMPANY, New York City.  
AMERICAN DISTILLING CO. (THE), New York City.  
AMERICAN SUGAR REFINING COMPANY, New York City.  
ANHEUSER-BUSCH, INC., St. Louis, Mo.  
ARMOUR AND COMPANY, Chicago, Ill.  
AUTOMATIC CANTEEN COMPANY OF AMERICA, Chicago, Ill.  
AVOSET COMPANY, San Francisco, Cal.  
BALLANTINE (P.) & SONS, Newark, N. J.  
BEATRICE FOODS COMPANY, Chicago, Ill.  
BEECH-NUT PACKING COMPANY, INC., Canajoharie, N. Y.  
BEST FOODS (THE), 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.

*Food, Beverages and Dairy Products (Continued)*

CALIFORNIA FRUIT GROWERS EXCHANGE, Los Angeles, Cal.  
CALIFORNIA PACKING CORPORATION, San Francisco, Cal.  
CAMPBELL SOUP COMPANY, Camden, N. J.  
CANADA DRY GINGER ALE, INC., New York City.  
CARNATION COMPANY, Los Angeles, Cal.  
CARR-CONSOLIDATED BISCUIT COMPANY, Wilkes-Barre, Pa.  
CASTLE & COOKE, LIMITED, Honolulu, Hawaii.  
CENTENNIAL FLOURING MILLS Co., Seattle, Wash.  
CENTRAL SOYA Co., INC., Fort Wayne, Ind.  
CHURCH & DWIGHT Co., INC., New York City.  
CITY BAKING COMPANY, Baltimore, Md.  
COCA-COLA COMPANY, Atlanta, Ga.  
COLONIAL STORES INCORPORATED, Atlanta, Ga.  
CONTINENTAL BAKING COMPANY, INC., New York City.  
COOK COFFEE COMPANY, Cleveland, O.  
COX (CHAS. M.) Co., Boston, Mass.  
CROWN CORK & SEAL COMPANY, INC., Baltimore, Md.  
CUDAHY BROTHERS COMPANY, Cudahy, Wis.  
CUDAHY PACKING COMPANY, Chicago, Ill.  
CUSHMAN'S SONS, INCORPORATED, New York City.  
DUGAN BROTHERS OF NEW JERSEY, INC., Newark, N. J.  
EWING-VON ALLMEN DAIRY Co., INC., Louisville, Ky.  
FISHER FLOURING MILLS COMPANY, INC., Seattle, Wash.  
GENERAL BAKING COMPANY, New York City.  
GENERAL CANDY CORPORATION, Chicago, Ill.  
GENERAL FOODS CORPORATION, New York City.  
GENERAL ICE CREAM CORPORATION, Schenectady, N. Y.  
GENERAL MILLS, INC., Minneapolis, Minn.  
GERBER PRODUCTS COMPANY, Fremont, Mich.  
GRIGGS, COOPER & COMPANY, St. Paul, Minn.  
GROCERY STORE PRODUCTS Co., New York City.  
GUMPERT (S.) COMPANY, INC., Ozone Park, N. Y.  
HANSEN'S (CHR.) LABORATORY, INC., Little Falls, 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.  
HOLLY SUGAR CORPORATION, Colorado Springs, Colo.  
HOOD (H. P.) AND SONS, INC., Boston, Mass.  
HORMEL (GEO. A.) & COMPANY, Austin, Minn.  
HORN & HARDART BAKING COMPANY, Philadelphia, Pa.  
HUYLER'S, Long Island City, N. Y.  
INTERNATIONAL MILLING COMPANY, Minneapolis, Minn.  
JEWEL TEA Co., INC., Barrington, Ill.



*Food, Beverages and Dairy Products (Continued)*

KELLOGG COMPANY, Battle Creek, Mich.  
KINGAN & Co., INCORPORATED, Indianapolis, Ind.  
KNOX (CHARLES B.) GELATINE Co., INC., Johnstown, N. Y.  
KROGER Co. (THE), Cincinnati, O.  
KRUEGER (G.) BREWING COMPANY, Newark, N. J.  
LABATT (JOHN) LIMITED, London, Ontario, Canada.  
LANGENDORF UNITED BAKERIES, INC., San Francisco, Cal.  
LIBBY, McNEILL & LIBBY, Chicago, Ill.  
MANISCHEWITZ (THE B.) Co., Jersey City, N. J.  
MARS, INC., Chicago, Ill.  
MAYER (OSCAR) & Co., Chicago, Ill.  
MEYER (THE H. H.) PACKING COMPANY, Cincinnati, O.  
MORRELL (JOHN) & Co., Ottumwa, Ia.  
MUELLER (C. F.) COMPANY, Jersey City, N. J.  
NARRAGANSETT BREWING COMPANY, Providence, R. I.  
NATIONAL BISCUIT COMPANY, New York City.  
NATIONAL BREWERIES, LIMITED, Montreal, Quebec, 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.  
NESTLE COMPANY, INC. (THE), New York City.  
OGILVIE FLOUR MILLS Co. (THE), LTD., Montreal, Quebec, Canada.  
OMAR INCORPORATED, Omaha, Neb.  
PABST BREWING COMPANY, Chicago, Ill.  
PEAVEY (F. H.) & COMPANY, Minneapolis, Minn.  
PENN FRUIT COMPANY, INC., Philadelphia, Pa.  
PEPSI-COLA COMPANY, New York City.  
PET MILK COMPANY, St. Louis, Mo.  
PETER CAILLER KOHLER SWISS CHOCOLATES COMPANY, INC., Fulton, N. Y.  
PILLSBURY MILLS, INC., Minneapolis, Minn.  
QUAKER OATS COMPANY, Chicago, Ill.  
RATH PACKING COMPANY, Waterloo, Ia.  
RED STAR YEAST & PRODUCTS COMPANY, Milwaukee, Wis.  
RICHARDSON CORPORATION, Rochester, N. Y.  
S & W FINE FOODS, INC., San Francisco, Cal.  
SCHAEFER (THE F. & M.) BREWING Co., Brooklyn, N. Y.  
SCHENLEY INDUSTRIES, INC., New York City.  
SCHLITZ (JOS.) BREWING COMPANY, Milwaukee, Wis.  
SCHLUDERBERG (THE WM.)-T. J. KURDLE Co., Baltimore, Md.  
SEAGRAM (JOSEPH E.) & SONS, INC., New York City.  
SEVEN-UP COMPANY (THE), St. Louis, Mo.  
SHEFFIELD FARMS COMPANY, INC., New York City.

### *Food, Beverages and Dairy Products (Continued)*

STANDARD BRANDS INCORPORATED, New York City.  
STEFFEN DAIRY FOODS Co., Wichita, Kan.  
STOUFFER CORPORATION (THE), Cleveland, O.  
STRATTON GRAIN COMPANY, Milwaukee, Wis.  
SUNSHINE BISCUITS, INC., Long Island City, N. Y.  
SWIFT & COMPANY, Chicago, Ill.  
THOMPSON (JOHN R.) Co., Chicago, Ill.  
UNITED BISCUIT COMPANY OF AMERICA, Chicago, Ill.  
UNITED FRUIT COMPANY, Boston, Mass.  
VACUUM FOODS CORPORATION, New York City.  
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.  
WISCONSIN MALTING COMPANY, Milwaukee, Wis.

### *Glass*

BALL BROTHERS COMPANY, INC., 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.  
OWENS-CORNING FIBERGLAS CORPORATION, Toledo, O.  
OWENS-ILLINOIS GLASS COMPANY, Toledo, O.  
PEMCO CORPORATION, Baltimore, Md.  
PITTSBURGH PLATE GLASS COMPANY, Pittsburgh, Pa.  
UNITED STATES GLASS COMPANY, Tiffin, O.

### *Instruments and Scientific Apparatus*

AMERICAN METER COMPANY, INC., Albany, N. Y.  
BACHARACH INDUSTRIAL INSTRUMENT COMPANY, Pittsburgh, Pa.  
BAILEY METER COMPANY, Cleveland, O.  
BECTON, DICKINSON & Co., Rutherford, N. J.  
BELL & HOWELL COMPANY, Chicago, Ill.  
BRAUN CORPORATION, Los Angeles, Cal.  
BRISTOL COMPANY, Waterbury, Conn.  
BROWN INSTRUMENT COMPANY (THE), Philadelphia, Pa.  
CAMBRIDGE INSTRUMENT COMPANY, INC., New York City.



### *Instruments and Scientific Apparatus (Continued)*

CONTROL INSTRUMENT COMPANY, INC., Brooklyn, N. Y.  
DIETZGEN (EUGENE) COMPANY, Chicago, Ill.  
FEDERAL PRODUCTS CORPORATION, Providence, R. I.  
HAGAN CORPORATION, Pittsburgh, Pa.  
INTERNATIONAL PROJECTOR CORPORATION, Bloomfield, N. J.  
KEUFFEL & ESSER Co., Hoboken, N. J.  
LEEDS & NORTHRUP COMPANY, Philadelphia, Pa.  
LIQUIDOMETER CORPORATION, Long Island City, N. Y.  
MINNEAPOLIS-HONEYWELL REGULATOR COMPANY, Minneapolis,  
Minn.  
NEPTUNE METER COMPANY, Long Island City, N. Y.  
PERFEX CORPORATION, Milwaukee, Wis.  
PRECISION SCIENTIFIC COMPANY, Chicago, Ill.  
ROBERTSHAW-FULTON CONTROLS COMPANY, Greensburg, Pa.  
SANBORN COMPANY, Cambridge, Mass.  
SPERRY CORPORATION (THE), New York City.  
SQUARE D COMPANY, Detroit, Mich.  
TAYLOR INSTRUMENT COMPANIES, Rochester, N. Y.

### *Leather and Leather Products*

AMERICAN OAK LEATHER COMPANY (THE), Cincinnati, O.  
BATA SHOE Co., LTD., Calcutta, India.  
COON (W. B.) COMPANY, Rochester, N. Y.  
DUNN AND MCCARTHY, INC., Auburn, N. Y.  
EAGLE-OTTAWA LEATHER COMPANY, Grand Haven, Mich.  
ENDICOTT JOHNSON CORPORATION, Endicott, N. Y.  
FIELD AND FLINT Co., 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.  
HICKOK MANUFACTURING Co., INC., Rochester, N. Y.  
INTERNATIONAL SHOE COMPANY, St. Louis, Mo.  
JOHNSTON & MURPHY, Newark, N. J.  
JOYCE INC., Pasadena, Cal.  
LASKIN (J.) & SONS CORP., Milwaukee, Wis.  
MCADOO & ALLEN, Philadelphia, Pa.  
MCELWAIN (J. F.) COMPANY, Boston, Mass.  
NORTHWESTERN LEATHER Co., Boston, Mass.  
NUNN-BUSH SHOE COMPANY, Milwaukee, Wis.

### *Leather and Leather Products (Continued)*

OHIO LEATHER COMPANY, Girard, O.  
PFISTER & VOGEL TANNING COMPANY, Milwaukee, Wis.  
SELBY SHOE COMPANY, Portsmouth, O.  
SMITH (J. P.) SHOE Co., Chicago, Ill.  
SURPASS LEATHER COMPANY, Philadelphia, Pa.  
TROSTEL (ALBERT) & SONS COMPANY, Milwaukee, Wis.  
UNITED STATES LEATHER COMPANY, New York City.  
WILLIAMS MANUFACTURING COMPANY (THE), Portsmouth, O.  
WINSLOW BROS. & SMITH Co., Boston, Mass.

### *Machinery, Accessories and Supplies*

ATF, INC., Elizabeth, N. J.  
ADAMS (J. D.) MANUFACTURING COMPANY, Indianapolis, Ind.  
ADAMS & WESTLAKE COMPANY, Elkhart, Ind.  
ADDRESSOGRAPH-MULTIGRAPH CORPORATION, Cleveland, O.  
AERMOTOR COMPANY, Chicago, Ill.  
AIR CONTROL PRODUCTS, INC., Coopersville, Mich.  
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 HOIST & DERRICK COMPANY, St. Paul, Minn.  
AMERICAN LAUNDRY MACHINERY COMPANY (THE), Cincinnati, O.  
AMERICAN LOCOMOTIVE COMPANY, New York City.  
AMERICAN MACHINE & FOUNDRY COMPANY, New York City.  
AMERICAN PULLEY COMPANY, Philadelphia, Pa.  
AMERICAN STEEL FOUNDRIES, Chicago, Ill.  
AMERICAN TOOL WORKS COMPANY, Cincinnati, O.  
AMERICAN WHEELABRATOR & EQUIPMENT CORP., Mishawaka, Ind.  
ANDALE COMPANY, Philadelphia, Pa.  
ARENCO MACHINE COMPANY INC., New York City.  
ARGUS, INCORPORATED, Ann Arbor, Mich.  
ART METAL CONSTRUCTION COMPANY, Jamestown, N. Y.  
AVERY (B. F.) & SONS COMPANY, Louisville, Ky.  
BABCOCK & WILCOX COMPANY, New York City.  
BAKER PERKINS INC., Saginaw, Mich.  
BALDWIN LOCOMOTIVE WORKS, Philadelphia, Pa.  
BARCO MANUFACTURING Co., NOT INC., Chicago, Ill.  
BARNES (W. F. AND JOHN) COMPANY, Rockford, Ill.  
BARRY-WEHMLER MACHINERY COMPANY, St. Louis, Mo.  
BARTLETT (THE C. O.) & SNOW COMPANY, Cleveland, O.  
BAY STATE TAP AND DIE COMPANY, Mansfield, Mass.



*Machinery, Accessories and Supplies (Continued)*

BEAVER PIPE TOOLS, INC., Warren, O.  
BECK (CHARLES) MACHINE CORPORATION, Philadelphia, Pa.  
BELOIT IRON WORKS, Beloit, Wis.  
BENNETT-IRELAND, INC., Norwich, N. Y.  
BETTENDORF COMPANY (THE), Bettendorf, Ia.  
BIJUR LUBRICATING CORPORATION, Long Island City, N. Y.  
BIRDSBORO STEEL FOUNDRY AND MACHINE COMPANY, Birdsboro, Pa.  
BOLTON (JOHN W.) & SONS, INC., Lawrence, Mass.  
BORG-WARNER CORPORATION, Chicago, Ill.  
BOSTON WIRE STITCHER COMPANY, Westerly, R. I.  
BOVAIRD & SAYFANG MFG. CO., Bradford, Pa.  
BOWSER, INC., Fort Wayne, Ind.  
BRADEN WINCH COMPANY, Tulsa, Okla.  
BROSIOUS (EDGAR E.) COMPANY, INC., Pittsburgh, Pa.  
BROWN & SHARPE MFG. CO., Providence, R. I.  
BUCKEYE STEEL CASTINGS COMPANY, Columbus, O.  
BUCYRUS-ERIE COMPANY, South Milwaukee, Wis.  
BUDA COMPANY (THE), Harvey, Ill.  
BUDD COMPANY (THE), Philadelphia, Pa.  
BULLARD COMPANY, Bridgeport, Conn.  
BURNS (JABEZ) & SONS, INC., New York City.  
BURROUGHS ADDING MACHINE COMPANY, Detroit, Mich.  
BYERS MACHINE CO. (THE), Ravenna, O.  
CANADIAN WESTINGHOUSE COMPANY LIMITED, Hamilton, Ontario,  
Canada.  
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 CO., Cincinnati, O.  
CINCINNATI PLANER CO., Cincinnati, O.  
CINCINNATI TOOL COMPANY (THE), Norwood, Cincinnati, O.  
CLARK BROTHERS CO., INC., Olean, N. Y.  
CLEARING MACHINE CORPORATION, Chicago, Ill.  
CLEVELAND TWIST DRILL CO. (THE), Cleveland, O.  
CLIPPER MANUFACTURING CO. (THE), Kansas City, Mo.  
CONSOLIDATED MACHINE TOOL CORPORATION, Rochester, N. Y.  
CONTINENTAL FOUNDRY & MACHINE COMPANY, East Chicago, Ind.  
CONTINENTAL MOTORS CORP., Muskegon, Mich.

### *Machinery, Accessories and Supplies (Continued)*

CO-OPERATIVE SERVICE, Reading, Pa.  
COOPER-BESSEMER CORPORATION (THE), Mount Vernon, O.  
CROMPTON & KNOWLES LOOM WORKS, Worcester, Mass.  
CUMMINS ENGINE COMPANY, INC., Columbus, Ind.  
CURTIS MANUFACTURING COMPANY, St. Louis, Mo.  
CUSHMAN CHUCK COMPANY, Hartford, Conn.  
DANLY MACHINE SPECIALTIES, INC., Chicago, Ill.  
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.  
DENISON ENGINEERING COMPANY (THE), Columbus, O.  
DENTISTS' SUPPLY COMPANY OF NEW YORK (THE), New York City.  
DETROIT HARVESTER COMPANY, Detroit, Mich.  
DEWALT, INC., Lancaster, Pa.  
DICK (A. B.) COMPANY, Chicago, Ill.  
DICTAPHONE CORPORATION, Bridgeport, Conn.  
DIEBOLD, INCORPORATED, Canton, O.  
DINGS MAGNETIC SEPARATOR CO., Milwaukee, Wis.  
DITTO INCORPORATED, Chicago, Ill.  
DOWNTOWN MANUFACTURING COMPANY, DOWNTOWN, Pa.  
DRAVO CORPORATION, Pittsburgh, Pa.  
EASY WASHING MACHINE CORPORATION, Syracuse, N. Y.  
EGRY REGISTER COMPANY, Dayton, O.  
EIMCO CORPORATION (THE), Salt Lake City, Utah.  
ELASTIC STOP NUT CORPORATION OF AMERICA, Union, N. J.  
ELLIOTT COMPANY, Jeannette, Pa.  
ENTERPRISE ENGINE & FOUNDRY COMPANY, San Francisco, Cal.  
ESSICK MANUFACTURING COMPANY, Los Angeles, Cal.  
EXOLON COMPANY (THE), Tonawanda, N. Y.  
FAIRBANKS, MORSE & CO., Beloit, Wis.  
FAIRMONT RAILWAY MOTORS, INC., Fairmont, Minn.  
FALK CORPORATION, Milwaukee, Wis.  
FARQUHAR (A. B.) COMPANY, York, Pa.  
FARREL-BIRMINGHAM COMPANY, INC., Ansonia, Conn.  
FELT & TARRANT MFG. CO., Chicago, Ill.  
FERGUSON (HARRY), INC., Detroit, Mich.  
FISHER GOVERNOR COMPANY, Marshalltown, Ia.  
FOOD MACHINERY AND CHEMICAL CORPORATION, San Jose, Cal.  
FOOTE BROS. GEAR AND MACHINE CORPORATION, Chicago, Ill.  
FOSTER MACHINE COMPANY, Westfield, Mass.  
FOSTER WHEELER CORPORATION, Carteret, N. J.  
FRICK COMPANY, INC., Waynesboro, Pa.  
GENERAL AMERICAN TRANSPORTATION CORPORATION, Chicago, Ill.



*Machinery, Accessories and Supplies (Continued)*

GENERAL FIREPROOFING COMPANY, Youngstown, O.  
GENERAL RAILWAY SIGNAL COMPANY, Rochester, N. Y.  
GENERAL STEEL CASTINGS CORPORATION, Eddystone, Pa.  
GISHOLT MACHINE COMPANY, Madison, Wis.  
GLEASON WORKS, Rochester, N. Y.  
GLOBE-WERNICKE COMPANY, Cincinnati, O.  
GOSS PRINTING PRESS COMPANY, Chicago, Ill.  
GOULD & EBERHARDT, Irvington, N. J.  
GOULDS PUMPS, INC., Seneca Falls, N. Y.  
GREENFIELD TAP AND DIE CORPORATION, Greenfield, Mass.  
GRISCOM-RUSSELL CO., Massillon, O.  
HANNIFIN CORPORATION, Chicago, Ill.  
HARDINGE BROTHERS, INC., Elmira, N. Y.  
HARDINGE COMPANY, INC., York, Pa.  
HARNISCHFEGGER CORPORATION, Milwaukee, Wis.  
HARPER-WYMAN COMPANY, Chicago, Ill.  
HARRIS-SEYBOLD COMPANY, Cleveland, O.  
HARTFORD-EMPIRE COMPANY, Hartford, Conn.  
HEALD MACHINE COMPANY, Worcester, Mass.  
HENDEY MACHINE COMPANY, Torrington, Conn.  
HOE (R.) & CO., INC., New York City.  
HORTON MANUFACTURING COMPANY, Fort Wayne, Ind.  
HUGHES TOOL COMPANY, Houston, Tex.  
HUNT (RODNEY) MACHINE CO., Orange, Mass.  
HYDRAULIC EQUIPMENT COMPANY, Cleveland, O.  
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 HARVESTER COMPANY, Chicago, Ill.  
INTERTYPE CORPORATION, Brooklyn, N. Y.  
JAEGER MACHINE COMPANY, Columbus, O.  
JONES & LAMSON MACHINE CO., Springfield, Vt.  
JOY MANUFACTURING COMPANY, Pittsburgh, Pa.  
KEARNEY & TRECKER CORPORATION, Milwaukee, Wis.  
KELLER TOOL COMPANY, Grand Haven, Mich.  
KOBÉ, INC., Huntington Park, Cal.  
LANDIS MACHINE COMPANY, Waynesboro, Pa.  
LANGSTON (SAMUEL M.) COMPANY, Camden, N. J.  
LEBLOND (R. K.) MACHINE TOOL CO., Cincinnati, O.  
LEHMANN (J. M.) COMPANY, INC., Lyndhurst, N. J.

*Machinery, Accessories and Supplies (Continued)*

- LEIMAN BROS. INC., Newark, N. J.  
LE ROI COMPANY, Milwaukee, Wis.  
LE TOURNEAU (R. G.) INC., Peoria, Ill.  
LIMA-HAMILTON CORPORATION, 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., Mount Vernon,  
N. Y.  
MARKEM MACHINE COMPANY, Keene, N. H.  
MASSEY-HARRIS COMPANY, INC., Racine, Wis.  
MATHEWS CONVEYER COMPANY, Ellwood City, Pa.  
MATTISON MACHINE WORKS, Rockford, Ill.  
MAYTAG COMPANY, Newton, Ia.  
McNALLY PITTSBURG MFG. CORP. (THE), Pittsburg, Kan.  
MEDART COMPANY, St. Louis, Mo.  
MERGENTHALER LINOTYPE COMPANY, Brooklyn, N. Y.  
MESTA MACHINE COMPANY, Pittsburgh, Pa.  
MEYER (GEO. J.) MANUFACTURING CO., Cudahy, Wis.  
MICROMATIC HONE CORPORATION, Detroit, Mich.  
MIEHLE PRINTING PRESS & MANUFACTURING COMPANY, Chicago,  
Ill.  
MINNEAPOLIS-MOLINE COMPANY, Minneapolis, Minn.  
MISSION MANUFACTURING COMPANY, Houston, Tex.  
MONARCH MACHINE TOOL COMPANY, Sidney, O.  
MORGAN CONSTRUCTION COMPANY, Worcester, Mass.  
MURRAY (D. J.) MANUFACTURING CO., Wausau, Wis.  
MURRAY OHIO MANUFACTURING COMPANY, Cleveland, O.  
NASH ENGINEERING COMPANY, South Norwalk, Conn.  
NATIONAL AUTOMATIC TOOL COMPANY, INC., Richmond, Ind.  
NATIONAL CASH REGISTER COMPANY, Dayton, O.  
NATIONAL MACHINERY CO., Tiffin, O.  
NATIONAL SUPPLY CO., Pittsburgh, Pa.  
NEW HOLLAND DIVISION OF THE SPERRY CORPORATION, New  
Holland, Pa.  
NEW PROCESS GEAR COMPANY, INC., Syracuse, N. Y.  
NEW YORK AIR BRAKE COMPANY, New York City.  
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y.  
NILES-BEMENT-POND COMPANY, West Hartford, Conn.  
NILSONS MASKIN AB, Sundbyberg, Sweden.  
NORDBERG MANUFACTURING CO., Milwaukee, Wis.



*Machinery, Accessories and Supplies (Continued)*

NORTH AMERICAN MANUFACTURING COMPANY, Cleveland, O.  
NORTHERN ELECTRIC COMPANY, LIMITED, Montreal, Quebec,  
Canada.  
NORTHERN ENGINEERING WORKS, Detroit, Mich.  
NORTHWEST ENGINEERING COMPANY, Chicago, Ill.  
NORTON COMPANY, Worcester, Mass.  
OLIVER CORPORATION (THE), Chicago, Ill.  
ORR & SEMBOWER, INC., Reading, Pa.  
OSBORN MANUFACTURING COMPANY, Cleveland, O.  
OSTER MANUFACTURING COMPANY, Cleveland, O.  
OTIS ELEVATOR COMPANY, New York City.  
PACIFIC PUMPS, INC., Huntington Park, Cal.  
PACKAGE MACHINERY COMPANY, East Longmeadow, Mass.  
PAPEC MACHINE COMPANY, Shortsville, N. Y.  
PERMUTIT COMPANY, New York City.  
PITNEY-BOWES, INC., Stamford, Conn.  
PLOMB TOOL COMPANY, Los Angeles, Cal.  
POOR & COMPANY, Chicago, Ill.  
PORTER-CABLE MACHINE COMPANY, Syracuse, N. Y.  
PROCTOR & SCHWARTZ, INC., Philadelphia, Pa.  
PROSPERITY COMPANY, INC., Syracuse, N. Y.  
PULLMAN INCORPORATED, Chicago, Ill.  
RANDALL COMPANY (THE), Cincinnati, O.  
RED JACKET MANUFACTURING Co., Davenport, Ia.  
REECE CORPORATION (THE), Boston, Mass.  
REED-PRENTICE CORPORATION, Worcester, Mass.  
REMINGTON RAND, INC., New York City.  
REPUBLIC DRILL AND TOOL COMPANY, Chicago, Ill.  
RHEEM MANUFACTURING COMPANY, New York City.  
ROBERTSON (JOHN) Co., INC., Brooklyn, N. Y.  
ROOTS-CONNERSVILLE BLOWER CORPORATION, Connersville, Ind.  
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.

### *Machinery, Accessories and Supplies (Continued)*

SMITH (S. MORGAN) COMPANY, York, Pa.  
SMYTH MANUFACTURING COMPANY, Hartford, Conn.  
STACEY BROS. GAS CONSTRUCTION CO. (THE), Cincinnati, O.  
STANDARD RAILWAY EQUIPMENT MANUFACTURING COMPANY, Chicago, Ill.  
STANDARD REGISTER COMPANY, Dayton, O.  
STANDARD TOOL CO., Cleveland, O.  
STAR DRILLING MACHINE COMPANY (THE), Akron, O.  
STARRETT (THE L. S.) COMPANY, Athol, Mass.  
STEEL HEDDLE MFG. CO., Philadelphia, Pa.  
SULZER BROS. LTD., New York, New York City.  
SUNNEN PRODUCTS COMPANY, St. Louis, Mo.  
SYMINGTON-GOULD CORPORATION, Rochester, N. Y.  
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 & PINION COMPANY, Cincinnati, O.  
TRACKSON COMPANY, Milwaukee, Wis.  
TRAYLOR ENGINEERING & MANUFACTURING COMPANY, Allentown, Pa.  
TUTHILL PUMP COMPANY, Chicago, Ill.  
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.  
UNIVERSAL WINDING COMPANY, Providence, R. I.  
VENDO COMPANY (THE), Kansas City, Mo.  
VERSION ALLSTEEL PRESS CO., Chicago, Ill.  
VICTOR ADDING MACHINE CO., Chicago, Ill.  
VIKING PUMP COMPANY, Cedar Falls, Ia.  
VILTER MANUFACTURING COMPANY, Milwaukee, Wis.  
WARNER & SWASEY CO., Cleveland, O.  
WATERBURY FARREL FOUNDRY & MACHINE CO., Waterbury, Conn.  
WATSON-FLAGG MACHINE COMPANY, INC., Paterson, N. J.  
WATSON-STILLMAN CO. (THE), Roselle, N. J.  
WAUKESHA MOTOR COMPANY, Waukesha, Wis.  
WEAN ENGINEERING COMPANY, INC., Warren, O.  
WEAN EQUIPMENT CORPORATION, Cleveland, O.  
WELDON TOOL COMPANY, Cleveland, O.  
WELLMAN ENGINEERING COMPANY, Cleveland, O.



### *Machinery, Accessories and Supplies (Continued)*

WESTINGHOUSE AIR BRAKE COMPANY, Wilmerding, Pa.  
WESTINGHOUSE ELECTRIC CORPORATION—STURTEVANT DIVISION,  
Hyde Park, Mass.  
WETTER NUMBERING MACHINE COMPANY, Brooklyn, N. Y.  
WHITE SEWING MACHINE CORPORATION, Cleveland, O.  
WHITIN MACHINE WORKS, Whitinsville, Mass.  
WILLCOX & GIBBS SEWING MACHINE CO., New York City.  
WOOD NEWSPAPER MACHINERY CORPORATION, New York City.  
WORTHINGTON PUMP AND MACHINERY CORPORATION, New York  
City.  
YALE & TOWNE MANUFACTURING COMPANY, New York City.  
YARNALL-WARING COMPANY, Philadelphia, Pa.  
YORK CORPORATION, York, Pa.

### *Metals and Metal Products*

ACME STEEL COMPANY, Chicago, Ill.  
ACME STEEL & MALLEABLE IRON WORKS, Buffalo, N. Y.  
ADAMSON COMPANY, INC., East Palestine, O.  
AFRICAN METALS CORPORATION, New York City.  
ALBION MALLEABLE IRON CO., Albion, Mich.  
ALLEN IRON & STEEL CO. (THE), Norristown, Pa.  
ALLOY STEEL PRODUCTS COMPANY, INC., Linden, N. J.  
ALUMINUM COMPANY OF AMERICA, Pittsburgh, Pa.  
ALUMINUM COMPANY OF CANADA, LTD., Montreal, Quebec, Canada.  
ALUMINUM GOODS MANUFACTURING COMPANY, Manitowoc, Wis.  
AMERICAN BRASS COMPANY (THE), Waterbury, Conn.  
AMERICAN CAN COMPANY, New York City.  
AMERICAN CAST IRON PIPE COMPANY, Birmingham, Ala.  
AMERICAN CHAIN AND CABLE COMPANY, INC., Bridgeport, Conn.  
AMERICAN FLANGE & MANUFACTURING CO., INC., New York City.  
AMERICAN HARDWARE CORPORATION, New Britain, Conn.  
AMERICAN SAFETY RAZOR CORPORATION, Brooklyn, N. Y.  
AMERICAN SANITARY MANUFACTURING CO., Abingdon, Ill.  
AMERICAN SCREW COMPANY (THE), Providence, R. I.  
AMERICAN SMELTING & REFINING COMPANY, New York City.  
AMERICAN STEEL AND PUMP CORPORATION, New York City.  
AMERICAN ZINC, LEAD & SMELTING COMPANY, St. Louis, Mo.  
AMES BALDWIN WYOMING CO., Parkersburg, W. Va.  
AMES (W.) & CO., Jersey City, N. J.  
ANACONDA COPPER MINING COMPANY, New York City.  
ANACONDA WIRE & CABLE COMPANY, New York City.  
ANTHES-IMPERIAL LIMITED, St. Catharines, Ontario, Canada.  
APEX SMELTING COMPANY, Chicago, Ill.

*Metals and Metal Products (Continued)*

APPLETON WIRE WORKS, INC., Appleton, Wis.  
ARCOS CORPORATION, Philadelphia, Pa.  
ARMCO STEEL CORPORATION, Middletown, O.  
ARO EQUIPMENT CORPORATION (THE), Bryan, O.  
ASSOCIATED SPRING CORPORATION, Bristol, Conn.  
ATKINS (E. C.) AND COMPANY, Indianapolis, Ind.  
ATLANTIC STEEL COMPANY, Atlanta, Ga.  
ATLAS STEELS, LIMITED, Welland, Ontario, Canada.  
AUTOMATIC VOTING MACHINE CORPORATION, Jamestown, N. Y.  
BAKER & COMPANY, INC., Newark, N. J.  
BALMAR CORPORATION, Woodberry, Baltimore, Md.  
BASTIAN-BLESSING COMPANY, Chicago, Ill.  
BELLE CITY MALLEABLE IRON COMPANY, Racine, Wis.  
BELMONT SMELTING & REFINING WORKS, INC., Brooklyn, N. Y.  
BELOIT FOUNDRY COMPANY, Beloit, Wis.  
BERYLLIUM CORPORATION (THE), Reading, Pa.  
BETHLEHEM STEEL COMPANY, INC., Bethlehem, Pa.  
BIGELOW COMPANY, New Haven, Conn.  
BILLINGS AND SPENCER COMPANY (THE), Hartford, Conn.  
BLAW-KNOX COMPANY, Pittsburgh, Pa.  
BREWER-TITCHENER CORPORATION (THE), Cortland, N. Y.  
BRIDGEPORT BRASS COMPANY, Bridgeport, Conn.  
BRISTOL BRASS CORPORATION, Bristol, Conn.  
BUCKEYE FOUNDRY COMPANY, Cincinnati, O.  
BUFFALO BOLT COMPANY, North Tonawanda, N. Y.  
BUNKER HILL & SULLIVAN MINING & CONCENTRATING COMPANY,  
Kellogg, Id.  
BUNTING BRASS & BRONZE COMPANY, Toledo, O.  
BUTLER MANUFACTURING COMPANY, Kansas City, Mo.  
BYERS (A. M.) COMPANY, Pittsburgh, Pa.  
CADILLAC MALLEABLE IRON COMPANY, Cadillac, Mich.  
CAMPBELL, WYANT & CANNON FOUNDRY COMPANY, Muskegon,  
Mich.  
CAPEWELL MANUFACTURING COMPANY, Hartford, Conn.  
CARPENTER STEEL COMPANY, Reading, Pa.  
CECO STEEL PRODUCTS CORPORATION, Cicero, Ill.  
CENTRAL STEEL & WIRE Co., Chicago, Ill.  
CHAMPION DEARMENT TOOL Co., Meadville, 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.



*Metals and Metal Products (Continued)*

CLIMAX MOLYBDENUM COMPANY, New York City.  
CLOW (JAMES B.) & SONS, Chicago, Ill.  
CLUB ALUMINUM PRODUCTS Co., Chicago, Ill.  
COLLINS Co. (THE), Collinsville, Conn.  
COLORADO FUEL AND IRON CORPORATION, Denver, Colo.  
COLUMBUS BOLT & FORGING Co., Columbus, O.  
COLUMBUS MCKINNON CHAIN CORPORATION, Tonawanda, N. Y.  
COMBUSTION ENGINEERING-SUPERHEATER, INC., New York City.  
CONNORS STEEL COMPANY, Birmingham, Ala.  
CONSOLIDATED COPPERMINES CORPORATION, New York City.  
CONSOLIDATED MINING AND SMELTING COMPANY OF CANADA  
LIMITED, Montreal, Canada.  
CONTINENTAL CAN COMPANY, INC., New York City.  
CONTINENTAL SCREW COMPANY, New Bedford, Mass.  
COPPERWELD STEEL COMPANY-GLASSPORT DIVISION, Glassport,  
Pa.  
COPPERWELD STEEL COMPANY-WARREN DIVISION, Warren, O.  
CRANE Co., Chicago, Ill.  
CRESCENT INSULATED WIRE AND CABLE COMPANY, INCORPORATED,  
Trenton, N. J.  
CRESCENT TOOL COMPANY, Jamestown, N. Y.  
CRIBBEN AND SEXTON COMPANY, Chicago, Ill.  
CRITTALL-FEDERAL, INC., Waukesha, Wis.  
CRUCIBLE STEEL COMPANY OF AMERICA, New York City.  
CUNO ENGINEERING CORPORATION, Meriden, Conn.  
DAYTON MALLEABLE IRON COMPANY (THE), Dayton, O.  
DAYTON STEEL FOUNDRY COMPANY, Dayton, O.  
DEFIANCE BUTTON MACHINE COMPANY, New York City.  
DELAWARE TOOL STEEL CORP., Wilmington, Del.  
DETROIT-MICHIGAN STOVE COMPANY, Detroit, Mich.  
DETROIT STEEL PRODUCTS COMPANY, Detroit, Mich.  
DIAMOND CHAIN COMPANY, INC., Indianapolis, Ind.  
DIAMOND POWER SPECIALTY CORPORATION, Detroit, Mich.  
DILL MANUFACTURING COMPANY, Cleveland, O.  
DISSTON (HENRY) & SONS, INC., Philadelphia, Pa.  
DOEHLER-JARVIS CORPORATION, New York City.  
DONALDSON COMPANY, INC., St. Paul, Minn.  
DRESSER INDUSTRIES, INC., Cleveland, O.  
DUCOMMUN METALS & SUPPLY COMPANY, Los Angeles, Cal.  
DURIRON COMPANY, INC., Dayton, O.  
EAGLE-PICHER COMPANY, Cincinnati, O.  
EASTERN STEEL PRODUCTS LIMITED, West Toronto, Ontario,  
Canada.  
EASTWOOD-NEALLEY CORPORATION, Belleville, N. J.

*Metals and Metal Products (Continued)*

EDGEWATER STEEL COMPANY, Pittsburgh, Pa.  
ELECTRIC STEEL FOUNDRY COMPANY, Portland, Ore.  
ELECTRO REFRACTORIES AND ALLOYS CORPORATION, Buffalo, N. Y.  
ELLWOOD CITY FORGE COMPANY, Ellwood City, Pa.  
ENGELHARD (CHARLES), INC., New York City.  
ERIE CITY IRON WORKS, Erie, Pa.  
ERIE MALLEABLE IRON COMPANY, Erie, Pa.  
FAFNIR BEARING COMPANY, New Britain, Conn.  
FAIRBANKS COMPANY (THE), New York City.  
FALCON BRONZE COMPANY (THE), Youngstown, O.  
FARRELL-CHEEK STEEL COMPANY, Sandusky, O.  
FARRINGTON MANUFACTURING COMPANY, Boston, Mass.  
FEINER (P.) & SONS, INC., New York City.  
FISCHER SPECIAL MANUFACTURING COMPANY, INC., Cincinnati, O.  
FLORENCE PIPE FOUNDRY & MACHINE COMPANY, Philadelphia, Pa.  
FLORENCE STOVE COMPANY, Gardner, Mass.  
FLUOR CORPORATION, LTD. (THE), Los Angeles, Cal.  
FOLLANSBEE STEEL CORPORATION, Pittsburgh, Pa.  
FRANK FOUNDRIES CORPORATION, Moline, Ill.  
GALE PRODUCTS, Galesburg, Ill.  
GENERAL CABLE CORPORATION, New York City.  
GERITY-MICHIGAN CORPORATION, Adrian, Mich.  
GEROTOR MAY CORPORATION, Baltimore, Md.  
GILLETTE SAFETY RAZOR COMPANY, South Boston, Mass.  
GRAMMES (L. F.) & SONS, INC., Allentown, Pa.  
GREDE FOUNDRIES, INC., Milwaukee, Wis.  
GREIST MANUFACTURING COMPANY, New Haven, Conn.  
GRIP NUT COMPANY, Chicago, Ill.  
HAMILTON FOUNDRY & MACHINE COMPANY, Hamilton, O.  
HANDY & HARMAN, New York City.  
HANNA (M. A.) COMPANY, Cleveland, O.  
HAUSERMAN (E. F.) COMPANY, Cleveland, O.  
HECLA MINING COMPANY, Wallace, Id.  
HEIL CO. (THE), Milwaukee, Wis.  
HELLER BROTHERS COMPANY, Newark, N. J.  
HEPPENSTALL COMPANY, Pittsburgh, Pa.  
HERRING-HALL-MARVIN SAFE COMPANY, Hamilton, O.  
HOLO-KROME SCREW CORPORATION, Hartford, Conn.  
HOOSIER CARDINAL CORPORATION, Evansville, Ind.  
HOYT (CHARLES D.) COMPANY, INC., Mishawaka, Ind.  
HUDSON BAY MINING & SMELTING CO., LIMITED, New York City.  
HUMASON MANUFACTURING COMPANY, INC., Forestville, Conn.  
HUMPHRYES MANUFACTURING COMPANY, Mansfield, O.  
HUNTER DOUGLAS CORPORATION, Riverside, Cal.



*Metals and Metal Products (Continued)*

HYDRAULIC PRESS MANUFACTURING COMPANY (THE), Mount  
Gilead, O.  
IDAHO MARYLAND MINES CORPORATION, San Francisco, Cal.  
INDIANA STEEL & WIRE COMPANY, Muncie, Ind.  
INGALLS IRON WORKS COMPANY, INC., 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.  
JACOBS MANUFACTURING COMPANY (THE), West Hartford, Conn.  
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, INC., New York City.  
KENNECOTT COPPER CORPORATION, New York City.  
KENNEDY MANUFACTURING COMPANY, Van Wert, O.  
KENT METAL & CHEMICAL WORKS, Edgewater, N. J.  
KERITE COMPANY (THE), New York City.  
KESTER SOLDER COMPANY, Chicago, Ill.  
KEYSTONE STEEL & WIRE COMPANY, Peoria, Ill.  
KOHLER COMPANY, Kohler, Wis.  
KREISLER (JACQUES) MANUFACTURING CORPORATION, North  
Bergen, N. J.  
KUHN'S BROTHERS COMPANY, Dayton, O.  
LACLEDE STEEL COMPANY, St. Louis, Mo.  
LADISH CO., Cudahy, Wis.  
LAKE CITY MALLEABLE COMPANY, Cleveland, O.  
LAMSON AND SESSIONS COMPANY, Cleveland, O.  
LANE-WELLS COMPANY, Los Angeles, Cal.  
LEBANON STEEL FOUNDRY, Lebanon, Pa.  
LEHIGH STRUCTURAL STEEL COMPANY, Allentown, 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 HARDWARE MANUFACTURING CORP., New York City.  
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.

*Metals and Metal Products (Continued)*

MALLEABLE IRON FITTINGS COMPANY, Branford, Conn.  
MARK (CLAYTON) & COMPANY, Evanston, Ill.  
MARLIN-ROCKWELL CORPORATION, Jamestown, N. Y.  
MARTIN & SCHWARTZ, INC., Philadelphia, Pa.  
MATTATUCK MFG. CO. (THE), Waterbury, Conn.  
MATTHEWS MANUFACTURING CO., Worcester, Mass.  
MCGILL MANUFACTURING COMPANY, INC., Valparaiso, Ind.  
McLOUTH STEEL CORPORATION, Detroit, Mich.  
MERGOTT (THE J. E.) COMPANY, Newark, N. J.  
METAL FORMING CORPORATION, Elkhart, Ind.  
METAL & THERMIT CORPORATION, New York City.  
MID-STATES STEEL & WIRE COMPANY, Crawfordsville, Ind.  
MIDVALE COMPANY (THE), Philadelphia, Pa.  
MIDWEST PIPING AND SUPPLY CO., INC., St. Louis, Mo.  
MILWAUKEE GAS SPECIALTY COMPANY, Milwaukee, Wis.  
MISSISSIPPI VALLEY STRUCTURAL STEEL CO., Chicago, Ill.  
MODINE MANUFACTURING COMPANY, Racine, Wis.  
MOLYBDENUM CORP. OF AMERICA, New York City.  
MOORE ENAMELING AND MANUFACTURING COMPANY (THE), West  
Lafayette, O.  
MOTORS METAL MANUFACTURING COMPANY, Detroit, Mich.  
MOUNT VERNON BRIDGE COMPANY, Mount Vernon, O.  
MULLINS MANUFACTURING CORPORATION, Salem, O.  
NATIONAL BRASS COMPANY, Grand Rapids, Mich.  
NATIONAL CAN CORPORATION, New York City.  
NATIONAL ENAMELING AND STAMPING COMPANY, Milwaukee, Wis.  
NATIONAL LEAD COMPANY, New York City.  
NATIONAL LOCK WASHER COMPANY (THE), Newark, N. J.  
NATIONAL MALLEABLE AND STEEL CASTINGS COMPANY, Cleve-  
land, O.  
NATIONAL SCREW & MANUFACTURING CO., Cleveland, O.  
NATIONAL STEEL CORPORATION, Pittsburgh, Pa.  
NEW JERSEY ZINC COMPANY, New York City.  
NEWPORT ROLLING MILL—DIVISION OF NEWPORT STEEL CORPO-  
RATION, Newport, Ky.  
NIAGARA WIRE WEAVING CO., LTD. (THE), Niagara Falls, Ontario,  
Canada.  
NICHOLSON FILE COMPANY, Providence, R. I.  
NORANDA MINES, LIMITED, Toronto, Canada.  
NORMA-HOFFMAN BEARINGS CORPORATION, Stamford, Conn.  
NORTH & JUDD MANUFACTURING COMPANY, New Britain, Conn.  
NORTHERN INDIANA BRASS COMPANY, Elkhart, Ind.  
NORTHERN MALLEABLE IRON COMPANY, St. Paul, Minn.  
NORTHWESTERN STEEL & WIRE COMPANY, Sterling, Ill.



### *Metals and Metal Products (Continued)*

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 LIMITED, Oneida, N. Y.  
PANGBORN CORPORATION, Hagerstown, Md.  
PARKER-KALON CORPORATION, New York City.  
PASS & SEYMOUR, INC., Syracuse, N. Y.  
PENN METAL CORPORATION OF PENNSYLVANIA, Philadelphia, Pa.  
PENN STEEL CASTINGS COMPANY, Chester, Pa.  
PENNSYLVANIA FORGE CORPORATION, Philadelphia, Pa.  
PFAUDLER COMPANY, Rochester, N. Y.  
PHELPS DODGE CORPORATION, New York City.  
PHEOLL MANUFACTURING COMPANY, Chicago, Ill.  
PICKANDS, MATHER & COMPANY, Cleveland, O.  
PITTSBURGH FORGINGS COMPANY, Pittsburgh, Pa.  
PITTSBURGH SCREW AND BOLT CORPORATION, Pittsburgh, Pa.  
PITTSBURGH STEEL COMPANY, Pittsburgh, Pa.  
PRECISION CASTINGS COMPANY, INC., Syracuse, N. Y.  
PRESSED STEEL CAR COMPANY, INC., McKees Rocks, Pa.  
PRESSED STEEL TANK COMPANY, Milwaukee, Wis.  
PROGRESSIVE MANUFACTURING COMPANY, Torrington, Conn.  
QUALITY CASTINGS Co. (THE), Orrville, O.  
REPUBLIC STEEL CORPORATION, Cleveland, O.  
REVERE COPPER AND BRASS INCORPORATED, New York City.  
REYNOLDS METALS COMPANY, INC., Richmond, Va.  
RILEY STOKER CORPORATION, Worcester, Mass.  
RIVERSIDE METAL COMPANY, Riverside, N. J.  
ROCKBESTOS PRODUCTS CORPORATION, New Haven, Conn.  
ROCKWELL MANUFACTURING COMPANY, Pittsburgh, Pa.  
ROEBLING'S (JOHN A.) SONS COMPANY, Trenton, N. J.  
ROME CABLE CORPORATION, Rome, N. Y.  
RONSON ART METAL WORKS, INC., Newark, N. J.  
RUNDLE MANUFACTURING COMPANY, Milwaukee, Wis.  
SKF INDUSTRIES, INC., Philadelphia, Pa.  
SARGENT & COMPANY, INC., 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.  
SECURITY ENGINEERING CO., INC., Whittier, Cal.  
SESSIONS (J. H.) & SON, Bristol, Conn.

*Metals and Metal Products (Continued)*

SEYMOUR MANUFACTURING COMPANY (THE), Seymour, Conn.  
SHAW-WALKER COMPANY, Muskegon, Mich.  
SHENANGO FURNACE COMPANY, Pittsburgh, Pa.  
SIGNODE STEEL STRAPPING COMPANY, Chicago, Ill.  
SIMONDS SAW & STEEL COMPANY, Fitchburg, Mass.  
SLOSS-SHEFFIELD STEEL & IRON COMPANY, Birmingham, Ala.  
SMITH (THOMAS) COMPANY, Worcester, Mass.  
STANDARD FORGINGS CORPORATION, East Chicago, Ind.  
STANDARD PRESSED STEEL Co., Jenkintown, Pa.  
STANLEY WORKS (THE), New Britain, Conn.  
STEEL COMPANY OF CANADA, LIMITED (THE), Hamilton, Canada.  
STOCKHAM PIPE FITTINGS COMPANY, Birmingham, Ala.  
STOLPER STEEL PRODUCTS CORPORATION, Milwaukee, Wis.  
SWANK, INC., Attleboro, Mass.  
TALON, INC., Meadville, Pa.  
TAPPAN STOVE COMPANY, Mansfield, O.  
TATA IRON & STEEL COMPANY, LTD., Calcutta, India.  
TAYLOR FORGE & PIPE WORKS, Chicago, Ill.  
TIMKEN ROLLER BEARING COMPANY, Canton, O.  
TIN PROCESSING CORPORATION, Texas City, Tex.  
TITAN METAL MANUFACTURING COMPANY, Bellefonte, Pa.  
TORRINGTON COMPANY, Torrington, Conn.  
TOWLE MANUFACTURING COMPANY, Newburyport, Mass.  
TURNER & SEYMOUR MFG. COMPANY (THE), Torrington, Conn.  
UDDEHOLM COMPANY OF AMERICA, INC., New York City.  
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 REGISTER COMPANY, Battle Creek, Mich.  
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.  
UNIVERSAL-CYCLOPS STEEL CORPORATION, Bridgeville, Pa.  
VANADIUM-ALLOYS STEEL COMPANY, Pittsburgh, Pa.  
VANADIUM CORPORATION OF AMERICA, New York City.  
VAPOR HEATING CORPORATION, Chicago, Ill.  
VICTOR STEEL PRODUCTS CORPORATION, New York City.  
VIRGINIA SMELTING COMPANY, West Norfolk, Va.  
VOLLRATH COMPANY, Sheboygan, Wis.  
WAGNER (E. R.) MANUFACTURING COMPANY, Milwaukee, Wis.  
WALWORTH COMPANY, INC., New York City.



### *Metals and Metal Products (Continued)*

WARREN FOUNDRY & PIPE CORPORATION, New York City.  
WASHBURN COMPANY, Worcester, Mass.  
WATERBURY COMPANIES, INC., Waterbury, Conn.  
WEBSTER (WARREN) & COMPANY, Camden, N. J.  
WEIR KILBY CORPORATION, Cincinnati, O.  
WEST BEND ALUMINUM COMPANY, West Bend, Wis.  
WHEELING STEEL CORPORATION, Wheeling, W. Va.  
WHITNEY-HANSON INDUSTRIES, INC., Hartford, Conn.  
WILLIAMS (J. H.) & Co., Buffalo, N. Y.  
WIRZ (A. H.) INC., Chester, Pa.  
WISCONSIN MOTOR CORPORATION, Milwaukee, Wis.  
WOLFE & MANN MFG. CO. (THE), Baltimore, Md.  
WOLVERINE BRASS WORKS, Grand Rapids, Mich.  
WOOD (JOHN) MANUFACTURING COMPANY, INC., New York City.  
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*

ARMSTRONG CO. (THE), Detroit, Mich.  
DEVOE & RAYNOLDS COMPANY, INC., New York City.  
EGYPTIAN LACQUER MANUFACTURING COMPANY (THE), New York City.  
INTERCHEMICAL CORPORATION, New York City.  
JOHNSON (S. C.) & SON, INC., Racine, Wis.  
KOHNSTAMM (H.) & COMPANY, INC., New York City.  
LILLY VARNISH COMPANY, Indianapolis, Ind.  
MOORE (BENJAMIN) & Co., New York City.  
RONON (T. J.) CO., INC., New York City.  
SAPOLIN PAINTS, INC., New York City.  
SHERWIN-WILLIAMS COMPANY, Cleveland, O.  
TREMCO MANUFACTURING COMPANY, Cleveland, O.  
VALSPAR CORPORATION (THE), New York City.

### *Paper, Pulp and Paper Products*

A. P. W. PRODUCTS COMPANY, INC., Albany, N. Y.  
ABITIBI POWER & PAPER COMPANY, LIMITED, Toronto, Ontario, Canada.  
ACE CARTON CORPORATION, Chicago, Ill.

*Paper, Pulp and Paper Products (Continued)*

ALBEMARLE PAPER MANUFACTURING COMPANY, Richmond, Va.  
AMERICAN REENFORCED PAPER COMPANY, Attleboro, Mass.  
AMERICAN SEAL KAP CORPORATION, Long Island City, N. Y.  
APPLETON COATED PAPER CO. (THE), Appleton, Wis.  
ATLAS-BOXMAKERS, INC., Chicago, Ill.  
BADGER CARTON COMPANY, Milwaukee, Wis.  
BERGSTROM PAPER COMPANY, Neenah, Wis.  
BEVERIDGE PAPER COMPANY (THE), Indianapolis, Ind.  
BROOKLYN STANDARD BAG CORPORATION, New York City.  
BROWN COMPANY, New York City.  
CAMPBELL BOX AND TAG COMPANY, South Bend, Ind.  
CANADIAN INTERNATIONAL PAPER COMPANY, Montreal, Quebec,  
Canada.  
CHAMPION PAPER AND FIBRE COMPANY, Canton, N. C.  
CLIFTON PAPER BOARD CO., INC., Clifton, N. J.  
CONTAINER CORPORATION OF AMERICA, Chicago, Ill.  
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.  
CUPPLES COMPANY, St. Louis, Mo.  
DENNISON MANUFACTURING COMPANY, Framingham, Mass.  
DOWNING BOX COMPANY, Milwaukee, Wis.  
DUNN PAPER COMPANY, Port Huron, Mich.  
ECUSTA PAPER CORPORATION, Pisgah Forest, N. C.  
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.  
GAIR (ROBERT) COMPANY, INC., New York City.  
GAYLORD CONTAINER CORPORATION, St. Louis, Mo.  
GENERAL BOX COMPANY, INCORPORATED, 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, Green Bay, Wis.  
HOLLINGSWORTH & WHITNEY COMPANY, Boston, Mass.



### *Paper, Pulp and Paper Products (Continued)*

IMPERIAL PAPER AND COLOR CORPORATION, Glens Falls, N. Y.  
INLAND CONTAINER CORPORATION, Indianapolis, Ind.  
INTERNATIONAL CELLUCOTTON PRODUCTS Co., Chicago, Ill.  
INTERNATIONAL PAPER COMPANY, New York City.  
JACKSON BOX COMPANY (THE), Norwood, O.  
KALAMAZOO VEGETABLE PARCHMENT Co., Kalamazoo, Mich.  
KIECKHEFER CONTAINER COMPANY, Camden, N. J.  
KIMBERLY-CLARK CORPORATION, Neenah, Wis.  
LEE PAPER COMPANY, Vicksburg, Mich.  
LILY-TULIP CUP CORPORATION, New York City.  
MANNING (JOHN A.) PAPER COMPANY, Troy, N. Y.  
MARATHON CORPORATION, Rothschild, Wis.  
MEAD CORPORATION, Chillicothe, O.  
MILWAUKEE LACE PAPER COMPANY, Milwaukee, Wis.  
MINNESOTA AND ONTARIO PAPER COMPANY, Minneapolis, Minn.  
MISSISQUOI CORPORATION, Sheldon Springs, Vt.  
MOORE CORPORATION, LIMITED, Toronto, Canada.  
NASHUA GUMMED & COATED PAPER COMPANY, Nashua, N. H.  
NATIONAL VULCANIZED FIBRE Co., Wilmington, Del.  
NEW HAVEN PULP AND BOARD COMPANY (THE), New Haven  
Conn.  
NORTHERN PAPER MILLS, Green Bay, Wis.  
NORTHWEST PAPER COMPANY, Cloquet, Minn.  
ONTARIO PAPER Co., LIMITED (THE), Thorold, Ontario, Canada.  
OSWEGO FALLS CORPORATION, Fulton, N. Y.  
OXFORD PAPER COMPANY, New York City.  
PAPER MANUFACTURERS COMPANY, Philadelphia, Pa.  
POWELL RIVER COMPANY LIMITED, Powell River, British Colum-  
bia, Canada.  
RACQUETTE RIVER PAPER COMPANY, Potsdam, N. Y.  
RIEGEL PAPER CORPORATION, New York City.  
RITCHIE (W. C.) AND COMPANY, Chicago, Ill.  
RIVERSIDE PAPER CORPORATION, Appleton, Wis.  
ST. REGIS PAPER COMPANY, New York City.  
SCHMIDT & AULT PAPER Co., York, Pa.  
SCHULZ (A. GEO.) COMPANY, Milwaukee, Wis.  
SCOTT PAPER COMPANY, Chester, Pa.  
SHELBY SALESBOOK COMPANY (THE), Shelby, Ohio.  
SHELLMAR PRODUCTS COMPANY, Mount Vernon, O.  
SHULTZ FOLDING BOX Co., INC., St. Louis, Mo.  
SMITH (HOWARD) PAPER MILLS LIMITED, Montreal, Canada.  
SONOCO PRODUCTS COMPANY, Hartsville, S. C.  
SPECIALTY PAPERS COMPANY, Dayton, O.  
STANDARD CAP AND SEAL CORPORATION, Brooklyn, N. Y.

### *Paper, Pulp and Paper Products (Continued)*

STANDARD PAPER BOX CORPORATION, Los Angeles, Cal.  
STECK COMPANY (THE), Austin, Tex.  
STOCKTON BOX COMPANY, INC., Stockton, Cal.  
STRATHMORE PAPER COMPANY, West Springfield, Mass.  
SUTHERLAND PAPER COMPANY, Kalamazoo, Mich.  
UNION BAG & PAPER CORPORATION, New York City.  
UNITED STATES ENVELOPE COMPANY, Springfield, Mass.  
UNITED STATES PLAYING CARD COMPANY, Cincinnati, O.  
WALDORF PAPER PRODUCTS COMPANY, St. Paul, Minn.  
WALL PAPER INSTITUTE, New York City.  
WARREN (S. D.) COMPANY, Boston, Mass.  
WEST VIRGINIA PULP AND PAPER COMPANY, New York City.  
WESTFIELD RIVER PAPER CO., INC., Russell, Mass.  
WILSON JONES COMPANY, Chicago, Ill.  
WRIGHT COMPANY INC., New York City.

### *Petroleum and Petroleum Products*

AETNA OIL COMPANY, INC., Louisville, Ky.  
AMERADA PETROLEUM CORPORATION, New York City.  
ANDERSON-PRICHARD OIL CORPORATION, Oklahoma City, Okla.  
ARABIAN AMERICAN OIL COMPANY, New York City.  
ASIATIC PETROLEUM CORPORATION, New York City.  
ATLANTIC REFINING COMPANY, Philadelphia, Pa.  
BRITISH AMERICAN OIL COMPANY LIMITED (THE), Toronto,  
Ontario, Canada.  
CAMERON IRON WORKS, INC., Houston, Tex.  
COLUMBIAN CARBON COMPANY, New York City.  
CONTINENTAL OIL COMPANY, Ponca City, Okla.  
CREOLE PETROLEUM CORPORATION, New York City.  
DEEP ROCK OIL CORPORATION, Tulsa, Okla.  
EPIPHANY TANKERS CORPORATION, New York City.  
ETHYL CORPORATION, New York City.  
FISKE BROTHERS REFINING CO., Newark, N. J.  
FOREST OIL CORPORATION, Bradford, Pa.  
GENERAL PETROLEUM CORPORATION, Los Angeles, Cal.  
GOLDEN BEAR OIL CO., Los Angeles, Cal.  
GULF OIL CORPORATION, Pittsburgh, Pa.  
HONOLULU OIL CORPORATION, San Francisco, Cal.  
HUMBLE OIL & REFINING COMPANY, Houston, Tex.  
IMPERIAL OIL LIMITED, Toronto, Ontario, Canada.  
KEWANEE OIL COMPANY, Philadelphia, Pa.  
LION OIL COMPANY, El Dorado, Ark.  
LUMMUS COMPANY, New York City.



### *Petroleum and Petroleum Products (Continued)*

MACMILLAN PETROLEUM CORPORATION, Los Angeles, Cal.  
OHIO OIL COMPANY, Findlay, O.  
PAN AMERICAN PETROLEUM & TRANSPORT Co., New York City.  
PHILLIPS PETROLEUM COMPANY, Bartlesville, Okla.  
PURE OIL COMPANY, Chicago, Ill.  
ROCKY MOUNTAIN DRILLING COMPANY, Los Angeles, Cal.  
SEISMOGRAPH SERVICE CORPORATION, Tulsa, Okla.  
SHELL OIL COMPANY, INCORPORATED, New York City.  
SIGNAL OIL AND GAS COMPANY, Los Angeles, Cal.  
SINCLAIR OIL CORPORATION, New York City.  
SOCONY-VACUUM OIL COMPANY, INC., New York City.  
SONNEBORN (L.) SONS, INC., New York City.  
STANDARD OIL COMPANY OF CALIFORNIA, San Francisco, Cal.  
STANDARD OIL COMPANY (INCORPORATED IN KENTUCKY), Louisville, Ky.  
STANDARD OIL COMPANY (INDIANA), Chicago, Ill.  
STANDARD OIL COMPANY (NEW JERSEY), New York City.  
STANDARD OIL COMPANY (OHIO), Cleveland, O.  
STANOLIND OIL AND GAS COMPANY, Tulsa, Okla.  
SUN OIL COMPANY, Philadelphia, Pa.  
TEXAS COMPANY (THE), 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 BOOK COMPANY, New York City.  
AMERICAN COLORTYPE COMPANY, Chicago, Ill.  
AMERICAN EDUCATION PRESS, INC., Columbus, O.  
AMERICAN GREETING PUBLISHERS, INCORPORATED, Cleveland, 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.  
CAXTON PRINTERS, LTD. (THE), Caldwell, Ida.  
CHICAGO JOURNAL OF COMMERCE, Chicago, Ill.  
CHILTON COMPANY, Philadelphia, Pa.  
COLSON (U. O.) COMPANY, Paris, Ill.  
CONDÉ NAST PUBLICATIONS, INC., New York City.  
CONKEY (W. B.) COMPANY, Hammond, Ind.  
CONOVER-MAST CORPORATION, New York City.  
CROWELL-COLLIER PUBLISHING COMPANY (THE), New York City.

*Printing and Publishing (Continued)*

CURTIS 1000 INC., St. Paul, Minn.  
CURTIS PUBLISHING COMPANY, Philadelphia, Pa.  
DEARING (C. T.) PRINTING COMPANY, Louisville, Ky.  
DE LA MARE (A. T.) COMPANY, INC., New York City.  
DOEHLE GREETING CARDS, INC., Fitchburg, Mass.  
DONNELLEY (R. R.) & SONS COMPANY, Chicago, Ill.  
EDWARDS BROTHERS, INC., Ann Arbor, Mich.  
EUREKA SPECIALTY PRINTING COMPANY, Scranton, Pa.  
FELL (WM. F.) COMPANY, Philadelphia, Pa.  
FORBES LITHOGRAPH MFG. CO. (THE), Boston, Mass.  
GIBSON ART COMPANY, Cincinnati, O.  
GUGLER LITHOGRAPHIC CO. (THE), Milwaukee, Wis.  
HALL BROTHERS, INCORPORATED, Kansas City, Mo.  
HALL (W. F.) PRINTING COMPANY, Chicago, Ill.  
HOOVEN LETTERS, INC., New York City.  
HOUSTON POST (THE), Houston, Tex.  
INTERNATIONAL TEXTBOOK COMPANY, Scranton, Pa.  
JOURNAL COMPANY (THE), Milwaukee, Wis.  
KAUMAGRAPH COMPANY, Wilmington, Del.  
LAWYERS CO-OPERATIVE PUBLISHING COMPANY, Rochester, N. Y.  
LOS ANGELES EXAMINER, Los Angeles, Cal.  
LOS ANGELES TIMES, Los Angeles, Cal.  
MACFADDEN PUBLICATIONS, INC., New York City.  
MACK PRINTING COMPANY, Easton, Pa.  
MAVERICK-CLARKE LITHO COMPANY, San Antonio, Tex.  
MCCALL CORPORATION, New York City.  
MCCLATCHY NEWSPAPERS, Sacramento, Cal.  
MCGRAW-HILL PUBLISHING COMPANY, INC., New York City.  
MEREDITH PUBLISHING COMPANY, Des Moines, Ia.  
METHODIST PUBLISHING HOUSE (THE), Nashville, Tenn.  
MINNEAPOLIS STAR AND TRIBUNE COMPANY, Minneapolis, Minn.  
MUIRSON LABEL CO., INC., San Jose, Cal.  
MULTI-COLORTYPE COMPANY, Cincinnati, O.  
NATIONAL LAW PRESS, New York City.  
NEVINS-CHURCH PRESS, Glen Ridge, N. J.  
NEWS PUBLISHING COMPANY, Fort Wayne, Ind.  
NEWS (THE), New York City.  
NEWSWEEK, New York City.  
NEW YORK TIMES (THE), New York City.  
NEW YORK WORLD-TELEGRAM, New York City.  
OKLAHOMA PUBLISHING COMPANY, Oklahoma City, Okla.  
PACIFIC PRESS INC., Los Angeles, Cal.  
PARENTS' INSTITUTE, INC., New York City.  
PENTON PUBLISHING COMPANY, Cleveland, O.



### *Printing and Publishing (Continued)*

PHILADELPHIA INQUIRER (THE), Philadelphia, Pa.  
PROVIDENCE JOURNAL (THE) AND THE EVENING BULLETIN,  
Providence, R. I.  
RAND McNALLY & COMPANY, Chicago, Ill.  
READER'S DIGEST ASSOCIATION, INC., Pleasantville, N. Y.  
RUST CRAFT PUBLISHERS, Boston, Mass.  
ST. LOUIS POST-DISPATCH, St. Louis, Mo.  
SAN FRANCISCO CHRONICLE, San Francisco, Cal.  
SIMMONS-BOARDMAN PUBLISHING CORPORATION, New York City.  
SPAULDING-MOSS COMPANY, Boston, Mass.  
STECHER-TRAUNG LITHOGRAPH CORPORATION, Rochester, N. Y.  
STREET & SMITH PUBLICATIONS, INC., New York City.  
STROBRIDGE LITHOGRAPHING COMPANY, Cincinnati, O.  
TIME, INCORPORATED, New York City.  
TOLEDO BLADE COMPANY (THE), Toledo, O.  
TORONTO STAR LIMITED (THE), Toronto, Ontario, Canada.  
UARCO, INC., Chicago, Ill.  
UNITED STATES NEWS PUBLISHING CORPORATION, Washington,  
D. C.  
WEST PUBLISHING COMPANY, St. Paul, Minn.  
WESTERN NEWSPAPER UNION, New York City.  
WESTERN PRINTING & LITHOGRAPHING Co., Poughkeepsie, N. Y.  
WILLIAMS PRESS, INC., Albany, N. Y.  
YOUNGSTOWN VINDICATOR, Youngstown, O.

### *Rubber and Rubber Products*

AMERICAN HARD RUBBER COMPANY, New York City.  
ARMSTRONG RUBBER COMPANY, West Haven, Conn.  
DAVOL RUBBER COMPANY, Providence, R. I.  
DAYTON RUBBER MANUFACTURING COMPANY, Dayton, O.  
DURKEE-ATWOOD COMPANY, Minneapolis, Minn.  
ELECTRIC HOSE & RUBBER COMPANY, Wilmington, Del.  
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-ROBINS, INCORPORATED, Buffalo, N. Y.  
HOOD RUBBER COMPANY, A DIVISION OF THE B. F. GOODRICH  
COMPANY, Watertown, Mass.  
KELLY-SPRINGFIELD TIRE COMPANY (THE), Cumberland, Md.  
KLEINERT (I. B.) RUBBER COMPANY, College Point, N. Y.  
LEE RUBBER & TIRE CORPORATION, Conshohocken, Pa.

### *Rubber and Rubber Products (Continued)*

OHIO RUBBER COMPANY, Willoughby, O.  
O'SULLIVAN RUBBER CORPORATION (THE), Winchester, Va.  
PYRAMID RUBBER COMPANY (THE), Ravenna, O.  
RICHARDSON COMPANY (THE), Melrose Park, Ill.  
SEIBERLING RUBBER COMPANY, Akron, O.  
SPONGE RUBBER PRODUCTS (THE), Shelton, Conn.  
STOKES MOLDED PRODUCTS, INC., Trenton, N. J.  
UNITED STATES RUBBER COMPANY, New York City.

### *Soap and Toilet Preparations*

BRECK (JOHN H.) INC., Springfield, Mass.  
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.  
SHULTON, INCORPORATED, Clifton, N. J.  
WERK (M.) COMPANY, St. Bernard, Cincinnati, O.  
WRISLEY (ALLEN B.) COMPANY, Chicago, Ill.

### *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.  
ELECTRIC BOAT COMPANY, Groton, Conn.  
KAISER (HENRY J.) COMPANY, Oakland, Cal.  
LEVINGSTON SHIPBUILDING COMPANY, Orange, Tex.  
MANITOWOC SHIPBUILDING COMPANY, Manitowoc, Wis.  
NEWPORT NEWS SHIPBUILDING AND DRY DOCK COMPANY, Newport News, Va.  
SUN SHIPBUILDING & DRY DOCK COMPANY, Chester, Pa.

### *Textiles and Textile Products*

ALKAHN SILK LABEL CO., INC., New York City.  
AMERICAN BLEACHED GOODS COMPANY, INC., New York City.  
AMERICAN ENKA CORPORATION, Enka, N. C.  
AMERICAN EXCELSIOR CORPORATION, Chicago, Ill.



*Textiles and Textile Products (Continued)*

AMERICAN MANUFACTURING Co., Brooklyn, N. Y.  
AMERICAN SILK MILLS, INC., New York City.  
AMERICAN THREAD COMPANY (THE), INCORPORATED, New York City.  
AMERICAN VISCOSE CORPORATION, Philadelphia, Pa.  
APPLETON WOOLEN MILLS, Appleton, Wis.  
APPONAUG COMPANY, Apponaug, R. I.  
ARTLOOM CARPET COMPANY, INC., Philadelphia, Pa.  
BALTIC MILLS COMPANY, Providence, R. I.  
BARBIZON CORPORATION, New York City.  
BARRE WOOL COMBING COMPANY, LTD., Boston, Mass.  
BARTMANN & BIXER, INC., Clifton, N. J.  
BATES MANUFACTURING COMPANY, Lewiston, Me.  
BEAR MILL MANUFACTURING Co., INC., New York City.  
BEMIS BRO. BAG Co., 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 Co., INC., New York City.  
BLOOMSBURG MILLS, INC., New York City.  
BLUE BELL, INC., Greensboro, N. C.  
BLUE SWAN MILLS—DIVISION OF MCKAY PRODUCTS CORPORATION, Sayre, Pa.  
BLUMENTHAL (SIDNEY) & Co., INC., New York City.  
BOLLMAN (GEO. W.) & Co., Adamstown, Pa.  
BOOTT MILLS, Boston, Mass.  
BOTANY MILLS, INC., Passaic, N. J.  
BRADFORD DYEING ASSOCIATION (U.S.A.), Westerly, R. I.  
BROAD BROOK COMPANY, Broad Brook, Conn.  
BURLINGTON MILLS CORPORATION, Greensboro, N. C.  
BURSON KNITTING COMPANY, Rockford, Ill.  
CALLAWAY MILLS COMPANY, La Grange, Ga.  
CANTON COTTON MILLS, Canton, Ga.  
CARTER (THE WILLIAM) COMPANY, Needham Heights, Mass.  
CATLIN FARISH Co., 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.  
CHICOPEE MANUFACTURING CORPORATION, New Brunswick, N. J.  
CLUETT, PEABODY & Co., INC., Troy, N. Y.  
COHEN GOLDMAN & COMPANY, INC., New York City.  
COLLINS & AIKMAN CORPORATION, New York City.

*Textiles and Textile Products (Continued)*

COLUMBIAN ROPE COMPANY, Auburn, N. Y.  
CONE EXPORT AND COMMISSION COMPANY, New York City.  
CONE MILLS CORPORATION, Greensboro, N. C.  
CONTINENTAL MILLS, INC., Philadelphia, Pa.  
COOPERS INC., Kenosha, Wis.  
CRANSTON PRINT WORKS COMPANY, Cranston, R. I.  
CROMPTON COMPANY, New York City.  
DAN RIVER MILLS, INCORPORATED, Danville, Va.  
DELAWARE RAYON COMPANY, New Castle, Del.  
DELTOX RUG COMPANY, New York City.  
DICKEY (W. J.) & SONS, INC., Oella, Md.  
DIXIE MERCERIZING COMPANY, Chattanooga, Tenn.  
DOMINION TEXTILE COMPANY, LTD., Montreal, Quebec, Canada.  
DOMINION WOOLENS & WORSTEDS, LTD., Toronto, Canada.  
DOMMERICH (L. F.) & COMPANY, New York City.  
DUPLAN CORPORATION (THE), New York City.  
ERWIN COTTON MILLS COMPANY, Durham, N. C.  
FARIBAULT WOOLEN MILL COMPANY, Faribault, Minn.  
FORMFIT COMPANY (THE), Chicago, Ill.  
GOTHAM HOSIERY COMPANY, INC., New York City.  
HAMILTON COTTON COMPANY (THE), LIMITED, Hamilton, Ontario,  
Canada.  
HANES (P. H.) KNITTING Co., Winston-Salem, 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.  
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.  
INTERWOVEN STOCKING COMPANY, New Brunswick, N. J.  
JAFF & Co. (PTY) LTD., Johannesburg, South Transvaal, Union of  
South Africa.  
JOANNA-WESTERN MILLS COMPANY, Chicago, Ill.  
KARAGHEUSIAN (A. & M.) INC., New York City.  
KAYSER (JULIUS) & Co., Brooklyn, N. Y.  
KENDALL COMPANY (THE), Boston, Mass.  
KUPPENHEIMER (B.) & COMPANY, INC., Chicago, Ill.  
LACHMAN (CHARLES) Co., INC., Phoenixville, Pa.  
LANDERS CORPORATION (THE), Toledo, O.  
LEES (JAMES) AND SONS COMPANY, Bridgeport, Pa.



*Textiles and Textile Products (Continued)*

LIBBEY (W. S.) COMPANY, Lewiston, Me.  
LINEN THREAD COMPANY, INC., Paterson, N. J.  
LITTLE (ELMER) & SON, INC., Johnstown, N. Y.  
LORRAINE MANUFACTURING COMPANY, INC., Pawtucket, R. I.  
LOUISVILLE TEXTILES, INCORPORATED, Louisville, Ky.  
LUDLOW MANUFACTURING & SALES COMPANY, Boston, Mass.  
LUSTRE FIBRES, INC., New York City.  
MANHATTAN SHIRT CO. (THE), New York City.  
MICHAELS, STERN & COMPANY, INC., Rochester, N. Y.  
MOHAWK CARPET MILLS, INC., Amsterdam, N. Y.  
MT. VERNON-WOODBERRY MILLS, INC., Baltimore, Md.  
MUNSINGWEAR, INC., Minneapolis, Minn.  
NARROW FABRIC COMPANY, Reading, Pa.  
NEISLER MILLS, INC., Kings Mountain, N. C.  
NEW BEDFORD CORDAGE Co., New York City.  
NEW BEDFORD RAYON COMPANY, New Bedford, Mass.  
NEW ENGLAND TAPE CO., INC., Hudson, Mass.  
NEWMARKET MANUFACTURING COMPANY, Lowell, Mass.  
NOMEND HOSIERY, INC., Philadelphia, Pa.  
NORTH AMERICAN RAYON CORPORATION, New York City.  
OSBORN (C. D.) COMPANY (THE), Chicago, Ill.  
PARKER, WILDER & CO., INC., New York City.  
PATCHOGUE-PLYMOUTH MILLS CORPORATION, New York City.  
PEORIA CORDAGE COMPANY, Peoria, Ill.  
PEPPERELL MANUFACTURING COMPANY, Boston, Mass.  
PLYMOUTH CORDAGE COMPANY, North Plymouth, Mass.  
PONEMAH MILLS, Taftville, Conn.  
POWDRELL & ALEXANDER, INC., Danielson, Conn.  
PRISCILLA BRAID COMPANY, Central Falls, R. I.  
RAILWAY SUPPLY & MANUFACTURING Co. (THE), Cincinnati, O.  
RICHMAN BROTHERS Co. (THE), Cleveland, O.  
ROCHESTER BUTTON COMPANY, Rochester, N. Y.  
ROGERS CORPORATION, Manchester, Conn.  
SAMSON CORDAGE WORKS, Boston, Mass.  
SAYLES FINISHING PLANTS, INC., Saylesville, R. I.  
SCHAPIRO (S.) AND SONS, INC., Baltimore, Md.  
SHULER & BENNINGHOFEN, Hamilton, O.  
SLATER MANUFACTURING Co., INC., Greensboro, N. C.  
SMITH (ALEXANDER) & SONS CARPET Co., Yonkers, N. Y.  
SPARTAN MILLS, Spartanburg, S. C.  
SPOOL COTON COMPANY, New York City.  
STETSON (JOHN B.) COMPANY, Philadelphia, Pa.  
STEWART HARTSHORN Co., New York City.  
STIFEL (J. L.) & SONS, INC., Wheeling, W. Va.

### *Textiles and Textile Products (Continued)*

STILLWATER WORSTED MILLS, INC., Harrisville, R. I.  
STROOCK (S.) & Co., INC., New York City.  
STRUTWEAR, INC., Minneapolis, Minn.  
SUSQUEHANNA MILLS, INC., New York City.  
TAYLOR FIBRE Co., Norristown, Pa.  
TEXTILEATHER CORPORATION, Toledo, O.  
TEXTILES-INCORPORATED, Gastonia, N. C.  
TEXTRON, INCORPORATED, New York City.  
TURNER HALSEY COMPANY, INCORPORATED, New York City.  
UNITED MERCHANTS & MANUFACTURERS, INC., New York City.  
UNITED PIECE DYE WORKS (THE), Lodi, N. J.  
UTICA KNITTING COMPANY, Utica, N. Y.  
VANITY FAIR MILLS, INC., Reading, Pa.  
VASSAR COMPANY, Chicago, Ill.  
WAMSUTTA MILLS, New Bedford, Mass.  
WANSUCK COMPANY, Providence, R. I.  
WARNER WOVEN LABEL Co., INC., New York City.  
WARREN FEATHERBONE Co. (THE), Three Oaks, Mich.  
WAVERLY MILLS, INC., Laurinburg, N. C.  
WAYNE KNITTING MILLS, Fort Wayne, Ind.  
WESTERN FELT WORKS, Chicago, Ill.  
WHITLOCK CORDAGE COMPANY, New York City.  
WHITMAN (WILLIAM) COMPANY, INC., New York City.  
WILLIAMSON-DICKIE MANUFACTURING Co., Fort Worth, Tex.  
WINNER, INC., Berne, Ind.  
WOODWARD, BALDWIN & Co., New York City.  
YORK KNITTING MILLS, LIMITED, Toronto, Canada.

### *Tobacco*

AMERICAN TOBACCO COMPANY (THE), New York City.  
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.  
LORILLARD (P.) COMPANY, New York City.  
MORRIS (PHILIP) & Co., LTD., INC., New York City.  
REYNOLDS (R. J.) TOBACCO COMPANY, Winston-Salem, N. C.  
STEPHANO BROTHERS, Philadelphia, Pa.  
UNITED STATES TOBACCO COMPANY, New York City.  
WEBSTER TOBACCO Co. INC., New York City.



### *Unclassified—Industrial*

ACME VISIBLE RECORDS, INC., Chicago, Ill.  
ALLEN (W. D.) MANUFACTURING CO., Chicago, Ill.  
AMERICAN HAIR & FELT COMPANY, Chicago, Ill.  
AMERICAN HOME PRODUCTS CORPORATION, New York City.  
AMERICAN HOSPITAL SUPPLY CORPORATION, Evanston, Ill.  
AMERICAN-LAFRANCE-FOAMITE CORPORATION, Elmira, N. Y.  
AMERICAN OPTICAL COMPANY, Southbridge, Mass.  
AMERICAN OPTICAL COMPANY, SCIENTIFIC INSTRUMENT DIVISION,  
Buffalo, N. Y.  
AMERICAN RADIATOR & STANDARD SANITARY CORPORATION, Pitts-  
burgh, Pa.  
AMERICAN SEATING COMPANY, Grand Rapids, Mich.  
AMERICAN STERILIZER COMPANY, Erie, Pa.  
ARGONNE NATIONAL LABORATORY, Chicago, Ill.  
ARMSTRONG CORK COMPANY, Lancaster, Pa.  
AUBURN BUTTON WORKS, INC., Auburn, N. Y.  
BAKER-RAULANG COMPANY (THE), Cleveland, O.  
BALDWIN COMPANY (THE), Cincinnati, O.  
BALLOU (B. A.) & CO., INC., Providence, R. I.  
BASIC REFRACTORIES, INCORPORATED, Cleveland, O.  
BATES MANUFACTURING COMPANY, Orange, N. J.  
BAUSCH & LOMB OPTICAL CO., Rochester, N. Y.  
BEACON MILLING COMPANY, INC., Cayuga, N. Y.  
BEHR-MANNING CORPORATION, Troy, N. Y.  
BELDEN BRICK COMPANY (THE), Canton, O.  
BENRUS WATCH COMPANY, Waterbury, Conn.  
BERRY SEED COMPANY, Clarinda, Ia.  
BLANCHARD (WM. L.) CO., Newark, N. J.  
BLOCKSOM & COMPANY, Michigan City, Ind.  
BLOEDEL, STEWART & WELCH LIMITED, Vancouver, British Colum-  
bia, Canada.  
BRENEMAN COMPANY (THE CHARLES W.), Cincinnati, O.  
BRUNSWICK-BALKE-COLLENDER COMPANY (THE), Chicago, Ill.  
BUESCHER BAND INSTRUMENT COMPANY, Elkhart, Ind.  
BULOVA WATCH COMPANY, New York City.  
CALIFORNIA BARREL COMPANY, LTD., San Francisco, Cal.  
CALIFORNIA COTTON OIL CORPORATION, Los Angeles, Cal.  
CAPITOL RECORDS, INC., Hollywood, Cal.  
CARBON LIMESTONE COMPANY (THE), Youngstown, O.  
CARBORUNDUM COMPANY, Niagara Falls, N. Y.  
CARTHAGE MILLS, INCORPORATED, Cincinnati, O.  
CHICAGO METAL HOSE CORPORATION, Maywood, Ill.  
CHICAGO ROLLER SKATE COMPANY, Chicago, Ill.  
CHILDS COMPANY, New York City.

*Unclassified—Industrial (Continued)*

CINCINNATI INDUSTRIES, INC., Cincinnati, O.  
CLEVELAND HEATER COMPANY (THE), Cleveland, O.  
COLT'S MANUFACTURING CO., Hartford, Conn.  
COLUMBIA MILLS, INC. (THE), Syracuse, N. Y.  
COLUMBIA RECORDING CORPORATION, Bridgeport, Conn.  
CONGOLEUM-NAIRN INC., Kearny, N. J.  
CONMAR PRODUCTS CORPORATION, Newark, N. J.  
CONN (C. G.), LTD., Elkhart, Ind.  
CONSOLIDATED MOLDED PRODUCTS CORPORATION, Scranton, Pa.  
CRONAME, INCORPORATED, Chicago, Ill.  
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.  
EDGAR BROTHERS COMPANY, Metuchen, N. J.  
EKCO PRODUCTS COMPANY, Chicago, Ill.  
ELGIN NATIONAL WATCH COMPANY, Elgin, Ill.  
ENSIGN-BICKFORD COMPANY, Simsbury, Conn.  
ESTERBROOK PEN COMPANY (THE), Camden, N. J.  
FABER (EBERHARD) PENCIL Co., Brooklyn, N. Y.  
FERRY-MORSE SEED Co., Detroit, Mich.  
FOLEY BROTHERS, INC., Pleasantville, N. Y.  
FORMICA COMPANY (THE), Cincinnati, O.  
FULFORD MANUFACTURING COMPANY, Providence, R. I.  
FULLER BRUSH COMPANY, Hartford, Conn.  
FYR-FYTER COMPANY, Dayton, O.  
GAMBLE BROS., INC., Louisville, Ky.  
GAMEWELL COMPANY, Newton Upper Falls, Mass.  
GARDNER DISPLAYS Co., Pittsburgh, Pa.  
GARLOCK PACKING COMPANY, Palmyra, N. Y.  
GENERAL ABRASIVE COMPANY, INC., Niagara Falls, N. Y.  
GENERAL TIME CORPORATION, New York City.  
GORHAM MANUFACTURING COMPANY, Providence, R. I.  
GRACE (W. R.) & Co., New York City.  
GREAT LAKES CARBON CORPORATION, New York City.  
GREEN (A. P.) FIRE BRICK Co., Mexico, Mo.  
GRIGOLEIT COMPANY (THE), Decatur, Ill.  
GRINNELL CORPORATION, Providence, R. I.  
HALL CHINA COMPANY, East Liverpool, O.  
HAMILTON MANUFACTURING COMPANY, Two Rivers, Wis.



*Unclassified—Industrial (Continued)*

HARBISON-WALKER REFRACTORIES COMPANY, Pittsburgh, Pa.  
HARVEY (FRED), INC., Chicago, Ill.  
HEYWOOD-WAKEFIELD COMPANY, Gardner, Mass.  
HIGGINS INK CO., INC., Brooklyn, N. Y.  
INFILCO INCORPORATED, Chicago, Ill.  
IRVINGTON VARNISH & INSULATOR CO., Irvington, N. J.  
JOHNSON & JOHNSON, New Brunswick, N. J.  
KEWAUNEE MANUFACTURING COMPANY, Adrian, Mich.  
KIDDE (WALTER) & COMPANY, INC., Belleville, N. J.  
KIMBALL (W. W.) COMPANY, Chicago, Ill.  
KIRSCH COMPANY, Sturgis, Mich.  
KOPPERS COMPANY, INC., Pittsburgh, Pa.  
LAKE SHORE MINES LIMITED, Kirkland Lake, Ontario, Canada.  
LESTER PIANO MANUFACTURING CO., INC., Philadelphia, Pa.  
LOCK JOINT PIPE COMPANY, East Orange, N. J.  
LOS ANGELES PERIOD FURNITURE MFG. CO., Los Angeles, Cal.  
LYON-RAYMOND CORPORATION, Greene, N. Y.  
MACANDREWS & FORBES COMPANY, Camden, N. J.  
MAGOR CAR CORPORATION, New York City.  
MARLEY COMPANY, INC. (THE), Kansas City, Kan.  
MARSH FURNITURE COMPANY, High Point, N. C.  
MATTHEWS MANUFACTURING CO., Worcester, Mass.  
MCBEE COMPANY (THE), Athens, O.  
MCDONALD (A. Y.) MFG. CO., Dubuque, Ia.  
MENGEL COMPANY (THE), Louisville, Ky.  
METALS DISINTEGRATING COMPANY, INC., Elizabeth, N. J.  
MINE SAFETY APPLIANCES COMPANY, Pittsburgh, Pa.  
MONROE CALCULATING MACHINE COMPANY, Orange, N. J.  
MONTAG STOVE & FURNACE WORKS, Portland, Ore.  
MOORMAN MFG. CO., Quincy, Ill.  
NATIONAL BRUSH COMPANY, Aurora, Ill.  
NATIONAL CASKET COMPANY, INC., Boston, Mass.  
NEW HAVEN CLOCK AND WATCH COMPANY (THE), New Haven,  
Conn.  
ONONDAGA POTTERY COMPANY, Syracuse, N. Y.  
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.  
PENNSYLVANIA OPTICAL CO., Reading, Pa.  
PITTSBURGH BRIDGE & IRON WORKS, Pittsburgh, Pa.  
PNEUMATIC SCALE CORPORATION, LIMITED, North Quincy, Mass.  
POLISH AMERICAN SUPPLY CORPORATION, New York City.

*Unclassified—Industrial (Continued)*

PORCELAIN PRODUCTS, INC., Findlay, O.  
PRECO INCORPORATED, Los Angeles, Cal.  
PUERTO RICO INDUSTRIAL DEVELOPMENT COMPANY, San Juan,  
Puerto Rico.  
PYRENE MANUFACTURING COMPANY, Newark, N. J.  
RAYBESTOS-MANHATTAN, INC., Passaic, N. J.  
RED LION CABINET Co., Red Lion, Pa.  
REED & BARTON CORPORATION, Taunton, Mass.  
REISS-PREMIER CORPORATION (THE), West New York, N. J.  
REPUBLIC FLOW METERS Co., Chicago, Ill.  
RITTER COMPANY, INC., Rochester, N. Y.  
ROBERTS & MANDER CORPORATION, Hatboro, Pa.  
ROBERTSON (ALEX) COMPANY, Paramount, Cal.  
ROGERS CORPORATION, Manchester, Conn.  
SCOTT (O. M.) AND SONS COMPANY, Marysville, O.  
SHEAFFER (W. A.) PEN COMPANY, Fort Madison, Ia.  
SHWAYDER BROTHERS, INC., Detroit, Mich.  
SILEX COMPANY (THE), Hartford, Conn.  
SLOANE (W. & J.), New York City.  
SLOANE-BLABON CORPORATION, Trenton, N. J.  
SNAP-ON TOOLS CORPORATION, Kenosha, Wis.  
SONOTONE CORPORATION, Elmsford, N. Y.  
SPALDING (A. G.) & BROS., INC., Chicopee, Mass.  
SPAULDING FIBRE COMPANY, INC., Tonawanda, N. Y.  
SPEIDEL CORPORATION, Providence, R. I.  
STANDARD DREDGING CORPORATION, New York City.  
STANDARD FURNITURE COMPANY, Herkimer, N. Y.  
STANDARD STOKER COMPANY, INC. (THE), New York City.  
STANDARD TOOL AND MANUFACTURING Co., Arlington, N. J.  
STAPLING MACHINES Co., Rockaway, N. J.  
STAR BRUSH MANUFACTURING Co., INC., Boston, Mass.  
STEINWAY & SONS, New York City.  
SUPERIOR FOUNDRY, INC., Cleveland, O.  
SURFACE COMBUSTION CORPORATION, Toledo, O.  
THOMPSON MAHOGANY COMPANY, Philadelphia, Pa.  
TRILSCH (OSCAR) COMPANY, Whitestone, N. Y.  
TUBE TURNS, INC., Louisville, Ky.  
TWENTIETH CENTURY-FOX FILM CORPORATION, New York City.  
UNION HARDWARE COMPANY, Torrington, Conn.  
UNITED-CARR FASTENER CORPORATION, Cambridge, Mass.  
UNITED STATES TIME CORPORATION (THE), Waterbury, Conn.  
UNIVERSAL PICTURES COMPANY, INC., New York City.  
UNIVERSAL POTTERIES, INC., Cambridge, O.  
VOLKER (WILLIAM) & COMPANY, INC., Kansas City, Mo.



*Unclassified—Industrial (Continued)*

WALLACE (R.) & SONS MFG. CO., Wallingford, Conn.  
WARNER BROS. PICTURES, INC., New York City.  
WEBSTER LENS CO., Webster, Mass.  
WEYERHAEUSER SALES COMPANY, St. Paul, Minn.  
WHITE (S.S.) DENTAL MANUFACTURING COMPANY, Philadelphia, Pa.  
WHITLOCK MANUFACTURING COMPANY (THE), Hartford, Conn.  
WRIGLEY (WM.) JR. COMPANY, Chicago, Ill.  
WROUGHT WASHER MANUFACTURING COMPANY, Milwaukee, Wis.  
WURLITZER (RUDOLPH) COMPANY, North Tonawanda, N. Y.

## NONINDUSTRIAL ASSOCIATES

### *Accountants, Consultants, Engineers*

AMERICAN APPRAISAL COMPANY, Milwaukee, Wis.  
ANDERSEN (ARTHUR) & COMPANY, Chicago, Ill.  
ANDERSEN (ARTHUR) & Co., New York City.  
ARMSTRONG (GEORGE S.) & Co., Inc., New York City.  
BARROW, WADE, GUTHRIE & Co., New York City.  
BERDON (DAVID) & Co., New York City.  
BOOZ, ALLEN & HAMILTON, Chicago, Ill.  
BUSINESS RESEARCH CORPORATION, Chicago, Ill.  
BYOIR (CARL) & ASSOCIATES, INC., New York City.  
CHAMBELLAN, BERGER & WELTI, New York City.  
COOK (JOSEPH M.) AND STAFF, Philadelphia, Pa.  
COVERDALE & COLPITTS, New York City.  
DAY & ZIMMERMANN, INC., New York City.  
DORR COMPANY, INC., New York City.  
DOUGLAS (DAMON G.) COMPANY, INC., Newark, N. J.  
EBASCO SERVICES INCORPORATED, New York City.  
ECKERMAN AND COMPANY, New York City.  
ERNST & ERNST, Cleveland, O.  
FORBES (JOHN F.) & Co., Los Angeles, Cal.  
FORD, BACON & DAVIS, INC., New York City.  
FUEL ENGINEERING COMPANY OF NEW YORK, New York City.  
HASKINS & SELLS, New York City.  
HELLER (ROBERT) & ASSOCIATES, INC., Cleveland, O.  
INDUSTRIAL RELATIONS COUNSELORS, INC., New York City.  
KEARNEY (A. T.) & COMPANY, Chicago, Ill.  
KIMBLE (LESLIE A.) & COMPANY, Roanoke, Va.  
KWASHA & LIPTON, New York City.  
LASSER (J. K.) & Co., 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.  
MANAGEMENT COMMUNICATIONS, INC., Chicago, Ill.  
MCCARTAN (J. R.) & COMPANY, Pittsburgh, Pa.  
MCKINSEY & COMPANY, New York City.  
MEAD CARNEY & COMPANY, INC., New York City.



### *Accountants, Consultants, Engineers (Continued)*

MUTUAL BUYING SYNDICATE, INC., New York City.  
NEWSOM (EARL) & COMPANY, New York City.  
PEAT, MARWICK, MITCHELL & COMPANY, New York City.  
PENSION PLANNING COMPANY, New York City.  
PIONEER SERVICE & ENGINEERING Co., Chicago, Ill.  
PLOCAR (JOHN J.) COMPANY, Stamford, Conn.  
PRICE, WATERHOUSE & COMPANY, New York City.  
RAMOND (ALBERT) & ASSOCIATES, INC., Chicago, Ill.  
RATH & STRONG, INC., Boston, Mass.  
ROGERS & SLADE, New York City.  
SAYRE (BENEDICT M.) & Co., Chicago, Ill.  
SCOTT TRAFFIC CONSULTANTS, Pittsburgh, Pa.  
SCOVELL, WELLINGTON & COMPANY, New York City.  
SEGAL (MARTIN E.) & COMPANY, New York City.  
SEIDMAN & SEIDMAN, New York City.  
SHERMAN FAIRCHILD & ASSOCIATES, New York City.  
STEVENSON, JORDAN & HARRISON, INC., New York City.  
STONE & WEBSTER, INC., New York City.  
SURVEYER, NENNIGER & CHENEVERT, Montreal, Ontario, Canada.  
TECNICA INDUSTRIAL, S. A., Monterrey, Mexico.  
TERRIBERRY (THE G. GILSON) Co., New York City.  
TOUCHE, NIVEN, BAILEY & SMART, New York City.  
TOWERS, PERRIN, FORSTER & CROSBY, INC., Philadelphia, Pa.  
TURCK, HILL & COMPANY, INC., New York City.  
WHITE (THE J. G.) ENGINEERING CORPORATION, New York City.  
WICKENDEN, MORSS AND CALVERT, INC., New York City.  
WILLETT COMPANY (THE), Chicago, Ill.  
WILLIAMS (C. O.) AND ASSOCIATES, Houston, Tex.  
YOUNG (ARTHUR) & COMPANY, New York City.

### *Advertising*

BEAUMONT, HELLER & SPERLING, INCORPORATED, Reading, Pa.  
BENTON & BOWLES, INC., New York City.  
BROWN & BIGELOW, St. Paul, Minn.  
CAMPBELL-EWALD COMPANY, Detroit, Mich.  
COMPTON ADVERTISING, INC., New York City.  
ERWIN, WASEY & COMPANY, INC., New York City.  
FOOTE, CONE & BELDING, New York City.  
FOSTER AND KLEISER COMPANY, San Francisco, Cal.  
FULLER & SMITH & ROSS, INC., New York City.  
GEYER, NEWELL & GANGER, INC., New York City.  
KENYON & ECKHARDT INC., New York City.  
KETCHUM, MACLEOD & GROVE, INC., Pittsburgh, Pa.

### *Advertising (Continued)*

KUDNER AGENCY, INC., New York City.  
MAGAZINE ADVERTISING BUREAU, New York City.  
MARTIN (WILLIS S.) COMPANY, Fort Wayne, Ind.  
McCANN-ERICKSON INC., New York City.  
NEWELL-EMMETT Co., New York City.  
PARRISH (AMOS) & COMPANY, INC., New York City.  
RICHARDS (FLETCHER D.), INC., New York City.  
ROY (ROSS), INC., Detroit, Mich.  
RUDGE (FRED), INC., New York City.  
YOUNG & RUBICAM, INC., New York City.

### *Banks and Trust Companies*

AB SVENSKA HANDELSBANKEN, Stockholm, Sweden.  
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 AND FIFTH AVENUE BANK, New York City.  
BANK OF THE MANHATTAN COMPANY, New York City.  
BANKERS TRUST COMPANY, New York City.  
BERKS COUNTY TRUST COMPANY, Reading, Pa.  
BLOOMFIELD BANK & TRUST COMPANY, Bloomfield, N. J.  
BOATMEN'S NATIONAL BANK OF SAINT LOUIS (THE), St. Louis, Mo.  
BROOKLYN TRUST COMPANY, Brooklyn, N. Y.  
BROWN BROTHERS HARRIMAN & Co., New York City.  
CALIFORNIA BANK, Los Angeles, Cal.  
CENTRAL HANOVER BANK AND TRUST COMPANY, New York City.  
CENTRAL NATIONAL BANK OF CLEVELAND, Cleveland, O.  
CENTRAL TRUST COMPANY, Cincinnati, O.  
CHASE NATIONAL BANK OF THE CITY OF NEW YORK, New York  
City.  
CHEMICAL BANK & TRUST COMPANY, New York City.  
CHICAGO TITLE & TRUST COMPANY, Chicago, Ill.  
CITIZENS NATIONAL TRUST & SAVINGS BANK, Los Angeles, Cal.  
CITY NATIONAL BANK AND TRUST COMPANY OF CHICAGO, 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.



### *Banks and Trust Companies (Continued)*

CROCKER FIRST NATIONAL BANK OF SAN FRANCISCO, San Francisco, Cal.

DETROIT BANK (THE), Detroit, Mich.

DIME SAVINGS BANK OF BROOKLYN, Brooklyn, N. Y.

DURFEE (B. M. C.) TRUST COMPANY, Fall River, Mass.

EAST RIVER SAVINGS BANK, New York City.

EMPIRE CITY SAVINGS BANK, New York City.

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 MINNEAPOLIS, Minneapolis, Minn.

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.

FIDELITY-PHILADELPHIA TRUST COMPANY, Philadelphia, Pa.

FIDELITY UNION TRUST COMPANY, Newark, N. J.

FIDUCIARY TRUST COMPANY OF NEW YORK, New York City.

FIFTH THIRD UNION TRUST COMPANY, Cincinnati, O.

FIRST FEDERAL SAVINGS AND LOAN ASSOCIATION OF MIAMI, Miami, Fla.

FIRST NATIONAL BANK & TRUST CO. (THE), Hamilton, O.

FIRST NATIONAL BANK AND TRUST COMPANY, Paterson, N. J.

FIRST NATIONAL BANK AND TRUST COMPANY OF RACINE, Racine, Wis.

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 MINNEAPOLIS, Minneapolis, Minn.

FIRST NATIONAL BANK OF PHILADELPHIA (THE), Philadelphia, Pa.

FIRST NATIONAL BANK OF PORTLAND (THE), Portland, Ore.

FIRST NATIONAL BANK OF THE CITY OF NEW YORK, New York City.

FIRST TRUST & DEPOSIT COMPANY, Syracuse, N. Y.

FIRST WISCONSIN NATIONAL BANK OF MILWAUKEE, Milwaukee, Wis.

FIRST WISCONSIN TRUST COMPANY, Milwaukee, Wis.

*Banks and Trust Companies (Continued)*

GIRARD TRUST COMPANY, Philadelphia, Pa.  
GREATER NEW YORK SAVINGS BANK (THE), Brooklyn, N. Y.  
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.  
INDIANAPOLIS MORRIS PLAN CORPORATION, Indianapolis, Ind.  
IRVING TRUST COMPANY, New York City.  
KANAWHA VALLEY BANK (THE), Charleston, W. Va.  
LAGONDA NATIONAL BANK OF SPRINGFIELD, Springfield, O.  
LAND TITLE BANK & TRUST COMPANY, Philadelphia, Pa.  
LIBERTY NATIONAL BANK AND TRUST COMPANY OF LOUISVILLE,  
Louisville, Ky.  
LINCOLN NATIONAL BANK AND TRUST COMPANY, Fort Wayne, Ind.  
LINCOLN ROCHESTER TRUST COMPANY, Rochester, N. Y.  
LONG ISLAND CITY SAVINGS BANK, Long Island City, N. Y.  
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, Milwaukee, Wis.  
MARSHALL & ILSLEY BANK, Milwaukee, Wis.  
MASSACHUSETTS INVESTORS TRUST, Boston, Mass.  
MELLON NATIONAL BANK AND TRUST COMPANY, Pittsburgh, Pa.  
MERCANTILE-COMMERCE BANK AND TRUST COMPANY, St. Louis,  
Mo.  
MERCHANTS NATIONAL BANK OF BOSTON, Boston, Mass.  
MISSISSIPPI VALLEY TRUST CO., St. Louis, Mo.  
MORGAN (J. P.) & COMPANY, INC., New York City.  
NATIONAL BANK OF DETROIT, Detroit, Mich.  
NATIONAL CITY BANK OF CLEVELAND, Cleveland, O.  
NATIONAL BANK OF COMMERCE IN MEMPHIS, Memphis, Tenn.  
NATIONAL CITY BANK OF NEW YORK, New York City.  
NATIONAL COMMERCIAL BANK AND TRUST COMPANY OF ALBANY  
(THE), Albany, N. Y.  
NATIONAL SHAWMUT BANK OF BOSTON (THE), Boston, Mass.  
NEW ENGLAND TRUST COMPANY (THE), Boston, Mass.  
NEW YORK SAVINGS BANK (THE), New York City.  
NEW YORK TRUST COMPANY, New York City.  
NORTHERN TRUST COMPANY, Chicago, Ill.  
NORTHWEST BANCORPORATION, Minneapolis, Minn.  
NORTHWESTERN NATIONAL BANK OF MINNEAPOLIS, Minneapolis,  
Minn.  
PENNSYLVANIA COMPANY FOR BANKING AND TRUSTS (THE), Phila-  
delphia, Pa.



### ***Banks and Trust Companies (Continued)***

PHILADELPHIA NATIONAL BANK, Philadelphia, Pa.  
PROVIDENT TRUST COMPANY OF PHILADELPHIA, Philadelphia, Pa.  
REPUBLIC NATIONAL BANK OF DALLAS, Dallas, Tex.  
RHODE ISLAND HOSPITAL NATIONAL BANK, Providence, R. I.  
RIGGS NATIONAL BANK OF WASHINGTON, D. C. (THE), Washington, D. C.  
SAFE DEPOSIT & TRUST COMPANY OF BALTIMORE, Baltimore, Md.  
SAN FRANCISCO BANK (THE), San Francisco, Cal.  
SAVINGS BANKS TRUST COMPANY, New York City.  
SECOND NATIONAL BANK OF NEW HAVEN (THE), New Haven, Conn.  
SECURITY-FIRST NATIONAL BANK OF LOS ANGELES, Los Angeles, Cal.  
SOCIETY FOR SAVINGS IN THE CITY OF CLEVELAND, Cleveland, O.  
TRADESMEN'S NATIONAL BANK AND TRUST COMPANY, Philadelphia, Pa.  
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.  
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.  
WILMINGTON TRUST COMPANY, Wilmington, Del.  
WORCESTER COUNTY INSTITUTION FOR SAVINGS, Worcester, Mass.  
WORCESTER COUNTY TRUST COMPANY, Worcester, Mass.

### ***Communications and Broadcasting***

AMERICAN TELEPHONE AND TELEGRAPH COMPANY, New York City.  
COLUMBIA BROADCASTING SYSTEM, INC., New York City.  
ERICSSON TELEPHONE SALES CORPORATION, New York City.  
GENERAL TELEPHONE SERVICE CORPORATION, New York City.  
MUTUAL TELEPHONE COMPANY, Honolulu, T. H.  
ROCHESTER TELEPHONE CORPORATION, Rochester, N. Y.  
TELAUTOGRAPH CORPORATION, New York City.  
WESTERN UNION TELEGRAPH COMPANY, New York City.

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

AMERICAN BUSINESS CREDIT CORPORATION, New York City.  
AMERICAN EXPRESS COMPANY, New York City.  
AMERICAN GENERAL CORPORATION, New York City.

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

ATLAS CORPORATION, New York City.  
BAKER, FENTRESS & COMPANY, Chicago, Ill.  
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.  
C. I. T. FINANCIAL CORPORATION, New York City.  
CITIZENS BUDGET CO. OF YOUNGSTOWN, OHIO, INC., Youngs-  
town, O.  
COMMERCIAL CREDIT COMPANY, Baltimore, Md.  
CRUM & FORSTER, New York City.  
DELAFIELD & DELAFIELD, New York City.  
DONNER CORPORATION (THE), Philadelphia, Pa.  
EDDY-RUCKER-NICKELS COMPANY (THE), Cambridge, Mass.  
EDIE (LIONEL D.) & COMPANY, INC., New York City.  
FIDUCIARY MANAGEMENT, INC., New York City.  
HARRIMAN RIPLEY & CO., INC., New York City.  
HARRIS, UPHAM & Co., New York City.  
HOUSEHOLD FINANCE CORPORATION, Chicago, Ill.  
INVESTORS MANAGEMENT COMPANY, INC., New York City.  
KIDDER, PEABODY & COMPANY, New York City.  
LADENBURG THALMAN & COMPANY, New York City.  
LEHMAN CORPORATION (THE), New York City.  
LOEB (CARL M.), RHOADES AND COMPANY, New York City.  
LOOMIS, SAYLES & COMPANY, INC., Boston, Mass.  
MANHATTAN RESEARCH ASSOCIATES, New York City.  
MERRILL LYNCH, PIERCE, FENNER & BEANE, New York City.  
NEW YORK STOCK EXCHANGE, New York City.  
PRESSPRICH (R. W.) & COMPANY, New York City.  
PRICE (T. ROWE), AND ASSOCIATES, INC., Baltimore, Md.  
PUBLIC LOAN CORPORATION, St. Louis, Mo.  
REYNOLDS & COMPANY, New York City.  
RUSSELL, BERG & COMPANY, Boston, Mass.  
SALOMON BROS. & HUTZLER, New York City.  
SCRANTON (CHAS. W.) & Co., New Haven, Conn.  
SCUDDER, STEVENS & CLARK, New York City.  
SECURITY BANKERS MANAGEMENT CORPORATION, Wilmington,  
Del.  
SHEARSON, HAMMILL & COMPANY, New York City.  
STUDLEY, SHUPERT & COMPANY, Boston, Mass.  
TARSCO CORPORATION, Providence, R. I.



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

UNION SERVICE CORPORATION, New York City.  
VAN CLEEF, JORDAN AND WOOD, New York City.  
WELLINGTON & COMPANY, New York City.  
WENZLICK (ROY) & Co., St. Louis, Mo.  
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.  
ALEXANDER & ALEXANDER, INCORPORATED, New York City.  
ALLSTATE INSURANCE COMPANY, Chicago, Ill.  
AMERICAN AUTOMOBILE INSURANCE COMPANY, St. Louis, Mo.  
AMERICAN INSURANCE COMPANY (THE), Newark, N. J.  
AMERICAN INTERNATIONAL UNDERWRITERS CORPORATION, New  
York City.  
AMERICAN MUTUAL LIABILITY INSURANCE COMPANY, Boston,  
Mass.  
ATLANTIC MUTUAL INSURANCE COMPANY, New York City.  
BANKERS LIFE COMPANY, Des Moines, Ia.  
COMMERCIAL UNION ASSURANCE COMPANY LIMITED, New York  
City.  
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.  
EQUITABLE LIFE ASSURANCE SOCIETY OF THE UNITED STATES, New  
York City.  
EQUITABLE LIFE INSURANCE COMPANY OF IOWA, Des Moines, Ia.  
FIDELITY MUTUAL LIFE INSURANCE COMPANY (THE), Philadelphia,  
Pa.  
FIREMEN'S INSURANCE COMPANY, Newark, N. J.  
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, INC., New York City.  
GUARDIAN LIFE INSURANCE COMPANY OF AMERICA (THE), New  
York City.

*Insurance (Continued)*

- HANCOCK (JOHN) MUTUAL LIFE INSURANCE COMPANY, Boston, Mass.
- HARDWARE MUTUAL CASUALTY COMPANY, Stevens Point, Wis.
- HARTFORD FIRE INSURANCE COMPANY, INC., Hartford, Conn.
- HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY (THE), Hartford, Conn.
- HOME INSURANCE COMPANY, New York City.
- HOME LIFE INSURANCE COMPANY, New York City.
- INSURANCE COMPANY OF NORTH AMERICA, Philadelphia, Pa.
- JAMESTOWN MUTUAL INSURANCE Co., Jamestown, N. Y.
- KANSAS CITY LIFE INSURANCE COMPANY, Kansas City, Mo.
- 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, INC., Providence, R. I.
- MARSH & McLENNAN, INC., New York City.
- MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY, Springfield, Mass.
- MATHER & Co., Philadelphia, Pa.
- METROPOLITAN LIFE INSURANCE COMPANY, New York City.
- MICHIGAN MUTUAL LIABILITY COMPANY, Detroit, Mich.
- MUTUAL BENEFIT LIFE INSURANCE COMPANY (THE), Newark, N. J.
- MUTUAL IMPLEMENT AND HARDWARE INSURANCE COMPANY, Owatonna, Minn.
- 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.
- NORTHWESTERN NATIONAL LIFE INSURANCE COMPANY, Minneapolis, Minn.
- PACIFIC MUTUAL LIFE INSURANCE COMPANY, Los Angeles, Cal.
- 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.



### *Insurance (Continued)*

- PROVIDENT MUTUAL LIFE INSURANCE COMPANY OF PHILADELPHIA, Philadelphia, Pa.  
PRUDENTIAL INSURANCE COMPANY OF AMERICA, (THE), Newark, N. J.  
REVERE (THE PAUL) LIFE INSURANCE COMPANY, Worcester, Mass.  
ROYAL-LIVERPOOL GROUPS, New York City.  
ST. PAUL FIRE AND MARINE INSURANCE COMPANY, St. Paul, Minn.  
SECURITY INSURANCE COMPANY OF NEW HAVEN, New Haven, Conn.  
STANDARD ACCIDENT INSURANCE COMPANY, Detroit, Mich.  
STATE FARM MUTUAL AUTOMOBILE INSURANCE CO., Bloomington, Ill.  
STATE MUTUAL LIFE ASSURANCE COMPANY, INC., Worcester, Mass.  
TRAVELERS INSURANCE COMPANY, Hartford, Conn.  
UNION AUTOMOBILE INDEMNITY ASSOCIATION, Bloomington, Ill.  
UNITED STATES FIDELITY & GUARANTY COMPANY, Baltimore, Md.  
WASHINGTON NATIONAL INSURANCE COMPANY, Evanston, Ill.  
ZURICH GENERAL ACCIDENT AND LIABILITY INSURANCE COMPANY, LTD., Chicago, Ill.

### *Lawyers*

- CAHILL, GORDON, ZACHRY & REINDEL, New York City.  
CONSTANGY, FRANK A., Atlanta, Ga.  
FISHER, SAMUEL M., New York City.  
FLETCHER & BROWN, New York City.  
GARDNER, CARTON & DOUGLAS, 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.  
PROSKAUER ROSE GOETZ & MENDELSON, New York City.  
ROPES, GRAY, BEST, COOLIDGE & RUGG, Boston, Mass.  
SELIGMAN & SELIGMAN, New York City.  
SEYFARTH, SHAW & FAIRWEATHER, Chicago, Ill.  
SIMONS (GUSTAVE), New York City.  
WINSTON STRAWN & SHAW, Chicago, Ill.

### *Public Utilities*

- ALABAMA POWER COMPANY, Birmingham, Ala.  
ALLENTOWN-BETHLEHEM GAS COMPANY, Allentown, Pa.  
AMERICAN GAS AND ELECTRIC COMPANY, New York City.  
ARKANSAS LOUISIANA GAS COMPANY, Shreveport, La.  
BOSTON EDISON COMPANY, Boston, Mass.

*Public Utilities (Continued)*

- BRITISH COLUMBIA ELECTRIC RAILWAY COMPANY LIMITED, Vancouver, British Columbia, Canada.
- BROOKLYN BOROUGH GAS COMPANY, Brooklyn, N. Y.
- BROOKLYN UNION GAS COMPANY, Brooklyn, N. Y.
- CANADIAN WESTERN NATURAL GAS COMPANY LIMITED, Calgary, Alberta, Canada.
- CENTRAL ARIZONA LIGHT AND POWER COMPANY, Phoenix, Ariz.
- CENTRAL HUDSON GAS & ELECTRIC CORPORATION, Poughkeepsie, N. Y.
- CENTRAL ILLINOIS ELECTRIC AND GAS CO., Rockford, Ill.
- CENTRAL POWER AND LIGHT COMPANY, Corpus Christi, Tex.
- CHICAGO DISTRICT ELECTRIC GENERATING CORP., Chicago, Ill.
- CINCINNATI GAS AND ELECTRIC COMPANY (THE), Cincinnati, O.
- CLEVELAND ELECTRIC ILLUMINATING COMPANY, Cleveland, O.
- COLUMBIA GAS SYSTEM, INC., 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.
- 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.
- IOWA ELECTRIC LIGHT AND POWER COMPANY, Cedar Rapids, Ia.
- IOWA-ILLINOIS GAS AND ELECTRIC COMPANY, Rock Island, Ill.
- IOWA SOUTHERN UTILITIES COMPANY, Centerville, Ia.
- KANSAS CITY POWER & LIGHT COMPANY, Kansas City, Mo.
- KANSAS CITY PUBLIC SERVICE COMPANY, Kansas City, Mo.
- KANSAS POWER AND LIGHT COMPANY (THE), Topeka, Kan.



*Public Utilities (Continued)*

KENTUCKY UTILITIES COMPANY, Lexington, Ky.  
LACLEDE GAS LIGHT COMPANY (THE), St. Louis, Mo.  
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.  
MINNEAPOLIS GAS COMPANY, Minneapolis, Minn.  
MINNESOTA POWER & LIGHT COMPANY, Duluth, Minn.  
MISSISSIPPI POWER & LIGHT COMPANY, Jackson, Miss.  
MONTANA POWER COMPANY (THE), Butte, Mont.  
NEW ENGLAND POWER COMPANY, Boston, Mass.  
NEW ENGLAND PUBLIC SERVICE COMPANY, Augusta, Me.  
NEW JERSEY POWER & LIGHT COMPANY, Dover, N. J.  
NEW ORLEANS PUBLIC SERVICE INC., New Orleans, La.  
NIAGARA HUDSON POWER CORPORATION, Syracuse, N. Y.  
NORTH AMERICAN COMPANY, New York City.  
NORTHERN STATES POWER COMPANY, Minneapolis, Minn.  
NORTHWESTERN PUBLIC SERVICE COMPANY, Huron, S. D.  
OHIO EDISON COMPANY, Akron, O.  
OHIO FUEL GAS COMPANY (THE), Columbus, O.  
OHIO PUBLIC SERVICE COMPANY (THE), Cleveland, O.  
OKLAHOMA GAS & ELECTRIC COMPANY, Oklahoma City, Okla.  
OMAHA PUBLIC POWER DISTRICT, Omaha, Neb.  
PACIFIC GAS AND ELECTRIC COMPANY, San Francisco, Cal.  
PACIFIC PUBLIC SERVICE COMPANY, San Francisco, Cal.  
PENNSYLVANIA POWER & LIGHT COMPANY, Allentown, Pa.  
PEOPLES GAS LIGHT AND COKE COMPANY, Chicago, Ill.  
PEOPLES NATURAL GAS COMPANY (THE), Pittsburgh, Pa.  
PHILADELPHIA COMPANY, Pittsburgh, Pa.  
PHILADELPHIA ELECTRIC COMPANY, Philadelphia, Pa.  
PIONEER SERVICE & ENGINEERING Co., Chicago, Ill.  
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 COMPANY OF OKLAHOMA, Chickasha, Okla.  
PUBLIC SERVICE ELECTRIC AND GAS COMPANY, Newark, N. J.  
PUGET SOUND POWER & LIGHT COMPANY, Seattle, Wash.  
ROCHESTER GAS AND ELECTRIC CORPORATION, Rochester, N. Y.  
ROCKLAND LIGHT AND POWER COMPANY, Nyack, N. Y.

### *Public Utilities (Continued)*

ST. LOUIS PUBLIC SERVICE COMPANY, St. Louis, Mo.  
SAN DIEGO GAS & ELECTRIC COMPANY, San Diego, Cal.  
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.  
SOUTHERN NATURAL GAS COMPANY, Birmingham, Ala.  
TAMPA ELECTRIC COMPANY, Tampa, Fla.  
TENNESSEE GAS TRANSMISSION COMPANY, Houston, Tex.  
TEXAS ELECTRIC SERVICE COMPANY, Fort Worth, Tex.  
TOLEDO EDISON COMPANY, Toledo, O.  
UNION ELECTRIC COMPANY OF MISSOURI, St. Louis, Mo.  
UNITED FUEL GAS CO., Charleston, W. Va.  
UNITED GAS IMPROVEMENT COMPANY, Philadelphia, Pa.  
UNITED ILLUMINATING COMPANY, New Haven, Conn.  
UNITED LIGHT & RAILWAYS CO. (THE), Chicago, Ill.  
VIRGINIA ELECTRIC AND POWER COMPANY, Richmond, Va.  
WASHINGTON GAS LIGHT COMPANY, Washington, D. C.  
WATER WORKS SERVICE CO., INC., New York City.  
WEST PENN ELECTRIC COMPANY, INC. (THE), 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*

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

### *Transportation*

ACME FAST FREIGHT, INC., New York City.  
AMERICAN AIRLINES, INC., New York City.  
AMERICAN-HAWAIIAN STEAMSHIP COMPANY, New York City.



### *Transportation (Continued)*

ASSOCIATED TRANSPORT, INC., New York City.  
ATCHISON, TOPEKA AND SANTA FE RAILWAY SYSTEM (THE),  
Chicago, Ill.  
BALTIMORE AND OHIO RAILROAD 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, LIMITED, Honolulu, T. H.  
CHESAPEAKE AND OHIO RAILWAY COMPANY, Cleveland, O.  
CHICAGO, BURLINGTON & QUINCY RAILROAD COMPANY, Chicago,  
Ill.  
CHICAGO, INDIANAPOLIS AND LOUISVILLE RAILWAY COMPANY,  
Chicago, Ill.  
CHICAGO AND NORTH WESTERN RAILWAY COMPANY, Chicago, Ill.  
DELAWARE AND HUDSON RAILROAD CORPORATION, New York City.  
DELAWARE, LACKAWANNA AND WESTERN RAILROAD COMPANY  
(THE), New York City.  
DENVER TRAMWAY CORPORATION, Denver, Colo.  
EASTERN AIR LINES, INC., New York City.  
ELGIN, JOLIET & EASTERN RAILROAD Co., Chicago, Ill.  
ERIE RAILROAD COMPANY, Cleveland, O.  
FARRELL LINES INCORPORATED, New York City.  
FRUIT GROWERS EXPRESS COMPANY, Washington, D. C.  
FUNCH, EDYE & COMPANY, INC., New York City.  
GREYHOUND CORPORATION, Chicago, Ill.  
ILLINOIS CENTRAL RAILROAD COMPANY, Chicago, Ill.  
INTERLAKE STEAMSHIP COMPANY, Cleveland, O.  
LAKE TANKERS CORPORATION, New York City.  
LEHIGH VALLEY RAILROAD COMPANY, New York City.  
LOUISIANA & ARKANSAS RAILWAY COMPANY, Kansas City, Mo.  
LYKES BROS. STEAMSHIP Co., INC., Tampa, Fla.  
MATSON NAVIGATION COMPANY, San Francisco, Cal.  
MISSOURI PACIFIC LINES, St. Louis, Mo.  
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, INCORPORATED, New York City.  
PENNSYLVANIA GREYHOUND LINES, INC., Cleveland, O.  
PENNSYLVANIA RAILROAD COMPANY, Philadelphia, Pa.  
PHILADELPHIA TRANSPORTATION COMPANY, Philadelphia, Pa.  
PITTSBURGH & LAKE ERIE RAILROAD COMPANY, Pittsburgh, Pa.

### *Transportation (Continued)*

RAILWAY EXPRESS AGENCY, INCORPORATED, New York City.  
READING COMPANY, Philadelphia, Pa.  
SOUTHERN RAILWAY SYSTEM, Washington, D. C.  
SUPER SERVICE MOTOR FREIGHT Co., Nashville, Tenn.  
UNION PACIFIC RAILROAD COMPANY, New York City.  
UNITED AIR LINES, INC., Chicago, Ill.  
UNITED PARCEL SERVICE, New York City.  
WESTERN MARYLAND RAILWAY COMPANY, Baltimore, Md.

### *Wholesale and Retail Establishments*

ALDENS INC., Chicago, Ill.  
ALLIED STORES CORPORATION, New York City.  
ALPHA BETA FOOD MARKETS, INC., Los Angeles, Cal.  
AMERICAN FACTORS, LIMITED, Honolulu, T. H.  
AMERICAN REPUBLICS CORPORATION, Houston, Tex.  
ASSOCIATED MERCHANDISING CORPORATION, New York City.  
AYERS (L. S.) AND COMPANY, Indianapolis, Ind.  
BRANDEIS (J. L.) & SONS, Omaha, Neb.  
BLOOMINGDALE BROS., INC., New York City.  
CROWLEY, MILNER & COMPANY, Detroit, Mich.  
BUTLER BROTHERS, Chicago, Ill.  
EATON (T.) CO. LIMITED OF MONTREAL (THE), Montreal, Canada.  
EMPORIUM (THE), San Francisco, Cal.  
FOLEY BROS., Houston, Tex.  
GIMBEL BROTHERS, New York City.  
GOLDBLATT BROS. INC., Chicago, Ill.  
GRAND UNION COMPANY (THE), New York City.  
GRANT (W. T.) COMPANY, New York City.  
GREAT ATLANTIC & PACIFIC TEA COMPANY, New York City.  
HALLE BROS. CO. (THE), Cleveland, O.  
HIBBARD, SPENCER, BARTLETT & COMPANY, Evanston, Ill.  
HIGBEE COMPANY, Cleveland, O.  
HUDSON (J. L.) COMPANY, Detroit, Mich.  
HUDSON'S BAY COMPANY, INC., Winnipeg, Manitoba, Canada.  
INTERSTATE DEPARTMENT STORES, INC., New York City.  
KAUFMANN DEPARTMENT STORES, INC., Pittsburgh, Pa.  
KRESS (S. H.) & COMPANY, New York City.  
LANE BRYANT INC., New York City.  
LAZARUS (F. & R.) & COMPANY, Columbus, O.  
LERNER STORES CORPORATION, New York City.  
LIT BROTHERS, Philadelphia, Pa.  
MACY (R. H.) & COMPANY, INC., New York City.



### *Wholesale and Retail Establishments (Continued)*

MAGNIN (I.) & Co., San Francisco, Cal.  
MARSHALL FIELD & COMPANY, INC., 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.  
MILLER & RHOADS, INCORPORATED, Richmond, Va.  
MONTGOMERY WARD & COMPANY, INC., Chicago, Ill.  
NORTHRUP, KING & COMPANY, Minneapolis, Minn.  
OTIS HIDDEN CO., INC. (THE), Louisville, Ky.  
PECK & PECK, New York City.  
PENNEY (J. C.) COMPANY, INC., New York City.  
PIERCE (S. S.) COMPANY, Boston, Mass.  
RIKE-KUMLER COMPANY (THE), Dayton, O.  
SAFEWAY STORES, INCORPORATED, Oakland, Cal.  
SCHUSTER (ED.) & Co., INC., Milwaukee, Wis.  
SEARS, ROEBUCK AND Co., Chicago, Ill.  
SHAPLEIGH HARDWARE COMPANY, St. Louis, Mo.  
SIMPSON (THE ROBERT) COMPANY LIMITED, Toronto, Ontario,  
Canada.  
SOLO-SERVE COMPANY, INC., San Antonio, Tex.  
SOUTHEAST WHOLESALE FURNITURE Co., Atlanta, Ga.  
STEWART DRY GOODS Co., INC., Louisville, Ky.  
STIX, BAER AND FULLER COMPANY, St. Louis, Mo.  
STOP & SHOP, INC., Boston, Mass.  
STRAWBRIDGE & CLOTHIER, Philadelphia, Pa.  
WESTERN AUTO SUPPLY COMPANY, Kansas City, Mo.  
WIEBOLDT STORES, INC., Chicago, Ill.  
WOOLWORTH (F. W.) Co., New York City.

### *Unclassified—Nonindustrial*

AMERICAN NEWS COMPANY, INC., (THE), New York City.  
AMERICAN REPUBLICS CORPORATION, Houston, Tex.  
BREWERS' WAREHOUSING COMPANY LIMITED, Toronto, Ontario,  
Canada.  
BROTHERTON (FRED J.), INC., Hackensack, N. J.  
CAFRTITZ COMPANY, Washington, D. C.  
CANADIAN CORPORATIONS LIMITED, Montreal, Quebec, Canada.  
CHUBB & SON, New York City.  
DAVIES (THEO. H.) & Co., LTD., Honolulu, Hawaii.  
EMERY'S (THOMAS) SONS, INC., Cincinnati, O.  
HEBERLEIN & Co., LTD., New York City.

*Unclassified—Nonindustrial (Continued)*

LANGERRE, INC., New York City.  
MACK (W. IAN) & ASSOCIATES, New York City.  
McKEE (ARTHUR G.) & COMPANY, Cleveland, O.  
MEAD BROTHERS, INC., Miami Beach, Fla.  
MELLON (T.) AND SONS, Pittsburgh, Pa.  
MERCHANTS REFRIGERATING COMPANY, New York City.  
NEW PROCESS COMPANY, Warren, Pa.  
NEW YORK DOCK COMPANY, New York City.  
PENN STEVEDORING COMPANY, New York City.  
POSITION SECURING BUREAU, INC., New York City.  
SONORA PRODUCTS COMPANY, San Francisco, Cal.  
UNITED GAS PIPE LINE COMPANY, Shreveport, La.  
WALDORF-ASTORIA CORPORATION (HOTEL), New York City.



## ORGANIZATIONS

- AIRLINES PERSONNEL RELATIONS CONFERENCE, Washington, D. C.  
AMALGAMATED CLOTHING WORKERS OF AMERICA, New York City.  
AMERICAN BANKERS ASSOCIATION (THE), New York City.  
AMERICAN BOILER & AFFILIATED INDUSTRIES, New York City.  
AMERICAN COAL SALES ASSOCIATION, Washington, D. C.  
AMERICAN COTTON MANUFACTURERS ASSOCIATION, Charlotte, N. C.  
AMERICAN FEDERATION OF HOSIERY WORKERS, Philadelphia, Pa.  
AMERICAN FEDERATION OF LABOR, Washington, D. C.  
AMERICAN GAS ASSOCIATION, INC., New York City.  
AMERICAN HOSPITAL ASSOCIATION, Chicago, Ill.  
AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC., New York City.  
AMERICAN IRON AND STEEL INSTITUTE, New York City.  
AMERICAN MUTUAL ALLIANCE, Chicago, Ill.  
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AMERICAN PETROLEUM INSTITUTE, New York City.  
AMERICAN RAILWAY CAR INSTITUTE, New York City.  
AMERICAN ROAD BUILDERS' ASSOCIATION, Washington, D. C.  
AMERICAN STEEL WAREHOUSE ASSOCIATION, INC., Cleveland, O.  
AMERICAN TRANSIT ASSOCIATION, New York City.  
ANTHRACITE INSTITUTE, Wilkes-Barre, Pa.  
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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.  
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York City.  
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CALIFORNIA MANUFACTURERS ASSOCIATION, Los Angeles, Cal.

CALIFORNIA STATE CHAMBER OF COMMERCE, San Francisco, Cal.

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CANADIAN MANUFACTURERS ASSOCIATION, INC., Toronto, Ontario, Canada.

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CENTRAL PENNSYLVANIA COAL PRODUCERS' ASSOCIATION, Altoona, Pa.

CENTRAL VIRGINIA INDUSTRIES, INC., Lynchburg, Va.

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COMMUNICATIONS WORKERS OF AMERICA, Washington, D. C.

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CORN INDUSTRIES RESEARCH FOUNDATION, New York City.

COTTON MANUFACTURERS ASSOCIATION OF GEORGIA, Atlanta, Ga.

COTTON TEXTILE INSTITUTE, INC., New York City.

CREDIT RESEARCH FOUNDATION, New York City.



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 DAYTON CHAMBER OF COMMERCE, Dayton, O.  
 DES MOINES CHAMBER OF COMMERCE, Des Moines, Ia.  
 DETROIT BOARD OF COMMERCE, Detroit, Mich.  
 DOMINION BREWERS ASSOCIATION, Ottawa, Canada.  
 EASTERN RAILROAD PRESIDENTS CONFERENCE, New York City.  
 ECONOMISCHE VOORLICHTINGDIENST, BIBLIOTHEEK DER, The Hague, Netherlands.  
 EDISON ELECTRIC INSTITUTE, 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 ASSOCIATION OF WESTERN MASSACHUSETTS, INC., Springfield, Mass.  
 FEDERATION OF GLASS, CERAMIC AND SILICA SAND WORKERS OF AMERICA, Columbus, O.  
 FOOD INDUSTRIES EMPLOYERS LABOR RELATIONS COUNCIL, INC., Los Angeles, Cal.  
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 INTERNATIONAL BROTHERHOOD OF ELECTRICAL WORKERS, San Francisco, Cal.  
 INTERNATIONAL BROTHERHOOD OF TEAMSTERS, CHAUFFEURS, WAREHOUSEMEN & HELPERS OF AMERICA, Washington, D. C.

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 MANUFACTURERS ASSOCIATION OF MONTGOMERY COUNTY, Norris-  
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 NATIONAL ASSOCIATION OF HOSIERY MANUFACTURERS, New York  
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 NATIONAL ASSOCIATION OF MANUFACTURERS, New York City.  
 NATIONAL ASSOCIATION OF PHOTO-LITHOGRAPHERS, New York  
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 NATIONAL ASSOCIATION OF PURCHASING AGENTS, INC., New York  
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 NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION, New York City.  
 NATIONAL FEDERATION OF SALES EXECUTIVES, New York City.  
 NATIONAL FEDERATION OF TEXTILES, INC., New York City.  
 NATIONAL FOREIGN TRADE COUNCIL, INC., New York City.  
 NATIONAL FOUNDATION FOR INFANTILE PARALYSIS, INC. (THE), New York City.  
 NATIONAL FOUNDRY ASSOCIATION, Chicago, Ill.  
 NATIONAL LABOR BUREAU, San Francisco, Cal.  
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 NATIONAL METAL TRADES ASSOCIATION, CONNECTICUT BRANCH, New Haven, Conn.  
 NATIONAL METAL TRADES ASSOCIATION, NEW YORK AND NEW JERSEY BRANCH, New York City.  
 NATIONAL RETAIL DRY GOODS ASSOCIATION, New York City.  
 NATIONAL SCREW MACHINE PRODUCTS ASSOCIATION, Cleveland, O.  
 NATIONAL SMALL BUSINESS MEN'S ASSOCIATION, Chicago, Ill.  
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 OMAHA CHAMBER OF COMMERCE, Omaha, Neb.  
 PACIFIC NORTHWEST NEWSPAPER ASSOCIATION, Portland, Ore.  
 PAPER MILL WIRE CLOTH MANUFACTURERS' ASSOCIATION, Washington, D. C.  
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 PENNSYLVANIA STATE CHAMBER OF COMMERCE, Harrisburg, Pa.  
 PEORIA MANUFACTURERS' ASSOCIATION, Peoria, Ill.

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 PORTLAND CEMENT ASSOCIATION, Chicago, Ill.  
 PRINTING INDUSTRY PARITY COMMITTEE FOR MONTREAL & DISTRICT, Montreal, Canada.  
 PUBLISHERS' ASSOCIATION OF NEW YORK CITY, New York City.  
 RAILWAY BUSINESS ASSOCIATION, Chicago, Ill.  
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 TAX FOUNDATION, INC., New York City.  
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 TRISTATE INDUSTRIAL ASSOCIATION, INC., Pittsburgh, Pa.  
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 UNITED ELECTRICAL, RADIO & MACHINE WORKERS OF AMERICA, New York City.  
 UNITED STATES BREWERS FOUNDATION INC., New York City.  
 UNITED STATES POTTERS ASSOCIATION, East Liverpool, O.  
 UNITED STEELWORKERS OF AMERICA, Pittsburgh, Pa.  
 UPJOHN (THE W. E.) INSTITUTE FOR COMMUNITY RESEARCH, Kalamazoo, Mich.  
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VIRGINIA MANUFACTURERS ASSOCIATION, INCORPORATED, Richmond, Va.  
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WASHINGTON CO-OPERATIVE FARMERS ASSOCIATION, Seattle, Wash.  
WASHINGTON EMPLOYERS, INC., Seattle, Wash.  
WATERFRONT EMPLOYERS ASSOCIATION OF THE PACIFIC COAST, San Francisco, Cal.  
WEBBING MANUFACTURERS INSTITUTE, New London, Conn.  
WEST VIRGINIA CHAMBER OF COMMERCE, Charleston, W. Va.  
WESTERN OIL AND GAS ASSOCIATION, Los Angeles, Cal.  
WESTERN PINE ASSOCIATION, Portland, Ore.  
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SCOTT, WALTER, Sydney, New South Wales, Australia.



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SOLUM, KARL J., Kenosha, Wis.  
STOKES, W. E. D., JR., Lenox, Mass.  
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WOOD, ALAN M., New York City.

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CALIFORNIA STATE LIBRARY, Sacramento, Cal.  
CANTON PUBLIC LIBRARY ASSOCIATION, Canton, O.  
CARNEGIE INSTITUTE OF TECHNOLOGY, Pittsburgh, Pa.  
CARNEGIE LIBRARY OF PITTSBURGH, Pittsburgh, Pa.  
CASE INSTITUTE OF TECHNOLOGY, Cleveland, O.  
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 TRATION, Boston, Mass.  
 HARVARD UNIVERSITY, OFFICE OF PERSONNEL RELATIONS, Cam-  
 bridge, Mass.  
 HAZEN (THE EDWARD W.) FOUNDATION INC., New Haven, Conn.  
 ILLINOIS INSTITUTE OF TECHNOLOGY, Chicago, Ill.  
 ILLINOIS STATE LIBRARY, GENERAL LIBRARY DIVISION, Spring-  
 field, Ill.  
 INDIAN STATISTICAL INSTITUTE, Calcutta, India.  
 INDIANA STATE LIBRARY, Indianapolis, Ind.  
 INDIANA STATE TEACHERS COLLEGE LIBRARY, Terre Haute, Ind.  
 INDIANA UNIVERSITY, Bloomington, Ind.  
 INDIANAPOLIS PUBLIC LIBRARY, Indianapolis, Ind.  
 INSTITUTE OF PAPER CHEMISTRY (THE), Appleton, Wis.  
 INSTITUTE OF PUBLIC ADMINISTRATION, New York City.  
 JOHNS HOPKINS UNIVERSITY (THE), Silver Spring, Md.  
 KANAWHA COUNTY PUBLIC LIBRARY, Charleston, W. Va.  
 KANSAS CITY PUBLIC LIBRARY, Kansas City, Mo.  
 KANSAS STATE LIBRARY, Topeka, Kan.  
 KIRSTEIN BUSINESS LIBRARY, Boston, Mass.  
 LANE PUBLIC LIBRARY, Hamilton, O.

LEHIGH UNIVERSITY LIBRARY, Bethlehem, Pa.  
 LIBRARY ASSOCIATION OF PORTLAND, Portland, Ore.  
 LIBRARY OF PARLIAMENT, Ottawa, Canada.  
 LOS ANGELES BUREAU OF MUNICIPAL RESEARCH, Los Angeles, Cal.  
 LOS ANGELES CITY BOARD OF EDUCATION, Los Angeles, Cal.  
 LOS ANGELES COUNTY BUREAU OF ADMINISTRATIVE RESEARCH,  
 Los Angeles, Cal.  
 LOS ANGELES MUNICIPAL REFERENCE LIBRARY—WATER AND  
 POWER DIVISION, Los Angeles, Cal.  
 LOS ANGELES PUBLIC LIBRARY, Los Angeles, Cal.  
 LOUISIANA STATE UNIVERSITY, Baton Rouge, La.  
 LOUISVILLE FREE PUBLIC LIBRARY, Louisville, Ky.  
 LOYOLA UNIVERSITY—LEWIS TOWER LIBRARY, Chicago, Ill.  
 LOYOLA UNIVERSITY OF LOS ANGELES, Los Angeles, Cal.  
 MARIETTA COLLEGE, Marietta, O.  
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY, Cambridge, Mass.  
 MCGILL UNIVERSITY, Montreal, Canada.  
 MCMILLAN (THE REUBEN) FREE LIBRARY, Youngstown, O.  
 MIAMI UNIVERSITY, Oxford, O.  
 MICHIGAN STATE COLLEGE, East Lansing, Mich.  
 MICHIGAN STATE LIBRARY, Lansing, Mich.  
 MILWAUKEE PUBLIC LIBRARY, Milwaukee, Wis.  
 MINNEAPOLIS PUBLIC LIBRARY, Minneapolis, Minn.  
 MISSISSIPPI AGRICULTURAL EXPERIMENT STATION, State College,  
 Miss.  
 MISSISSIPPI STATE COLLEGE, State College, Miss.  
 MONTANA STATE UNIVERSITY, Missoula, Mont.  
 MONTCLAIR (TOWN OF) DEPARTMENT OF PUBLIC WORKS, Mont-  
 clair, N. J.  
 MONTREAL UNIVERSITY, Montreal, Canada.  
 MOODY BIBLE INSTITUTE OF CHICAGO, (THE), Chicago, Ill.  
 NASHVILLE PUBLIC LIBRARY, Nashville, Tenn.  
 NEW HAVEN YMCA JUNIOR COLLEGE, New Haven, Conn.  
 NEW JERSEY COLLEGE FOR WOMEN, New Brunswick, N. J.  
 NEW JERSEY (STATE OF), DEPARTMENT OF EDUCATION, Trenton,  
 N. J.  
 NEW YORK STATE DEPARTMENT OF COMMERCE, Albany, N. Y.  
 NEW YORK STATE DEPARTMENT OF LABOR, New York City.  
 NEW YORK STATE LIBRARY, Albany, N. Y.  
 NEW YORK STATE SCHOOL OF INDUSTRIAL AND LABOR RELATIONS,  
 Ithaca, N. Y.  
 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.



NEWARK PUBLIC LIBRARY (BUSINESS BRANCH), Newark, N. J.  
 NORTH CAROLINA DEPARTMENT OF CONSERVATION AND DEVELOPMENT, Raleigh, N. C.  
 NORTHEASTERN UNIVERSITY, Boston, Mass.  
 NORTHWESTERN UNIVERSITY LIBRARY, Evanston, Ill.  
 NORTHWESTERN UNIVERSITY, THE JOS. SCHAFFNER LIBRARY, Chicago, Ill.  
 OAKLAND PUBLIC LIBRARY, Oakland, Cal.  
 OCCIDENTAL COLLEGE LIBRARY, Los Angeles, Cal.  
 OHIO STATE UNIVERSITY, Columbus, O.  
 OHIO UNIVERSITY, Athens, O.  
 OHIO WESLEYAN UNIVERSITY, Delaware, O.  
 OKLAHOMA AGRICULTURAL & MECHANICAL COLLEGE, Stillwater, Okla.  
 OREGON STATE COLLEGE, Corvallis, Ore.  
 OSHKOSH PUBLIC LIBRARY, Oshkosh, Wis.  
 PENNSYLVANIA STATE COLLEGE, State College, Pa.  
 PENNSYLVANIA (COMMONWEALTH OF), DEPARTMENT OF REVENUE, Harrisburg, Pa.  
 PEPPERDINE COLLEGE, Los Angeles, Cal.  
 PRATT (ENOCH) FREE LIBRARY, Baltimore, Md.  
 PRINCETON UNIVERSITY, ENGINEERING BUILDING LIBRARY, Princeton, N. J.  
 PUBLIC LIBRARY, Ann Arbor, Mich.  
 PUBLIC LIBRARY OF CINCINNATI, Cincinnati, O.  
 PUBLIC LIBRARY OF THE DISTRICT OF COLUMBIA (THE), Washington, D. C.  
 PURDUE UNIVERSITY, Lafayette, Ind.  
 QUEENS BOROUGH PUBLIC LIBRARY, Jamaica, N. Y.  
 RENSSELAER POLYTECHNIC INSTITUTE, Troy, N. Y.  
 REPUBLICAN NATIONAL COMMITTEE, Washington, D. C.  
 RHODE ISLAND STATE COLLEGE, Kingston, R. I.  
 RHODES HOUSE LIBRARY, Oxford, England.  
 ROCKHURST COLLEGE LIBRARY, Kansas City, Mo.  
 ROOSEVELT COLLEGE OF CHICAGO, Chicago, Ill.  
 RUSSELL SAGE FOUNDATION, New York City.  
 RUTGERS UNIVERSITY, New Brunswick, N. J.  
 ST. LOUIS PUBLIC LIBRARY, St. Louis, Mo.  
 ST. LOUIS UNIVERSITY, St. Louis, Mo.  
 ST. PAUL PUBLIC LIBRARY, St. Paul, Minn.  
 SAN FRANCISCO PUBLIC LIBRARY, San Francisco, Cal.  
 SEATTLE COLLEGE LIBRARY, Seattle, Wash.  
 SEATTLE PUBLIC LIBRARY, Seattle, Wash.  
 SOUTH BEND PUBLIC LIBRARY, South Bend, Ind.  
 SOUTHERN ILLINOIS UNIVERSITY, Carbondale, Ill.

SOUTHERN METHODIST UNIVERSITY, FONDREN LIBRARY, Dallas,  
 Tex.  
 SOUTHWESTERN AT MEMPHIS, Memphis, Tenn.  
 SPOKANE PUBLIC LIBRARY, Spokane, Wash.  
 STANFORD UNIVERSITY LIBRARIES, Stanford University, Cal.  
 STATE COLLEGE OF WASHINGTON, Pullman, Wash.  
 STATE UNIVERSITY OF IOWA (THE), Iowa City, Ia.  
 STEVENS INSTITUTE OF TECHNOLOGY, Hoboken, N. J.  
 SUPERIOR SCHOOL OF COMMERCE, Quebec, Canada.  
 SYRACUSE UNIVERSITY LIBRARY, Syracuse, N. Y.  
 TEMPLE UNIVERSITY, Philadelphia, Pa.  
 TOLEDO PUBLIC LIBRARY, Toledo, O.  
 TUFTS COLLEGE LIBRARY, Medford, Mass.  
 TULANE UNIVERSITY OF LOUISIANA (THE), New Orleans, La.  
 UNITED NATIONS, Geneva, Switzerland.  
 UNITED NATIONS, Lake Success, N. Y.  
 UNITED STATES GOVERNMENT  
   ATOMIC ENERGY COMMISSION, Washington, D. C.  
   BUREAU OF THE BUDGET, LIBRARY, Washington, D. C.  
   CIVIL SERVICE COMMISSION, Washington, D. C.  
   DEPARTMENT OF STATE, New York City.  
   FEDERAL DEPOSIT INSURANCE CORPORATION, Washington, D. C.  
   INFORMATION LIBRARY, AMERICAN AMBASSADOR, London, Eng-  
   land.  
   INFORMATION LIBRARY, AMERICAN AMBASSADOR, Paris, France.  
   LIBRARY OF CONGRESS (THE), Washington, D. C.  
   NATIONAL LABOR RELATIONS BOARD, Washington, D. C.  
   NATIONAL SECURITY RESOURCES BOARD LIBRARY, Washington,  
   D. C.  
   NAVAL SHIPYARD, Pearl Harbor, T. H.  
   NAVY DEPARTMENT—BUREAU OF SHIPS, Washington, D. C.  
   RAILROAD RETIREMENT BOARD, Chicago, Ill.  
   SELECTIVE SERVICE SYSTEM, Washington, D. C.  
   SOCIAL SECURITY ADMINISTRATION, Baltimore, Md.  
   SOCIAL SECURITY ADMINISTRATION, Washington, D. C.  
   TREASURY DEPARTMENT, LIBRARY, Washington, D. C.  
   WAR DEPARTMENT, PENTAGON LIBRARY, Washington, D. C.  
   WAR DEPARTMENT—QUARTERMASTER PURCHASING OFFICE,  
   New York City.  
 UNIVERSITY OF AKRON (THE), Akron, O.  
 UNIVERSITY OF ALABAMA, University, Ala.  
 UNIVERSITY OF ARIZONA, Tucson, Ariz.  
 UNIVERSITY OF ARIZONA, COLLEGE OF BUSINESS & PUBLIC AD-  
   MINISTRATION, Tucson, Ariz.  
 UNIVERSITY OF CALIFORNIA, BUREAU OF PUBLIC ADMINISTRATION,  
   Berkeley, Cal.



UNIVERSITY OF CALIFORNIA LIBRARY, Berkeley, Cal.  
 UNIVERSITY OF CALIFORNIA INSTITUTE OF INDUSTRIAL RELATIONS,  
 Los Angeles, Cal.  
 UNIVERSITY OF CALIFORNIA AT LOS ANGELES LIBRARY, Los  
 Angeles, Cal.  
 UNIVERSITY OF CHICAGO, Chicago, Ill.  
 UNIVERSITY OF CHICAGO LIBRARY (THE), Chicago, Ill.  
 UNIVERSITY OF CINCINNATI LIBRARY, Cincinnati, O.  
 UNIVERSITY OF COLORADO LIBRARIES, Boulder, Colo.  
 UNIVERSITY OF CONNECTICUT, Storrs, Conn.  
 UNIVERSITY OF DENVER (THE), Denver, Colo.  
 UNIVERSITY OF DETROIT, Detroit, Mich.  
 UNIVERSITY OF FLORIDA (THE), Gainesville, Fla.  
 UNIVERSITY OF GEORGIA, Athens, Ga.  
 UNIVERSITY OF IDAHO, Moscow, Id.  
 UNIVERSITY OF ILLINOIS LIBRARY, Urbana, Ill.  
 UNIVERSITY OF KENTUCKY, Lexington, Ky.  
 UNIVERSITY OF LOUISVILLE, Louisville, Ky.  
 UNIVERSITY OF MARYLAND, College Park, Md.  
 UNIVERSITY OF MIAMI, Coral Gables, Fla.  
 UNIVERSITY OF MICHIGAN, Ann Arbor, Mich.  
 UNIVERSITY OF MINNESOTA, Minneapolis, Minn.  
 UNIVERSITY OF MISSISSIPPI, University, Miss.  
 UNIVERSITY OF MISSOURI, Columbia, Mo.  
 UNIVERSITY OF NEBRASKA LIBRARIES, Lincoln, Neb.  
 UNIVERSITY OF NEW MEXICO (THE), Albuquerque, N. M.  
 UNIVERSITY OF OKLAHOMA, Norman, Okla.  
 UNIVERSITY OF OMAHA, Omaha, Neb.  
 UNIVERSITY OF OREGON LIBRARY, Eugene, Ore.  
 UNIVERSITY OF PENNSYLVANIA, LIPPINCOTT LIBRARY, Philadel-  
 phia, Pa.  
 UNIVERSITY OF REDLANDS, Redlands, Cal.  
 UNIVERSITY OF ROCHESTER, RUSH RHEES LIBRARY, Rochester, N. Y.  
 UNIVERSITY OF SAN FRANCISCO, San Francisco, Cal.  
 UNIVERSITY OF SANTA CLARA, Santa Clara, Cal.  
 UNIVERSITY OF SOUTHERN CALIFORNIA—DEPARTMENT OF BANK-  
 ING AND FINANCE, Los Angeles, Cal.  
 UNIVERSITY OF SOUTHERN CALIFORNIA—DEPARTMENT OF INDUS-  
 TRIAL PSYCHOLOGY, Los Angeles, Cal.  
 UNIVERSITY OF SOUTHERN CALIFORNIA LIBRARY, Los Angeles, Cal.  
 UNIVERSITY OF SOUTHERN CALIFORNIA, TEACHING INSTITUTE OF  
 ECONOMICS, Los Angeles, Cal.  
 UNIVERSITY OF THE STATE OF NEW YORK (THE), THE STATE EDU-  
 CATION DEPARTMENT, Albany, N. Y.  
 UNIVERSITY OF TENNESSEE, Knoxville, Tenn.

UNIVERSITY OF TEXAS, Austin, Tex.  
UNIVERSITY OF TOLEDO LIBRARY (THE), Toledo, O.  
UNIVERSITY OF TORONTO, Toronto, Canada.  
UNIVERSITY OF TULSA (THE), Tulsa, Okla.  
UNIVERSITY OF UTAH, Salt Lake City, Utah.  
UNIVERSITY OF VIRGINIA, Charlottesville, Va.  
UNIVERSITY OF WASHINGTON, INSTITUTE OF LABOR ECONOMICS,  
Seattle, Wash.  
UNIVERSITY OF WASHINGTON LIBRARY, Seattle, Wash.  
UNIVERSITY OF WISCONSIN, Madison, Wis.  
UPSALA COLLEGE, East Orange, N. J.  
UTAH STATE AGRICULTURAL COLLEGE, Logan, Utah.  
VIRGINIA POLYTECHNIC INSTITUTE, Blacksburg, Va.  
VIRGINIA STATE LIBRARY, Richmond, Va.  
WASHINGTON UNIVERSITY LIBRARY, St. Louis, Mo.  
WAYNE UNIVERSITY LIBRARY, Detroit, Mich.  
WESTERN RESERVE UNIVERSITY, CLEVELAND COLLEGE LIBRARY,  
Cleveland, O.  
WICHITA CITY LIBRARY, Wichita, Kan.  
WILMINGTON INSTITUTE FREE LIBRARY (THE), Wilmington, Del.  
WISCONSIN (STATE OF) BUREAU OF PERSONNEL, Madison, Wis.  
YALE UNIVERSITY, New Haven, Conn.  
YALE UNIVERSITY LIBRARY, New Haven, Conn.



## VI

# ALPHABETICAL LIST OF ASSOCIATES OF THE CONFERENCE BOARD

(As of April 30, 1949)

A.P.W. PRODUCTS COMPANY, INC., Albany, N. Y.  
 ATF, INC., Elizabeth, N. J.  
 AB SVENSKA HANDELSBANKEN, Stockholm, Sweden.  
 ABBOTT LABORATORIES, North Chicago, Ill.  
 ABBOTTS DAIRIES INC., Philadelphia, Pa.  
 ABITIBI POWER & PAPER COMPANY, LIMITED, Toronto, Ontario, Canada.  
 ACACIA MUTUAL LIFE INSURANCE COMPANY, Washington, D. C.  
 ACE CARTON CORPORATION, Chicago, Ill.  
 ACME FAST FREIGHT, INC., New York City.  
 ACME STEEL COMPANY, Chicago, Ill.  
 ACME STEEL & MALLEABLE IRON WORKS, Buffalo, N. Y.  
 ACME VISIBLE RECORDS, INC., Chicago, Ill.  
 ADAM (FRANK) ELECTRIC COMPANY, St. Louis, Mo.  
 ADAMS (J. D.) MANUFACTURING CO., Indianapolis, Ind.  
 ADAMS & WESTLAKE COMPANY, Elkhart, Ind.  
 ADAMSON COMPANY, INC., East Palestine, O.  
 ADDRESSOGRAPH-MULTIGRAPH CORPORATION, Cleveland, O.  
 AERMOTOR COMPANY, Chicago, Ill.  
 AEROQUIP CORPORATION, Jackson, Mich.  
 AETNA LIFE INSURANCE COMPANY, Hartford, Conn.  
 AETNA OIL COMPANY, INC., Louisville, Ky.  
 AFRICAN METALS CORPORATION, New York City.  
 AGRICULTURAL INSURANCE COMPANY, Watertown, N. Y.  
 AIR CONTROL PRODUCTS, INC., Coopersville, Mich.  
 AIR REDUCTION COMPANY, INC., New York City.  
 AIRCRAFT-MARINE PRODUCTS, INC., Harrisburg, Pa.  
 AIRLINES PERSONNEL RELATIONS CONFERENCE, Washington, D. C.  
 AKRON PUBLIC LIBRARY, Akron, O.  
 ALABAMA DRY DOCK AND SHIPBUILDING CO., Mobile, Ala.  
 ALABAMA POWER COMPANY, Birmingham, Ala.  
 ALBEMARLE PAPER MANUFACTURING CO., Richmond, Va.  
 ALBION MALLEABLE IRON CO., Albion, Mich.  
 ALCO VALVE COMPANY, St. Louis, Mo.  
 ALDENS INC., Chicago, Ill.  
 ALEXANDER & ALEXANDER, INCORPORATED, New York City.  
 ALKAHN SILK LABEL CO., INC., New York City.  
 ALLEN-BRADLEY COMPANY, Milwaukee, Wis.  
 ALLEN IRON & STEEL CO. (THE), Norristown, Pa.  
 ALLEN MANUFACTURING COMPANY, Hartford, Conn.  
 ALLEN (W. D.) MANUFACTURING CO., Chicago, Ill.  
 ALLENTOWN-BETHLEHEM GAS COMPANY, Allentown, Pa.  
 ALLENTOWN PORTLAND CEMENT CO., Catasauqua, Pa.

ALLIED CHEMICAL & DYE CORPORATION, New York City.  
 ALLIED STORES CORPORATION, New York City.  
 ALLIS-CHALMERS MANUFACTURING COMPANY, Milwaukee, Wis.  
 ALLIS (LOUIS) CO. (THE), Milwaukee, Wis.  
 ALLOY STEEL PRODUCTS COMPANY, INC., Linden, N. J.  
 ALLSTATE INSURANCE COMPANY, Chicago, Ill.  
 ALPHA BETA FOOD MARKETS, INC., Los Angeles, Cal.  
 ALPHA PORTLAND CEMENT COMPANY, Easton, Pa.  
 ALTON BRICK COMPANY, Alton, Ill.  
 ALTORFER BROS. COMPANY, East Peoria, Ill.  
 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.  
 AMALGAMATED ELECTRIC CORPORATION LIMITED, Toronto, Ontario, Canada.  
 AMERADA PETROLEUM CORPORATION, New York City.  
 AMERICAN AIRLINES, INC., New York City.  
 AMERICAN APPRAISAL COMPANY, Milwaukee, Wis.  
 AMERICAN AUTOMOBILE INSURANCE COMPANY, St. Louis, Mo.  
 AMERICAN BAKERIES COMPANY, Atlanta, Ga.  
 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 BOILER & AFFILIATED INDUSTRIES, New York City.  
 AMERICAN BOOK COMPANY, New York City.  
 AMERICAN BOSCH CORPORATION, Springfield, Mass.  
 AMERICAN BRAKE SHOE COMPANY, New York City.  
 AMERICAN BRASS COMPANY (THE), Waterbury, Conn.  
 AMERICAN BUSINESS CREDIT CORPORATION, New York City.  
 AMERICAN CAN COMPANY, New York City.  
 AMERICAN CAR & FOUNDRY COMPANY, New York City.  
 AMERICAN CAST IRON PIPE COMPANY, Birmingham, Ala.  
 AMERICAN CHAIN AND CABLE COMPANY, INC., Bridgeport, Conn.  
 AMERICAN CHEMICAL PAINT COMPANY, Ambler, Pa.  
 AMERICAN CHICLE COMPANY, New York City.  
 AMERICAN COAL SALES ASSOCIATION, Washington, D. C.  
 AMERICAN COLORTYPE COMPANY, Chicago, Ill.  
 AMERICAN COTTON MANUFACTURERS ASSOCIATION, Charlotte, N. C.  
 AMERICAN CREOSOTING COMPANY, INC., Louisville, Ky.  
 AMERICAN CYANAMID COMPANY, New York City.  
 AMERICAN DISTILLING CO. (THE), New York City.  
 AMERICAN DYEWOOD COMPANY, New York City.  
 AMERICAN EDUCATION PRESS, INC., Columbus, O.  
 AMERICAN ENCAUSTIC TILING COMPANY, INC., Lansdale, Pa.  
 AMERICAN ENKA CORPORATION, Enka, N. C.  
 AMERICAN EXCELSIOR CORPORATION, Chicago, Ill.  
 AMERICAN EXPRESS COMPANY, New York City.  
 AMERICAN FACTORS, LIMITED, Honolulu, T. H.  
 AMERICAN FEDERATION OF HOSIERY WORKERS, Philadelphia, Pa.  
 AMERICAN FEDERATION OF LABOR, Washington, D. C.  
 AMERICAN FLANGE & MANUFACTURING CO., INC., New York City.  
 AMERICAN FORGING & SOCKET CO., Pontiac, Mich.  
 AMERICAN GAS ASSOCIATION, INC., New York City.



AMERICAN GAS AND ELECTRIC COMPANY, New York City.  
 AMERICAN GENERAL CORPORATION, New York City.  
 AMERICAN GREETING PUBLISHERS, INCORPORATED, Cleveland, O.  
 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, New York City.  
 AMERICAN HOSPITAL ASSOCIATION, Chicago, Ill.  
 AMERICAN HOSPITAL SUPPLY CORPORATION, Evanston, Ill.  
 AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC., New York City.  
 AMERICAN INSURANCE COMPANY (THE), Newark, N. J.  
 AMERICAN INTERNATIONAL UNDERWRITERS CORPORATION, New York City.  
 AMERICAN IRON & 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, New York City.  
 AMERICAN MANUFACTURING CO., Brooklyn, N. Y.  
 AMERICAN METER COMPANY, INC., Albany, N. Y.  
 AMERICAN MUTUAL ALLIANCE, Chicago, Ill.  
 AMERICAN MUTUAL LIABILITY INSURANCE COMPANY, Boston, Mass.  
 AMERICAN NEWS COMPANY, INC. (THE), New York City.  
 AMERICAN OAK LEATHER COMPANY (THE), Cincinnati, O.  
 AMERICAN OPTICAL COMPANY, Southbridge, Mass.  
 AMERICAN OPTICAL COMPANY, SCIENTIFIC INSTRUMENT DIVISION, Buffalo, N. Y.  
 AMERICAN PAPER AND PULP ASSOCIATION, New York City.  
 AMERICAN PETROLEUM INSTITUTE, New York City.  
 AMERICAN PHENOLIC CORPORATION, Chicago, Ill.  
 AMERICAN POTASH & CHEMICAL CORPORATION, Trona, Cal.  
 AMERICAN PULLEY COMPANY, Philadelphia, Pa.  
 AMERICAN RADIATOR & STANDARD SANITARY CORPORATION, Pittsburgh, Pa.  
 AMERICAN RAILWAY CAR INSTITUTE, New York City.  
 AMERICAN REENFORCED PAPER COMPANY, Attleboro, Mass.  
 AMERICAN REPUBLICS CORPORATION, Houston, Tex.  
 AMERICAN ROAD BUILDERS' ASSOCIATION, Washington, D. C.  
 AMERICAN SAFETY RAZOR CORPORATION, Brooklyn, N. Y.  
 AMERICAN SANITARY MANUFACTURING CO., Abingdon, Ill.  
 AMERICAN SCREW COMPANY (THE), Providence, R. I.  
 AMERICAN SEAL KAP CORPORATION, Long Island City, N. Y.  
 AMERICAN SEATING COMPANY, Grand Rapids, Mich.  
 AMERICAN SHIP BUILDING COMPANY (THE), Cleveland, O.  
 AMERICAN SILK MILLS, INC., New York City.  
 AMERICAN SMELTING AND REFINING COMPANY, New York City.  
 AMERICAN STEEL FOUNDRIES, Chicago, Ill.  
 AMERICAN STEEL AND PUMP CORPORATION, New York City.  
 AMERICAN STEEL WAREHOUSE ASSOCIATION, INC., Cleveland, O.  
 AMERICAN STERILIZER COMPANY, Erie, Pa.  
 AMERICAN SUGAR REFINING COMPANY, New York City.  
 AMERICAN TELEPHONE AND TELEGRAPH COMPANY, New York City.  
 AMERICAN THREAD COMPANY (THE), INCORPORATED, New York City.  
 AMERICAN TOBACCO COMPANY (THE), 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 VISCOSSE CORPORATION, Philadelphia, Pa.  
 AMERICAN WHEELABRATOR & EQUIPMENT CORP., Mishawaka, Ind.  
 AMERICAN ZINC, LEAD & SMELTING COMPANY, St. Louis, Mo.  
 AMES BALDWIN WYOMING CO., Parkersburg, W. Va.  
 AMES (W.) & Co., Jersey City, N. J.  
 ANACONDA COPPER MINING COMPANY, New York City.  
 ANACONDA WIRE & CABLE COMPANY, New York City.  
 ANDALE COMPANY, Philadelphia, Pa.  
 ANDERSEN (ARTHUR) & COMPANY, Chicago, Ill.  
 ANDERSEN (ARTHUR) & Co., New York City.  
 ANDERSON COMPANY (THE), Gary, Ind.  
 ANDERSON-PRICHARD OIL CORPORATION, Oklahoma City, Okla.  
 ANGELINA COUNTY LUMBER COMPANY, Keltys, Tex.  
 ANHEUSER-BUSCH, INC., St. Louis, Mo.  
 ANTHES-IMPERIAL LIMITED, St. Catharines, Ontario, Canada.  
 ANTHRACITE INSTITUTE, Wilkes-Barre, Pa.  
 ANTI-FRICTION BEARING MANUFACTURERS ASSOCIATION, INC., New York City.  
 APEX SMELTING COMPANY, Chicago, Ill.  
 APPALACHIAN COALS, INC., Cincinnati, O.  
 APPLETON COATED PAPER CO. (THE), Appleton, Wis.  
 APPLETON WIRE WORKS, INC., Appleton, Wis.  
 APPLETON WOOLEN MILLS, Appleton, Wis.  
 APPONAUG COMPANY, Apponaug, R. I.  
 ARABIAN AMERICAN OIL COMPANY, New York City.  
 ARCOS CORPORATION, Philadelphia, Pa.  
 ARENCO MACHINE COMPANY, INC., New York City.  
 ARGONNE NATIONAL LABORATORY, Chicago, Ill.  
 ARGUS, INCORPORATED, Ann Arbor, Mich.  
 ARKANSAS LOUISIANA GAS COMPANY, Shreveport, La.  
 ARMCO STEEL CORPORATION, Middletown, O.  
 ARMOUR AND COMPANY, Chicago, Ill.  
 ARMSTRONG Co. (THE), Detroit, Mich.  
 ARMSTRONG CORK COMPANY, Lancaster, Pa.  
 ARMSTRONG (GEORGE S.) & Co., INC., New York City.  
 ARMSTRONG RUBBER COMPANY (THE), West Haven, Conn.  
 ARNOLD, HOFFMAN & Co., INC., Providence, R. I.  
 ARO EQUIPMENT CORPORATION (THE), Bryan, O.  
 ARROW-HART & HEGEMAN ELECTRIC COMPANY, Hartford, Conn.  
 ARTLOOM CARPET COMPANY, INC., Philadelphia, Pa.  
 ART METAL CONSTRUCTION COMPANY, Jamestown, N. Y.  
 ASIATIC PETROLEUM CORPORATION, New York City.  
 ASSOCIATED INDUSTRIES (THE), Cleveland, O.  
 ASSOCIATED INDUSTRIES OF HIGH POINT, INC., High Point, N. C.  
 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 MERCHANDISING CORPORATION, New York City.  
 ASSOCIATED SPRING CORPORATION, Bristol, Conn.  
 ASSOCIATED TRANSPORT, INC., New York City.



ASSOCIATION OF AMERICAN RAILROADS, Washington, D. C.  
 ASSOCIATION OF AMERICAN SOAP & GLYCERINE PRODUCERS, INC., New York City.  
 ASSOCIATION OF CASUALTY & SURETY COMPANIES, New York City.  
 ASSOCIATION OF CONSULTING MANAGEMENT ENGINEERS, INC., New York City.  
 ATCHISON, TOPEKA AND SANTA FE RAILWAY SYSTEM (THE), Chicago, Ill.  
 ATKINS (E. C.) AND COMPANY, Indianapolis, Ind.  
 ATLANTIC MUTUAL INSURANCE COMPANY, New York City.  
 ATLANTIC REFINING COMPANY, Philadelphia, Pa.  
 ATLANTIC STEEL COMPANY, Atlanta, Ga.  
 ATLAS-BOXMAKERS, INC., Chicago, Ill.  
 ATLAS CORPORATION, New York City.  
 ATLAS POWDER COMPANY, Wilmington, Del.  
 ATLAS STEELS, LIMITED, Welland, Ontario, Canada.  
 AUBURN BUTTON WORKS, INC., Auburn, N. Y.  
 AUDIENCE RESEARCH, INC., Princeton, N. J.  
 AUSTRALIAN CONSULATE-GENERAL, New York City.  
 AUTOMATIC CANTEEN COMPANY OF AMERICA, Chicago, Ill.  
 AUTOMATIC ELECTRIC COMPANY, Chicago, Ill.  
 AUTOMATIC VOTING MACHINE CORPORATION, Jamestown, N. Y.  
 AUTOMOBILE MANUFACTURERS ASSOCIATION, Detroit, Mich.  
 AUTOMOTIVE & AVIATION PARTS MANUFACTURERS, INC., Detroit, Mich.  
 AVCO MANUFACTURING CORPORATION, New York City.  
 AVERY (B. F.) & SONS COMPANY, Louisville, Ky.  
 AVOSET COMPANY, San Francisco, Cal.  
 AYRES (L. S.) AND COMPANY, Indianapolis, Ind.

BABCOCK & WILCOX Co., New York City.  
 BACHARACH INDUSTRIAL INSTRUMENT COMPANY, Pittsburgh, Pa.  
 BADGER CARTON COMPANY, Milwaukee, Wis.  
 BAILEY (H. L.), New York City.  
 BAILEY METER COMPANY, Cleveland, O.  
 BAKER & COMPANY, INC., Newark, N. J.  
 BAKER CASTOR OIL COMPANY (THE), New York City.  
 BAKER, FENTRESS & COMPANY, Chicago, Ill.  
 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, INC., Muncie, Ind.  
 BALLANTINE (P.) & SONS, Newark, N. J.  
 BALLOU (B. A.) & Co., INC., Providence, R. I.  
 BALMAR CORPORATION (THE), Baltimore, Md.  
 BALTIC MILLS COMPANY, Providence, R. I.  
 BALTIMORE AND OHIO RAILROAD COMPANY, Baltimore, Md.  
 BANK OF AMERICA NATIONAL TRUST AND SAVINGS ASSOCIATION, San Francisco, Cal.  
 BANK OF MONTREAL, Montreal, Quebec, Canada.  
 BANK OF NEW YORK AND FIFTH AVENUE BANK, 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.  
 BARNES (W. F. AND JOHN) COMPANY, Rockford, Ill.

BARRE WOOL COMBING COMPANY, LTD., Boston, Mass.  
 BARRETT ASSOCIATES INC., New York City.  
 BARROW, WADE, GUTHRIE & Co., New York City.  
 BARRY-WEHMLER MACHINERY COMPANY, St. Louis, Mo.  
 BARTLETT (THE C. O.) & SNOW Co., Cleveland, O.  
 BARTMANN & BIXER, INC., Clifton, N. J.  
 BARTRAM BROTHERS CORPORATION, New York City.  
 BASIC REFRACTORIES, INC., Cleveland, O.  
 BASTIAN-BLESSING COMPANY, Chicago, Ill.  
 BATA SHOE Co., LTD., Calcutta, India.  
 BATES MANUFACTURING COMPANY, Lewiston, Me.  
 BATES MANUFACTURING COMPANY, Orange, N. J.  
 BATH IRON WORKS CORPORATION, Bath, Me.  
 BATTELLE MEMORIAL INSTITUTE, Columbus, O.  
 BAUSCH & LOMB OPTICAL Co., Rochester, N. Y.  
 BAY CHEMICAL COMPANY, INC., New Orleans, La.  
 BAY STATE TAP AND DIE COMPANY, Mansfield, Mass.  
 BAYLOR UNIVERSITY, Waco, Tex.  
 BAYUK CIGARS, INC., Philadelphia, Pa.  
 BEACON MILLING COMPANY, INC., Cayuga, N. Y.  
 BEAR MILL MANUFACTURING Co., INC., New York City.  
 BEATRICE FOODS COMPANY, Chicago, Ill.  
 BEAUMONT, HELLER & SPERLING, INCORPORATED, Reading, Pa.  
 BEAVER PIPE TOOLS, INC., Warren, O.  
 BECK (CHARLES) MACHINE CORPORATION, Philadelphia, Pa.  
 BECTON, DICKINSON & Co., 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 & HOWELL COMPANY, Chicago, Ill.  
 BELLE CITY MALLEABLE IRON COMPANY, Racine, Wis.  
 BELMONT SMELTING & REFINING WORKS, INC., Brooklyn, N. Y.  
 BELNAP, L. J., Montreal, Canada.  
 BELOIT FOUNDRY COMPANY, Beloit, Wis.  
 BELOIT IRON WORKS, Beloit, Wis.  
 BEMIS BRO. BAG Co., St. Louis, Mo.  
 BENDIX AVIATION CORPORATION, South Bend, Ind.  
 BENDIX AVIATION CORPORATION, ECLIPSE MACHINE DIVISION, Elmira, N. Y.  
 BENDIX AVIATION CORPORATION, RADIO DIVISION, Baltimore, Md.  
 BENJAMIN ELECTRIC MFG. COMPANY, Des Plaines, Ill.  
 BENNETT-IRELAND, INC., Norwich, N. Y.  
 BENRUS WATCH COMPANY, Waterbury, Conn.  
 BENTON & BOWLES, INC., New York City.  
 BERDON (DAVID) & Co., New York City.  
 BERGER BROTHERS COMPANY, INC., New Haven, Conn.  
 BERGSTROM PAPER COMPANY, Neenah, Wis.  
 BERKS COUNTY TRUST COMPANY, Reading, Pa.  
 BERKSHIRE FINE SPINNING ASSOCIATES, INC., Providence, R. I.  
 BERKSHIRE KNITTING MILLS, Reading, Pa.  
 BERRY SEED COMPANY, Clarinda, Ia.



BERWIND-WHITE COAL MINING Co., New York City.  
 BERYLLIUM CORPORATION (THE), Reading, Pa.  
 BESSEMER LIMESTONE AND CEMENT Co. (THE), Youngstown, O.  
 BEST FOODS, INC., (THE), New York City.  
 BETHANY COLLEGE, Bethany, W. Va.  
 BETHLEHEM STEEL COMPANY, INC., Bethlehem, Pa.  
 BETTENDORF COMPANY (THE), Bettendorf, Ia.  
 BEVERIDGE PAPER COMPANY (THE), Indianapolis, Ind.  
 BIBB MANUFACTURING COMPANY, Macon, Ga.  
 BIGELOW COMPANY, New Haven, Conn.  
 BIGELOW-SANFORD CARPET Co., INC., New York City.  
 BIJUR LUBRICATING CORPORATION, Long Island City, N. Y.  
 BILL BROTHERS PUBLISHING CORPORATION, New York City.  
 BILLINGS AND SPENCER COMPANY (THE), Hartford, Conn.  
 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.  
 BLACKSTONE CORPORATION, Jamestown, N. Y.  
 BLANCHARD (WM. L.) Co., Newark, N. J.  
 BLAW-KNOX COMPANY, Pittsburgh, Pa.  
 BLOCH BROTHERS TOBACCO Co., Wheeling, W. Va.  
 BLOCKSOM & COMPANY, Michigan City, Ind.  
 BLOEDEL, STEWART & WELCH LIMITED, Vancouver, British Columbia, Canada.  
 BLOOMFIELD BANK AND TRUST COMPANY (THE), Bloomfield, N. J.  
 BLOOMINGDALE BROS., INC., New York City.  
 BLOOMSBURG MILLS, INC., New York City.  
 BLUE BELL, INC., Greensboro, N. C.  
 BLUE DIAMOND CORPORATION, Los Angeles, Cal.  
 BLUE SWAN MILLS—DIVISION OF MCKAY PRODUCTS CORPORATION, Sayre, Pa.  
 BLUMENTHAL (SIDNEY) & Co., INC., New York City.  
 BOATMEN'S NATIONAL BANK OF SAINT LOUIS (THE), St. Louis, Mo.  
 BOEING AIRPLANE COMPANY, Seattle, Wash.  
 BOLLMAN (GEO. W.) & Co., Adamstown, Pa.  
 BOLTON (JOHN W.) & SONS, INC., Lawrence, Mass.  
 BOOK MANUFACTURERS' INSTITUTE, INC., New York City.  
 BOOK-OF-THE-MONTH CLUB, INC., New York City.  
 BOOTT MILLS, Boston, Mass.  
 BOOZ, ALLEN & HAMILTON, Chicago, Ill.  
 BORDEN COMPANY, New York City.  
 BORG-WARNER CORPORATION, Chicago, Ill.  
 BOSCH (GEORGE) & COMPANY, INC., New York City.  
 BOSTON EDISON COMPANY, Boston, Mass.  
 BOSTON FIDUCIARY AND RESEARCH ASSOCIATES, Boston, Mass.  
 BOSTON GLOBE, Boston, Mass.  
 BOSTON PUBLIC LIBRARY, Boston, Mass.  
 BOSTON UNIVERSITY, Boston, Mass.  
 BOSTON WIRE STITCHER COMPANY, Westerly, R. I.  
 BOSTROM MANUFACTURING COMPANY, Milwaukee, Wis.  
 BOTANY MILLS, INC., Passaic, N. J.  
 BOVAIRD & SAYFANG MFG. Co., Bradford, Pa.  
 BOWLING GREEN STATE UNIVERSITY, Bowling Green, O.  
 BOWSER, INC., Fort Wayne, Ind.  
 BRACH (E. J.) AND SONS, Chicago, Ill.

BRADEN WINCH COMPANY, Tulsa, Okla.  
 BRADFORD DYEING ASSOCIATION (U.S.A.), Westerly, R. I.  
 BRADLEY UNIVERSITY, Peoria, Ill.  
 BRANDEIS (J. L.) & SONS, Omaha, Neb.  
 BRAUN CORPORATION, Los Angeles, Cal.  
 BRECK (JOHN H.), INC., Springfield, Mass.  
 BRENNAN (THE CHARLES W.) COMPANY, Cincinnati, O.  
 BREWER-TITCHENER CORPORATION (THE), Cortland, N. Y.  
 BREWERS' WAREHOUSING COMPANY LIMITED, Toronto, Ontario, Canada.  
 BRIDGEPORT BRASS COMPANY, Bridgeport, Conn.  
 BRIDGEPORT CHAMBER OF COMMERCE, 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.  
 BRITISH AMERICAN OIL COMPANY LIMITED (THE), Toronto, Ontario, Canada.  
 BRITISH COLUMBIA ELECTRIC RAILWAY COMPANY, LIMITED, Vancouver, British Columbia, Canada.  
 BRITISH INSTITUTE OF MANAGEMENT (THE), London, England.  
 BRITISH LIBRARY OF POLITICAL AND ECONOMIC SCIENCE, London, England.  
 BROAD BROOK COMPANY, Broad Brook, Conn.  
 BROOKLYN BOROUGH GAS COMPANY, Brooklyn, N. Y.  
 BROOKLYN CHAMBER OF COMMERCE, Brooklyn, N. Y.  
 BROOKLYN PUBLIC LIBRARY, Brooklyn, N. Y.  
 BROOKLYN STANDARD BAG CORPORATION, New York City.  
 BROOKLYN TRUST COMPANY, Brooklyn, N. Y.  
 BROOKLYN UNION GAS COMPANY, Brooklyn, N. Y.  
 BROSIUS (EDGAR E.) COMPANY, INC., Pittsburgh, Pa.  
 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 & BIGELOW, St. Paul, Minn.  
 BROWN & SHARPE MFG. CO., Providence, R. I.  
 BROWN BROTHERS HARRIMAN & CO., New York City.  
 BROWN COMPANY, New York City.  
 BROWN INSTRUMENT COMPANY (THE), Philadelphia, Pa.  
 BROWN UNIVERSITY LIBRARY, Providence, R. I.  
 BRUNDAGE, STORY AND ROSE, New York City.  
 BRUNSWICK-BALKE-COLLENDER COMPANY (THE), Chicago, Ill.  
 BRUSH DEVELOPMENT COMPANY (THE), Cleveland, O.  
 BRYANT HEATER COMPANY, Cleveland, O.  
 BUCKEYE FOUNDRY COMPANY, Cincinnati, O.  
 BUCKEYE STEEL CASTINGS COMPANY, Columbus, O.  
 BUCKNELL UNIVERSITY, Lewisburg, Pa.  
 BUCYRUS-ERIE COMPANY, South Milwaukee, Wis.  
 BUDA COMPANY (THE), Harvey, Ill.  
 BUDD COMPANY (THE), Philadelphia, Pa.  
 BUESCHER BAND INSTRUMENT COMPANY, Elkhart, Ind.  
 BUFFALO BOLT COMPANY, North Tonawanda, N. Y.  
 BUFFALO CHAMBER OF COMMERCE, Buffalo, N. Y.  
 BUFFALO PUBLIC LIBRARY, Buffalo, N. Y.  
 BULLARD COMPANY, Bridgeport, Conn.



BULLDOG ELECTRIC PRODUCTS Co., Detroit, Mich.  
 BULLOCK (CALVIN), New York City.  
 BULOVA WATCH COMPANY, New York City.  
 BUNKER HILL & SULLIVAN MINING AND CONCENTRATING COMPANY, Kellogg, Id.  
 BUNTING BRASS & BRONZE COMPANY, Toledo, O.  
 BUREAU OF GOVERNMENTAL RESEARCH, Detroit, Mich.  
 BUREAU OF INFORMATION OF THE EASTERN RAILWAYS, New York City.  
 BUREAU OF INFORMATION OF THE SOUTHEASTERN RAILWAYS, Washington, D. C.  
 BUREAU OF NATIONAL AFFAIRS, Inc., Washington, D. C.  
 BURKE ELECTRIC COMPANY, Erie, Pa.  
 BURLINGTON MILLS CORPORATION, Greensboro, N. C.  
 BURNDY ENGINEERING COMPANY, Inc., New York City.  
 BURNS (JABEZ) & SONS, Inc., New York City.  
 BURROUGHS ADDING MACHINE COMPANY, Detroit, Mich.  
 BURROUGHS WELLCOME & Co., Inc., New York City.  
 BURSON KNITTING COMPANY, Rockford, Ill.  
 BUSINESS FORMS INSTITUTE, New York City.  
 BUSINESS RESEARCH CORPORATION, Chicago, Ill.  
 BUTLER BROTHERS, Chicago, Ill.  
 BUTLER MANUFACTURING COMPANY, Kansas City, Mo.  
 BYERS (A. M.) COMPANY, Pittsburgh, Pa.  
 BYERS MACHINE COMPANY (THE), Ravenna, O.  
 BYOIR (CARL) & ASSOCIATES, Inc., New York City.  
 BYRNE ORGANIZATION (THE), Cincinnati, O.  
  
 C. I. T. FINANCIAL CORPORATION, New York City.  
 CABOT (GODFREY L.), Inc., Boston, Mass.  
 CADILLAC MALLEABLE IRON COMPANY, Cadillac, Mich.  
 CAFRITZ COMPANY, Washington, D. C.  
 CAHILL, GORDON, ZACHRY & REINDEL, New York City.  
 CALIFORNIA BANK, Los Angeles, Cal.  
 CALIFORNIA BARREL COMPANY, LTD., San Francisco, Cal.  
 CALIFORNIA COTTON OIL CORPORATION, Los Angeles, Cal.  
 CALIFORNIA (STATE OF), DEPT. OF EDUCATION, BUREAU OF TRADE AND INDUSTRIAL  
 EDUCATION, Los Angeles, Cal.  
 CALIFORNIA (STATE OF)—DIVISION OF LABOR STATISTICS AND RESEARCH, San  
 Francisco, Cal.  
 CALIFORNIA FARM BUREAU FEDERATION, Berkeley, Cal.  
 CALIFORNIA FRUIT GROWERS EXCHANGE, Los Angeles, Cal.  
 CALIFORNIA AND HAWAIIAN SUGAR REFINING CORPORATION, LTD., San Francisco,  
 Cal.  
 CALIFORNIA INSTITUTE OF TECHNOLOGY, Pasadena, Cal.  
 CALIFORNIA MANUFACTURERS ASSOCIATION, Los Angeles, Cal.  
 CALIFORNIA PACKING CORPORATION, San Francisco, Cal.  
 CALIFORNIA STATE CHAMBER OF COMMERCE, San Francisco, Cal.  
 CALIFORNIA STATE LIBRARY, Sacramento, Cal.  
 CALLAWAY MILLS COMPANY, La Grange, Ga.  
 CAMBRIDGE INSTRUMENT COMPANY, Inc., New York City.  
 CAMBRIDGE TILE MFG. Co. (THE), Cincinnati, O.  
 CAMERON IRON WORKS, Inc., Houston, Tex.  
 CAMERON (WM.) & Co., Inc., Waco, Tex.  
 CAMFIELD MANUFACTURING COMPANY, Grand Haven, Mich.  
 CAMPBELL BOX AND TAG COMPANY, South Bend, Ind.  
 CAMPBELL-EWALD COMPANY, Detroit, Mich.

CAMPBELL SOUP COMPANY, Camden, N. J.  
 CAMPBELL, WYANT & CANNON FOUNDRY COMPANY, Muskegon, Mich.  
 CANADA DRY GINGER ALE, INC., New York City.  
 CANADIAN CHAMBER OF COMMERCE (THE), Montreal, Canada.  
 CANADIAN CORPORATIONS LIMITED, Montreal, Quebec, Canada.  
 CANADIAN INDUSTRIES LIMITED, Montreal, Canada.  
 CANADIAN INTERNATIONAL PAPER COMPANY, Montreal, Quebec, Canada.  
 CANADIAN MANUFACTURERS ASSOCIATION, INC., Toronto, Canada.  
 CANADIAN PACIFIC RAILWAY COMPANY, Montreal, Canada.  
 CANADIAN PRATT & WHITNEY AIRCRAFT COMPANY LIMITED, Longueuil, Quebec, Canada.  
 CANADIAN WESTERN NATURAL GAS COMPANY LIMITED, Calgary, Alberta, Canada.  
 CANADIAN WESTINGHOUSE COMPANY LIMITED, Hamilton, Ontario, Canada.  
 CANNON ELECTRIC DEVELOPMENT COMPANY, Los Angeles, Cal.  
 CANTON COTTON MILLS, Canton, Ga.  
 CANTON PUBLIC LIBRARY ASSOCIATION, Canton, O.  
 CAPEWELL MANUFACTURING COMPANY, Hartford, Conn.  
 CAPITAL TRANSIT COMPANY, Washington, D. C.  
 CAPITOL RECORDS, INC., Hollywood, Cal.  
 CARBON LIMESTONE COMPANY (THE), Youngstown, O.  
 CARBORUNDUM COMPANY, Niagara Falls, N. Y.  
 CAREY (PHILIP) MANUFACTURING COMPANY (THE), Cincinnati, O.  
 CARGILL, INCORPORATED, Minneapolis, Minn.  
 CARNATION COMPANY, Los Angeles, Cal.  
 CARNEGIE INSTITUTE OF TECHNOLOGY, Pittsburgh, Pa.  
 CARNEGIE LIBRARY OF PITTSBURGH, Pittsburgh, Pa.  
 CARPENTER STEEL COMPANY, Reading, Pa.  
 CARPET INSTITUTE, INC., New York City.  
 CARR-CONSOLIDATED BISCUIT COMPANY, Wilkes-Barre, Pa.  
 CARRIER CORPORATION, Syracuse, N. Y.  
 CARTER (THE WILLIAM) COMPANY, Needham Heights, Mass.  
 CARTHAGE MILLS INCORPORATED, Cincinnati, O.  
 CASE INSTITUTE OF TECHNOLOGY, Cleveland, O.  
 CASE (J. I.) COMPANY, Racine, Wis.  
 CASTLE & COOKE, LIMITED, Honolulu, Hawaii.  
 CASTLE & COOKE TERMINALS, LIMITED, Honolulu, T. H.  
 CATERPILLAR TRACTOR CO., Peoria, Ill.  
 CATLIN FARISH CO., INC., New York City.  
 CAXTON PRINTERS, LTD. (THE), Caldwell, Ida.  
 CAYUGA ROCK SALT COMPANY, INC., Myers, N. Y.  
 CECO STEEL PRODUCTS CORPORATION, Cicero, Ill.  
 CELANESE CORPORATION OF AMERICA, New York City.  
 CELOTEX CORPORATION (THE), Chicago, Ill.  
 CENTENNIAL FLOURING MILLS CO., Seattle, Wash.  
 CENTRAAL SOCIAAL WERKGEVERS-VERBOND, 'S-Gravenhage, Netherlands.  
 CENTRAL ARIZONA LIGHT AND POWER COMPANY, Phoenix, Ariz.  
 CENTRAL FOUNDRY CO. (THE), New York City.  
 CENTRAL HANOVER BANK AND TRUST COMPANY, New York City.  
 CENTRAL HUDSON GAS & ELECTRIC CORPORATION, Poughkeepsie, N. Y.  
 CENTRAL ILLINOIS ELECTRIC AND GAS CO., Rockford, Ill.  
 CENTRAL NATIONAL BANK OF CLEVELAND, Cleveland, O.  
 CENTRAL PENNSYLVANIA COAL PRODUCERS' ASSOCIATION, Altoona, Pa.  
 CENTRAL POWER AND LIGHT COMPANY, Corpus Christi, Tex.  
 CENTRAL SOYA CO., INC., Fort Wayne, Ind.



CENTRAL STEEL & WIRE Co., Chicago, Ill.  
 CENTRAL TRUST COMPANY, Cincinnati, O.  
 CENTRAL VIRGINIA INDUSTRIES, INC., Lynchburg, Va.  
 CENTRE D'ETUDES INDUSTRIELLES, Geneva, Switzerland.  
 CENTURY ELECTRIC COMPANY, St. Louis, Mo.  
 CESSNA AIRCRAFT COMPANY (THE), Wichita, Kan.  
 CHADBOURNE, WILLIAM M., New York City.  
 CHAIN BELT COMPANY, Milwaukee, Wis.  
 CHAMBELLAN, BERGER & WELTI, New York City.  
 CHAMBER OF COMMERCE AND BOARD OF TRADE OF PHILADELPHIA, Philadelphia, Pa.  
 CHAMBER OF COMMERCE OF THE UNITED STATES OF AMERICA, Washington, D. C.  
 CHAMPION DEARMENT TOOL CO., Meadville, Pa.  
 CHAMPION LAMP WORKS, Lynn, Mass.  
 CHAMPION PAPER AND FIBRE COMPANY, Canton, N. C.  
 CHAMPION SPARK PLUG COMPANY, Toledo, O.  
 CHANCE (A. B.) Co., Centralia, Mo.  
 CHAPMAN VALVE MANUFACTURING COMPANY, Indian Orchard, Mass.  
 CHARIS CORPORATION, Allentown, Pa.  
 CHASE BAG COMPANY, New York City.  
 CHASE NATIONAL BANK OF THE CITY OF NEW YORK, New York City.  
 CHATTANOOGA MEDICINE COMPANY, Chattanooga, Tenn.  
 CHATTANOOGA PUBLIC LIBRARY, Chattanooga, Tenn.  
 CHEMICAL BANK & TRUST COMPANY, New York City.  
 CHEMICAL RUBBER Co. (THE), Cleveland, O.  
 CHENEY BROTHERS, Manchester, Conn.  
 CHERRY-BURRELL CORPORATION, Chicago, Ill.  
 CHESAPEAKE AND OHIO RAILWAY COMPANY, Cleveland, O.  
 CHESEBROUGH MANUFACTURING COMPANY, CONS'D, New York City.  
 CHICAGO BRIDGE & IRON COMPANY, Chicago, Ill.  
 CHICAGO, BURLINGTON & QUINCY RAILROAD COMPANY, Chicago, Ill.  
 CHICAGO DISTRICT ELECTRIC GENERATING CORP., Chicago, Ill.  
 CHICAGO EXTRUDED METALS COMPANY, Cicero, Ill.  
 CHICAGO HARDWARE FOUNDRY COMPANY, North Chicago, Ill.  
 CHICAGO, INDIANAPOLIS AND LOUISVILLE RAILWAY COMPANY, Chicago, Ill.  
 CHICAGO JOURNAL OF COMMERCE, Chicago, Ill.  
 CHICAGO METAL HOSE CORPORATION, Maywood, Ill.  
 CHICAGO AND NORTH WESTERN RAILWAY COMPANY, Chicago, Ill.  
 CHICAGO PUBLIC LIBRARY, Chicago, Ill.  
 CHICAGO RAILWAY EQUIPMENT COMPANY, Chicago, Ill.  
 CHICAGO ROLLER SKATE COMPANY, Chicago, Ill.  
 CHICAGO TITLE & TRUST COMPANY, Chicago, Ill.  
 CHICAGO TRANSFORMER DIVISION—ESSEX WIRE CORPORATION, Chicago, Ill.  
 CHICAGO, WILMINGTON & FRANKLIN COAL COMPANY, Chicago, Ill.  
 CHICOPEE MANUFACTURING CORPORATION, New Brunswick, N. J.  
 CHILDS (C. F.) AND COMPANY, Chicago, Ill.  
 CHILDS COMPANY, New York City.  
 CHILE EXPLORATION COMPANY, New York City.  
 CHILTON COMPANY, Philadelphia, Pa.  
 CHRYSLER CORPORATION, Detroit, Mich.  
 CHRYSLER CORPORATION OF CANADA, LIMITED, Windsor, Ontario, Canada.  
 CHUBB & SON, New York City.  
 CHURCH & DWIGHT Co., INC., New York City.  
 CIBA PHARMACEUTICAL PRODUCTS, INC., Summit, N. J.  
 CIBA STATES, LIMITED, New York City.

CINCINNATI BICKFORD TOOL COMPANY, Cincinnati, O.  
 CINCINNATI CHEMICAL WORKS, INC., Cincinnati, O.  
 CINCINNATI GAS AND ELECTRIC COMPANY (THE), Cincinnati, O.  
 CINCINNATI INDUSTRIAL INSTITUTE, Cincinnati, O.  
 CINCINNATI INDUSTRIES INC., Lockland, O.  
 CINCINNATI MILLING MACHINE Co., Cincinnati, O.  
 CINCINNATI PLANER Co., Cincinnati, O.  
 CINCINNATI TOOL COMPANY (THE), Cincinnati, O.  
 CITIZENS BUDGET Co. OF YOUNGSTOWN, OHIO, INC., Youngstown, O.  
 CITIZENS FOUNDATION, INC. (THE), Syracuse, N. Y.  
 CITIZENS NATIONAL TRUST & SAVINGS BANK, Los Angeles, Cal.  
 CITY BAKING COMPANY, Baltimore, Md.  
 CITY COLLEGE OF NEW YORK (THE), New York City.  
 CITY NATIONAL BANK AND TRUST COMPANY OF CHICAGO, Chicago, Ill.  
 CITY PUBLIC SERVICE BOARD, San Antonio, Tex.  
 CLAREMONT COLLEGE LIBRARY, Claremont, Cal.  
 CLARK BROTHERS Co., INC., Olean, N. Y.  
 CLARK CONTROLLER COMPANY (THE), Cleveland, O.  
 CLARK EQUIPMENT COMPANY, Buchanan, Mich.  
 CLARKSON COLLEGE OF TECHNOLOGY, Potsdam, N. Y.  
 CLEARING MACHINE CORPORATION, Chicago, Ill.  
 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 HEATER COMPANY (THE), Cleveland, O.  
 CLEVELAND PUBLIC LIBRARY, Cleveland, O.  
 CLEVELAND TRUST COMPANY, Cleveland, O.  
 CLEVELAND TWIST DRILL Co. (THE), Cleveland, O.  
 CLIFTON PAPER BOARD COMPANY, INC., Clifton, N. J.  
 CLIMAX MOLYBDENUM COMPANY, New York City.  
 CLIPPER MANUFACTURING Co. (THE), Kansas City, Mo.  
 CLOW (JAMES B.) & SONS, Chicago, Ill.  
 CLUB ALUMINUM PRODUCTS Co., Chicago, Ill.  
 CLUETT, PEABODY & Co., INC., Troy, N. Y.  
 COCA-COLA COMPANY, Atlanta, Ga.  
 COHEN GOLDMAN & COMPANY, INC., New York City.  
 COLGATE-PALMOLIVE-PEET COMPANY, Jersey City, N. J.  
 COLGATE UNIVERSITY LIBRARY, Hamilton, N. Y.  
 COLLEGE OF WILLIAM AND MARY, Williamsburg, Va.  
 COLLINS & AIKMAN CORPORATION, New York City.  
 COLLINS Co. (THE), Collinsville, Conn.  
 COLONIAL STORES INCORPORATED, Atlanta, Ga.  
 COLORADO FUEL AND IRON CORPORATION, Denver, Colo.  
 COLSON (U. O.) COMPANY, Paris, Ill.  
 COLT'S MANUFACTURING Co., Hartford, Conn.  
 COLUMBIA BROADCASTING SYSTEM, INC., New York City.  
 COLUMBIA GAS SYSTEM, INC., New York City.  
 COLUMBIA MILLS, INC. (THE), Syracuse, N. Y.  
 COLUMBIA RECORDING CORPORATION, Bridgeport, Conn.  
 COLUMBIA UNIVERSITY, New York City.  
 COLUMBIAN CARBON COMPANY, New York City.  
 COLUMBIAN ROPE COMPANY, Auburn, N. Y.  
 COLUMBUS AND SOUTHERN OHIO ELECTRIC COMPANY, Columbus, O.



COLUMBUS BOLT & FORGING Co., Columbus, O.  
 COLUMBUS MCKINNON CHAIN CORPORATION, Tonawanda, N. Y.  
 COMBUSTION ENGINEERING-SUPERHEATER, INC., New York City.  
 COMMERCE AND INDUSTRY ASSOCIATION OF NEW YORK, INC., New York City.  
 COMMERCIAL CREDIT COMPANY, Baltimore, Md.  
 COMMERCIAL NATIONAL BANK AND TRUST COMPANY OF NEW YORK, New York City.  
 COMMERCIAL SOLVENTS CORPORATION, New York City.  
 COMMERCIAL UNION ASSURANCE COMPANY LIMITED, New York City.  
 COMMITTEE FOR CONSTITUTIONAL GOVERNMENT, New York City.  
 COMMONWEALTH & SOUTHERN CORPORATION, New York City.  
 COMMONWEALTH EDISON COMPANY, Chicago, Ill.  
 COMMUNICATION WORKERS OF AMERICA, New York City.  
 COMMUNICATIONS WORKERS OF AMERICA, Washington, D. C.  
 COMMUNITY CHESTS AND COUNCILS, INC., New York City.  
 COMPTON ADVERTISING, INC., New York City.  
 CONDÉ NAST PUBLICATIONS, INC., New York City.  
 CONE EXPORT & COMMISSION Co., INC., New York City.  
 CONE MILLS CORPORATION, Greensboro, N. C.  
 CONGOLEUM-NAIRN INC., Kearny, N. J.  
 CONGRESS OF INDUSTRIAL ORGANIZATIONS, Washington, D. C.  
 CONKEY (W. B.) COMPANY, Hammond, Ind.  
 CONMAR PRODUCTS CORPORATION, Newark, N. J.  
 CONN (C. G.) LTD., Elkhart, Ind.  
 CONNECTICUT (STATE OF) DEVELOPMENT COMMISSION, 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.  
 CONNORS STEEL COMPANY, Birmingham, Ala.  
 CONOVER-MAST CORPORATION, New York City.  
 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 MOLDED PRODUCTS CORPORATION, Scranton, Pa.  
 CONSOLIDATED NATURAL GAS COMPANY, New York City.  
 CONSOLIDATED VULTEE AIRCRAFT CORPORATION, San Diego, Cal.  
 CONSTANGY, FRANK A., Atlanta, Ga.  
 CONSUMERS' GAS COMPANY OF TORONTO (THE), Toronto, Ontario, Canada.  
 CONSUMERS POWER COMPANY, Jackson, Mich.  
 CONTAINER CORPORATION OF AMERICA, Chicago, Ill.  
 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 OIL COMPANY, Ponca City, Okla.  
 CONTINENTAL PAPER COMPANY, Ridgefield Park, N. J.  
 CONTINENTAL SCREW COMPANY, New Bedford, Mass.  
 CONTROL INSTRUMENT COMPANY, Inc., Brooklyn, N. Y.  
 COOK COFFEE COMPANY, Cleveland, O.  
 COOK (JOSEPH M.) AND STAFF, Philadelphia, Pa.  
 COOK-WAITE LABORATORIES, INC., New York City.  
 COOLERATOR COMPANY (THE), Duluth, Minn.  
 COON (W. B.) COMPANY, Rochester, N. Y.  
 COONLEY, PRENTISS L., Washington, D. C.  
 CO-OPERATIVE SERVICE, Reading, Pa.  
 COOPER-BESSEMER CORPORATION, Mount Vernon, O.  
 COOPERS INC., Kenosha, Wis.  
 COPPER & BRASS RESEARCH ASSOCIATION, New York City.  
 COPPERWELD STEEL COMPANY, GLASSPORT DIVISION, Glassport, Pa.  
 COPPERWELD STEEL COMPANY, WARREN DIVISION, Warren, O.  
 CORN EXCHANGE NATIONAL BANK AND 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.  
 COTTON MANUFACTURERS ASSOCIATION OF GEORGIA, Atlanta, Ga.  
 COTTON TEXTILE INSTITUTE, INC., New York City.  
 COTY, INC., New York City.  
 COVERDALE & COLPITTS, New York City.  
 COWLES, ALFRED, Chicago, Ill.  
 COX (CHAS. M.) CO., Boston, Mass.  
 CRANE CO., Chicago, Ill.  
 CRANSTON PRINT WORKS COMPANY, Cranston, R. I.  
 CREDIT RESEARCH FOUNDATION, New York City.  
 CREOLE PETROLEUM CORPORATION, New York City.  
 CRERAR (JOHN) LIBRARY, Chicago, Ill.  
 CRESCENT INSULATED WIRE AND CABLE COMPANY, INCORPORATED, Trenton, N. J.  
 CRESCENT TOOL COMPANY, Jamestown, N. Y.  
 CRIBBEN AND SEXTON COMPANY, Chicago, Ill.  
 CRITTALL-FEDERAL, INC., Waukesha, Wis.  
 CROCKER, BURBANK & COMPANY ASSOCIATION, Fitchburg, Mass.  
 CROCKER FIRST NATIONAL BANK OF SAN FRANCISCO, San Francisco, Cal.  
 CROMPTON & KNOWLES LOOM WORKS, Worcester, Mass.  
 CROMPTON COMPANY, New York City.  
 CRONAME, INCORPORATED, Chicago, Ill.  
 CROUSE-HINDS COMPANY, Syracuse, N. Y.  
 CROWELL-COLLIER PUBLISHING COMPANY (THE), New York City.  
 CROWLEY, MILNER & COMPANY, Detroit, Mich.  
 CROWN CORK & SEAL COMPANY, INC., Baltimore, Md.  
 CROWN ZELLERBACH CORPORATION, San Francisco, Cal.  
 CRUCIBLE STEEL COMPANY OF AMERICA, New York City.  
 CRUM & FORSTER, New York City.  
 CRYSTAL TISSUE COMPANY, Middletown, O.  
 CUDAHY BROTHERS COMPANY, Cudahy, Wis.  
 CUDAHY PACKING COMPANY, Chicago, Ill.  
 CUMMINS ENGINE COMPANY, INC., Columbus, Ind.  
 CUNNINGHAM, ELMER T., Del Monte, Cal.  
 CUNO ENGINEERING CORPORATION, Meriden, Conn.



CUPPLES COMPANY, St. Louis, Mo.  
 CURTIS COMPANIES INCORPORATED, Clinton, Ia.  
 CURTIS 1000 INC., St. Paul, Minn.  
 CURTIS MANUFACTURING COMPANY, St. Louis, Mo.  
 CURTIS PUBLISHING COMPANY, Philadelphia, Pa.  
 CURTISS-WRIGHT CORPORATION, PROPELLER DIVISION, Caldwell, N. J.  
 CUSHING (JOSEPH), Springfield, Mass.  
 CUSHMAN CHUCK COMPANY, Hartford, Conn.  
 CUSHMAN'S SONS, INCORPORATED, New York City.  
 CUTLER-HAMMER, INC., Milwaukee, Wis.  
 CUTLER-MAGNER COMPANY, Duluth, Minn.  
 CUTTER LABORATORIES, Berkeley, Cal.

DAIRYMEN'S LEAGUE CO-OPERATIVE ASSOCIATION, INC., New York City.  
 DALLAS POWER & LIGHT COMPANY, Dallas, Tex.  
 DAN RIVER MILLS, INCORPORATED, Danville, Va.  
 DANLY MACHINE SPECIALTIES, INC., Chicago, Ill.  
 DARLING & COMPANY, Chicago, Ill.  
 DARTMOUTH COLLEGE—THE AMOS TUCK SCHOOL OF BUSINESS ADMINISTRATION,  
 Hanover, N. H.

DAVIES (THEO. H.) & CO., LTD., Honolulu, T. H.  
 DAVISON CHEMICAL CORPORATION, Baltimore, Md.  
 DAVOL RUBBER COMPANY, Providence, R. I.  
 DAY & NIGHT MANUFACTURING CO., Monrovia, Cal.  
 DAY & ZIMMERMANN, INC., New York City.  
 DAYTON CHAMBER OF COMMERCE, Dayton, O.  
 DAYTON MALLEABLE IRON COMPANY (THE), 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 MOTORS CORPORATION, Detroit, Mich.  
 DEARBORN PUBLIC LIBRARY, Dearborn, Mich.  
 DEARING (C. T.) PRINTING COMPANY, Louisville, Ky.  
 DEEP ROCK OIL CORPORATION, Tulsa, Okla.  
 DEERE & COMPANY, Moline, Ill.  
 DEFIANCE BUTTON MACHINE COMPANY, New York City.  
 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, LACKAWANNA AND WESTERN RAILROAD COMPANY (THE), New York  
 City.  
 DELAWARE RAYON COMPANY, New Castle, Del.  
 DELAWARE TOOL STEEL CORP., Wilmington, Del.  
 DELTOX RUG COMPANY, New York City.  
 DENISON ENGINEERING COMPANY (THE), Columbus, O.  
 DENISON UNIVERSITY LIBRARY, Granville, O.  
 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.

DES MOINES CHAMBER OF COMMERCE, Des Moines, Iowa.  
 DETROIT BANK (THE), Detroit, Mich.  
 DETROIT BOARD OF COMMERCE, Detroit, Mich.  
 DETROIT EDISON COMPANY, Detroit, Mich.  
 DETROIT HARVESTER COMPANY, Detroit, Mich.  
 DETROIT-MICHIGAN STOVE COMPANY, Detroit, Mich.  
 DETROIT PUBLIC LIBRARY, Detroit, Mich.  
 DETROIT PUBLIC LIBRARY, BUSINESS AND COMMERCE DIVISION, Detroit, Mich.  
 DETROIT PUBLIC LIBRARY, MUNICIPAL REFERENCE LIBRARY, Detroit, Mich.  
 DETROIT STEEL PRODUCTS COMPANY, Detroit, Mich.  
 DE VILBISS COMPANY, Toledo, O.  
 DEVOE & RAYNOLDS COMPANY, INC., New York City.  
 DEWALT, INC., Lancaster, Pa.  
 DEWEY AND ALMY CHEMICAL COMPANY, Cambridge, Mass.  
 DEXTER FOLDER COMPANY, Pearl River, N. Y.  
 DIAMOND ALKALI COMPANY, Cleveland, O.  
 DIAMOND CHAIN COMPANY, INC., Indianapolis, Ind.  
 DIAMOND MATCH COMPANY, New York City.  
 DIAMOND POWER SPECIALTY CORPORATION, Detroit, Mich.  
 DIAMOND T MOTOR CAR COMPANY, Chicago, Ill.  
 DICK (A. B.) COMPANY, Chicago, Ill.  
 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.  
 DINGS MAGNETIC SEPARATOR CO., Milwaukee, Wis.  
 DISSTON (HENRY) & SONS, INC., Philadelphia, Pa.  
 DITTO, INCORPORATED, Chicago, Ill.  
 DIVERSEY CORPORATION (THE), Chicago, Ill.  
 DIXIE MERCERIZING COMPANY, Chattanooga, Tenn.  
 DIXON (JOSEPH) CRUCIBLE COMPANY, Jersey City, N. J.  
 DOBECKMUN COMPANY (THE), Cleveland, O.  
 DOEHLE GREETING CARDS, INC., Fitchburg, Mass.  
 DOEHLER-JARVIS CORPORATION, New York City.  
 DOMINION BREWERS ASSOCIATION, Ottawa, Ontario, Canada.  
 DOMINION TEXTILE COMPANY, LTD., Montreal, Quebec, Canada.  
 DOMINION WOOLENS & WORSTEDS, LTD., Toronto, Canada.  
 DOMMERICH (L. F.) AND 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.  
 DONNER CORPORATION (THE), Philadelphia, Pa.  
 DORR COMPANY, INC., New York City.  
 DOUGLAS AIRCRAFT COMPANY, INC., Santa Monica, Cal.  
 DOUGLAS (DAMON G.) COMPANY, INC., Newark, N. J.  
 DOW CHEMICAL COMPANY, Midland, Mich.  
 DOWNING BOX COMPANY, Milwaukee, Wis.  
 DOWNINGTOWN MANUFACTURING COMPANY, Downingtown, Pa.  
 DOYLE, BERNARD W., Leominster, Mass.  
 DRACKETT COMPANY, Cincinnati, O.



DRAVO CORPORATION, Pittsburgh, Pa.  
 DRESSER INDUSTRIES, INC., Cleveland, O.  
 DREW UNIVERSITY, Madison, N. J.  
 DUCOMMUN METALS & SUPPLY COMPANY, Los Angeles, Cal.  
 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 PAPER COMPANY, Port Huron, Mich.  
 DUPLAN CORPORATION (THE), New York City.  
 DU PONT (E. I.) DE NEMOURS & COMPANY, INC., Wilmington, Del.  
 DU PONT, IRÉNÉE, Wilmington, Del.  
 DU PONT, LAMMOT, Wilmington, Del.  
 DURFEE (B. M. C.) TRUST COMPANY, Fall River, Mass.  
 DURKEE-ATWOOD COMPANY, Minneapolis, Minn.  
 DURIRON COMPANY, INC., Dayton, O.  
 DUTTON (A. C.) LUMBER CORPORATION, Poughkeepsie, N. Y.  
  
 EAGLE-OTTAWA LEATHER COMPANY, Grand Haven, Mich.  
 EAGLE PENCIL COMPANY, INC., New York City.  
 EAGLE-PICHER COMPANY, Cincinnati, O.  
 EAST BAY MUNICIPAL UTILITY DISTRICT, Oakland, Cal.  
 EAST RIVER SAVINGS BANK, New York City.  
 EASTERN AIR LINES, INC., New York City.  
 EASTERN GAS AND FUEL ASSOCIATES, Boston, Mass.  
 EASTERN RAILROAD PRESIDENTS CONFERENCE, New York City.  
 EASTERN STEEL PRODUCTS LIMITED, West Toronto, Ontario, Canada.  
 EASTMAN KODAK COMPANY, Rochester, N. Y.  
 EASTWOOD-NEALLEY CORPORATION, Belleville, N. J.  
 EASY WASHING MACHINE CORPORATION, Syracuse, N. Y.  
 EATON MANUFACTURING COMPANY, Cleveland, O.  
 EATON (T.) CO. LIMITED OF MONTREAL (THE), Montreal, Canada.  
 EBASCO SERVICES INCORPORATED, New York City.  
 ECKERMAN AND COMPANY, New York City.  
 ECONOMISCHE VOORLICHTINGDIENST, BIBLIOTHEEK DER, The Hague, Netherlands.  
 ECUSTA PAPER CORPORATION, Pisgah Forest, N. C.  
 EDDY PAPER CORPORATION, Milwaukee, Wis.  
 EDDY-RUCKER-NICKELS COMPANY (THE), Cambridge, Mass.  
 EDGAR BROTHERS COMPANY, Metuchen, N. J.  
 EDGEWATER STEEL COMPANY, Pittsburgh, Pa.  
 EDIE (LIONEL D.) & COMPANY, INC., New York City.  
 EDISON ELECTRIC INSTITUTE, New York City.  
 EDISON (THOMAS A.), INC., West Orange, N. J.  
 EDWARDS AND COMPANY, INC., Norwalk, Conn.  
 EDWARDS BROTHERS, INC., Ann Arbor, Mich.  
 EGRY REGISTER COMPANY, Dayton, O.  
 EGYPTIAN LACQUER MANUFACTURING COMPANY (THE), New York City.  
 EICOR, INC., Chicago, Ill.  
 EIMCO CORPORATION (THE), Salt Lake City, Utah.  
 EKCO PRODUCTS COMPANY, Chicago, Ill.  
 ELASTIC STOP NUT CORPORATION OF AMERICA, Union, N. J.  
 ELECTRIC AUTO-LITE COMPANY, Toledo, O.

ELECTRIC BOAT COMPANY, Groton, Conn.  
 ELECTRIC HOSE & RUBBER COMPANY, Wilmington, Del.  
 ELECTRIC STEEL FOUNDRY COMPANY, Portland, Ore.  
 ELECTRIC STORAGE BATTERY COMPANY, Philadelphia, Pa.  
 ELECTRICAL TESTING LABORATORIES, INC., New York City.  
 ELECTRO REFRACTORIES AND ALLOYS CORPORATION, Buffalo, N. Y.  
 ELECTROLUX CORPORATION, New York City.  
 ELGIN, JOLIET & EASTERN RAILROAD CO., Chicago, Ill.  
 ELGIN NATIONAL WATCH COMPANY, Elgin, Ill.  
 ELKAN, BENNO, New York City.  
 ELLIOTT COMPANY, Jeannette, Pa.  
 ELLWOOD CITY FORGE COMPANY, Ellwood City, Pa.  
 ELWELL-PARKER ELECTRIC COMPANY (THE), Cleveland, O.  
 EMERSON ELECTRIC MFG. CO., St. Louis, Mo.  
 EMERY'S (THOMAS) SONS, INC., Cincinnati, O.  
 EMORY UNIVERSITY, Emory University, Georgia.  
 EMPIRE CITY SAVINGS BANK, New York City.  
 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 ASSOCIATION OF WESTERN MASSACHUSETTS, INC., Springfield, Mass.  
 EMPLOYERS MUTUAL LIABILITY INSURANCE COMPANY, Wausau, Wis.  
 EMPORIUM (THE), San Francisco, Cal.  
 ENDICOTT JOHNSON CORPORATION, Endicott, N. Y.  
 ENGELHARD (CHARLES), INC., New York City.  
 ENSIGN-BICKFORD COMPANY, Simsbury, Conn.  
 ENTERPRISE ENGINE & FOUNDRY COMPANY, San Francisco, Cal.  
 EPIPHANY TANKERS CORPORATION, New York City.  
 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.  
 ERICSSON TELEPHONE SALES CORPORATION, New York City.  
 ERIE CITY IRON WORKS, Erie, Pa.  
 ERIE ELECTRIC COMPANY, INC., Buffalo, N. Y.  
 ERIE MALLEABLE IRON COMPANY, Erie, Pa.  
 ERIE RAILROAD COMPANY, Cleveland, O.  
 ERIE RESISTOR CORPORATION, Erie, Pa.  
 ERNST & ERNST, Cleveland, O.  
 ERWIN COTTON MILLS COMPANY, Durham, N. C.  
 ERWIN, WASEY & COMPANY, INC., New York City.  
 ESLEECK MANUFACTURING COMPANY, Turners Falls, Mass.  
 ESSICK MANUFACTURING COMPANY, Los Angeles, Cal.  
 ESTERBROOK PEN COMPANY (THE), Camden, N. J.  
 ETHYL CORPORATION, New York City.  
 ETTINGER, VIRGIL P., New York City.  
 EUREKA SPECIALTY PRINTING COMPANY, Scranton, Pa.  
 EUREKA WILLIAMS CORPORATION, Bloomington, Ill.  
 EVANS PRODUCTS COMPANY, Plymouth, Mich.  
 EWING-VON ALLMEN DAIRY CO., INC., Louisville, Ky.  
 EXOLON COMPANY (THE), Tonawanda, N. Y.



FABER (EBERHARD) PENCIL Co., Brooklyn, N. Y.  
 FAFNIR BEARING COMPANY, New Britain, Conn.  
 FAIRBANKS COMPANY (THE), New York City.  
 FAIRBANKS, MORSE & Co., Beloit, Wis.  
 FAIRCHILD ENGINE AND AIRPLANE CORPORATION, New York City.  
 FAIRFIELD MANUFACTURING COMPANY, Lafayette, Ind.  
 FAIRMONT RAILWAY MOTORS, INC., Fairmont, Minn.  
 FALCON BRONZE COMPANY (THE), Youngstown, O.  
 FALK CORPORATION, Milwaukee, Wis.  
 FARIBAULT WOOLEN MILL COMPANY, Faribault, Minn.  
 FARMERS DEPOSIT NATIONAL BANK, Pittsburgh, Pa.  
 FARMERS AND MERCHANTS NATIONAL BANK OF LOS ANGELES, Los Angeles, Cal.  
 FARQUHAR (A. B.) COMPANY, York, Pa.  
 FARREL-BIRMINGHAM COMPANY, INC., Ansonia, Conn.  
 FARRELL-CHEEK STEEL COMPANY, Sandusky, O.  
 FARRELL LINES INCORPORATED, New York City.  
 FARRINGTON MANUFACTURING COMPANY, Boston, Mass.  
 FASCO INDUSTRIES, INC., Rochester, N. Y.  
 FEDDERS-QUIGAN CORPORATION, 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 PRODUCTS CORPORATION, Providence, R. I.  
 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 MINNEAPOLIS, Minneapolis, Minn.  
 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, Clifton, N. J.  
 FEDERATION OF GLASS, CERAMIC AND SILICA SAND WORKERS OF AMERICA, Columbus, O.  
 FEINER (P.) & SONS, INC., New York City.  
 FELL (WM. F.) Co., Philadelphia, Pa.  
 FELS & COMPANY, Philadelphia, Pa.  
 FELT & TARRANT MFG. Co., Chicago, Ill.  
 FENN COLLEGE LIBRARY, Cleveland, O.  
 FERGUSON (HARRY), INC., Detroit, Mich.  
 FERGUSON, H. G., Fairfield, Ill.  
 FERRY-MORSE SEED Co., Detroit, Mich.  
 FIBREBOARD PRODUCTS INC., San Francisco, Cal.  
 FIDELITY MUTUAL LIFE INSURANCE COMPANY (THE), Philadelphia, Pa.  
 FIDELITY-PHILADELPHIA TRUST COMPANY, Philadelphia, Pa.  
 FIDELITY UNION TRUST COMPANY, Newark, N. J.  
 FIDUCIARY MANAGEMENT, INC., New York City.  
 FIDUCIARY TRUST COMPANY OF NEW YORK, New York City.  
 FIELD AND FLINT Co., Brockton, Mass.  
 FIFTH THIRD UNION TRUST COMPANY, Cincinnati, O.

FILTROL CORPORATION, Los Angeles, Cal.  
 FINCH, PRUYN AND COMPANY, INCORPORATED, Glens Falls, N. Y.  
 FIREMEN'S INSURANCE COMPANY, Newark, N. J.  
 FIRESTONE TIRE & RUBBER COMPANY, Akron, O.  
 FIRST FEDERAL SAVINGS AND LOAN ASSOCIATION OF MIAMI, Miami, Fla.  
 FIRST NATIONAL BANK & TRUST COMPANY, Hamilton, O.  
 FIRST NATIONAL BANK AND TRUST COMPANY, Paterson, N. J.  
 FIRST NATIONAL BANK AND TRUST COMPANY OF RACINE, Racine, Wis.  
 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 MINNEAPOLIS, Minneapolis, Minn.  
 FIRST NATIONAL BANK OF PHILADELPHIA (THE), Philadelphia, Pa.  
 FIRST NATIONAL BANK OF PORTLAND (THE), Portland, Ore.  
 FIRST NATIONAL BANK OF THE CITY OF NEW YORK, New York City.  
 FIRST TRUST & DEPOSIT COMPANY, Syracuse, N. Y.  
 FIRST WISCONSIN NATIONAL BANK OF MILWAUKEE, Milwaukee, Wis.  
 FIRST WISCONSIN TRUST COMPANY, Milwaukee, Wis.  
 FISCHER SPECIAL MANUFACTURING COMPANY, INC., Cincinnati, O.  
 FISHER FLOURING MILLS COMPANY, INC., Seattle, Wash.  
 FISHER GOVERNOR COMPANY, Marshalltown, Iowa.  
 FISHER, SAMUEL M., New York City.  
 FISKE BROTHERS REFINING Co., Newark, N. J.  
 FITCHBURG PAPER COMPANY, Fitchburg, Mass.  
 FLETCHER & BROWN, New York City.  
 FLINTKOTE COMPANY (THE), New York City.  
 FLORENCE PIPE FOUNDRY AND MACHINE COMPANY, Philadelphia, Pa.  
 FLORENCE STOVE COMPANY, Gardner, Mass.  
 FLORIDA POWER & LIGHT COMPANY, Miami, Fla.  
 FLORSHEIM SHOE COMPANY, Chicago, Ill.  
 FLUOR CORPORATION, LTD. (THE), Los Angeles, Cal.  
 FOERDERER (ROBERT H.) ESTATE, INC., Philadelphia, Pa.  
 FOLEY BROS., Houston, Tex.  
 FOLEY BROTHERS, INC., Pleasantville, N. Y.  
 FOLLANSBEE STEEL CORPORATION, Pittsburgh, Pa.  
 FOOD INDUSTRIES EMPLOYERS LABOR RELATIONS COUNCIL, INC., Los Angeles, Cal.  
 FOOD MACHINERY AND CHEMICAL CORPORATION, San Jose, Cal.  
 FOOTE BROS. GEAR AND MACHINE CORPORATION, Chicago, Ill.  
 FOOTE, CONE & BELDING, New York City.  
 FORBES (JOHN F.) & Co., Los Angeles, Cal.  
 FORBES LITHOGRAPH MFG. Co. (THE), Boston, Mass.  
 FORD, BACON & DAVIS, INC., New York City.  
 FORD MOTOR COMPANY, Dearborn, Mich.  
 FORD MOTOR COMPANY OF CANADA, LIMITED, Windsor, Ontario, Canada.  
 FORDHAM UNIVERSITY LIBRARY, Bronx, N. Y.  
 FOREST OIL CORPORATION, Bradford, Pa.  
 FORMFIT COMPANY (THE), Chicago, Ill.  
 FORMICA COMPANY (THE), Cincinnati, O.  
 FORT WAYNE CORRUGATED PAPER Co., Fort Wayne, Ind.  
 FOSTER AND KLEISER COMPANY, San Francisco, Cal.  
 FOSTER MACHINE COMPANY, Westfield, Mass.  
 FOSTER WHEELER CORPORATION, Carteret, N. J.  
 FOSTORIA GLASS COMPANY, Moundsville, W. Va.



FOSTORIA PRESSED STEEL CORPORATION (THE), Fostoria, O.  
 FOUNDATION FOR ECONOMIC EDUCATION, INC. (THE), Irvington-on-Hudson, N. Y.  
 FOUR WHEEL DRIVE AUTO COMPANY, Clintonville, Wis.  
 FRANK FOUNDRIES CORPORATION, Moline, Ill.  
 FRANKLIN COUNTY COAL CO., Chicago, Ill.  
 FRASER COMPANIES, LIMITED, Edmundston, N. B., Canada.  
 FREE LIBRARY OF PHILADELPHIA (THE), Philadelphia, Pa.  
 FREE PUBLIC LIBRARY, New Haven, Conn.  
 FREE PUBLIC LIBRARY, Trenton, N. J.  
 FREEMAN SHOE CORPORATION, Beloit, Wis.  
 FREEPORT SULPHUR COMPANY, New York City.  
 FRENCH COMMERCIAL COUNSELOR (OFFICE OF THE), Washington, D. C.  
 FRENCH, WILLIAM H., San Francisco, Cal.  
 FRICK COMPANY, INC., Waynesboro, Pa.  
 FRUIT GROWERS EXPRESS COMPANY, Washington, D. C.  
 FUEL ENGINEERING COMPANY OF NEW YORK, New York City.  
 FULFORD MANUFACTURING COMPANY, Providence, R. I.  
 FULLER & SMITH & ROSS, INC., New York City.  
 FULLER BRUSH COMPANY, Hartford, Conn.  
 FUNCH, EDYE & COMPANY, INC., New York City.  
 FYR-FYTER COMPANY, Dayton, O.

GAIR (ROBERT) COMPANY, INC., New York City.  
 GALE PRODUCTS, Galesburg, Ill.  
 GALLUN (A. F.) & SONS CORPORATION, Milwaukee, Wis.  
 GAMBLE BROS., INC., Louisville, Ky.  
 GAMEWELL COMPANY, Newton Upper Falls, Mass.  
 GARDNER, GLENN L., Passaic, N. J.  
 GARDNER, CARTON & DOUGLAS, Chicago, Ill.  
 GARDNER DISPLAYS CO., Pittsburgh, Pa.  
 GARLOCK PACKING COMPANY, Palmyra, N. Y.  
 GAS REFRIGERATOR DISTRIBUTORS, INC., New York City.  
 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.  
 GENERAL FIREPROOFING COMPANY, Youngstown, O.  
 GENERAL FOODS CORPORATION, New York City.  
 GENERAL ICE CREAM CORPORATION, Schenectady, N. Y.  
 GENERAL MILLS, INC., Minneapolis, Minn.  
 GENERAL MOTORS CORPORATION, Detroit, Mich.  
 GENERAL PETROLEUM CORPORATION, Los Angeles, Cal.  
 GENERAL PORTLAND CEMENT COMPANY, Chicago, Ill.  
 GENERAL RADIO COMPANY, Cambridge, Mass.  
 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 CORPORATION, New York City.  
 GENERAL TIRE & RUBBER COMPANY, Akron, O.  
 GEORGIA POWER COMPANY, Atlanta, Ga.  
 GEORGIA SCHOOL OF TECHNOLOGY LIBRARY, Atlanta, Ga.  
 GERBER PRODUCTS COMPANY, Fremont, Mich.  
 GERITY-MICHIGAN CORPORATION, Adrian, Mich.  
 GEROTOR MAY CORPORATION, Baltimore, Md.  
 GEYER, NEWELL & GANGER, INC., New York City.  
 GIBSON ART COMPANY, Cincinnati, O.  
 GILBERT PAPER COMPANY, Menasha, Wis.  
 GILLETTE SAFETY RAZOR COMPANY, South Boston, Mass.  
 GIMBEL BROTHERS, New York City.  
 GIRARD TRUST COMPANY, Philadelphia, Pa.  
 GISHOLT MACHINE COMPANY, Madison, Wis.  
 GIVAUDAN-DELAWANNA, INC., New York City.  
 GLADDING, McBEAN & COMPANY, San Francisco, Cal.  
 GLATFELTER (P. H.) Co., Spring Grove, Pa.  
 GLEASON WORKS, Rochester, N. Y.  
 GLEN ALDEN COAL COMPANY, Wilkes-Barre, 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 Co., Cincinnati, O.  
 GODMAN (H. C.) COMPANY, Columbus, O.  
 GOLDBLATT BROS., INC., Chicago, Ill.  
 GOLDEN BEAR OIL Co., Los Angeles, Cal.  
 GOLDEN GATE COLLEGE, San Francisco, Cal.  
 GONZAGA UNIVERSITY, Spokane, Wash.  
 GOODRICH (B. F.) COMPANY, Akron, O.  
 GOODYEAR TIRE & RUBBER COMPANY, Akron, O.  
 GORHAM MANUFACTURING COMPANY, Providence, R. I.  
 GOSS PRINTING PRESS COMPANY, Chicago, Ill.  
 GOTHAM HOSIERY COMPANY, INC., New York City.  
 GOULD & EBERHARDT, Irvington, N. J.  
 GOULDS PUMPS, INC., Seneca Falls, N. Y.  
 GRACE (W. R.) & Co., New York City.  
 GRAMMES (L. F.) & SONS, INC., Allentown, Pa.  
 GRAND RAPIDS CHAMBER OF COMMERCE, Grand Rapids, Mich.  
 GRAND UNION COMPANY (THE), New York City.  
 GRANT (W. T.) COMPANY, New York City.  
 GRAPHITE METALLIZING CORPORATION, Yonkers, N. Y.  
 GRAY IRON FOUNDERS' ASSOCIATION, Cleveland, O.  
 GRAYBAR ELECTRIC COMPANY, INC., New York City.  
 GREAT AMERICAN INSURANCE COMPANY, INC., New York City.  
 GREAT ATLANTIC & PACIFIC TEA COMPANY, New York City.  
 GREAT LAKES CARBON CORPORATION, New York City.  
 GREATER MUSKEGON CHAMBER OF COMMERCE (THE), Muskegon, Mich.  
 GREATER NEW YORK SAVINGS BANK (THE), Brooklyn, N. Y.  
 GREATER SOUTH DAKOTA ASSOCIATION, Huron, S. D.  
 GREDE FOUNDRIES, INC., Milwaukee, Wis.



GREEN (A. P.) FIRE BRICK Co., Mexico, Mo.  
 GREENFIELD TAP AND DIE CORPORATION, Greenfield, Mass.  
 GREIST MANUFACTURING COMPANY, New Haven, Conn.  
 GREYHOUND CORPORATION, Chicago, Ill.  
 GRIFFIN MANUFACTURING COMPANY, INC., Brooklyn, N. Y.  
 GRIGGS, COOPER & COMPANY, St. Paul, Minn.  
 GRIGOLEIT COMPANY (THE), Decatur, Ill.  
 GRINDING WHEEL INSTITUTE, Worcester, Mass.  
 GRINNELL CORPORATION, Providence, R. I.  
 GRIP NUT COMPANY, Chicago, Ill.  
 GRISCOM-RUSSELL Co., Massillon, O.  
 GROCERY MANUFACTURERS OF AMERICA, INC., New York City.  
 GROCERY STORE PRODUCTS Co., New York City.  
 GROSSER, GEORGE, Kalamazoo, Mich.  
 GRUMMAN AIRCRAFT ENGINEERING CORPORATION, Bethpage, Long Island, N. Y.  
 GUARANTY TRUST COMPANY OF NEW YORK, New York City.  
 GUARDIAN LIFE INSURANCE COMPANY OF AMERICA (THE), New York City.  
 GUGLER LITHOGRAPHIC Co. (THE), Milwaukee, Wis.  
 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.  
  
 HACKENSACK WATER COMPANY, Weehawken, N. J.  
 HAGAN CORPORATION, Pittsburgh, Pa.  
 HALE, BENTON B., Chicago, Ill.  
 HALL BROTHERS, INCORPORATED, Kansas City, Mo.  
 HALL CHINA COMPANY, East Liverpool, O.  
 HALL (W. F.) PRINTING COMPANY, Chicago, Ill.  
 HALLE BROS. Co. (THE), Cleveland, O.  
 HAMILTON COTTON COMPANY (THE), LIMITED, Hamilton, Ontario, Canada.  
 HAMILTON FOUNDRY & MACHINE COMPANY, Hamilton, O.  
 HAMILTON MANUFACTURING COMPANY, Two Rivers, Wis.  
 HAMILTON (W. C.) & SONS, Miquon, Pa.  
 HAMMERMILL PAPER COMPANY, Erie, Pa.  
 HAMMOND, JOHN HENRY, New York City.  
 HANCOCK (JOHN) MUTUAL LIFE INSURANCE COMPANY, Boston, Mass.  
 HANDY & HARMAN, New York City.  
 HANES (P. H.) KNITTING Co., Winston-Salem, N. C.  
 HANNA COAL & ORE CORPORATION, Cleveland, O.  
 HANNA (M. A.) COMPANY, Cleveland, O.  
 HANNIFIN CORPORATION, Chicago, Ill.  
 HANSEN GLOVE CORPORATION, Milwaukee, Wis.  
 HANSEN'S (CHR.) LABORATORY, INC., Little Falls, N. Y.  
 HANSON-VAN WINKLE-MUNNING COMPANY, Matawan, N. J.  
 HARBISON-WALKER REFRACTORIES COMPANY, Pittsburgh, Pa.  
 HARBOR PLYWOOD CORPORATION, Hoquiam, Wash.  
 HARDINGE BROTHERS, INC., Elmira, N. Y.  
 HARDINGE COMPANY, INC., York, Pa.  
 HARDWARE MUTUAL CASUALTY COMPANY, Stevens Point, Wis.  
 HARDWICK & MAGEE COMPANY, Philadelphia, Pa.  
 HARNISCHFEGER CORPORATION, Milwaukee, Wis.  
 HARPER-WYMAN COMPANY, Chicago, Ill.  
 HARRIMAN RIPLEY & Co., INC., New York City.

HARRIS-SEYBOLD COMPANY, Cleveland, O.  
 HARRIS TRUST & SAVINGS BANK, Chicago, Ill.  
 HARRIS, UPHAM & Co., New York City.  
 HARSHAW CHEMICAL COMPANY (THE), Cleveland, O.  
 HART SCHAFFNER & MARX, Chicago, Ill.  
 HARTFORD-CONNECTICUT TRUST COMPANY, Hartford, Conn.  
 HARTFORD ELECTRIC LIGHT Co., Hartford, Conn.  
 HARTFORD-EMPIRE COMPANY, Hartford, Conn.  
 HARTFORD FIRE INSURANCE COMPANY, INC., Hartford, Conn.  
 HARTFORD NATIONAL BANK AND TRUST COMPANY, Hartford, Conn.  
 HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY (THE), Hartford,  
 Conn.  
 HARVARD COLLEGE LIBRARY, Cambridge, Mass.  
 HARVARD UNIVERSITY, GRADUATE SCHOOL OF BUSINESS ADMINISTRATION, Boston,  
 Mass.  
 HARVARD UNIVERSITY, OFFICE OF PERSONNEL RELATIONS, Cambridge, Mass.  
 HARVEY (FRED), INC., Chicago, Ill.  
 HASKINS & SELLS, New York City.  
 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.  
 HAZEN (THE EDWARD W.) FOUNDATION, INC., New Haven, Conn.  
 HEALD MACHINE COMPANY, Worcester, Mass.  
 HEBERLEIN & Co., LTD., New York City.  
 HECLA MINING COMPANY, Wallace, Idaho.  
 HEIL Co. (THE), Milwaukee, Wis.  
 HEINTZ MANUFACTURING COMPANY, Philadelphia, Pa.  
 HEINZ (H. J.) COMPANY, Pittsburgh, Pa.  
 HELLER BROTHERS COMPANY, Newark, N. J.  
 HELLER (ROBERT) & ASSOCIATES, INC., Cleveland, O.  
 HELLWIG DYEING CORPORATION (THE), Philadelphia, Pa.  
 HELME (GEORGE W.) COMPANY, INC., New York City.  
 HENDEY MACHINE COMPANY, Torrington, Conn.  
 HEPPENSTALL COMPANY, Pittsburgh, Pa.  
 HERCULES POWDER COMPANY, INC., Wilmington, Del.  
 HERRING-HALL-MARVIN SAFE COMPANY, Hamilton, O.  
 HEWITT-ROBINS, INCORPORATED, Buffalo, N. Y.  
 HEYWOOD-WAKEFIELD COMPANY, Gardner, Mass.  
 HIBBARD, SPENCER, BARTLETT & COMPANY, Evanston, Ill.  
 HICKOK ELECTRICAL INSTRUMENT COMPANY (THE), Cleveland, O.  
 HICKOK MANUFACTURING Co., INC., Rochester, N. Y.  
 HIGBEE COMPANY, Cleveland, O.  
 HIGGINS INK Co. INC., Brooklyn, N. Y.  
 HIGHTSTOWN RUG COMPANY, Hightstown, N. J.  
 HILLS BROTHERS COMPANY (THE), New York City.  
 HINDE & DAUCH PAPER COMPANY (THE), Sandusky, O.  
 HINES (EDWARD) LUMBER Co., Chicago, Ill.  
 HOBART MANUFACTURING COMPANY, Troy, O.  
 HOBURG PAPER MILLS, Green Bay, Wis.  
 HOE (R.) & Co., INC., New York City.  
 HOFFMAN BEVERAGE COMPANY, Newark, N. J.



HOFFMAN-LA ROCHE, INC., Nutley, N. J.  
 HOLLEY CARBURETOR COMPANY, Detroit, Mich.  
 HOLLINGSHEAD (R. M.) CORPORATION, Camden, N. J.  
 HOLLINGSWORTH & WHITNEY COMPANY, Boston, Mass.  
 HOLLY SUGAR CORPORATION, Colorado Springs, Colo.  
 HOLO-KROME SCREW CORPORATION, Hartford, Conn.  
 HOMASOTE COMPANY, Trenton, N. J.  
 HOME INSURANCE COMPANY, New York City.  
 HOME LIFE INSURANCE COMPANY, New York City.  
 HONOLULU OIL CORPORATION, San Francisco, Cal.  
 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.  
 HORTON MANUFACTURING COMPANY, Fort Wayne, Ind.  
 HOSKINS MANUFACTURING COMPANY, Detroit, Mich.  
 HOUDAILLE-HERSHEY CORPORATION, Detroit, Mich.  
 HOUGHTON (E. F.) & COMPANY, Philadelphia, Pa.  
 HOUSEHOLD FINANCE CORPORATION, Chicago, Ill.  
 HOUSTON, GEORGE H., Mexico, D. F.  
 HOUSTON POST (THE), Houston, Tex.  
 HOYT (CHARLES D.) COMPANY, INC., Mishawaka, Ind.  
 HUDSON BAY MINING & SMELTING CO., LIMITED, New York City.  
 HUDSON (J. L.) COMPANY, Detroit, Mich.  
 HUDSON WORSTED COMPANY, Hudson, Mass.  
 HUDSON'S BAY COMPANY, INC., Winnipeg, Manitoba, Canada.  
 HUGHES TOOL COMPANY, Houston, Tex.  
 HUMASON MANUFACTURING COMPANY, INC., Forestville, Conn.  
 HUMBLE OIL & REFINING COMPANY, Houston, Tex.  
 HUMPHRIES MANUFACTURING COMPANY, Mansfield, O.  
 HUNT (RODNEY) MACHINE CO., Orange, Mass.  
 HUNTER DOUGLAS CORPORATION, Riverside, Cal.  
 HUYCK (F. C.) & SONS, Albany, N. Y.  
 HUYLER'S, Long Island City, N. Y.  
 HYDRAULIC EQUIPMENT COMPANY, Cleveland, O.  
 HYDRAULIC INSTITUTE, New York City.  
 HYDRAULIC PRESS MANUFACTURING COMPANY (THE), Mount Gilead, O.  
 HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO, Toronto, Canada.  
  
 I-T-E CIRCUIT BREAKER COMPANY, Philadelphia, Pa.  
 IDAHO MARYLAND MINES CORPORATION, San Francisco, Cal.  
 ILLINOIS CENTRAL RAILROAD COMPANY, Chicago, Ill.  
 ILLINOIS INSTITUTE OF TECHNOLOGY, Chicago, Ill.  
 ILLINOIS MANUFACTURERS' ASSOCIATION, Chicago, Ill.  
 ILLINOIS STATE LIBRARY, GENERAL LIBRARY DIVISION, Springfield, Ill.  
 ILLINOIS TOOL WORKS, Chicago, Ill.  
 IMPERIAL CHEMICAL INDUSTRIES LIMITED, London, England.  
 IMPERIAL GLASS CORPORATION, Bellaire, O.

IMPERIAL OIL LIMITED, Toronto, Ontario, Canada.  
 IMPERIAL PAPER AND COLOR CORPORATION, Glens Falls, N. Y.  
 IMPROVED PAPER MACHINERY CORPORATION, Nashua, N. H.  
 INDEX NUMBER INSTITUTE, Inc., New York City.  
 INDIAN STATISTICAL INSTITUTE, Calcutta, India.  
 INDIANA STATE LIBRARY, Indianapolis, Ind.  
 INDIANA STATE TEACHERS COLLEGE LIBRARY, Terre Haute, Ind.  
 INDIANA STEEL & WIRE COMPANY, Muncie, Ind.  
 INDIANA UNIVERSITY, Bloomington, Ind.  
 INDIANAPOLIS MORRIS PLAN CORPORATION, Indianapolis, Ind.  
 INDIANAPOLIS PUBLIC LIBRARY, BUSINESS BRANCH, Indianapolis, Ind.  
 INDUSTRIAL ASSOCIATION OF THE MOHAWK VALLEY (THE), Utica, N. Y.  
 INDUSTRIAL BROWNHOIST CORPORATION, Bay City, Mich.  
 INDUSTRIAL COMMODITY CORPORATION, New York City.  
 INDUSTRIAL CONFERENCE BOARD OF TACOMA, Inc., Tacoma, Wash.  
 INDUSTRIAL MANAGEMENT COUNCIL OF ROCHESTER, Rochester, N. Y.  
 INDUSTRIAL RAYON CORPORATION, Cleveland, O.  
 INDUSTRIAL RELATIONS COUNSELORS, Inc., New York City.  
 INFILCO INCORPORATED, Chicago, Ill.  
 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, Inc., New York City.  
 INSTITUTE OF LIVING, Hartford, Conn.  
 INSTITUTE OF PAPER CHEMISTRY (THE), Appleton, Wis.  
 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 ELECTRICAL WORKERS, San Francisco, Cal.  
 INTERNATIONAL BROTHERHOOD OF TEAMSTERS, CHAUFFEURS, WAREHOUSEMEN &  
 HELPERS OF AMERICA, Washington, D. C.  
 INTERNATIONAL BUSINESS MACHINES CORPORATION, New York City.  
 INTERNATIONAL CELLUCOTTON PRODUCTS Co., Chicago, Ill.  
 INTERNATIONAL DERRICK & EQUIPMENT Co., Beaumont, Tex.  
 INTERNATIONAL HARVESTER COMPANY, Chicago, Ill.  
 INTERNATIONAL LADIES' GARMENT WORKERS' UNION, New York City.  
 INTERNATIONAL MILLING COMPANY, Minneapolis, Minn.  
 INTERNATIONAL MINERALS & CHEMICAL CORPORATION, Chicago, Ill.  
 INTERNATIONAL NICKEL COMPANY, Inc., New York City.  
 INTERNATIONAL PAPER COMPANY, New York City.  
 INTERNATIONAL PROJECTOR CORPORATION, Bloomfield, N. J.  
 INTERNATIONAL RESISTANCE COMPANY, Philadelphia, Pa.  
 INTERNATIONAL SHOE COMPANY, St. Louis, Mo.  
 INTERNATIONAL SILVER COMPANY, Meriden, Conn.  
 INTERNATIONAL SMELTING & REFINING COMPANY, New York City.  
 INTERNATIONAL TEXTBOOK COMPANY, Scranton, Pa.  
 INTERSTATE DEPARTMENT STORES, Inc., New York City.  
 INTERTYPE CORPORATION, Brooklyn, N. Y.



INTERWOVEN STOCKING COMPANY, New Brunswick, N. J.  
 INVESTORS MANAGEMENT COMPANY, INC., New York City.  
 IOWA ELECTRIC LIGHT AND POWER COMPANY, Cedar Rapids, Ia.  
 IOWA-ILLINOIS GAS AND ELECTRIC COMPANY, Rock Island, Ill.  
 IOWA SOUTHERN UTILITIES COMPANY, Centerville, Ia.  
 IRVING TRUST COMPANY, New York City.  
 IRVINGTON VARNISH & INSULATOR CO., Irvington, N. J.  
 ISELIN, O'DONNELL, New York City.  
 ISLAND CREEK COAL COMPANY, Huntington, W. Va.  
  
 JACKSON BOX COMPANY (THE), Norwood, O.  
 JACOBS MANUFACTURING COMPANY (THE), West Hartford, Conn.  
 JAEGER MACHINE COMPANY, Columbus, O.  
 JAFF & CO. (PTY.) LTD., Johannesburg, South Transvaal, Union of South Africa.  
 JAMESTOWN MUTUAL INSURANCE CO., Jamestown, N. Y.  
 JEFFERSON ELECTRIC COMPANY, Bellwood, Ill.  
 JEFFREY MANUFACTURING COMPANY, Columbus, O.  
 JERGENS (ANDREW) COMPANY (THE), Cincinnati, O.  
 JEWEL TEA CO., INC., Barrington, Ill.  
 JOANNA-WESTERN MILLS COMPANY, Chicago, Ill.  
 JOHNS HOPKINS UNIVERSITY (THE), Silver Spring, Md.  
 JOHNS-MANVILLE CORPORATION, New York City.  
 JOHNSON & JOHNSON, New Brunswick, N. J.  
 JOHNSON BRONZE COMPANY, New Castle, Pa.  
 JOHNSON (S. C.) & SON, INC., Racine, Wis.  
 JOHNSTON & MURPHY, Newark, N. J.  
 JONES & LAMSON MACHINE CO., Springfield, Vt.  
 JONES & LAUGHLIN STEEL CORPORATION, Pittsburgh, Pa.  
 JOURNAL COMPANY (THE), Milwaukee, Wis.  
 JOY MANUFACTURING COMPANY, Pittsburgh, Pa.  
 JOYCE INC., Pasadena, Cal.  
  
 KAISER-FRAZER CORPORATION, Willow Run, Mich.  
 KAISER (HENRY J.) COMPANY, Oakland, Cal.  
 KALAMAZOO STOVE & FURNACE COMPANY, Kalamazoo, Mich.  
 KALAMAZOO VEGETABLE PARCHMENT CO., Kalamazoo, Mich.  
 KANAWHA COUNTY PUBLIC LIBRARY, Charleston, W. Va.  
 KANAWHA VALLEY BANK (THE), Charleston, W. Va.  
 KANKAKEE CHAMBER OF COMMERCE, Kankakee, Ill.  
 KANSAS CITY LIFE INSURANCE COMPANY, Kansas City, Mo.  
 KANSAS CITY POWER & LIGHT COMPANY, Kansas City, Mo.  
 KANSAS CITY PUBLIC LIBRARY, Kansas City, Mo.  
 KANSAS CITY PUBLIC SERVICE COMPANY, Kansas City, Mo.  
 KANSAS POWER AND LIGHT COMPANY (THE), Topeka, Kan.  
 KANSAS STATE LIBRARY, Topeka, Kan.  
 KARAGHEUSIAN (A. & M.), INC., New York City.  
 KAUFMANN DEPARTMENT STORES, INC., Pittsburgh, Pa.  
 KAUMAGRAPH COMPANY, Wilmington, Del.  
 KAWNEER COMPANY, Niles, Mich.  
 KAY-FRIES CHEMICALS, INC., New York City.  
 KAYSER (JULIUS) & CO., Brooklyn, N. Y.  
 KEARNEY (A. T.) & COMPANY, Chicago, Ill.  
 KEARNEY & TRECKER CORPORATION, Milwaukee, Wis.  
 KELLER TOOL COMPANY, Grand Haven, Mich.

KELLOGG COMPANY, Battle Creek, Mich.  
 KELLOGG (M. W.) COMPANY, INC., New York City.  
 KELLY-SPRINGFIELD TIRE COMPANY (THE), Cumberland, Md.  
 KENDALL COMPANY, Boston, Mass.  
 KENNECOTT COPPER CORPORATION, New York City.  
 KENNEDY (DAVID E.) INC., Brooklyn, N. Y.  
 KENNEDY MANUFACTURING COMPANY, Van Wert, O.  
 KENT METAL & CHEMICAL WORKS, Edgewater, N. J.  
 KENTUCKY UTILITIES COMPANY, Lexington, Ky.  
 KENYON & ECKHARDT INC., New York City.  
 KERITE COMPANY (THE), New York City.  
 KESTER SOLDER COMPANY, Chicago, Ill.  
 KESWICK CORPORATION, New York City.  
 KETCHUM, MACLEOD & GROVE, INC., Pittsburgh, Pa.  
 KEUFFEL & ESSER CO., Hoboken, N. J.  
 KEWANEE OIL COMPANY, Philadelphia, Pa.  
 KEWAUNEE MANUFACTURING COMPANY, Adrian, Mich.  
 KEYSTONE STEEL & WIRE COMPANY, Peoria, Ill.  
 KHEEL (THEODORE W.), New York City.  
 KIDDE (WALTER) & COMPANY, INC., Belleville, N. J.  
 KIDDER, PEABODY & COMPANY, New York City.  
 KIECKHEFER CONTAINER COMPANY, Camden, N. J.  
 KIMBALL (W. W.) COMPANY, Chicago, Ill.  
 KIMBERLY-CLARK CORPORATION, Neenah, Wis.  
 KIMBLE (LESLIE A.) & COMPANY, Roanoke, Va.  
 KINGAN & CO., INCORPORATED, Indianapolis, Ind.  
 KING-SEELEY CORPORATION, Ann Arbor, Mich.  
 KIRSCH COMPANY, Sturgis, Mich.  
 KIRSTEIN BUSINESS LIBRARY, Boston, Mass.  
 KLEINERT (I. B.) RUBBER COMPANY, College Point, N. Y.  
 KNOX (CHARLES B.) GELATINE CO., INC., Johnstown, N. Y.  
 KOBE, INC., Huntington Park, Cal.  
 KOHLER COMPANY, Kohler, Wis.  
 KOHNSTAMM (H.) & COMPANY, INC., New York City.  
 KOPPERS COMPANY, INC., Pittsburgh, Pa.  
 KREISLER (JACQUES) MANUFACTURING CORPORATION, North Bergen, N. J.  
 KRESS (S. H.) & COMPANY, New York City.  
 KROGER COMPANY (THE), Cincinnati, O.  
 KRUEGER (G.) BREWING COMPANY, Newark, N. J.  
 KUDNER AGENCY, INC., New York City.  
 KUHLMAN ELECTRIC COMPANY, Bay City, Mich.  
 KUHN'S BROTHERS COMPANY, Dayton, O.  
 KUNGL. VATTENFALLSSTYRELSEN, Stockholm, Sweden.  
 KUPPENHEIMER (B.) & COMPANY, INC., Chicago, Ill.  
 KWASHA & LIPTON, New York City.  
 KWIKSET LOCKS, INC., Anaheim, Cal.

LABATT (JOHN) LIMITED, London, Ontario, Canada.  
 LABEL MANUFACTURERS NATIONAL ASSOCIATION, Washington, D. C.  
 LACHMAN (CHARLES) CO., INC., Phoenixville, Pa.  
 LACLEDE GAS LIGHT COMPANY (THE), St. Louis, Mo.  
 LACLEDE STEEL COMPANY, St. Louis, Mo.  
 LADENBURG THALMANN & COMPANY, New York City.  
 LADISH CO., Cudahy, Wis.



LAGONDA NATIONAL BANK OF SPRINGFIELD, Springfield, O.  
 LAIRD, W. W., Wilmington, Del.  
 LAKE CITY MALLEABLE CO., Cleveland, O.  
 LAKE SHORE MINES, LIMITED, Ontario, Canada.  
 LAKE TANKERS CORPORATION, New York City.  
 LAMBERT PHARMACAL COMPANY, St. Louis, Mo.  
 LAMSON AND SESSIONS COMPANY, Cleveland, O.  
 LAND TITLE BANK & TRUST COMPANY, Philadelphia, Pa.  
 LANDERS CORPORATION (THE), Toledo, O.  
 LANDERS, FRARY & CLARK, New Britain, Conn.  
 LANDIS MACHINE COMPANY, Waynesboro, Pa.  
 LANE BRYANT INC., New York City.  
 LANE PUBLIC LIBRARY, Hamilton, O.  
 LANE-WELLS COMPANY, Los Angeles, Cal.  
 LANGENDORF UNITED BAKERIES, INC., San Francisco, Cal.  
 LANGERRE, INC., New York City.  
 LANGMUIR, DEAN, New York City.  
 LANGSTON (SAMUEL M.) COMPANY, Camden, N. J.  
 LAPP INSULATOR CO., INC., Le Roy, N. Y.  
 LARUS & BROTHER COMPANY, INC., Richmond, Va.  
 LASKIN (J.) & SONS CORP., Milwaukee, Wis.  
 LASSER (J. K.) & CO., New York City.  
 LAWYERS CO-OPERATIVE PUBLISHING COMPANY, Rochester, N. Y.  
 LAZARUS (F. & R.) & CO., Columbus, O.  
 LEBANON STEEL FOUNDRY, Lebanon, Pa.  
 LE BLOND (R. K.) MACHINE CO., 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 (JAMES) AND SONS COMPANY, Bridgeport, Pa.  
 LEHIGH COAL AND NAVIGATION COMPANY, Philadelphia, Pa.  
 LEHIGH PORTLAND CEMENT COMPANY, Allentown, Pa.  
 LEHIGH STRUCTURAL STEEL 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.  
 LEHMANN (J. M.) COMPANY, INC., Lyndhurst, N. J.  
 LEHN & FINK PRODUCTS CORPORATION, New York City.  
 LEIDESDORF (S. D.) & CO., New York City.  
 LEIMAN BROS. INC., Newark, N. J.  
 LERNER STORES CORPORATION, New York City.  
 LE ROI COMPANY, Milwaukee, Wis.  
 LESCHEN (A.) & SONS ROPE COMPANY, St. Louis, Mo.  
 LESTER PIANO MANUFACTURING CO., INC., Philadelphia, Pa.  
 LE TOURNEAU (R. G.) INC., Peoria, Ill.  
 LEVER BROTHERS COMPANY, Cambridge, Mass.  
 LEVIN (DAVID) COMPANY, Philadelphia, Pa.  
 LEVINGSTON SHIPBUILDING COMPANY, Orange, Tex.  
 LEWISOHN, SAM A., New York City.  
 LIBBEY-OWENS-FORD GLASS COMPANY, Toledo, O.  
 LIBBEY (W. S.) COMPANY, Lewiston, Me.

LIBBY, McNEILL & LIBBY, Chicago, Ill.  
 LIBERTY GLASS COMPANY, Sapulpa, Okla.  
 LIBERTY MUTUAL INSURANCE COMPANY, Boston, Mass.  
 LIBERTY NATIONAL BANK AND TRUST COMPANY, Louisville, Ky.  
 LIBERTY PRODUCTS CORPORATION, Farmingdale, N. Y.  
 LIBRARY ASSOCIATION OF PORTLAND, Portland, Ore.  
 LIBRARY OF PARLIAMENT, Ottawa, Canada.  
 LILLY (ELI) & COMPANY, Indianapolis, Ind.  
 LILLY VARNISH COMPANY, Indianapolis, Ind.  
 LILY-TULIP CUP CORPORATION, New York City.  
 LIMA-HAMILTON CORPORATION, Lima, O.  
 LIMITED PRICE VARIETY STORES ASSOCIATION, INC., New York City.  
 LINCOLN ELECTRIC COMPANY (THE), Cleveland, O.  
 LINCOLN ENGINEERING COMPANY, St. Louis, Mo.  
 LINCOLN NATIONAL BANK AND TRUST COMPANY, Fort Wayne, Ind.  
 LINCOLN NATIONAL LIFE INSURANCE COMPANY, Fort Wayne, Ind.  
 LINCOLN ROCHESTER TRUST COMPANY, Rochester, N. Y.  
 LIND, HERMAN H., Cleveland, O.  
 LINDBERG ENGINEERING COMPANY, Chicago, Ill.  
 LINDSAY WIRE WEAVING COMPANY, Cleveland, O.  
 LINE MATERIAL COMPANY, Milwaukee, Wis.  
 LINEN THREAD COMPANY, INC., Paterson, N. J.  
 LINK-BELT COMPANY, Chicago, Ill.  
 LION OIL COMPANY, El Dorado, Ark.  
 LIONEL CORPORATION (THE), Irvington, N. J.  
 LIPE-ROLLWAY CORPORATION, Syracuse, N. Y.  
 LIQUID CARBONIC CORPORATION, Chicago, Ill.  
 LIQUIDOMETER CORPORATION, Long Island City, N. Y.  
 LIT BROTHERS, Philadelphia, Pa.  
 LITHOGRAPHERS NATIONAL ASSOCIATION INCORPORATED, New York City.  
 LITTLE (ELMER) & SON, INC., Johnstown, N. Y.  
 LITTLER, COAKLEY & LAURITZEN, San Francisco, Cal.  
 LOCKHEED AIRCRAFT CORPORATION, Burbank, Cal.  
 LOCK JOINT PIPE COMPANY, East Orange, N. J.  
 LOCKWOOD MANUFACTURING COMPANY, Cincinnati, O.  
 LOCOMOTIVE FINISHED MATERIAL COMPANY, Atchison, Kan.  
 LOEB (CARL M.), RHOADES AND COMPANY, New York City.  
 LONE STAR CEMENT CORPORATION, New York City.  
 LONG-BELL LUMBER COMPANY, Kansas City, Mo.  
 LONG ISLAND CITY SAVINGS BANK, Long Island City, N. Y.  
 LONG ISLAND LIGHTING COMPANY, Mineola, N. Y.  
 LOOMIS, SAYLES & COMPANY, INC., Boston, Mass.  
 LOOMIS, SUFFERN & FERNALD, New York City.  
 LORD MANUFACTURING COMPANY, Erie, Pa.  
 LORENTZEN HARDWARE MANUFACTURING CORP., New York City.  
 LORILLARD (P.) COMPANY, New York City.  
 LORRAINE MANUFACTURING COMPANY, INC., Pawtucket, R. I.  
 LOS ANGELES BUREAU OF MUNICIPAL RESEARCH, Los Angeles, Cal.  
 LOS ANGELES CHAMBER OF COMMERCE, Los Angeles, Cal.  
 LOS ANGELES CITY BOARD OF EDUCATION, Los Angeles, Cal.  
 LOS ANGELES COUNTY BUREAU OF ADMINISTRATIVE RESEARCH, Los Angeles, Cal.  
 LOS ANGELES EXAMINER, Los Angeles, Cal.  
 LOS ANGELES MUNICIPAL REFERENCE LIBRARY—WATER AND POWER DIVISION,  
 Los Angeles, Cal.



LOS ANGELES PERIOD FURNITURE MFG. CO., Los Angeles, Cal.  
 LOS ANGELES PUBLIC LIBRARY, Los Angeles, Cal.  
 LOS ANGELES TIMES, Los Angeles, Cal.  
 LOUISIANA & ARKANSAS RAILWAY COMPANY, Kansas City, Mo.  
 LOUISIANA POWER & LIGHT COMPANY, New Orleans, La.  
 LOUISIANA STATE UNIVERSITY, Baton Rouge, La.  
 LOUISVILLE BOARD OF TRADE, Louisville, Ky.  
 LOUISVILLE FREE PUBLIC LIBRARY, Louisville, Ky.  
 LOUISVILLE GAS AND ELECTRIC COMPANY, Louisville, Ky.  
 LOUISVILLE TEXTILES, INCORPORATED, Louisville, Ky.  
 LOYOLA UNIVERSITY—LEWIS TOWERS LIBRARY, Chicago, Ill.  
 LOYOLA UNIVERSITY OF LOS ANGELES, Los Angeles, Cal.  
 LUBRIZOL CORPORATION (THE), Cleveland, O.  
 LUDLOW MANUFACTURING & SALES COMPANY, Boston, Mass.  
 LUFKIN FOUNDRY & MACHINE COMPANY, Lufkin, Tex.  
 LUKENS STEEL COMPANY, Coatesville, Pa.  
 LUMBERMEN'S INDUSTRIAL RELATIONS COMMITTEE, INC., Portland, Ore.  
 LUMBERMENS MUTUAL CASUALTY COMPANY, Chicago, Ill.  
 LUMMUS COMPANY, New York City.  
 LUNKENHEIMER COMPANY, Cincinnati, O.  
 LUSTRE FIBRES, INC., New York City.  
 LYBRAND, ROSS BROS. & MONTGOMERY, New York City.  
 LYKES BROS. STEAMSHIP CO., INC., Tampa, Fla.  
 LYNN GAS & ELECTRIC COMPANY, Lynn, Mass.  
 LYON-RAYMOND CORPORATION, Greene, N. Y.

MACANDREWS & FORBES COMPANY, Camden, N. J.  
 MACDERMID INCORPORATED, Waterbury, Conn.  
 MACDONALD BROS. INC., Boston, Mass.  
 MACFADDEN PUBLICATIONS, INC., New York City.  
 MACHINERY & ALLIED PRODUCTS INSTITUTE, Washington, D. C.  
 MACK-MILLER CANDLE CO., INC., Syracuse, N. Y.  
 MACK PRINTING COMPANY, Easton, Pa.  
 MACK (W. IAN) & ASSOCIATES, New York City.  
 MACKINTOSH-HEMPHILL COMPANY, Pittsburgh, Pa.  
 MACKLIN COMPANY, Jackson, Mich.  
 MACMILLAN PETROLEUM CORPORATION, Los Angeles, Cal.  
 MACWHYTE COMPANY, Kenosha, Wis.  
 MACY (R. H.) & COMPANY, INC., New York City.  
 MAGAZINE ADVERTISING BUREAU, New York City.  
 MAGNAVOX COMPANY (THE), Fort Wayne, Ind.  
 MAGNIN (I.) & CO., San Francisco, Cal.  
 MAGOR CAR CORPORATION, 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.  
 MANAGEMENT COMMUNICATIONS, INC., Chicago, Ill.  
 MANHATTAN RESEARCH ASSOCIATES, New York City.  
 MANHATTAN SHIRT CO. (THE), New York City.  
 MANISCHEWITZ (THE B.) CO., Jersey City, N. J.

MANITOWOC SHIPBUILDING COMPANY, Manitowoc, Wis.  
 MANNING (JOHN A.) PAPER COMPANY, Troy, N. Y.  
 MANNING, MAXWELL & MOORE, INC., New York City.  
 MANUFACTURERS ASSOCIATION OF BERKS COUNTY, Reading, Pa.  
 MANUFACTURERS ASSOCIATION OF THE CITY OF BRIDGEPORT, 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 RACINE, Racine, Wis.  
 MANUFACTURERS' ASSOCIATION OF YORK, York, Pa.  
 MANUFACTURERS MACHINE & TOOL CO., INC., Mt. Vernon, N. Y.  
 MANUFACTURERS MUTUAL FIRE INSURANCE COMPANY, INC., Providence, R. I.  
 MANUFACTURERS NATIONAL BANK OF DETROIT, Detroit, Mich.  
 MANUFACTURERS TRUST COMPANY, New York City.  
 MARATHON CORPORATION, Rothschild, Wis.  
 MARATHON ELECTRIC MFG. CORP., Wausau, Wis.  
 MARBLE CLIFF QUARRIES COMPANY, Columbus, O.  
 MAREMONT AUTOMOTIVE PRODUCTS, INC., Chicago, Ill.  
 MARIETTA COLLEGE, Marietta, 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.  
 MARK (CLAYTON) & COMPANY, Evanston, Ill.  
 MARKEM MACHINE COMPANY, Keene, N. H.  
 MARLEY COMPANY, INC. (THE), Kansas City, Kan.  
 MARLIN-ROCKWELL CORPORATION, Jamestown, N. Y.  
 MARS, INC., Chicago, Ill.  
 MARSH & McLENNAN, INC., New York City.  
 MARSH FURNITURE COMPANY, High Point, N. C.  
 MARSHALL & ILSLEY BANK, Milwaukee, Wis.  
 MARSHALL FIELD & COMPANY, INC., Chicago, Ill.  
 MARTIN & SCHWARTZ, INC., Philadelphia, Pa.  
 MARTIN (WILLIS S.) COMPANY, Fort Wayne, Ind.  
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY, Cambridge, Mass.  
 MASSACHUSETTS INVESTORS TRUST, Boston, Mass.  
 MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY, Springfield, Mass.  
 MASSEY-HARRIS CO., INC., Racine, Wis.  
 MATERIAL SERVICE CORP., Chicago, Ill.  
 MATHER & Co., Philadelphia, Pa.  
 MATHEWS CONVEYER COMPANY, Ellwood City, Pa.  
 MATHIESON CHEMICAL CORPORATION, New York City.  
 MATSON NAVIGATION COMPANY, San Francisco, Cal.  
 MATTATUCK MFG. CO. (THE), Waterbury, Conn.  
 MATTHEWS MANUFACTURING CO., Worcester, Mass.  
 MATTISON MACHINE WORKS, Rockford, Ill.  
 MAVERICK-CLARKE LITHO COMPANY, San Antonio, Tex.  
 MAY COMPANY, Cleveland, O.  
 MAY DEPARTMENT STORES COMPANY, St. Louis, Mo.  
 MAYER (OSCAR) & Co., Chicago, Ill.  
 MAYTAG COMPANY, Newton, Ia.  
 McADOO & ALLEN, Philadelphia, Pa.



McALPIN, DAVID H., New York City.  
 McBEE COMPANY (THE), Athens, O.  
 McCALL CORPORATION, New York City.  
 McCANN-ERICKSON INC., New York City.  
 McCARTAN (J. R.) & COMPANY, Pittsburgh, Pa.  
 McCLATCHY NEWSPAPERS, Sacramento, Cal.  
 McCORD CORPORATION, Detroit, Mich.  
 McDONALD (A. Y.) MFG. CO., Dubuque, Ia.  
 McELWAIN (J. F.) COMPANY, Boston, Mass.  
 MCGILL MANUFACTURING COMPANY, INC., Valparaiso, Ind.  
 MCGILL UNIVERSITY, Montreal, Canada.  
 MCGRAW ELECTRIC COMPANY, Elgin, Ill.  
 MCGRAW-HILL PUBLISHING COMPANY, INC., New York City.  
 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.  
 McLOUTH STEEL CORPORATION, Detroit, Mich.  
 McMILLAN (THE REUBEN) FREE LIBRARY, Youngstown, O.  
 McNALLY PITTSBURG MFG. CORP. (THE), Pittsburg, Kan.  
 MEAD BROTHERS, INC., Miami Beach, Fla.  
 MEAD CARNEY & COMPANY, INC., New York City.  
 MEAD CORPORATION, Chillicothe, O.  
 MEDART COMPANY, St. Louis, Mo.  
 MEDUSA PORTLAND CEMENT COMPANY, Cleveland, O.  
 MELLON NATIONAL BANK AND TRUST COMPANY, Pittsburgh, Pa.  
 MELLON (T.) AND SONS, Pittsburgh, Pa.  
 MELVILLE SHOE CORPORATION, New York City.  
 MENGEL COMPANY (THE), Louisville, Ky.  
 MENNEN COMPANY, Newark, N. J.  
 MERCANTILE-COMMERCE BANK AND TRUST COMPANY, St. Louis, Mo.  
 MERCHANTS & MANUFACTURERS ASSOCIATION, Los Angeles, Cal.  
 MERCHANTS NATIONAL BANK OF BOSTON, Boston, Mass.  
 MERCHANTS REFRIGERATING COMPANY, New York City.  
 MERCK & CO., 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.  
 MESTA MACHINE COMPANY, Pittsburgh, Pa.  
 METAL & THERMIT CORPORATION, New York City.  
 METAL FORMING CORPORATION, Elkhart, Ind.  
 METALS DISINTEGRATING COMPANY, INC., Elizabeth, N. J.  
 METHODIST PUBLISHING HOUSE (THE), Nashville, Tenn.  
 METROPOLITAN EDISON COMPANY, Reading, Pa.  
 METROPOLITAN LIFE INSURANCE COMPANY, New York City.  
 METROPOLITAN UTILITIES DISTRICT, Omaha, Neb.  
 MEYER, EUGENE, Washington, D. C.  
 MEYER (GEO. J.) MANUFACTURING CO., Cudahy, Wis.  
 MEYER (H. H.) PACKING COMPANY (THE), Cincinnati, O.  
 MIAMI UNIVERSITY, Oxford, O.

MICHAELS, STERN & COMPANY, INC., Rochester, N. Y.  
 MICHIGAN CONSOLIDATED GAS COMPANY, Detroit, Mich.  
 MICHIGAN MANUFACTURERS' ASSOCIATION, Detroit, Mich.  
 MICHIGAN MUTUAL LIABILITY COMPANY, Detroit, Mich.  
 MICHIGAN STATE COLLEGE, East Lansing, Mich.  
 MICHIGAN STATE LIBRARY, Lansing, 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.  
 MIDVALE COMPANY (THE), Philadelphia, Pa.  
 MIDWEST CARBIDE CORPORATION, Keokuk, Ia.  
 MIDWEST PIPING AND SUPPLY Co., INC., St. Louis, Mo.  
 MIEHLE PRINTING PRESS & MANUFACTURING COMPANY, Chicago, Ill.  
 MILES LABORATORIES, INC., Elkhart, Ind.  
 MILK INDUSTRY FOUNDATION, Washington, D. C.  
 MILLER & RHOADS, INCORPORATED, Richmond, Va.  
 MILLER COMPANY, Meriden, Conn.  
 MILWAUKEE GAS SPECIALTY COMPANY, Milwaukee, Wis.  
 MILWAUKEE LACE PAPER COMPANY, Milwaukee, Wis.  
 MILWAUKEE PUBLIC LIBRARY, Milwaukee, Wis.  
 MILWAUKEE SOLVAY COKE COMPANY, Milwaukee, Wis.  
 MINE SAFETY APPLIANCES COMPANY, Pittsburgh, Pa.  
 MINNEAPOLIS GAS COMPANY, Minneapolis, Minn.  
 MINNEAPOLIS-HONEYWELL REGULATOR COMPANY, Minneapolis, Minn.  
 MINNEAPOLIS-MOLINE COMPANY, Minneapolis, Minn.  
 MINNEAPOLIS PUBLIC LIBRARY, Minneapolis, Minn.  
 MINNEAPOLIS STAR AND TRIBUNE COMPANY, Minneapolis, Minn.  
 MINNESOTA MINING & MANUFACTURING COMPANY, St. Paul, Minn.  
 MINNESOTA AND ONTARIO PAPER COMPANY, Minneapolis, Minn.  
 MINNESOTA POWER & LIGHT COMPANY, Duluth, Minn.  
 MISSION MANUFACTURING COMPANY, Houston, Tex.  
 MISSISQUOI CORPORATION, Sheldon Springs, Vt.  
 MISSISSIPPI AGRICULTURAL EXPERIMENT STATION, State College, Miss.  
 MISSISSIPPI POWER & LIGHT COMPANY, Jackson, Miss.  
 MISSISSIPPI STATE COLLEGE, State College, Miss.  
 MISSISSIPPI VALLEY STRUCTURAL STEEL Co., Chicago, Ill.  
 MISSISSIPPI VALLEY TRUST Co., St. Louis, Mo.  
 MISSOURI PACIFIC LINES, St. Louis, Mo.  
 MISSOURI PORTLAND CEMENT COMPANY, St. Louis, Mo.  
 MODINE MANUFACTURING COMPANY, Racine, Wis.  
 MOHAWK CARPET MILLS, INC., Amsterdam, N. Y.  
 MOLONEY ELECTRIC COMPANY, St. Louis, Mo.  
 MOLYBDENUM CORP. OF AMERICA, New York City.  
 MONARCH MACHINE TOOL Co., Sidney, O.  
 MONROE CALCULATING MACHINE COMPANY, Orange, N. J.  
 MONSANTO CHEMICAL COMPANY, St. Louis, Mo.  
 MONTAG STOVE & FURNACE WORKS, Portland, Ore.  
 MONTAGUE, GILBERT H., New York City.  
 MONTANA POWER COMPANY (THE), Butte, Montana.  
 MONTANA STATE UNIVERSITY, Missoula, Mont.  
 MONTCLAIR (TOWN OF), DEPARTMENT OF PUBLIC WORKS, Montclair, N. J.  
 MONTGOMERY WARD & COMPANY, INC., Chicago, Ill.  
 MONTREAL UNIVERSITY, Montreal, Quebec, Canada.



MOODY BIBLE INSTITUTE OF CHICAGO, (THE), Chicago, Ill.  
 MOORE (BENJAMIN) & Co., New York City.  
 MOORE CORPORATION, LIMITED, Toronto, Canada.  
 MOORE ENAMELING AND MANUFACTURING COMPANY (THE), West Lafayette, O.  
 MOORMAN MFG. Co., Quincy, Ill.  
 MORGAN CONSTRUCTION COMPANY, Worcester, Mass.  
 MORGAN (J. P.) & COMPANY, INC., New York City.  
 MORRELL (JOHN) & Co., Ottumwa, Ia.  
 MORRIS (PHILIP) & Co., LTD., INC., New York City.  
 MORTON, STERLING, Chicago, Ill.  
 MOTOR WHEEL CORPORATION, Lansing, Mich.  
 MOTOROLA INC., Chicago, Ill.  
 MOTORS METAL MANUFACTURING COMPANY, Detroit, Mich.  
 MOUNTAIN STATES EMPLOYERS COUNCIL, INC., Denver, Colo.  
 MOUNT VERNON BRIDGE COMPANY, Mount Vernon, O.  
 MT. VERNON-WOODBERRY MILLS, INC., Baltimore, Md.  
 MUELLER (C. F.) Co., Jersey City, N. J.  
 MUELLER (L. J.) FURNACE COMPANY, Milwaukee, Wis.  
 MUIRSON LABEL Co., INC., San Jose, Cal.  
 MULLINS MANUFACTURING CORPORATION, Salem, O.  
 MULTI-COLORTYPE COMPANY, Cincinnati, O.  
 MUNSINGWEAR, INC., Minneapolis, Minn.  
 MURRAY CORPORATION OF AMERICA, Detroit, Mich.  
 MURRAY (D. J.) MANUFACTURING Co., Wausau, Wis.  
 MURRAY MANUFACTURING CORPORATION, Brooklyn, N. Y.  
 MURRAY OHIO MANUFACTURING COMPANY, Cleveland, O.  
 MUSKEGON MANUFACTURERS ASSOCIATION, Muskegon, Mich.  
 MUTUAL BENEFIT LIFE INSURANCE COMPANY, Newark, N. J.  
 MUTUAL BUYING SYNDICATE, INC., New York City.  
 MUTUAL CHEMICAL COMPANY OF AMERICA, New York City.  
 MUTUAL IMPLEMENT AND HARDWARE INSURANCE COMPANY, Owatonna, Minn.  
 MUTUAL LIFE INSURANCE COMPANY OF NEW YORK, New York City.  
 MUTUAL TELEPHONE COMPANY, Honolulu, T. H.

NARRAGANSETT BREWING COMPANY, Providence, R. I.  
 NARROW FABRIC COMPANY, Reading, Pa.  
 NASH ENGINEERING COMPANY, South Norwalk, Conn.  
 NASH-KELVINATOR CORPORATION, Detroit, Mich.  
 NASHUA GUMMED & COATED PAPER COMPANY, Nashua, N. H.  
 NASHVILLE PUBLIC LIBRARY, Nashville, Tenn.  
 NATIONAL ASSOCIATION OF BROADCASTERS, Washington, D. C.  
 NATIONAL ASSOCIATION OF HOSIERY MANUFACTURERS, New York City.  
 NATIONAL ASSOCIATION OF MANUFACTURERS, New York City.  
 NATIONAL ASSOCIATION OF PHOTO-LITHOGRAPHERS, New York City.  
 NATIONAL ASSOCIATION OF PURCHASING AGENTS, New York City.  
 NATIONAL ASSOCIATION OF REAL ESTATE BOARDS, Washington, D. C.  
 NATIONAL ASSOCIATION OF WOOL MANUFACTURERS, Boston, Mass.  
 NATIONAL AUTOMATIC TOOL COMPANY, INC., Richmond, Ind.  
 NATIONAL BANK OF COMMERCE IN MEMPHIS, Memphis, Tenn.  
 NATIONAL BANK OF DETROIT, Detroit, Mich.  
 NATIONAL BATTERY COMPANY, St. Paul, Minn.  
 NATIONAL BISCUIT COMPANY, New York City.  
 NATIONAL BOARD OF FIRE UNDERWRITERS (THE), New York City.  
 NATIONAL BRASS COMPANY, Grand Rapids, Mich.

NATIONAL BREWERIES, LIMITED, Montreal, Canada.  
 NATIONAL BRUSH COMPANY, Aurora, Ill.  
 NATIONAL CAN CORPORATION, New York City.  
 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 COMMERCIAL BANK AND TRUST COMPANY OF ALBANY (THE), Albany,  
 N. Y.  
 NATIONAL CONFECTIONERS' ASSOCIATION, Chicago, Ill.  
 NATIONAL CYLINDER GAS COMPANY, Chicago, Ill.  
 NATIONAL DAIRY PRODUCTS CORPORATION, New York City.  
 NATIONAL DEVELOPMENT FOUNDATION OF SOUTH AFRICA, Johannesburg, South  
 Africa.  
 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 SALES EXECUTIVES, New York City.  
 NATIONAL FEDERATION OF TEXTILES, Inc., New York City.  
 NATIONAL FIRE INSURANCE COMPANY OF HARTFORD, Hartford, Conn.  
 NATIONAL FOREIGN TRADE COUNCIL, Inc., New York City.  
 NATIONAL FOUNDATION FOR INFANTILE PARALYSIS, INC. (THE), New York City.  
 NATIONAL FOUNDRY ASSOCIATION, Chicago, Ill.  
 NATIONAL FUSE AND POWDER CO., 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 LOCK WASHER COMPANY (THE), Newark, N. J.  
 NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION, Cleveland, O.  
 NATIONAL MACHINERY CO., Tiffin, O.  
 NATIONAL MALLEABLE AND STEEL CASTINGS COMPANY, Cleveland, O.  
 NATIONAL METAL TRADES ASSOCIATION, Chicago, Ill.  
 NATIONAL METAL TRADES ASSOCIATION, CONNECTICUT BRANCH, New Haven, Conn.  
 NATIONAL METAL TRADES ASSOCIATION, NEW YORK AND NEW JERSEY BRANCH,  
 New York City.  
 NATIONAL RADIATOR COMPANY, Johnstown, Pa.  
 NATIONAL RETAIL DRY GOODS ASSOCIATION, New York City.  
 NATIONAL SCREW & MANUFACTURING CO., Cleveland, O.  
 NATIONAL SCREW MACHINE PRODUCTS ASSOCIATION, 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 CO., Wilmington, Del.  
 NATIONAL WHOLESALE DRUGGISTS' ASSOCIATION, New York City.  
 NAZARETH CEMENT COMPANY, Nazareth, Pa.  
 NEHI CORPORATION, Columbus, Ga.  
 NEISLER MILLS, Inc., Kings Mountain, N. C.  
 NEPTUNE METER COMPANY, Long Island City, N. Y.



NESTLE COMPANY, INC. (THE), New York City.  
 NETTLETON TIMBER COMPANY, Seattle, Wash.  
 NEVILLE COMPANY (THE), Pittsburgh, Pa.  
 NEVINS-CHURCH PRESS, Glen Ridge, N. J.  
 NEW BEDFORD CORDAGE Co., New York City.  
 NEW BEDFORD RAYON COMPANY, New Bedford, Mass.  
 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 TAPE Co., INC., Hudson, Mass.  
 NEW ENGLAND TRUST COMPANY (THE), Boston, Mass.  
 NEW HAVEN CHAMBER OF COMMERCE, New Haven, Conn.  
 NEW HAVEN CLOCK AND WATCH COMPANY (THE), New Haven, Conn.  
 NEW HAVEN PULP AND BOARD COMPANY (THE), New Haven, Conn.  
 NEW HAVEN YMCA JUNIOR COLLEGE, New Haven, Conn.  
 NEW HOLLAND MACHINE DIVISION OF THE SPERRY CORPORATION, New Holland, Pa.  
 NEW JERSEY COLLEGE FOR WOMEN, New Brunswick, N. J.  
 NEW JERSEY MANUFACTURERS ASSOCIATION, Trenton, N. J.  
 NEW JERSEY POWER & LIGHT COMPANY, Dover, N. J.  
 NEW JERSEY STATE CHAMBER OF COMMERCE, Newark, N. J.  
 NEW JERSEY ZINC COMPANY, New York City.  
 NEW ORLEANS PUBLIC SERVICE INC., New Orleans, La.  
 NEW PROCESS COMPANY, Warren, Pa.  
 NEW PROCESS GEAR COMPANY, INC., Syracuse, 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 COAL SALES COMPANY, Columbus, O.  
 NEW YORK DOCK COMPANY, New York City.  
 NEW YORK EMPLOYING PRINTERS ASSOCIATION, INC., 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 SAVINGS BANK (THE), New York City.  
 NEW YORK SHIPPING ASSOCIATION, New York City.  
 NEW YORK STATE COUNCIL OF RETAIL MERCHANTS, INC., Albany, N. Y.  
 NEW YORK STATE, DEPARTMENT OF LABOR, New York City.  
 NEW YORK STATE LIBRARY, Albany, N. Y.  
 NEW YORK STATE PUBLISHERS ASSOCIATION, Syracuse, N. Y.  
 NEW YORK STATE SCHOOL OF INDUSTRIAL AND LABOR RELATIONS, Ithaca, N. Y.  
 NEW YORK STOCK EXCHANGE, New York City.  
 NEW YORK TIMES (THE), 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 YORK WORLD-TELEGRAM, New York City.  
 NEWARK PUBLIC LIBRARY, BUSINESS BRANCH, Newark, N. J.  
 NEWELL-EMMETT Co., New York City.  
 NEWMARKET MANUFACTURING COMPANY, Lowell, Mass.  
 NEWPORT NEWS SHIPBUILDING AND DRY DOCK COMPANY, Newport News, Va.  
 NEWPORT ROLLING MILL—DIVISION OF NEWPORT STEEL CORPORATION, Newport, Ky.



NEWS (THE), New York City.  
 NEWS PUBLISHING COMPANY, Fort Wayne, Ind.  
 NEWSOM (EARL) & COMPANY, New York City.  
 NEWSPRINT ASSOCIATION OF CANADA, Montreal, Canada.  
 NEWSWEEK, New York City.  
 NIAGARA ALKALI COMPANY, New York City.  
 NIAGARA HUDSON POWER CORPORATION, Syracuse, N. Y.  
 NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y.  
 NIAGARA WIRE WEAVING CO., LTD. (THE), Niagara Falls, Ontario, Canada.  
 NICHOLSON FILE COMPANY, Providence, R. I.  
 NIELSEN (A. C.) COMPANY, Chicago, Ill.  
 NILES-BEMENT-POND COMPANY, West Hartford, Conn.  
 NILSONS MASKIN AB, Sundbyberg, Sweden.  
 NOMA ELECTRIC CORPORATION, New York City.  
 NOMEND HOSIERY, INC., Philadelphia, Pa.  
 NOPCO CHEMICAL COMPANY, INC., Harrison, N. J.  
 NORANDA MINES, LIMITED, Toronto, Canada.  
 NORDBERG MANUFACTURING CO., Milwaukee, Wis.  
 NORFOLK AND WESTERN RAILWAY COMPANY, Roanoke, Va.  
 NORMA-HOFFMANN BEARINGS CORPORATION, Stamford, Conn.  
 NORTH AMERICAN AVIATION, INCORPORATED, Los Angeles, 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 AMERICAN RAYON CORPORATION, New York City.  
 NORTH & JUDD MANUFACTURING COMPANY, New Britain, Conn.  
 NORTH CAROLINA DEPARTMENT OF CONSERVATION AND DEVELOPMENT, Raleigh,  
 N. C.  
 NORTH CAROLINA MUTUAL LIFE INSURANCE COMPANY (THE), Durham, N. C.  
 NORTHEASTERN UNIVERSITY, Boston, Mass.  
 NORTHERN ELECTRIC COMPANY, LIMITED, Montreal, Quebec, Canada.  
 NORTHERN ENGINEERING WORKS, Detroit, Mich.  
 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 AIRCRAFT, INC., Hawthorne, Cal.  
 NORTHRUP, 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 LEATHER CO., Boston, Mass.  
 NORTHWESTERN MUTUAL LIFE INSURANCE COMPANY, Milwaukee, Wis.  
 NORTHWESTERN NATIONAL BANK OF MINNEAPOLIS, Minneapolis, Minn.  
 NORTHWESTERN NATIONAL LIFE INSURANCE COMPANY, Minneapolis, Minn.  
 NORTHWESTERN PUBLIC SERVICE COMPANY, Huron, S. D.  
 NORTHWESTERN STATES PORTLAND CEMENT COMPANY, Mason City, Ia.  
 NORTHWESTERN STEEL & WIRE COMPANY, Sterling, Ill.  
 NORTHWESTERN UNIVERSITY LIBRARY, Evanston, Ill.  
 NORTHWESTERN UNIVERSITY, THE JOS. SCHAFFNER LIBRARY, Chicago, Ill.  
 NORTON COMPANY, Worcester, Mass.



NORWICH PHARMACAL COMPANY (THE), Norwich, N. Y.  
 NUNN-BUSH SHOE COMPANY, Milwaukee, Wis.  
 OAKITE PRODUCTS INC., New York City.  
 OAKLAND PUBLIC LIBRARY, Oakland, Cal.  
 OBERDORFER FOUNDRIES, INC., Syracuse, N. Y.  
 OCCIDENTAL COLLEGE LIBRARY, Los Angeles, Cal.  
 OFFICE EMPLOYEES INTERNATIONAL UNION (AFL), Washington, D. C.  
 OGILVIE FLOUR MILLS CO. LIMITED, (THE), 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 FUEL GAS COMPANY (THE), Columbus, O.  
 OHIO LEATHER COMPANY, Girard, O.  
 OHIO OIL COMPANY, Findlay, O.  
 OHIO PUBLIC SERVICE COMPANY (THE), Cleveland, 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.  
 OHIO WESLEYAN UNIVERSITY, Delaware, O.  
 OKLAHOMA AGRICULTURAL & MECHANICAL COLLEGE, Stillwater, Okla.  
 OKLAHOMA GAS & ELECTRIC COMPANY, Oklahoma City, Okla.  
 OKLAHOMA PUBLISHING COMPANY, Oklahoma City, Okla.  
 OKONITE COMPANY, Passaic, N. J.  
 OLDBURY ELECTRO-CHEMICAL COMPANY, Niagara Falls, N. Y.  
 OLGA COAL COMPANY, Cleveland, O.  
 OLIN INDUSTRIES, INC., East Alton, Ill.  
 OLIVER CORPORATION (THE), Chicago, Ill.  
 OMAHA CHAMBER OF COMMERCE, Omaha, Neb.  
 OMAHA PUBLIC POWER DISTRICT, Omaha, Neb.  
 OMAR INCORPORATED, Omaha, Neb.  
 ONEIDA LIMITED, Oneida, N. Y.  
 ONONDAGA POTTERY COMPANY, Syracuse, N. Y.  
 ONTARIO PAPER CO., LIMITED (THE), Thorold, Ontario, Canada.  
 OPINION RESEARCH CORPORATION, Princeton, N. J.  
 OREGON STATE COLLEGE, Corvallis, Ore.  
 ORR & SEMBOWER, INC., Reading, Pa.  
 ORTHO PHARMACEUTICAL CORPORATION, Raritan, N. J.  
 OSBORN (C. D.) COMPANY (THE), Chicago, Ill.  
 OSBORN MANUFACTURING COMPANY, Cleveland, O.  
 OSHKOSH PUBLIC LIBRARY, Oshkosh, Wis.  
 OSTER MANUFACTURING COMPANY, Cleveland, O.  
 O'SULLIVAN RUBBER CORPORATION (THE), INC., Winchester, Va.  
 OSWEGO FALLS CORPORATION, Fulton, N. Y.  
 OTIS ELEVATOR COMPANY, New York City.  
 OTIS HIDDEN CO. INC. (THE), Louisville, Ky.  
 OVAL WOOD DISH CORPORATION, Tupper Lake, N. Y.  
 OWENS-CORNING FIBERGLAS CORPORATION, Toledo, O.  
 OWENS-ILLINOIS GLASS COMPANY, Toledo, O.  
 OX FIBRE BRUSH COMPANY, New York City.  
 OXFORD PAPER COMPANY, New York City.

PABST BREWING COMPANY, Chicago, Ill.  
 PACIFIC GAS AND ELECTRIC COMPANY, San Francisco, Cal.  
 PACIFIC MUTUAL LIFE INSURANCE COMPANY, Los Angeles, Cal.  
 PACIFIC NORTHWEST NEWSPAPER ASSOCIATION, Portland, Ore.  
 PACIFIC PRESS INC., Los Angeles, Cal.  
 PACIFIC PUBLIC SERVICE COMPANY, San Francisco, Cal.  
 PACIFIC PUMPS, INC., Huntington Park, Cal.  
 PACKAGE MACHINERY COMPANY, East Longmeadow, Mass.  
 PACKARD MOTOR CAR COMPANY, Detroit, Mich.  
 PAN AMERICAN AIRWAYS, INCORPORATED, New York City.  
 PAN AMERICAN PETROLEUM & TRANSPORT CO., New York City.  
 PANGBORN CORPORATION, Hagerstown, Md.  
 PAPEC MACHINE COMPANY, Shortsville, N. Y.  
 PAPER MANUFACTURERS COMPANY, Philadelphia, Pa.  
 PAPER MILL WIRE CLOTH MANUFACTURERS' ASSOCIATION, Washington, D. C.  
 PARAFFINE COMPANIES, INC. (THE), San Francisco, Cal.  
 PARAMOUNT PICTURES, INC., New York City.  
 PARENTS' INSTITUTE, INC., New York City.  
 PARKE, DAVIS & COMPANY, Detroit, Mich.  
 PARKER-KALON CORPORATION, New York City.  
 PARKER PEN COMPANY, Janesville, Wis.  
 PARKER, WILDER & CO., INC., New York City.  
 PARKINSON, ROYAL, Boston, Mass.  
 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.  
 PAYNE FURNACE COMPANY, Beverly Hills, Cal.  
 PEAT, MARWICK, MITCHELL & COMPANY, New York City.  
 PEAVEY (F. H.) & COMPANY, Minneapolis, Minn.  
 PECK & PECK, New York City.  
 PEERLESS CEMENT CORPORATION, Detroit, Mich.  
 PEMCO CORPORATION, Baltimore, Md.  
 PENN FRUIT COMPANY, INC., Philadelphia, Pa.  
 PENN METAL CORPORATION OF PENNSYLVANIA, Philadelphia, Pa.  
 PENN MUTUAL LIFE INSURANCE COMPANY, Philadelphia, Pa.  
 PENN STEEL CASTINGS COMPANY, Chester, Pa.  
 PENN STEVEDORING COMPANY, New York City.  
 PENNEY (J. C.) COMPANY, INC., New York City.  
 PENNSYLVANIA COAL COMPANY, Scranton, Pa.  
 PENNSYLVANIA COMPANY FOR BANKING AND TRUSTS (THE), Philadelphia, Pa.  
 PENNSYLVANIA-DIXIE CEMENT CORPORATION, New York City.  
 PENNSYLVANIA FORGE CORPORATION, Philadelphia, Pa.  
 PENNSYLVANIA GREYHOUND LINES, INC., Cleveland, O.  
 PENNSYLVANIA MANUFACTURERS' ASSOCIATION, Philadelphia, Pa.  
 PENNSYLVANIA OPTICAL CO., Reading, Pa.  
 PENNSYLVANIA POWER & LIGHT COMPANY, Allentown, 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 TRANSFORMER COMPANY, 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.  
 PEPPERDINE COLLEGE, Los Angeles, Cal.  
 PEPPERELL MANUFACTURING COMPANY, Boston, Mass.  
 PEPSI-COLA COMPANY, New York City.  
 PERFEX CORPORATION, Milwaukee, Wis.  
 PERMUTIT COMPANY, New York City.  
 PET MILK COMPANY, St. Louis, Mo.  
 PETER CAILLER KOHLER SWISS CHOCOLATES COMPANY, INC., Fulton, N. Y.  
 PFAUDLER COMPANY, Rochester, N. Y.  
 PFISTER & VOGEL TANNING COMPANY, Milwaukee, Wis.  
 PFIZER (CHAS.) & COMPANY, INC., New York City.  
 PHELPS DODGE CORPORATION, New York City.  
 PHEOLL MANUFACTURING COMPANY, Chicago, Ill.  
 PHILADELPHIA COMPANY, Pittsburgh, Pa.  
 PHILADELPHIA ELECTRIC COMPANY, Philadelphia, Pa.  
 PHILADELPHIA INQUIRER (THE), Philadelphia, Pa.  
 PHILADELPHIA NATIONAL BANK, Philadelphia, Pa.  
 PHILADELPHIA QUARTZ COMPANY, Philadelphia, Pa.  
 PHILADELPHIA AND READING COAL AND IRON COMPANY (THE), Philadelphia, Pa.  
 PHILADELPHIA TEXTILE MANUFACTURERS ASSOCIATION, 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.  
 PIASECKI HELICOPTER CORPORATION, Morton, Pa.  
 PICKANDS, MATHER & COMPANY, Cleveland, O.  
 PIERCE (S. S.) COMPANY, Boston, Mass.  
 PILLSBURY MILLS, INC., Minneapolis, Minn.  
 PINE INDUSTRIAL RELATIONS COMMITTEE, INC., Klamath Falls, Ore.  
 PINEAPPLE GROWERS ASSOCIATION OF HAWAII, San Francisco, Cal.  
 PIONEER SERVICE & ENGINEERING CO., Chicago, Ill.  
 PITNEY-BOWES, INC., Stamford, Conn.  
 PITTSBURGH BRIDGE & IRON WORKS, Pittsburgh, Pa.  
 PITTSBURGH CONSOLIDATION COAL COMPANY, Pittsburgh, Pa.  
 PITTSBURGH FORGINGS COMPANY, Pittsburgh, Pa.  
 PITTSBURGH & LAKE ERIE RAILROAD COMPANY, Pittsburgh, Pa.  
 PITTSBURGH PLATE GLASS COMPANY, Pittsburgh, Pa.  
 PITTSBURGH REFLECTOR CO., Pittsburgh, Pa.  
 PITTSBURGH SCREW AND BOLT CORPORATION, Pittsburgh, Pa.  
 PITTSBURGH STEEL COMPANY, Pittsburgh, Pa.  
 PITTSTON COMPANY, New York City.  
 PLOCAR (JOHN J.) COMPANY, Stamford, Conn.  
 PLUMB TOOL COMPANY, Los Angeles, Cal.  
 PLYMOUTH CORDAGE COMPANY, North Plymouth, Mass.  
 PNEUMATIC SCALE CORPORATION, LIMITED, North Quincy, Mass.  
 POCAHONTAS FUEL COMPANY INCORPORATED, New York City.  
 POLISH AMERICAN SUPPLY CORPORATION, New York City.  
 PONEMAH MILLS, Taftville, Conn.  
 POOR & COMPANY, Chicago, Ill.  
 PORCELAIN PRODUCTS, INC., Findlay, O.



PORTER-CABLE MACHINE COMPANY, Syracuse, N. Y.  
 PORTLAND CEMENT ASSOCIATION, Chicago, Ill.  
 PORTLAND GAS & COKE COMPANY, Portland, Ore.  
 PORT OF NEW YORK AUTHORITY (THE), New York City.  
 POSITION SECURING BUREAU, INC., New York City.  
 POTASH COMPANY OF AMERICA, Carlsbad, N. M.  
 POTOMAC EDISON COMPANY, Hagerstown, Md.  
 POTOMAC ELECTRIC POWER COMPANY, Washington, D. C.  
 POWDRELL & ALEXANDER, INC., Danielson, Conn.  
 POWELL RIVER COMPANY LIMITED, Powell River, British Columbia, Canada.  
 PRATT (ENOCH) FREE LIBRARY, Baltimore, Md.  
 PRECISION CASTINGS COMPANY, INC., Syracuse, N. Y.  
 PRECISION SCIENTIFIC COMPANY, Chicago, Ill.  
 PRECO INCORPORATED, Los Angeles, Cal.  
 PREFERRED ACCIDENT INSURANCE COMPANY, New York City.  
 PRESSED STEEL CAR COMPANY, INC., McKees Rocks, Pa.  
 PRESSED STEEL TANK COMPANY, Milwaukee, Wis.  
 PRESSPRICH (R. W.) & COMPANY, New York City.  
 PRICE (T. ROWE), AND ASSOCIATES, INC., Baltimore, Md.  
 PRICE, WATERHOUSE & COMPANY, New York City.  
 PRINCETON UNIVERSITY, ENGINEERING BUILDING LIBRARY, Princeton, N. J.  
 PRINTING INDUSTRY PARITY COMMITTEE FOR MONTREAL & DISTRICT, Montreal, Canada.  
 PRISCILLA BRAID COMPANY, Central Falls, R. I.  
 PRITZLAFF (JOHN) HARDWARE COMPANY, Milwaukee, Wis.  
 PROCTER & GAMBLE COMPANY, Cincinnati, O.  
 PROCTOR & SCHWARTZ, INC., Philadelphia, Pa.  
 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 OF PHILADELPHIA, Philadelphia, Pa.  
 PROVIDENT TRUST COMPANY OF PHILADELPHIA, Philadelphia, Pa.  
 PRUDENTIAL INSURANCE COMPANY OF AMERICA, Newark, N. J.  
 PUBLIC LIBRARY, Ann Arbor, Mich.  
 PUBLIC LIBRARY OF CINCINNATI, Cincinnati, O.  
 PUBLIC LIBRARY OF THE DISTRICT OF COLUMBIA (THE), Washington, D. C.  
 PUBLIC LOAN CORPORATION, St. Louis, Mo.  
 PUBLIC SERVICE COMPANY OF NORTHERN ILLINOIS, Chicago, Ill.  
 PUBLIC SERVICE COMPANY OF OKLAHOMA, Chickasha, Okla.  
 PUBLIC SERVICE ELECTRIC AND GAS COMPANY, Newark, N. J.  
 PUBLISHERS' ASSOCIATION OF NEW YORK CITY, New York City.  
 PUERTO RICO INDUSTRIAL DEVELOPMENT COMPANY, San Juan, Puerto Rico.  
 PUGET SOUND POWER & LIGHT COMPANY, Seattle, Wash.  
 PULLMAN INCORPORATED, Chicago, Ill.  
 PURDUE UNIVERSITY, Lafayette, Ind.  
 PURE OIL COMPANY, Chicago, Ill.  
 PUREX CORPORATION, LTD., South Gate, Cal.  
 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.  
QUALITY CASTINGS CO. (THE), Ottville, O.  
QUEENS BOROUGH PUBLIC LIBRARY, Jamaica, N. Y.

RACQUETTE RIVER PAPER COMPANY, Potsdam, N. Y.  
RADIO CORPORATION OF AMERICA, New York City.  
RADIOMARINE CORPORATION OF AMERICA, New York City.  
RAILWAY & INDUSTRIAL ENGINEERING COMPANY, Greensburg, Pa.  
RAILWAY BUSINESS ASSOCIATION, Chicago, Ill.  
RAILWAY EMPLOYEES' DEPARTMENT, A. F. OF L., Chicago, Ill.  
RAILWAY EXPRESS AGENCY, INCORPORATED, New York City.  
RAILWAY SUPPLY & MANUFACTURING CO. (THE), Cincinnati, O.  
RAMOND (ALBERT) & ASSOCIATES, INC., Chicago, Ill.  
RANDALL COMPANY (THE), Cincinnati, O.  
RAND McNALLY & COMPANY, Chicago, Ill.  
RATH & STRONG, INC., Boston, Mass.  
RATH PACKING COMPANY, Waterloo, Ia.  
RAYBESTOS-MANHATTAN, INC., Passaic, N. J.  
RAYMOND CONCRETE PILE COMPANY, New York City.  
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 JACKET MANUFACTURING CO., Davenport, Ia.  
RED LION CABINET CO., Red Lion, Pa.  
RED STAR YEAST AND PRODUCTS COMPANY, Milwaukee, Wis.  
REECE CORPORATION (THE), Boston, Mass.  
REED & BARTON CORPORATION, Taunton, Mass.  
REED-PRENTICE CORPORATION, Worcester, Mass.  
REGINA CORPORATION (THE), 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.  
REO MOTOR COMPANY OF CANADA, LTD., Toronto, Canada.  
REO MOTORS, INC., Lansing, Mich.  
REPUBLIC AVIATION CORPORATION, Farmingdale, N. Y.  
REPUBLIC DRILL AND TOOL COMPANY, Chicago, Ill.  
REPUBLIC FLOW METERS CO., Chicago, Ill.  
REPUBLIC NATIONAL BANK OF DALLAS, Dallas, Tex.  
REPUBLIC STEEL CORPORATION, Cleveland, O.  
REPUBLICAN NATIONAL COMMITTEE, Washington, D. C.  
RESOR, STANLEY, New York City.  
REVERE COPPER AND BRASS INCORPORATED, New York City.  
REVERE (THE PAUL) LIFE INSURANCE COMPANY, Worcester, Mass.  
REXALL DRUG COMPANY, Los Angeles, Cal.  
REYNOLDS & COMPANY, New York City.  
REYNOLDS METALS COMPANY, Richmond, Va.  
REYNOLDS (R. J.) TOBACCO COMPANY, Winston-Salem, N. C.  
RHEEM MANUFACTURING COMPANY, New York City.  
RHODE ISLAND HOSPITAL NATIONAL BANK, Providence, R. I.  
RHODE ISLAND STATE COLLEGE, Kingston, R. I.

RHODES HOUSE LIBRARY, Oxford, England.  
 RICHARDS (FLETCHER D.), INC., New York City.  
 RICHARDSON COMPANY (THE), Melrose Park, Ill.  
 RICHARDSON CORPORATION, Rochester, N. Y.  
 RICHMAN BROTHERS CO. (THE), Cleveland, O.  
 RIEGEL PAPER CORPORATION, New York City.  
 RIGGS NATIONAL BANK OF WASHINGTON, D. C. (THE), 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 METAL COMPANY, Riverside, N. J.  
 RIVERSIDE PAPER CORPORATION, Appleton, Wis.  
 ROBBINS & MYERS, INC., Springfield, O.  
 ROBERTS & MANDER CORPORATION, Hatboro, Pa.  
 ROBERTSHAW-FULTON CONTROLS COMPANY, Greensburg, Pa.  
 ROBERTSON (ALEX) COMPANY, Paramount, Cal.  
 ROBERTSON (H. H.) COMPANY, Pittsburgh, Pa.  
 ROBERTSON (JOHN) CO., INC., Brooklyn, N. Y.  
 ROBESON PROCESS COMPANY, New York City.  
 ROCHESTER & PITTSBURGH COAL COMPANY, Indiana, Pa.  
 ROCHESTER BUTTON COMPANY, Rochester, N. Y.  
 ROCHESTER GAS AND ELECTRIC CORPORATION, Rochester, N. Y.  
 ROCHESTER TELEPHONE CORPORATION, Rochester, N. Y.  
 ROCK OF AGES CORPORATION, Barre, Vt.  
 ROCKBESTOS PRODUCTS CORPORATION, New Haven, Conn.  
 ROCKEFELLER, JOHN D., JR., New York City.  
 ROCKHURST COLLEGE LIBRARY, Kansas City, Mo.  
 ROCKLAND LIGHT AND POWER COMPANY, Nyack, N. Y.  
 ROCKWELL MANUFACTURING COMPANY, Pittsburgh, Pa.  
 ROCKY MOUNTAIN DRILLING COMPANY, Los Angeles, Cal.  
 ROEBLING'S (JOHN A.) SONS COMPANY, Trenton, N. J.  
 ROGERS & SLADE, New York City.  
 ROGERS CORPORATION, Manchester, Conn.  
 ROHM & HAAS COMPANY, Philadelphia, Pa.  
 ROME CABLE CORPORATION, Rome, N. Y.  
 RONAN (T. J.) CO., INC., New York City.  
 RONSON ART METAL WORKS, INC., Newark, N. J.  
 ROOSEVELT COLLEGE OF CHICAGO, Chicago, Ill.  
 ROOTS-CONNERSVILLE BLOWER CORPORATION, Connerville, Ind.  
 ROPES, GRAY, BEST, COOLIDGE & RUGG, Boston, Mass.  
 ROTARY LIFT COMPANY, Memphis, Tenn.  
 ROY (ROSS), INC., Detroit, Mich.  
 ROYAL-LIVERPOOL GROUPS, New York City.  
 ROYAL TYPEWRITER COMPANY, INC., New York City.  
 RUBBER MANUFACTURERS ASSOCIATION, New York City.  
 RUBINSTEIN (HELENA) INC., New York City.  
 RUDGE (FRED), INC., New York City.  
 RUMFORD DIVISION—HEYDEN CHEMICAL CORPORATION, Rumford, R. I.  
 RUNDLE MANUFACTURING COMPANY, Milwaukee, Wis.  
 RUSSELL, BERG & COMPANY, Boston, Mass.  
 RUSSELL MANUFACTURING COMPANY, Middletown, Conn.  
 RUSSELL SAGE FOUNDATION, New York City.  
 RUST CRAFT PUBLISHERS, Boston, Mass.



RUTGERS UNIVERSITY, New Brunswick, N. J.  
RYAN, PAUL, Larchmont, N. Y.  
RYERSON (JOSEPH T.) & SON, INC., Chicago, Ill.

S K F INDUSTRIES, INC., Philadelphia, Pa.  
S & W FINE FOODS, INC., San Francisco, Cal.  
SACO-LOWELL SHOPS, Boston, Mass.  
SAFE DEPOSIT & TRUST COMPANY OF BALTIMORE, Baltimore, Md.  
SAFEWAY STORES, INCORPORATED, Oakland, Cal.  
SAHARA COAL COMPANY, Chicago, Ill.  
SALOMON BROS. & HUTZLER, New York City.  
SAN EQUIP, INC., Syracuse, N. Y.  
ST. LOUIS NEWSPAPER PUBLISHERS' ASSOCIATION, St. Louis, Mo.  
ST. LOUIS POST-DISPATCH, St. Louis, Mo.  
ST. LOUIS PUBLIC LIBRARY, St. Louis, Mo.  
ST. LOUIS PUBLIC SERVICE COMPANY, 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.  
SAMSON CORDAGE WORKS, Boston, Mass.  
SAN DIEGO GAS & ELECTRIC COMPANY, San Diego, Cal.  
SAN FRANCISCO BANK (THE), San Francisco, Cal.  
SAN FRANCISCO CHRONICLE, San Francisco, Cal.  
SAN FRANCISCO EMPLOYERS COUNCIL, San Francisco, Cal.  
SAN FRANCISCO PUBLIC LIBRARY, San Francisco, Cal.  
SANBORN COMPANY, Cambridge, Mass.  
SANGAMO ELECTRIC COMPANY, Springfield, Ill.  
SAPOLIN PAINTS, INC., New York City.  
SARGENT & COMPANY, New Haven, Conn.  
SAVAGE ARMS CORPORATION, Utica, N. Y.  
SAVINGS BANKS TRUST COMPANY, New York City.  
SAWYER, ALBERT E., New York City.  
SAYLES FINISHING PLANTS, INC., Saylesville, R. I.  
SAYRE (BENEDICT M.) & Co., Chicago, Ill.  
SCHAEFER (THE F. & M.) BREWING Co., Brooklyn, N. Y.  
SCHAPIRO (S.) AND SONS, INC., Baltimore, Md.  
SCHENLEY INDUSTRIES, INC., New York City.  
SCHERING CORPORATION, Bloomfield, N. J.  
SCHIEFFELIN & COMPANY, New York City.  
SCHLAGE LOCK COMPANY, San Francisco, Cal.  
SCHLITZ (JOS.) BREWING COMPANY, Milwaukee, Wis.  
SCHLUDERBERG (THE WM.)-T. J. KURDLE Co., Baltimore, Md.  
SCHMIDT & AULT PAPER Co., York, Pa.  
SCHULTZ DIE CASTING COMPANY, Toledo, O.  
SCHULZ (A. GEO.) COMPANY, Milwaukee, Wis.  
SCHUSTER (ED.) & Co., INC., Milwaukee, Wis.  
SCHUTT, HAROLD S., Wilmington, Del.  
SCIENTIFIC APPARATUS MAKERS ASSOCIATION, Chicago, Ill.  
SCOTT (O. M.) AND SONS COMPANY, Marysville, O.  
SCOTT PAPER COMPANY, Chester, Pa.  
SCOTT TRAFFIC CONSULTANTS, Pittsburgh, Pa.  
SCOTT, WALTER, Sydney, New South Wales, Australia.

SCOTT & WILLIAMS, INC., Laconia, N. H.  
 SCOVELL, WELLINGTON & COMPANY, New York City.  
 SCOVILL MANUFACTURING COMPANY, Waterbury, Conn.  
 SCRANTON (CHAS. W.) & Co., New Haven, Conn.  
 SCUDDER, STEVENS & CLARK, New York City.  
 SEAGRAM (JOSEPH E.) & SONS, INC., New York City.  
 SEAGRAVE CORPORATION, Columbus, O.  
 SEARLE (G. D.) & Co., Chicago, Ill.  
 SEARS, ROEBUCK AND COMPANY, Chicago, Ill.  
 SEATTLE COLLEGE LIBRARY, Seattle, Wash.  
 SEATTLE GAS COMPANY, Seattle, Wash.  
 SEATTLE PUBLIC LIBRARY, Seattle, Wash.  
 SECOND NATIONAL BANK OF NEW HAVEN (THE), New Haven, Conn.  
 SECURITY BANKERS MANAGEMENT CORPORATION, Wilmington, Del.  
 SECURITY ENGINEERING Co., INC., Whittier, Cal.  
 SECURITY-FIRST NATIONAL BANK OF LOS ANGELES, Los Angeles, Cal.  
 SECURITY INSURANCE COMPANY OF NEW HAVEN, New Haven, Conn.  
 SEEGER REFRIGERATOR COMPANY, Evansville, Ind.  
 SEGAL (MARTIN E.) & COMPANY, New York City.  
 SEIBERLING RUBBER COMPANY, Akron, O.  
 SEIDMAN & SEIDMAN, New York City.  
 SEISMOGRAPH SERVICE CORPORATION, Tulsa, Okla.  
 SELBY SHOE COMPANY, Portsmouth, O.  
 SELIGMAN & SELIGMAN, New York City.  
 SENECA FALLS MACHINE COMPANY, Seneca Falls, N. Y.  
 SERVEL, INC., Evansville, Ind.  
 SESSIONS (J. H.) & SON, Bristol, Conn.  
 SEVEN-UP COMPANY (THE), St. Louis, Mo.  
 SEYFARTH, SHAW & FAIRWEATHER, Chicago, Ill.  
 SEYMOUR MANUFACTURING COMPANY (THE), Seymour, Conn.  
 SHAPLEIGH HARDWARE COMPANY, St. Louis, Mo.  
 SHARPE & DOHME, INC., Philadelphia, Pa.  
 SHARPLES CORPORATION, Philadelphia, Pa.  
 SHAWINIGAN WATER & POWER COMPANY, Montreal, Canada.  
 SHAW-WALKER COMPANY, Muskegon, Mich.  
 SHEAFFER (W. A.) PEN COMPANY, Fort Madison, Ia.  
 SHEARSON, HAMMILL & COMPANY, New York City.  
 SHEFFIELD FARMS COMPANY, INC., New York City.  
 SHELBY SALESBK COMPANY (THE), Shelby, O.  
 SHELL OIL COMPANY, INCORPORATED, New York City.  
 SHELLMAR PRODUCTS COMPANY, Mount Vernon, O.  
 SHENANGO FURNACE COMPANY, Pittsburgh, Pa.  
 SHEPARD ELEVATOR COMPANY, INC. (THE), Cincinnati, O.  
 SHEPARD NILES CRANE & HOIST CORPORATION, Montour Falls, N. Y.  
 SHERMAN FAIRCHILD & ASSOCIATES, New York City.  
 SHERWIN-WILLIAMS COMPANY, Cleveland, O.  
 SHULER & BENNINGHOFFEN, Hamilton, O.  
 SHULTON, INCORPORATED, Clifton, N. J.  
 SHULTZ FOLDING BOX Co., INC., St. Louis, Mo.  
 SHWAYDER BROTHERS, INC., Detroit, Mich.  
 SIGNAL ENGINEERING AND MFG. COMPANY, New York City.  
 SIGNAL OIL AND GAS COMPANY, Los Angeles, Cal.  
 SIGNODE STEEL STRAPPING COMPANY, Chicago, Ill.  
 SILEX COMPANY (THE), Hartford, Conn.



SIMMONS-BOARDMAN PUBLISHING CORPORATION, New York City.  
 SIMMONS, GRANT G., New York City.  
 SIMONDS SAW & STEEL COMPANY, Fitchburg, Mass.  
 SIMONS (GUSTAVE), New York City.  
 SIMPSON, HAWLEY S., Philadelphia, Pa.  
 SIMPSON LOGGING COMPANY, Seattle, Wash.  
 SIMPSON (THE ROBERT) COMPANY, LIMITED, Toronto, Ontario, Canada.  
 SINCLAIR OIL CORPORATION, New York City.  
 SINGER MANUFACTURING COMPANY, New York City.  
 SISALKRAFT Co. (THE), Chicago, Ill.  
 SIXTY WALL TOWER, INC., New York City.  
 SLATER MANUFACTURING CO., INC., Greensboro, N. C.  
 SLOANE-BLABON CORPORATION, Trenton, N. J.  
 SLOANE (W. & J.), New York City.  
 SLOSS-SHEFFIELD STEEL & IRON COMPANY, Birmingham, Ala.  
 SMITH (ALEXANDER) & SONS CARPET CO., Yonkers, N. Y.  
 SMITH (A. O.) CORPORATION, Milwaukee, Wis.  
 SMITH (A. P.) MANUFACTURING COMPANY, East Orange, N. J.  
 SMITH BROTHERS, INC., Poughkeepsie, N. Y.  
 SMITH (HOWARD) PAPER MILLS LIMITED, Montreal, Canada.  
 SMITH (J. P.) SHOE CO., Chicago, Ill.  
 SMITH, KLINE & FRENCH LABORATORIES, Philadelphia, Pa.  
 SMITH (L. C.) & CORONA TYPEWRITERS, INC., Syracuse, N. Y.  
 SMITH, PURCELL L., Washington, D. C.  
 SMITH (S. MORGAN) COMPANY, York, Pa.  
 SMITH (THOMAS) COMPANY, Worcester, Mass.  
 SMYTH MANUFACTURING COMPANY, Hartford, Conn.  
 SNAP-ON TOOLS CORPORATION, Kenosha, Wis.  
 SOCIETY FOR SAVINGS IN THE CITY OF CLEVELAND, Cleveland, O.  
 SOCONY-VACUUM OIL COMPANY, INC., New York City.  
 SOKOLSKY (GEORGE E.), New York City.  
 SOLAR AIRCRAFT COMPANY, San Diego, Cal.  
 SOLAR CORPORATION, Milwaukee, Wis.  
 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.  
 SONORA PRODUCTS COMPANY, San Francisco, Cal.  
 SONOTONE CORPORATION, Elmsford, N. Y.  
 SOUTH BEND PUBLIC LIBRARY, South Bend, Ind.  
 SOUTH CAROLINA POWER COMPANY, Charleston, S. C.  
 SOUTH CAROLINA STATE CHAMBER OF COMMERCE, Columbia, S. C.  
 SOUTHEAST WHOLESALE FURNITURE CO., Atlanta, Ga.  
 SOUTHERN ALKALI CORPORATION, Corpus Christi, Tex.  
 SOUTHERN CALIFORNIA AIRCRAFT INDUSTRY COMMITTEE, Los Angeles, Cal.  
 SOUTHERN CALIFORNIA EDISON COMPANY, LTD., Los Angeles, Cal.  
 SOUTHERN CALIFORNIA GAS COMPANY, Los Angeles, Cal.  
 SOUTHERN COAL COMPANY, INC., Memphis, Tenn.  
 SOUTHERN COAL PRODUCERS' ASSOCIATION, Washington, D. C.  
 SOUTHERN ILLINOIS UNIVERSITY, Carbondale, Ill.  
 SOUTHERN METHODIST UNIVERSITY, FONDREN LIBRARY, Dallas, Tex.  
 SOUTHERN NATURAL GAS COMPANY, Birmingham, Ala.  
 SOUTHERN PINE ASSOCIATION, New Orleans, La.  
 SOUTHERN RAILWAY SYSTEM, Washington, D. C.

SOUTHWESTERN AT MEMPHIS, Memphis, Tenn.  
 SPALDING (A. G.) & Bros., Inc., Chicopee, Mass.  
 SPARTAN AIRCRAFT COMPANY, Tulsa, Okla.  
 SPARTAN MILLS, Spartanburg, S. C.  
 SPAULDING FIBRE COMPANY, INC., Tonawanda, N. Y.  
 SPAULDING-MOSS COMPANY, Boston, Mass.  
 SPECIALTY PAPERS COMPANY, Dayton, O.  
 SPEER CARBON COMPANY, St. Marys, Pa.  
 SPEIDEL CORPORATION, Providence, R. I.  
 SPENCER CHEMICAL COMPANY, Kansas City, Mo.  
 SPERRY CORPORATION (THE), New York City.  
 SPERRY PRODUCTS INC., Danbury, Conn.  
 SPICER MANUFACTURING—DIVISION OF DANA CORPORATION, Toledo, O.  
 SPOKANE PUBLIC LIBRARY, Spokane, Wash.  
 SPONGE RUBBER PRODUCTS (THE), Shelton, Conn.  
 SPOOL COTTON COMPANY, New York City.  
 SPORTING ARMS AND AMMUNITION MANUFACTURERS' INSTITUTE, New York City.  
 SPRAGUE ELECTRIC COMPANY, North Adams, Mass.  
 SQUARE D COMPANY, Detroit, Mich.  
 SQUIBB (E. R.) & SONS, Brooklyn, N. Y.  
 STACEY BROS. GAS CONSTRUCTION CO. (THE), Cincinnati, O.  
 STACKPOLE CARBON COMPANY, St. Marys, Elk Co., Pa.  
 STANDARD ACCIDENT INSURANCE COMPANY, Detroit, Mich.  
 STANDARD BRANDS, INCORPORATED, New York City.  
 STANDARD CAP AND SEAL CORPORATION, Brooklyn, N. Y.  
 STANDARD CHEMICAL COMPANY, LIMITED, Toronto, Canada.  
 STANDARD DREDGING CORPORATION, New York City.  
 STANDARD FORGINGS CORPORATION, East Chicago, Ind.  
 STANDARD FURNITURE COMPANY, Herkimer, N. Y.  
 STANDARD OIL COMPANY (INDIANA), Chicago, Ill.  
 STANDARD OIL COMPANY (INCORPORATED IN KENTUCKY), Louisville, Ky.  
 STANDARD OIL COMPANY OF CALIFORNIA, San Francisco, Cal.  
 STANDARD OIL COMPANY (NEW JERSEY), New York City.  
 STANDARD OIL COMPANY (OHIO), Cleveland, O.  
 STANDARD PAPER BOX CORPORATION, Los Angeles, Cal.  
 STANDARD PRESSED STEEL CO., Jenkintown, Pa.  
 STANDARD RAILWAY EQUIPMENT MANUFACTURING COMPANY, Chicago, Ill.  
 STANDARD REGISTER COMPANY, Dayton, O.  
 STANDARD STOKER COMPANY (THE), INC., New York City.  
 STANDARD TOOL CO., Cleveland, O.  
 STANDARD TOOL AND MANUFACTURING CO., Arlington, N. J.  
 STANDARD TRANSFORMER CORPORATION, Chicago, Ill.  
 STANFORD UNIVERSITY LIBRARIES, Stanford University, Cal.  
 STANLEY WORKS (THE), New Britain, Conn.  
 STANOLIND OIL AND GAS COMPANY, Tulsa, Okla.  
 STAPLING MACHINES CO., Rockaway, N. J.  
 STAR BRUSH MANUFACTURING CO., INC., Boston, Mass.  
 STAR DRILLING MACHINE COMPANY (THE), Akron, O.  
 STAR ELECTRIC MOTOR COMPANY, Bloomfield, N. J.  
 STARRETT (THE L. S.) COMPANY, Athol, Mass.  
 STATE COLLEGE OF WASHINGTON, Pullman, Wash.  
 STATE FARM MUTUAL AUTOMOBILE INSURANCE CO., Bloomington, Ill.  
 STATE MUTUAL LIFE ASSURANCE COMPANY, INC., Worcester, Mass.  
 STATE UNIVERSITY OF IOWA (THE), Iowa City, Ia.



STAUFFER CHEMICAL COMPANY, INC., New York City.  
 STECHER-TRAUNG LITHOGRAPH CORPORATION, Rochester, N. Y.  
 STECK COMPANY (THE), Austin, Tex.  
 STEEL COMPANY OF CANADA, LIMITED (THE), Hamilton, Ontario, Canada.  
 STEEL HEDDLE MFG. CO., Philadelphia, Pa.  
 STEFFEN DAIRY FOODS CO., Wichita, Kan.  
 STEINWAY & SONS, New York City.  
 STEPHANO BROTHERS, Philadelphia, Pa.  
 STETSON (JOHN B.) COMPANY, Philadelphia, Pa.  
 STEVENS INSTITUTE OF TECHNOLOGY, Hoboken, N. J.  
 STEVENSON, JORDAN & HARRISON, INC., New York City.  
 STEWART DRY GOODS CO., INC., Louisville, Ky.  
 STEWART HARTSHORN CO., New York City.  
 STEWART-WARNER CORPORATION, Chicago, Ill.  
 STIFEL (J. L.) & SONS, INC., Wheeling, W. Va.  
 STILLWATER WORSTED MILLS, INC., Harrisville, R. I.  
 STIX, BAER AND FULLER COMPANY, St. Louis, Mo.  
 STOCKHAM PIPE FITTINGS COMPANY, Birmingham, Ala.  
 STOCKTON BOX COMPANY, INC., Stockton, Cal.  
 STOKES MOLDED PRODUCTS, INC., Trenton, N. J.  
 STOKES, W. E. D., JR., Lenox, Mass.  
 STOLPER STEEL PRODUCTS CORPORATION, Milwaukee, Wis.  
 STONE & WEBSTER, INC., New York City.  
 STOP & SHOP, INC., Boston, Mass.  
 STOFFER 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.  
 STROBRIDGE LITHOGRAPHING COMPANY, Cincinnati, O.  
 STROMBERG-CARLSON COMPANY, Rochester, N. Y.  
 STROOCK (S.) & CO., INC., New York City.  
 STRUTWEAR, INC., Minneapolis, Minn.  
 STUDEBAKER CORPORATION, South Bend, Ind.  
 STUDLEY, SHUPERT & COMPANY, Boston, Mass.  
 STUPP BROTHERS BRIDGE & IRON COMPANY, St. Louis, Mo.  
 SULZER BROS. LTD., New York City.  
 SUN CHEMICAL CORPORATION, Long Island City, N. Y.  
 SUN OIL COMPANY, Philadelphia, Pa.  
 SUN SHIPBUILDING & DRY DOCK COMPANY, Chester, Pa.  
 SUNBEAM CORPORATION, Chicago, Ill.  
 SUNNEN PRODUCTS COMPANY, St. Louis, Mo.  
 SUNROC REFRIGERATION COMPANY, Glen Riddle, Pa.  
 SUNSHINE BISCUITS, INC., Long Island City, N. Y.  
 SUPER SERVICE MOTOR FREIGHT CO., Nashville, Tenn.  
 SUPERIOR COACH CORPORATION, Lima, O.  
 SUPERIOR FOUNDRY, INC., Cleveland, O.  
 SUPERIOR SCHOOL OF COMMERCE, Quebec, Canada.  
 SURFACE COMBUSTION CORPORATION, Toledo, O.  
 SURPASS LEATHER COMPANY, Philadelphia, Pa.  
 SURVEYER, NENNIGER & CHENEVERT, Montreal, Ontario, Canada.  
 SUSQUEHANNA MILLS, INCORPORATED, New York City.  
 SUTHERLAND PAPER COMPANY, Kalamazoo, Mich.  
 SVENSKA ARBETSGIVAREFORENINGEN, Stockholm, Sweden.

SWANK, INC., Attleboro, Mass.  
SWIFT & COMPANY, Chicago, Ill.  
SYLVANIA ELECTRIC PRODUCTS, INC., Flushing, N. Y.  
SYMINGTON-GOULD CORPORATION, Rochester, N. Y.  
SYNTRON COMPANY, Homer City, Pa.  
SYRACUSE CHAMBER OF COMMERCE, Syracuse, N. Y.  
SYRACUSE UNIVERSITY LIBRARY, Syracuse, N. Y.

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.  
TATA IRON & STEEL COMPANY (THE), LTD., Calcutta, India.  
TAX FOUNDATION INC., New York City.  
TAYLOR FIBRE CO., Norristown, Pa.  
TAYLOR FORGE & PIPE WORKS, Chicago, Ill.  
TAYLOR INSTRUMENT COMPANIES, Rochester, N. Y.  
TECNICA INDUSTRIAL, S. A., Monterrey, Mexico.  
TELAUTOGRAPH CORPORATION, New York City.  
TEMPLE UNIVERSITY, Philadelphia, Pa.  
TENNESSEE CORPORATION, New York City.  
TENNESSEE EASTMAN CORPORATION, Kingsport, Tenn.  
TENNESSEE GAS TRANSMISSION COMPANY, Houston, Tex.  
TERRIBERRY (G. GILSON) CO. (THE), New York City.  
TERRY STEAM TURBINE COMPANY, Hartford, Conn.  
TEXAS COMPANY (THE), New York City.  
TEXAS ELECTRIC SERVICE COMPANY, Fort Worth, Tex.  
TEXAS EMPLOYERS' INSURANCE ASSOCIATION, Dallas, Tex.  
TEXAS GULF SULPHUR COMPANY, INC., New York City.  
TEXAS INDUSTRIAL CONFERENCE, Dallas, Tex.  
TEXTILE MACHINE WORKS, Reading, Pa.  
TEXTILELEATHER CORPORATION, Toledo, O.  
TEXTILES, INCORPORATED, Gastonia, N. C.  
TEXTRON INCORPORATED, New York City.  
THERMOID COMPANY, Trenton, N. J.  
THEW SHOVEL COMPANY, Lorain, O.  
THOMAS & BETTS COMPANY, INC., Elizabeth, N. J.  
THOMAS, ALFRED F., New York City.  
THOMPSON (JOHN R.) CO., Chicago, Ill.  
THOMPSON MAHOGANY COMPANY, Philadelphia, Pa.  
THOMPSON PRODUCTS, INC., Cleveland, O.  
THOR CORPORATION, Chicago, Ill.  
TIDE WATER ASSOCIATED OIL COMPANY, New York City.  
TIME INCORPORATED, New York City.  
TIMKEN-DETROIT AXLE COMPANY (THE), Detroit, Mich.  
TIMKEN ROLLER BEARING COMPANY, Canton, O.  
TIN PROCESSING CORPORATION, Texas City, Tex.  
TITAN METAL MANUFACTURING COMPANY, Bellefonte, Pa.  
TOKHEIM OIL TANK AND PUMP COMPANY, Fort Wayne, Ind.  
TOLEDO BLADE COMPANY (THE), Toledo, O.  
TOLEDO CHAMBER OF COMMERCE, Toledo, O.  
TOLEDO EDISON COMPANY, Toledo, O.  
TOLEDO PUBLIC LIBRARY, Toledo, O.



TOOL STEEL GEAR & PINION COMPANY, Cincinnati, O.  
 TORONTO STAR LIMITED (THE), Toronto, Ontario, Canada.  
 TORRINGTON COMPANY, Torrington, Conn.  
 TOUCHE, NIVEN, BAILEY & SMART, New York City.  
 TOWERS, PERRIN, FORSTER & CROSBY, INC., Philadelphia, Pa.  
 TOWLE MANUFACTURING COMPANY, Newburyport, Mass.  
 TOWNSEND-SKINNER AND COMPANY, New York City.  
 TRACKSON COMPANY, Milwaukee, Wis.  
 TRADESMENS NATIONAL BANK AND TRUST COMPANY, Philadelphia, Pa.  
 TRAILMOBILE COMPANY (THE), Cincinnati, O.  
 TRANSPORTATION ASSOCIATION OF AMERICA, Chicago, Ill.  
 TRAVELERS INSURANCE COMPANY, Hartford, Conn.  
 TRAYLOR ENGINEERING & MANUFACTURING COMPANY, Allentown, Pa.  
 TREMCO MANUFACTURING COMPANY, Cleveland, O.  
 TRILSCH (OSCAR) COMPANY, Whitestone, N. Y.  
 TRISTATE INDUSTRIAL ASSOCIATION, INC., Pittsburgh, Pa.  
 TROJAN POWDER COMPANY, Allentown, Pa.  
 TROSTEL (ALBERT) & SONS COMPANY, Milwaukee, Wis.  
 TROY SAVINGS BANK, Troy, N. Y.  
 TRUBEK LABORATORIES (THE), East Rutherford, N. J.  
 TUBE TURNS, INC., Louisville, Ky.  
 TUFTS COLLEGE LIBRARY, Medford, Mass.  
 TULANE UNIVERSITY OF LOUISIANA (THE), New Orleans, La.  
 TUNG-SOL LAMP WORKS, INC., Newark, N. J.  
 TURCK, HILL & COMPANY, INC., New York City.  
 TURNER HALSEY COMPANY, INCORPORATED, New York City.  
 TURNER & SEYMOUR MFG. COMPANY (THE), Torrington, Conn.  
 TUTHILL PUMP COMPANY, Chicago, Ill.  
 TWENTIETH CENTURY-FOX FILM CORPORATION, New York City.  
 TWIN DISC CLUTCH COMPANY, Racine, Wis.

UARCO, Inc., Chicago, Ill.  
 UDDLEHOLM COMPANY OF AMERICA, INC., New York City.  
 UNDERWOOD CORPORATION, New York City.  
 UNION AUTOMOBILE INDEMNITY ASSOCIATION, Bloomington, Ill.  
 UNION & NEW HAVEN TRUST COMPANY, New Haven, Conn.  
 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 HARDWARE COMPANY, Torrington, Conn.  
 UNION IRON WORKS, Erie, Pa.  
 UNION LUMBER COMPANY, San Francisco, Cal.  
 UNION METAL MANUFACTURING COMPANY, Canton, O.  
 UNION NATIONAL BANK, (THE), Youngstown, O.  
 UNION OIL COMPANY OF CALIFORNIA, Los Angeles, Cal.  
 UNION PACIFIC RAILROAD COMPANY, New York City.  
 UNION SERVICE CORPORATION, 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.  
 UNITCAST CORPORATION, Toledo, O.  
 UNITED AIRCRAFT CORPORATION, East Hartford, Conn.

UNITED AIR LINES, INC., Chicago, Ill.  
 UNITED AUTOMOBILE, AIRCRAFT, AGRICULTURAL IMPLEMENT WORKERS OF AMERICA  
 (INTERNATIONAL UNION), C.I.O., Detroit, Mich.  
 UNITED BISCUIT COMPANY OF AMERICA, Chicago, Ill.  
 UNITED-CARR FASTENER CORPORATION, Cambridge, Mass.  
 UNITED ELECTRICAL RADIO & MACHINE WORKERS OF AMERICA, New York City.  
 UNITED FRUIT COMPANY, Boston, Mass.  
 UNITED FUEL GAS CO., Charleston, W. Va.  
 UNITED GAS IMPROVEMENT COMPANY, (THE), Philadelphia, Pa.  
 UNITED GAS PIPE LINE COMPANY, Shreveport, La.  
 UNITED ILLUMINATING COMPANY, New Haven, Conn.  
 UNITED LIGHT AND RAILWAYS COMPANY (THE), Chicago, Ill.  
 UNITED MERCHANTS & MANUFACTURERS, INC., New York City.  
 UNITED NATIONS, Geneva, Switzerland.  
 UNITED NATIONS, Lake Success, N. Y.  
 UNITED PARCEL SERVICE, New York City.  
 UNITED PIECE DYE WORKS (THE), Lodi, N. J.  
 UNITED SHOE MACHINERY CORPORATION, Boston, Mass.  
 UNITED SPECIALTIES COMPANY, Chicago, Ill.  
 U. S. ELECTRICAL MOTORS, INC., Los Angeles, Cal.  
 UNITED STATES BREWERS FOUNDATION INC., New York City.  
 UNITED STATES ELECTRICAL TOOL COMPANY (THE), Cincinnati, O.  
 UNITED STATES ENVELOPE COMPANY, Springfield, Mass.  
 UNITED STATES FIDELITY & GUARANTY COMPANY, Baltimore, Md.  
 UNITED STATES GLASS COMPANY, Tiffin, O.  
 UNITED STATES GOVERNMENT  
   ATOMIC ENERGY COMMISSION, Washington, D. C.  
   BUREAU OF THE BUDGET, LIBRARY, Washington, D. C.  
   CIVIL SERVICE COMMISSION, Washington, D. C.  
   DEPARTMENT OF STATE, New York City.  
   FEDERAL DEPOSIT INSURANCE CORPORATION, Washington, D. C.  
   INFORMATION LIBRARY, AMERICAN AMBASSADOR, London, England.  
   INFORMATION LIBRARY, AMERICAN AMBASSADOR, Paris, France.  
   LIBRARY OF CONGRESS (THE), Washington, D. C.  
   NATIONAL LABOR RELATIONS BOARD, Washington, D. C.  
   NATIONAL SECURITY RESOURCES BOARD LIBRARY, Washington, D. C.  
   NAVAL SHIPYARD, Pearl Harbor, T. H.  
   NAVY DEPARTMENT—BUREAU OF SHIPS, Washington, D. C.  
   RAILROAD RETIREMENT BOARD, Chicago, Ill.  
   SELECTIVE SERVICE SYSTEM, Washington, D. C.  
   SOCIAL SECURITY ADMINISTRATION, Baltimore, Md.  
   SOCIAL SECURITY ADMINISTRATION, Washington, D. C.  
   TREASURY DEPARTMENT, LIBRARY, Washington, D. C.  
   WAR DEPARTMENT, PENTAGON LIBRARY, Washington, D. C.  
   WAR DEPARTMENT—QUARTERMASTER PURCHASING OFFICE, New York City.  
 UNITED STATES GYPSUM COMPANY, Chicago, Ill.  
 UNITED STATES INDUSTRIAL CHEMICALS, INC., New York City.  
 UNITED STATES LEATHER COMPANY, New York City.  
 UNITED STATES NEWS PUBLISHING CORPORATION, Washington, D. C.  
 UNITED STATES PIPE & 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 AND MINING COMPANY, Salt Lake City, Utah.  
 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 WELDING COMPANY (THE), Middletown, O.  
 UNIVERSAL ATLAS CEMENT COMPANY, New York City.  
 UNIVERSAL-CYCLOPS STEEL CORPORATION, Bridgeville, Pa.  
 UNIVERSAL MOULDED PRODUCTS CORPORATION, Philadelphia, Pa.  
 UNIVERSAL PICTURES COMPANY, INC., New York City.  
 UNIVERSAL POTTERIES, INC., Cambridge, O.  
 UNIVERSAL SANITARY MFG. COMPANY, New Castle, Pa.  
 UNIVERSAL WINDING COMPANY, Providence, R. I.  
 UNIVERSITY OF AKRON (THE), Akron, O.  
 UNIVERSITY OF ALABAMA, University, Ala.  
 UNIVERSITY OF ARIZONA, Tucson, Ariz.  
 UNIVERSITY OF ARIZONA, COLLEGE OF BUSINESS & PUBLIC ADMINISTRATION,  
 Tucson, Ariz.  
 UNIVERSITY OF CALIFORNIA LIBRARY, Berkeley, Cal.  
 UNIVERSITY OF CALIFORNIA, BUREAU OF PUBLIC ADMINISTRATION, Berkeley, Cal.  
 UNIVERSITY OF CALIFORNIA AT LOS ANGELES, LIBRARY, Los Angeles, Cal.  
 UNIVERSITY OF CALIFORNIA AT LOS ANGELES, INSTITUTE OF INDUSTRIAL RELATIONS,  
 Los Angeles, Cal.  
 UNIVERSITY OF CHICAGO (THE), Chicago, Ill.  
 UNIVERSITY OF CHICAGO LIBRARY, Chicago, Ill.  
 UNIVERSITY OF CINCINNATI, LIBRARY, Cincinnati, O.  
 UNIVERSITY OF COLORADO LIBRARIES, Boulder, Colo.  
 UNIVERSITY OF CONNECTICUT, Storrs, Conn.  
 UNIVERSITY OF DENVER (THE), Denver, Colo.  
 UNIVERSITY OF DETROIT, Detroit, Mich.  
 UNIVERSITY OF FLORIDA (THE), Gainesville, Fla.  
 UNIVERSITY OF GEORGIA, (THE), Athens, Ga.  
 UNIVERSITY OF IDAHO, Moscow, Idaho.  
 UNIVERSITY OF ILLINOIS LIBRARY, Urbana, Ill.  
 UNIVERSITY OF KENTUCKY, Lexington, Ky.  
 UNIVERSITY OF LOUISVILLE, Louisville, Ky.  
 UNIVERSITY OF MARYLAND, College Park, Md.  
 UNIVERSITY OF MIAMI, Coral Gables, Fla.  
 UNIVERSITY OF MICHIGAN, Ann Arbor, Mich.  
 UNIVERSITY OF MINNESOTA, Minneapolis, Minn.  
 UNIVERSITY OF MISSISSIPPI, University, Miss.  
 UNIVERSITY OF MISSOURI, Columbia, Mo.  
 UNIVERSITY OF NEBRASKA LIBRARIES, Lincoln, Neb.  
 UNIVERSITY OF NEW MEXICO (THE), Albuquerque, N. M.  
 UNIVERSITY OF OKLAHOMA, Norman, Okla.  
 UNIVERSITY OF OMAHA, Omaha, Neb.  
 UNIVERSITY OF OREGON LIBRARY, Eugene, Ore.  
 UNIVERSITY OF PENNSYLVANIA, LIPPINCOTT LIBRARY, Philadelphia, Pa.  
 UNIVERSITY OF REDLANDS, Redlands, Cal.  
 UNIVERSITY OF ROCHESTER, RUSH RHEES LIBRARY, Rochester, N. Y.  
 UNIVERSITY OF SAN FRANCISCO, San Francisco, Cal.

UNIVERSITY OF SANTA CLARA, Santa Clara, Cal.  
 UNIVERSITY OF SOUTHERN CALIFORNIA, LIBRARY, Los Angeles, Cal.  
 UNIVERSITY OF SOUTHERN CALIFORNIA, DEPARTMENT OF BANKING AND FINANCE,  
 Los Angeles, Cal.  
 UNIVERSITY OF SOUTHERN CALIFORNIA, DEPARTMENT OF INDUSTRIAL PSYCHOLOGY,  
 Los Angeles, Cal.  
 UNIVERSITY OF SOUTHERN CALIFORNIA, TEACHING INSTITUTE OF ECONOMICS, Los  
 Angeles, Cal.  
 UNIVERSITY OF THE STATE OF NEW YORK (THE), THE STATE EDUCATION DEPART-  
 MENT, Albany, N. Y.  
 UNIVERSITY OF TENNESSEE, Knoxville, Tenn.  
 UNIVERSITY OF TEXAS, Austin, Tex.  
 UNIVERSITY OF TOLEDO LIBRARY (THE), Toledo, O.  
 UNIVERSITY OF TORONTO, Toronto, Ontario, Canada.  
 UNIVERSITY OF TULSA, Okla.  
 UNIVERSITY OF UTAH, Salt Lake City, Utah.  
 UNIVERSITY OF VIRGINIA, Charlottesville, Va.  
 UNIVERSITY OF WASHINGTON LIBRARY, Seattle, Wash.  
 UNIVERSITY OF WASHINGTON, INSTITUTE OF LABOR ECONOMICS, Seattle, Wash.  
 UNIVERSITY OF WISCONSIN, Madison, Wis.  
 UPJOHN COMPANY, Kalamazoo, Mich.  
 UPJOHN (W. E.) INSTITUTE FOR COMMUNITY RESEARCH (THE), Kalamazoo, Mich.  
 UPSALA COLLEGE, East Orange, N. J.  
 UPSON COMPANY (THE), Lockport, N. Y.  
 UTAH STATE AGRICULTURAL COLLEGE, Logan, Utah.  
 UTICA KNITTING COMPANY, Utica, N. Y.  
  
 VACUUM FOODS CORPORATION, New York City.  
 VALSPAR CORPORATION (THE), New York City.  
 VALVE MANUFACTURERS ASSOCIATION, New York City.  
 VANADIUM-ALLOYS STEEL COMPANY, Pittsburgh, Pa.  
 VANADIUM CORPORATION OF AMERICA, New York City.  
 VAN CLEEF, JORDAN AND WOOD, New York City.  
 VANITY FAIR MILLS, INC., Reading, Pa.  
 VAPOR HEATING CORPORATION, Chicago, Ill.  
 VASSAR COMPANY, Chicago, Ill.  
 VEEDER-ROOT INCORPORATED, Hartford, Conn.  
 VENDO COMPANY (THE), Kansas City, Mo.  
 VERMILYA-BROWN COMPANY, INC., New York City.  
 VERNON ALLSTEEL PRESS CO., Chicago, Ill.  
 VICK CHEMICAL COMPANY, New York City.  
 VICTOR ADDING MACHINE CO., Chicago, Ill.  
 VICTOR CHEMICAL WORKS, Chicago, Ill.  
 VICTOR INSULATORS, INC., Victor, N. Y.  
 VICTOR STEEL PRODUCTS CORPORATION, New York City.  
 VIKING PUMP COMPANY, Cedar Falls, Ia.  
 VILTER MANUFACTURING COMPANY, Milwaukee, Wis.  
 VIRGINIA-CAROLINA CHEMICAL CORPORATION, Richmond, Va.  
 VIRGINIA ELECTRIC AND POWER COMPANY, Richmond, Va.  
 VIRGINIA MANUFACTURERS ASSOCIATION, INCORPORATED, Richmond, Va.  
 VIRGINIA POLYTECHNIC INSTITUTE, Blacksburg, Va.  
 VIRGINIA SMELTING COMPANY, West Norfolk, Va.  
 VIRGINIA STATE LIBRARY, Richmond, Va.  
 VISKING CORPORATION, Chicago, Ill.



VOLKER (WILLIAM) & COMPANY, INC., Kansas City, Mo.  
VOLLRATH COMPANY, Sheboygan, Wis.

WADDINGTON, MANUEL GOMEZ, Havana, Cuba.  
WAGNER BAKING CORPORATION, Newark, N. J.  
WAGNER ELECTRIC CORPORATION, St. Louis, Mo.  
WAGNER (E. R.) MANUFACTURING COMPANY, Milwaukee, Wis.  
WALDORF-ASTORIA CORPORATION (HOTEL), New York City.  
WALDORF PAPER PRODUCTS COMPANY, St. Paul, Minn.  
WALKER (HIRAM) & SONS, INC., Peoria, Ill.  
WALL PAPER INSTITUTE, New York City.  
WALLACE (R.) & SONS MFG. CO., Wallingford, Conn.  
WALLERSTEIN COMPANY INC., New York City.  
WALWORTH COMPANY, INC., New York City.  
WAMSUTTA MILLS, New Bedford, Mass.  
WANSUCK COMPANY, Providence, R. I.  
WARD BAKING COMPANY, New York City.  
WARD LEONARD ELECTRIC CO., Mount Vernon, N. Y.  
WARNER BROS. PICTURES, INC., New York City.  
WARNER COMPANY, Philadelphia, Pa.  
WARNER & SWASEY CO., Cleveland, O.  
WARNER WOVEN LABEL CO., INC., New York City.  
WARREN CHAMBER OF COMMERCE (THE), Warren, O.  
WARREN FEATHERBONE CO. (THE), Three Oaks, Mich.  
WARREN FOUNDRY & PIPE CORPORATION, New York City.  
WARREN (S. D.) COMPANY, Boston, Mass.  
WASHBURN COMPANY, Worcester, Mass.  
WASHINGTON CO-OPERATIVE FARMERS ASSOCIATION, Seattle, Wash.  
WASHINGTON EMPLOYERS, INC., Seattle, Wash.  
WASHINGTON GAS LIGHT COMPANY, Washington, D. C.  
WASHINGTON NATIONAL INSURANCE COMPANY, Evanston, Ill.  
WASHINGTON UNIVERSITY LIBRARY, St. Louis, Mo.  
WATER WORKS SERVICE COMPANY, INC., New York City.  
WATERBURY COMPANIES INC., Waterbury, Conn.  
WATERBURY FARREL FOUNDRY & MACHINE CO., Waterbury, Conn.  
WATERFRONT EMPLOYERS ASSOCIATION OF THE PACIFIC COAST, San Francisco, Cal.  
WATKINS (J. R.) COMPANY (THE), Winona, Minn.  
WATSON-FLAGG MACHINE COMPANY, INC., Paterson, N. J.  
WATSON STILLMAN CO. (THE), Roselle, N. J.  
WAUKESHA MOTOR COMPANY, Waukesha, Wis.  
WAVERLY MILLS, INC., Laurinburg, N. C.  
WAYNE KNITTING MILLS, Fort Wayne, Ind.  
WAYNE UNIVERSITY LIBRARY, Detroit, Mich.  
WEAN ENGINEERING COMPANY, INC., Warren, O.  
WEAN EQUIPMENT CORPORATION, Cleveland, O.  
WEATHERHEAD COMPANY (THE), Cleveland, O.  
WEBBING MANUFACTURERS INSTITUTE, New London, Conn.  
WEBSTER ELECTRIC COMPANY, Racine, Wis.  
WEBSTER LENS CO., Webster, Mass.  
WEBSTER TOBACCO CO., INC., New York City.  
WEBSTER (WARREN) & COMPANY, Camden, N. J.  
WEIR KILBY CORPORATION, Cincinnati, O.  
WELDON TOOL COMPANY, Cleveland, O.  
WELLINGTON & COMPANY, 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, Cincinnati, O.  
 WESIX ELECTRIC HEATER Co., San Francisco, Cal.  
 WEST BEND ALUMINUM COMPANY, West Bend, Wis.  
 WEST INDIES SUGAR CORPORATION, New York City.  
 WEST PENN ELECTRIC COMPANY, INC. (THE), 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 COAL & COKE CORPORATION, Cincinnati, O.  
 WEST VIRGINIA PULP AND PAPER COMPANY, New York City.  
 WESTERN AUTO SUPPLY COMPANY, Kansas City, Mo.  
 WESTERN ELECTRIC COMPANY, INC., New York City.  
 WESTERN FELT WORKS, Chicago, Ill.  
 WESTERN MARYLAND RAILWAY COMPANY, Baltimore, Md.  
 WESTERN NEWSPAPER UNION, New York City.  
 WESTERN OIL AND GAS ASSOCIATION, Los Angeles, Cal.  
 WESTERN PINE ASSOCIATION, Portland, Ore.  
 WESTERN PRINTING & LITHOGRAPHING Co., Poughkeepsie, N. Y.  
 WESTERN RESERVE UNIVERSITY—CLEVELAND COLLEGE LIBRARY, Cleveland, O.  
 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 CORPORATION, Pittsburgh, Pa.  
 WESTINGHOUSE ELECTRIC CORPORATION—STURTEVANT DIVISION, Hyde Park,  
 Mass.  
 WESTMORELAND COAL COMPANY, Philadelphia, Pa.  
 WESTON ELECTRICAL INSTRUMENT CORPORATION, Newark, N. J.  
 WESTVACO CHEMICAL DIVISION—FOOD MACHINERY AND CHEMICAL CORPORATION,  
 New York City.  
 WETTER NUMBERING MACHINE COMPANY, Brooklyn, N. Y.  
 WEYERHAEUSER SALES COMPANY, St. Paul, Minn.  
 WHEELER REFLECTOR Co., Boston, Mass.  
 WHEELING STEEL CORPORATION, Wheeling, W. Va.  
 WHITE (J. G.) ENGINEERING CORPORATION (THE), New York City.  
 WHITE LABORATORIES, INC., Newark, N. J.  
 WHITE MOTOR COMPANY, Cleveland, O.  
 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.  
 WHITLOCK CORDAGE COMPANY, New York City.  
 WHITLOCK MANUFACTURING COMPANY (THE), Hartford, Conn.  
 WHITMAN (WILLIAM) COMPANY, INC., New York City.  
 WHITNEY BLAKE COMPANY (THE), New Haven, Conn.  
 WHITNEY-HANSON INDUSTRIES, INC., Hartford, Conn.  
 WHITNEY NATIONAL BANK OF NEW ORLEANS, New Orleans, La.  
 WICHITA CITY LIBRARY, Wichita, Kan.  
 WICKENDEN, MORSS AND CALVERT, INC., New York City.  
 WIEBOLDT STORES, INC., Chicago, Ill.  
 WILL & BAUMER CANDLE Co., INC., Syracuse, N. Y.



WILLARD STORAGE BATTERY COMPANY, Cleveland, O.  
 WILLCOX & GIBBS SEWING MACHINE Co., New York City.  
 WILLETT COMPANY (THE), Chicago, Ill.  
 WILLIAMS (C. K.) & Co., Easton, Pa.  
 WILLIAMS (C. O.) AND ASSOCIATES, Houston, Tex.  
 WILLIAMS (J. H.) & Co., Buffalo, N. Y.  
 WILLIAMS MANUFACTURING COMPANY (THE), Portsmouth, O.  
 WILLIAMS PRESS, INC., Albany, N. Y.  
 WILLIAMSON-DICKIE MANUFACTURING Co., Fort Worth, Tex.  
 WILLYS-OVERLAND MOTORS, INC., Toledo, O.  
 WILMINGTON INSTITUTE FREE LIBRARY (THE), Wilmington, Del.  
 WILMINGTON TRUST COMPANY, Wilmington, Del.  
 WILMOTH PAVING COMPANY, Washington, D. C.  
 WILSON & Co., INC., Chicago, Ill.  
 WILSON JONES COMPANY, Chicago, Ill.  
 WINNER, INC., Berne, Ind.  
 WINSLOW BROS. & SMITH Co., Boston, Mass.  
 WINSTON STRAWN & SHAW, Chicago, Ill.  
 WINTHROP-STEARNs, INC., Rensselaer, N. Y.  
 WIREMOLD COMPANY, Hartford, Conn.  
 WIRZ (A. H.) INC., Chester, Pa.  
 WISCONSIN (STATE OF) BUREAU OF PERSONNEL, Madison, Wis.  
 WISCONSIN ELECTRIC POWER COMPANY, Milwaukee, Wis.  
 WISCONSIN MALTING COMPANY, Milwaukee, Wis.  
 WISCONSIN MANUFACTURERS' ASSOCIATION, Milwaukee, Wis.  
 WISCONSIN MOTOR CORPORATION, Milwaukee, Wis.  
 WISCONSIN POWER AND LIGHT COMPANY, Madison, Wis.  
 WISCONSIN STATE CHAMBER OF COMMERCE, Madison, Wis.  
 WITCO CHEMICAL COMPANY, New York City.  
 WOLFE & MANN MFG. Co. (THE), Baltimore, Md.  
 WOLVERINE BRASS WORKS, Grand Rapids, Mich.  
 WOOLWORTH (F. W.) Co., New York City.  
 WOOD, ALAN M., New York City.  
 WOOD (JOHN) MANUFACTURING COMPANY, INC., New York City.  
 WOOD NEWSPAPER MACHINERY CORPORATION, New York City.  
 WOOD, STRUTHERS & COMPANY, New York City.  
 WOODALL INDUSTRIES, INC., Detroit, Mich.  
 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.  
 WORDEN-ALLAN COMPANY, Milwaukee, Wis.  
 WORTHINGTON PUMP AND MACHINERY CORPORATION, New York City.  
 WRIGHT AERONAUTICAL CORPORATION, Wood-Ridge, 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, Wyandotte, Mich.  
 WYATT METAL & BOILER WORKS, Houston, Tex.  
 WYMAN-GORDON COMPANY, Worcester, Mass.

YALE & TOWNE MANUFACTURING COMPANY, New York City.

YALE UNIVERSITY, New Haven, Conn.

YALE UNIVERSITY LIBRARY, New Haven, Conn.

YARDLEY INDUSTRIES, Columbus, O.

YARNALL-WARING COMPANY, Philadelphia, Pa.

YORK CORPORATION, York, Pa.

YORK KNITTING MILLS, LIMITED, Toronto, Canada.

YOUNG (ARTHUR) & COMPANY, New York City.

YOUNG & RUBICAM, INC., New York City.

YOUNGSTOWN SHEET AND TUBE COMPANY (THE), Youngstown, O.

YOUNGSTOWN VINDICATOR (THE), Youngstown, O.

ZENITH RADIO CORPORATION, Chicago, Ill.

ZURICH GENERAL ACCIDENT AND LIABILITY INSURANCE COMPANY, LTD., Chicago;  
Ill.



## APPENDIX

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### CERTIFICATE OF INCORPORATION

#### OF

#### NATIONAL INDUSTRIAL CONFERENCE BOARD, INC.

(as amended by Certificate filed in the office of the Secretary of State,  
State of New York, April 6, 1943)\*

WHEREAS, the NATIONAL INDUSTRIAL CONFERENCE BOARD, an unincorporated association, organized for purposes for which a corporation may be created under Article III of the Membership Corporations Law of the State of New York, has, by unanimous vote of all its members present and voting at a regular meeting thereof, held on the 20th day of November, 1924, authorized its Executive Committee, or a majority thereof, (such Executive Committee being the sole governing board of said association and possessing the powers and attributes of directors thereof) to incorporate said association for the same purposes, under Article III of the Membership Corporations Law of the State of New York, and such meeting having adopted the name NATIONAL INDUSTRIAL CONFERENCE BOARD, INC., as the corporate name of said corporation; and notice of the intention so to incorporate having been duly given at least thirty days before such meeting, by mail, to each member of said association, whose residence or post-office address is known; and

WHEREAS, the fundamental purpose of the NATIONAL INDUSTRIAL CONFERENCE BOARD is to promote public welfare by bringing together the collective experience of those engaged in industry, by studying industrial and economic conditions, and by disseminating well-considered views thereon, as its contribution to the solution of the problems of industry; and

WHEREAS, the NATIONAL INDUSTRIAL CONFERENCE BOARD has pledged its energy and resources to this work, to be carried on in the open-minded and straightforward spirit which should characterize all efforts of a scientific nature, fully utilizing the views and experiences of those familiar with industrial problems and always seeking to learn and promulgate the truth; and

WHEREAS, the Board will refrain from all political activity and will in all respects comply with the requirements of the laws relating thereto;

NOW, THEREFORE, the undersigned, being a majority of such Executive Committee, and all being persons of full age and citizens of the United States, and at least one thereof being a resident of the State of New York, desiring to form a corporation for the purposes hereinafter set forth, pursuant to the provisions of Chapter 40 of the Membership Corporations Law of 1909, and as since from time

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\* The original Certificate of Incorporation was filed in the same office December 23, 1924.



to time amended, do hereby make, sign and acknowledge and file this Certificate, as follows:

**FIRST:** The name of the proposed corporation is NATIONAL INDUSTRIAL CONFERENCE BOARD, INC.

**SECOND:** The purposes of said corporation are exclusively scientific, educational and charitable and are:

1. To organize, conduct and maintain scientific research and investigation in the fields of business economics and business management, and to make available the results of such activities to persons, firms, corporations, associations, educational and other institutions, governmental agencies, and others concerned with the subject matters under investigation;

2. To assemble, analyze and disseminate information in regard to economic conditions and management experience in the United States and other countries;

3. To conduct conferences of business executives, professional specialists and others for discussion of economic, business and management problems;

4. To carry on any one or more of the foregoing activities in cooperation with other persons, firms, corporations, associations, educational and other institutions or governmental agencies;

5. To prepare, print, publish, distribute and circulate periodical and other publications making available the results of its research, conference and other activities;

6. To integrate the foregoing activities, or any of them, in such manner as will contribute to the professional equipment, training and education of business executives; and

7. In general to encourage and promote the sound development of American industry by all proper and legitimate means, and to do all things necessary to carry out the aforesaid purposes.

**THIRD:** The corporation shall not be operated for profit. No part of the net income of the corporation shall be credited to surplus or shall inure to the benefit of any member or individual, and no member, officer, trustee or employee of the corporation shall receive or be lawfully entitled to receive any pecuniary profit of any kind therefrom, except reasonable compensation for services in effecting one or more of its purposes.

**FOURTH:** The corporation shall not carry on propaganda, or otherwise attempt, to influence legislation.

**FIFTH:** In furtherance of its said objects and purposes, said corporation shall have power to purchase and acquire in the State of New York and elsewhere, such real and personal estate and property as may be necessary or proper, and to mortgage the same to secure the payment of any bonds which may be issued by the corporation, and generally to do any and all things which may be necessary or proper in connection with its business and purposes, which may not be contrary to law.

**SIXTH:** The office of the corporation is to be located in the City and County of New York.



SEVENTH: The number of directors of the corporation, who shall be known and styled as Trustees, shall be not less than twenty and not more than forty.

EIGHTH: The territory within which its operations shall be conducted shall be the United States and foreign countries.

NINTH: Its duration shall be perpetual.

\*TENTH: The names and places of residence of the persons to be its directors, until the first annual meeting, are as follows:

<i>Name</i>	<i>Place of Residence</i>
Frederick P. Fish	84 State Street, Boston, Mass.
Loyall A. Osborne	150 Broadway, New York City
John W. O'Leary	79 West Monroe Street, Chicago, Ill.
Magnus W. Alexander	247 Park Avenue, New York City
Charles Cheney	Cheney Brothers, South Manchester, Conn.
Robert Amory	48 Franklin Street, Boston, Mass.
John A. Penton	1213 West Third Street, Cleveland, Ohio
Fayette R. Plumb	4837 James Street, Philadelphia, Pa.
Fred I. Kent	16 Wall Street, New York City

ELEVENTH: The annual meeting of the corporation shall be held on such date as shall be prescribed by the by-laws.

[Signatures, etc.  
omitted]

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\* The original Certificate of Incorporation, in which this paragraph appears, provided for nine directors.

REVISED BY-LAWS<sup>1</sup>  
OF NATIONAL INDUSTRIAL CONFERENCE BOARD, INC.

ARTICLE I

Members

The members of the corporation shall consist of the persons who are members at the date of adoption of these by-laws, and such other persons as may be duly elected from time to time in accordance with these by-laws. Membership shall be restricted to natural persons.

The members shall be divided into four classes, as follows:

(1) *Regular Members*, who shall not exceed two hundred fifty in number, and shall be elected by the members of the corporation at any meeting of the corporation, upon the nomination of the Trustees, for terms of one year, expiring at the corresponding monthly meeting of the corporation in the year following such election. Any person distinguished in business, public affairs, education or science, who is an officer, director, chief executive or partner of a Sustaining Associate (as defined in Article III of these by-laws) shall be eligible for election as a regular member.

(2) *Representatives of Affiliated Organizations* (as defined in Article II of these by-laws), who shall be elected by the members of the corporation at any meeting of the corporation, upon the nomination of the Trustees, for terms of one year, expiring at the corresponding monthly meeting of the corporation in the year following such election. Two such representatives may be elected for each Affiliated Organization which is a national or interstate organization. One such representative may be elected for each Affiliated Organization which is a state or local organization, or which is a department, bureau or agency of the United States Government.

(3) *Councillors*, who shall be elected by the members of the corporation at any meeting of the corporation, upon the nomination of the Trustees, for terms of five years, expiring at the corresponding monthly meeting of the corporation in the fifth year following such election. Any person eminent in business, public affairs, education or science shall be eligible for election as a Councillor.

(4) *Members Emeritus*, who shall be elected by the members of the corporation at any meeting of the corporation, upon the nomination of the Trustees, for terms of five years, expiration at the corresponding monthly meeting of the corporation in the fifth year following such election. Any person who has served with unusual distinction as a member of the corporation shall be eligible for election as a Member Emeritus.

The election of members shall be by vote of a majority of the members of the corporation who are present in person or by proxy at a meeting duly called and held, at which a quorum is so present.

Any member may resign from the corporation by notice in writing to the President.

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<sup>1</sup> Adopted at the 251st Regular Meeting of NATIONAL INDUSTRIAL CONFERENCE BOARD, Inc., held April 15, 1943. Subsequently amended in accordance with Article XV at the Trustees Meetings held on December 20, 1945, December 19, 1946, April 17, 1947, December 18, 1947, and December 16, 1948.



## ARTICLE II

### Affiliated Organizations

Any association composed of persons, firms or corporations engaged in business enterprise, or any department, bureau or agency of the United States Government, may apply for affiliation with NATIONAL INDUSTRIAL CONFERENCE BOARD, INC., and upon acceptance of the application by the Trustees shall be designated as an "Affiliated Organization." Any association so designated which shall not contribute annually toward the maintenance of the services and facilities of the corporation \$1,000 or more, if the association is a national or interstate organization, or \$500 or more, if the association is a state or local organization, shall be deemed to have relinquished the rights and privileges of an Affiliated Organization. No financial contribution is expected from any department, bureau or agency of the United States Government which has been so designated as an Affiliated Organization. Subject to the foregoing, the designation of an Affiliated Organization shall continue in effect from year to year, unless revoked by the Trustees, or unless the affiliation is terminated by notice in writing from the Affiliated Organization to the President.

Affiliated Organizations shall have the right to representation in the membership of the corporation as provided in Article I.

## ARTICLE III

### Associates

Any person, firm, corporation, association, educational institution or governmental department, bureau or agency, which is concerned with the operation and development of business enterprise and which desires to cooperate with or to contribute toward the maintenance of the services and facilities of NATIONAL INDUSTRIAL CONFERENCE BOARD, INC. may apply for recognition as an Associate thereof and upon compliance with such conditions (not inconsistent with these by-laws) as the Trustees may determine, may be accepted by the Trustees as an Associate, for the term of one year from the date of such acceptance, subject to renewal from year to year at the option of the Trustees.

The Associates shall be divided into three classes as follows:

- (1) Sustaining Associates, who make annual contributions of \$500 or more.
- (2) Subscribing Associates, who make annual contributions of amounts less than \$500.
- (3) Cooperating Associates, who make no financial contribution, but who cooperate, participate or assist in the research and conference activities of the corporation.

Associates shall have no voting rights or rights to representation in the membership of the corporation, but they shall have made available to them at all times, for their own exclusive and confidential use, such publications, services and facilities as in the judgment of its Trustees NATIONAL INDUSTRIAL CONFERENCE BOARD, INC. can properly provide, having due regard for the contribution made by each Associate.



## ARTICLE IV

### Foreign Correspondents

Subject to the approval of the Trustees, the Chairman may from time to time appoint as Foreign Correspondents of NATIONAL INDUSTRIAL CONFERENCE BOARD, INC. persons notable in the economic and business life of foreign countries with which the United States is maintaining friendly relations. Foreign Correspondents shall be appointed for terms of three years and shall be eligible for reappointment. They shall have made available to them at all times, for their own exclusive and confidential use, the publications of NATIONAL INDUSTRIAL CONFERENCE BOARD, INC. and shall be expected to cooperate in its research and conference activities by transmitting information from time to time in regard to economic conditions and developments in their respective countries. They shall have no voting right or rights to nominate candidates for membership in the corporation.

## ARTICLE V

### Trustees

The business and affairs of the corporation shall be managed by thirty-two Trustees, including the President and the Chancellor, ex officio. Only members of the corporation shall be eligible for election as Trustees. From and after the annual meeting of the corporation in 1943, the Trustees (not including the President and the Chancellor) shall be at all times divided into three classes of ten members each, which shall be so arranged that the membership of respective classes shall expire in succeeding years. At each annual meeting of the corporation, or in default of election at such meeting, then at an adjournment thereof or at any subsequent meeting duly called and held, the successors to those Trustees whose terms end at such annual meeting shall be elected by vote of the members of the corporation, to serve for a term of three years and until their successors shall have been chosen and shall have qualified. In case any Trustee shall by death, resignation, incapacity to act, or otherwise, cease to be a Trustee during his term, his successor shall be chosen by the Trustees to serve for the remainder of his term and until his successor shall have been chosen and shall have qualified.

At a meeting of the Trustees held prior to the annual meeting of the corporation in each year, a Nominating Committee shall be appointed by the Trustees, in such number as the Trustees may determine. The Nominating Committee shall present at the annual meeting the names of candidates whom they recommend for election as Trustees to fill the places of the class whose terms then expire. At the meeting any member of the corporation present either in person or by proxy may also present nominations of candidates to fill one or more of such places.

The Trustees may by resolution provide for such other committees and may delegate to such committees such power as shall be deemed wise.

## ARTICLE VI

### Officers

At the first meeting of the Trustees held following the annual meeting of the corporation in each year, or in default of election at such meeting, then at an adjournment thereof, or at any subsequent meeting duly called and held, the Trustees shall elect the following officers, viz.: A Chairman and one or more Vice-Chairmen of the corporation, a Chairman of the Trustees, and a Treasurer



(each of whom shall be chosen from among the Trustees), a President and a Chancellor (each of whom shall become a member of the corporation and a Trustee, ex officio), and a Secretary, who shall not necessarily be a member of the corporation or a Trustee. The officers so elected shall serve for terms expiring at the first meeting of the Trustees following the annual meeting of the corporation after their election, or until their successors shall have been chosen and shall have qualified. The Trustees may at any meeting duly called and held by resolution appoint one or more Assistant Secretaries, one or more Assistant Treasurers, and such other officers as they may from time to time determine, to serve at the pleasure of the Trustees. A vacancy in any office may be filled by the Trustees at any meeting.

## ARTICLE VII

### Chairman and Vice-Chairmen of the Corporation

The Chairman of the corporation shall preside at all meetings of the corporation at which he shall be present. In his absence one of the Vice-Chairmen of the corporation shall preside at such meeting. He shall appoint the membership of all committees except as may otherwise be determined by the Trustees. He shall be ex officio a member of all committees, but shall be under no obligation to attend their meetings.

## ARTICLE VIII

### Chairman of the Trustees

The Chairman of the Trustees shall have a relation to the work and policies of the corporation similar to that of the chairman of the board of directors of business corporations. He shall preside at all meetings of the Trustees at which he shall be present. In his absence the Trustees present shall appoint one of their own number to preside.

## ARTICLE IX (1)

### President

The President (who shall be ex officio a member of the corporation and of the Trustees) shall be the chief executive officer of the corporation, responsible for the administration of its affairs. He shall sign for the corporation all agreements and other formal instruments except as otherwise ordered by the Trustees. He shall be ex officio a member of all committees. In the absence or disability of the President, the Trustees may by resolution appoint another person to discharge the functions of the President.

## ARTICLE IX (2)

### Chancellor

The Chancellor (who shall be ex officio a member of the corporation and of the Trustees) shall be available for consultation and advice regarding the activities, operation and policies of the corporation, for attendance at its meetings, and for such other assistance as he may be able to render in the general interest of the corporation; but he shall have no administrative duties and functions.

## ARTICLE X

### Secretary

The Secretary shall record the minutes of meetings of the corporation and of the Trustees. Immediately upon the election of members he shall give notice in



writing to them of their election. He shall have the custody of the corporate seal. He shall perform such other duties as may be assigned to him by the Trustees, the Chairman of the Trustees, or the President.

## ARTICLE XI

### Treasurer

The Treasurer, subject to such regulations as may from time to time be prescribed by the Trustees, shall be the custodian of the funds and securities of the corporation. He shall deposit the funds of the corporation in such banks or trust companies as may from time to time be designated by the Trustees. Such deposits shall be made subject to withdrawal on the signature of such person or persons as may be determined from time to time by resolution of the Trustees.

The securities of the corporation shall be deposited in such deposit vault or vaults or with such banks or trust companies as may from time to time be designated by the Trustees. Access to the securities may be had by such person or persons as may be determined from time to time by resolution of the Trustees.

At each annual meeting of the corporation the Treasurer shall make a report to it of the accounts for the preceding fiscal year. He shall keep proper books of account, showing at all times the character, value and amount of the property and funds of the corporation and such books shall be at all times open to the inspection of the members of the Trustees. At each meeting of the Trustees, when called upon to do so, he shall present a current financial statement of the corporation in such form as the Trustees shall direct.

His accounts shall be audited annually by an independent auditor or auditors who shall be named by the Trustees.

The Treasurer shall file with the corporation a bond for the faithful performance of his duties in such amount as may be fixed by the Trustees. The expense of such bond shall be paid by the corporation.

## ARTICLE XII

### Meetings of the Corporation

The annual meeting of the corporation shall be held on the fourth Wednesday in May in 1947 and succeeding years.

At the annual meeting the Trustees shall present a report, verified by the President and Treasurer, or by a majority of the Trustees, showing the whole amount of real and personal property owned by it, where located and where and how invested, the amount and nature of the property acquired during the year immediately preceding the date of the report and the manner of acquisition thereof; the amount applied, appropriated or expended during the year immediately preceding such date, and the purposes, objects or persons to or for which such applications, appropriations or expenditures have been made; and the names and places of residence of the persons who have been admitted to membership in the corporation during such year, which report shall be filed with the records of the corporation and an abstract thereof entered in the minutes of the proceedings of the annual meeting.

Unless otherwise determined by the Trustees, regular meetings of the members of the corporation shall be held on the third or fourth Thursday (as the Trustees may determine) of each month, except during June, July and August. All meetings of the corporation shall be held in the State of New York at such place as



may be determined from time to time by the Trustees. Associates of NATIONAL INDUSTRIAL CONFERENCE BOARD, INC. may be invited to attend meetings of the corporation.

The Chairman of the corporation, the Chairman of the Trustees, the President, or any three members of the Trustees may call a special meeting of the corporation by not less than five days' written notice to the members, given by the Secretary or by the officer or the members calling such meeting.

Any member of the corporation may by writing or telegram appoint any other member of the corporation to act as his proxy at any meeting of the corporation.

Twenty members, present in person or by proxy, shall constitute a quorum for the transaction of business at meetings of the corporation, but in the absence of a quorum those present at the time and place set for a meeting of the corporation may take an adjournment from time to time until a quorum shall be present.

## ARTICLE XIII

### Meetings of the Trustees

Unless otherwise determined by the Trustees in advance of any meeting, regular meetings of the Trustees shall be held each month except during June, July and August. The meetings shall be held at such time and place in the State of New York as the Trustees shall determine.

The Chairman of the Trustees, the President, or any three members of the Trustees may call a special meeting thereof by not less than five days' written notice given by the Secretary, or by the officer or the members calling such meeting.

Eleven members present in person shall constitute a quorum for the transaction of business at meetings of the Trustees, but in the absence of a quorum those present at the time and place set for a meeting of the Trustees may take an adjournment from time to time until a quorum shall be present.

## ARTICLE XIV

### General Fiscal Provisions

The fiscal year of the corporation shall begin on the first day of May and end on the thirtieth day of April in each year.

Any two of the following persons, viz.: Chairman, Vice-Chairmen, Chairman of the Trustees, President and Treasurer, or any two persons designated by the Board of Trustees, shall have authority to execute such form of transfer and assignment as may be necessary to constitute a transfer of stocks, bonds or other securities standing in the name of or belonging to the corporation. A corporation or person transferring any such stocks, bonds or other securities pursuant to a form of transfer or assignment so executed shall be fully protected and shall be under no duty to inquire whether or not the Trustees have taken action in respect thereof.

## ARTICLE XV

### Amendments

Either the members of the corporation or the Trustees may amend these by-laws at any meeting the notice of which includes notice of the proposed amendment.





