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ROCHESTER

The CITY of VARIED
INDUSTRIES — 1916



NEW CHAMBER OF COMMERCE BUILDING

THE ROCHESTER CHAMBER
of COMMERCE

Historical and Business Directory
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Rochester

The City of Varied Industries



Directory of Manufacturers

1916 EDITION

Published by

THE ROCHESTER CHAMBER OF COMMERCE

Rochester, N. Y.

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Facts About Rochester

"Rochester Made Means Quality"

Population, 250,000.

Location, on Genesee River and Lake Ontario. Also, on New York State Barge and Erie Canals.

Capital invested in manufactures, \$142,788,000.00.

Total employees, 118,150.

Salaries and wages paid annually, \$43,784,000.00.

Assessed valuation (1916), \$231,701,909.00.

Death Rate (1915), 13.94 per 1,000 population.

Birth Rate (1915), 27.06 per 1,000 population.

Valuation in building permit issue (1915), \$9,108,333.00.

Total enrollment in public day and night schools (September, 1916), 41,983.

Tax levy in 1916, \$4,999,673.00.

Tax rate, (1916), \$20.69.

Value of imports at Custom House (1915), \$2,011,240.00.

Theaters, 6; motion picture houses, 35; fire companies, 37; firemen, 410; policemen, 340.

New State armory.

New armory for Troop H.

New Dental dispensary.

Hospitals, 11.

Churches, 167.

Large Convention hall and 42-acre Exposition Park.

Value of annual woodworking output, \$7,370,560.

Large and splendidly equipped public market.

Largest preserving establishment in the world.

Five steam railroads and five trolley roads enter the city.

State Canal transportation facilities.

Over 149 miles of trolley road inside city.

Two car ferries each making round trips daily the entire year between the Port of Rochester and Coburg, Canada.

Manufacturing establishments about 1,700.

Over 325 separate commodities manufactured.

World's headquarters for photographic goods and supplies.

One of the largest shoe centers in the United States; 56 factories. Annual output, \$17,500,000.

Annual output of high-grade men's clothing, \$25,000,000.

Largest manufacturers of enameled steel tanks in the world.

Largest manufacturers of filing devices and office systems.

Largest thermometer plant in the world.

Largest optical works in the world.

Largest manufacturers of check protectors.

Facts About Rochester—Continued

Largest photographic paper factory in the world.

Largest film factory in the world.

Largest camera factory in the world.

Largest photographic plate factory in the world.

Largest manufacturers of soda fountain fruits and syrups.

Produces 60% of the carbon paper and typewriter ribbon made in the United States.

More high class ivory buttons made here than in any other city of the United States.

Rochester is the headquarters of the nursery business in the United States.

Total area, 15,329 acres; five large and 25 small parks, containing 1,644 acres; Durand-Eastman park at lake, area, 484 acres.

Exposition park; area, 42 acres; 8 buildings, including auditorium, exposition building, zoo, aquarium, shop school, free public library and band stand. Estimated value of property, \$449,424.00.

Leads all cities east of Rockies in home ownership.

Rochester is in Monroe County, which ranks in New York State counties: first in total value of all farm crops, nursery stock, wheat and value of horses; second in apples and peaches; third in value of farm property, swine and poultry, and in production of orchard fruits, pears, cherries, miscellaneous vegetables, oats, corn, potatoes, and beans; fifth in small fruits; seventh in alfalfa; twenty-eighth in area.

Rochester Inventors take out more patents than are taken out in any other city in Western New York.

Introduction

THIS is the fourth edition of this booklet and the fourth revision of the Directory of Rochester Manufacturers. Twenty-five thousand of these booklets have been circulated throughout the civilized world and have served buyers in many states and countries to good purpose. The booklet is also being used in the Commercial Departments of the High Schools of the United States, no doubt, because it presents an unbiased analysis of local conditions and shows the intimate relation between the prosperity of any industrial enterprise and every condition entering into the purchase of raw material, its fabrication into a finished product and the final sale and delivery to the purchaser.

"Rochester Made Means Quality" is the slogan of our city. It has come to be a well-known guarantee to the purchaser and works both ways. The producer of inferior products finds it unprofitable to manufacture in Rochester. Men who think themselves satisfied with mediocrity, soon become imbued with the Rochester spirit and raise the quality of their products.

Rochester can care well for the expansion of its local industries and also for manufacturing and warehouse concerns which desire to enjoy her exceptional advantages. There are a few desirable sites with siding which are either very central or are convenient to the downtown section, and, of course, there are other locations which naturally increase in size and number as the distance from the local terminals increases.

For the small plant, any desired amount of space can be obtained on one or more floors of our many loft buildings, and in many instances owners will erect buildings to meet the requirements of the tenant or purchaser. Pure water, cheap electric power, desirable transportation facilities and an abundant supply of skilled labor are always available for such concerns.

Industries desiring large acreage with rail and water transportation will quickly appreciate the opportunities now offered to obtain desirable sites in and near Rochester. The removal of the old Erie canal from the heart of the city, to be supplanted by the larger Barge canal several miles south and west, forecasts the development of a great industrial section which has already been anticipated through purchases by the Standard Oil company and other large concerns. These sites are at the city line, on first class paved roads, with available railroad sidings, and yet can be purchased at a little more than the value of ordinary agricultural lands.

Chapter I. Industrial Summary

Rochester's Rank in U. S.

ROCHESTER'S rank in the country in point of population is twenty-fourth. With respect to the annual value of its products it ranks seventeenth. With respect to the value added by manufacture its rank is fourteenth. With respect to its per capita manufacturing output it is second.

Industrial Figures

These figures tell in a nutshell the story of Rochester's manufacturing importance. The aggregate value of the city's annual manufacturing output is \$154,767,000, an average of \$572 for each inhabitant, a showing exceeded by only one city in the entire country. There are approximately 1,700 manufacturing establishments in the city, representing an aggregate capital investment of \$142,788,000. An aggregate primary horse-power of 67,926 is employed. \$43,784,000 are expended annually on salaries and wages and \$62,000,000 for raw materials.

Magnificent Growth

Rochester's growth as a manufacturing city in recent years has been magnificent. Since 1909, the value added by manufacture in Rochester has grown from \$62,000,000 to over \$82,000,000, an increase of 33 per cent. In only three large manufacturing centers in the entire country has this record been equaled. Within the same period, capital invested in manufactures has increased a third. From a list of 30 leading industrial cities of the country, only four will be found to show an equal rate of increase. Since 1909, the amount spent for salaries in Rochester's establishments has increased 60.8 per cent. and pay rolls have grown 24 per cent. The value of the city's annual production has increased 25 per cent.

Highly Manufactured Articles

The character of Rochester's manufactures distinguish it. Highly manufactured articles predominate. In no other city in the United States does the cost of raw materials bear such a small proportion to the total value of the finished article. The cost of raw materials constitutes only 42 per cent. of the value of Rochester's finished products. In the only other city in the country where the cost of raw materials is nearly as small, the proportion is 52 per cent. This relative insignificance of raw materials means that on Rochester's products a large amount of skilled labor is expended. They represent high value in small bulk.

Clothing Industry Center

Among Rochester's principal industries is the manufacture of men's clothing. This year approximately \$25,000,000 worth of high grade men's clothing will be turned out of her 326 factories. Over 10,000 employees are engaged in the industry and the annual pay roll is in the neighborhood of \$5,000,000. In 1910 Rochester ranked fifth among the clothing producing centers of the country. Her manufacturers now claim fourth place on the list.

The manufacture of optical goods, photographic apparatus and instruments of precision, employ about 13,000 Rochester workers. Rochester leads the world in the manufacture of photographic instruments and supplies. It also has the largest optical factory and the largest thermometer plant in the world.

**Leads in
these lines**

Rochester ranks seventh in the country in the manufacture of fine women's, misses' and children's shoes. Its annual output is about \$17,500,000. In the manufacture of high grade women's shoes, it is second to none.

**Big Shoe
Center**

The value of Rochester's woodworking output is over \$7,000,000 annually. The city contains the largest manufacturers of filing and office systems in the country. Its output of foundry and machine shop products is in the neighborhood of \$7,200,000 annually. More high class vegetable ivory buttons are manufactured in Rochester than in any city in the country. The value of the yearly output is over \$2,500,000.

**Other Im-
portant
Lines**

Chapter II. Health—Efficiency

HEALTH has always been the best asset of man. This fact is only now being realized. In the old days men established their business where there were water power, transportation facilities and cheap labor. Today they are neglecting neither power nor transportation, and studies in efficiency have taught them that labor is not cheap unless it is efficient; unless the worker is robust he is not desirable.

Man guards his health so carefully in Rochester and nature is so benevolent that the efficiency of the worker is of a correspondingly high order. The city has good air and an ample supply of the purest water, tested both chemically and bacteriologically four times every month. We have broad, well-paved, well-lighted streets leading to beautiful parks and drives. In this city the automobile is so rapidly displacing the horse that there are few manure boxes and, consequently, few flies.

**Health
Protection**

Rochester is without epidemic disease, in the sense in which that term is usually understood. There is no smallpox to disturb business, because the people—the men, women and children—have been well protected by vaccination. For the past five years, the city has had the lowest typhoid death rate of any city of its size in America. Malarial fever is so infrequent that a prize is offered for each reported and verified case. During the last two years, there has been an average of less than fifteen deaths per 100,000 population from diphtheria. Other diseases of children are infrequent in number and deaths few. In Rochester fewer children

**No
Epidemic
Disease**

under one year of age have died than in any large city in the State or in this section of the country, for many years. Here, for a period of years more people died over 70 years of age than children under five years of age. The health of the child all thru its early life is carefully guarded, and efficiency systems in factories and work shops are caring for the health of the worker.

Look at Rochester from the railway car as you pass thru the city and note its clean approach. This is evidence of the care given by the city in cleaning its streets, providing beautiful parks and ample and healthful school buildings.

Chapter III. Labor Statistics

THERE are approximately 118,148 persons gainfully employed in Rochester. Of these 85,488 are males and 32,660 females. Over 72,000 of those engaged in gainful occupations in the city are between the ages of 21 and 44 years. Less than 2,000 are under sixteen years of age. There is no child labor in Rochester.

Diversity of Labor

The diversity of industries in Rochester produces a diversity of labor that operates to the advantage of both manufacturer and the employes because men accustomed to one trade find it a simple matter during the slack season to locate with another manufacturer in a non-competing line. It has been found that the busy seasons of the different trades so interlock that the employee finds steady employment throughout the year at a regular wage.

Foreign Born Labor

Approximately 39,616 of those engaged in gainful occupations within the city are foreign born. Of these, 31,903 are males and 7,713 females. Foreign-born labor constitutes about one-third of the entire labor supply of the city. There is practically no negro labor, less than 1,000 negroes being classified as gainfully employed.

Labor Dis- tribution

Over 61,000 of those gainfully employed are engaged in the manufacturing and mechanical industries. About 15,600 are engaged in trade and 12,000 in clerical occupations. The remainder are engaged in transportation, or the various kinds of professional and domestic service. There are about 60,000 factory employes in Rochester. Of these the shop force numbers about 56,000.

Skilled Labor

Two-thirds of Rochester's factory employes are skilled workers. For this unusually high proportion, the unique character of Rochester goods is responsible. Highly manufactured articles in which labor is the principal factor of cost predominate. Fifty-eight per cent. of the total cost of the city's manufactures as a whole, go to reimburse labor, a situation which is found nowhere else in the entire country.

Industrial Rochester has splendid educational advantages whereby workmen may secure scientific training at night school to supplement practical experience, and a large number of the unskilled workers is constantly graduating into the class of the skilled.

Vocational Training

There are two sources of evening instruction: The city's evening schools and the night classes offered during six months of each year by Mechanics Institute. The public evening schools are open to all, American or foreign-born, with no tuition fees. Elementary classes are formed in September in a great variety of courses, drafting, shop work, mathematics, English, household arts subjects, branches of the applied arts. In fact, for every workman engaged in ordinary pursuits, some course of evening instruction may be found, well worth his continued attention.

Plentiful Educational Oppor- tunity

Mechanics Institute devotes its attention almost entirely to the more advanced phases of the industrial, household and applied and fine arts; in its evening department, supplementing the actual shop, laboratory and studio classes with academic courses in the sciences, higher mathematics, four years training in mechanical drafting, engineering education in practical form, and other allied subjects.

The Institute's co-operation with Rochester's manufacturers has been made possible through the serious interest shown in the school's evening courses by the departments of welfare for employees of Rochester's greatest plants. Every effort is made by the school and by employers to encourage employees to attend. Many large Rochester plants refund, at the close of the evening year, a portion, sometimes the total, of tuition paid by their evening class students at the Institute.

Manufac- turers Co-operate

Thirty-two per cent. of Rochester's factory employees are women. This is an unusually high percentage. Of the 25 leading cities of the country only four, Baltimore, Boston, Philadelphia and New York, surpass it. This high proportion of woman labor makes for unusual productivity and prosperity.

Female Labor

The annual income of the average factory employe's family in Rochester is \$900. The average wage of the male worker, including boys, is \$680. The average wage of females, including girls, is \$442. Of 24 principal cities of the United States, Rochester stands eleventh in the matter of wages paid male factory workers. Most of the cities standing higher in the list are Pacific Coast and other Western cities where labor is notoriously scarce.

Prosperity in Homes

Although comparative statistics are not available, there are indications that with respect to the size of family incomes, Rochester's rank is even higher than in wages paid men. This is be-

cause of the many women employed in the city's industries. Each year approximately \$26,657,000 is paid out in wages to Rochester factory workers. Of this sum, women and girls receive approximately \$6,239,272. When it is considered that more than 65 per cent. of all the female factory employes of Rochester living at home turn over their entire earnings into the family exchequer, it is seen readily that their earnings are quite an important item in the family budget.

No "Factory Section"

There is no factory section in Rochester, the plants being scattered throughout the city. This prevents acute congestion in street cars and is certainly of great benefit to the city itself because the industrial plants are noted for the excellence of their architecture. Many are located in the open country surrounded by trees and lawns with recreation spaces.

Chapter IV. Financial Conditions

THERE are four state banks, three national banks,—members of the Federal Reserve; five trust companies, and four savings banks in Rochester. The detailed statement given below will show their resources.

Bank Summary			
	Capital	Deposits	Surplus
Alliance Bank	\$ 500,000	\$ 9,264,000.	\$ 450,000.
Central Bank	300,000	7,500,000.	330,000.
Lincoln National Bank	1,000,000	16,543,519.50	1,640,440.21
Merchants Bank	300,000	6,400,000.	410,000.
Traders National Bank	500,000	7,800,000.	400,000.
Fidelity Trust Co.	200,000	9,824,601.11	339,635.19
Genesee Valley Trust Co.	500,000	9,250,000.	269,213.64
Rochester Trust & Safe Deposit Co.	500,000	22,224,112.97	886,802.10
Security Trust Co.	300,000	15,586,048.76	546,279.57
Union Trust Co.	500,000	12,141,739.52	546,894.06
Nat'l Bank of Commerce	750,000	10,330,012.28	625,000.
Citizens' Bank of Rochester	250,000	Organizing	125,000.
			Investment
			Surplus
Monroe County Savings Bank		\$25,265,801.00	\$2,061,884.47
Rochester Savings Bank		26,833,269.53	2,433,868.50
East Side Savings Bank		13,720,711.84	757,807.96
Mechanics Savings Bank		4,753,832.45	405,216.08

There are 17 savings and loan associations with assets of \$2,-826,384, all of which is put out in loans on bonds and mortgages.

Sound Condition of Banks

Rochester banks have experienced no failures in more than 33 years, and stand shoulder to shoulder in case of emergency. Rochester was the only city within a large radius to weather the storm of 1907 without the aid of Clearing House certificates.

Under the Federal Reserve Bank act the resources of the member banks in time of need will be largely augmented through the facilities available in rediscounting prime commercial paper at the district reserve agency.

Rochester banks have a reputation for providing their deserving customers with all the capital required, getting it when necessary through the larger banking centers, thereby aiding the constant growth of the city's varied industries. They are ever ready to aid new and worthy enterprises.

**Banks
Ready to
Co-operate**

Manufacturers are finding it more satisfactory to do their financing the year around with home banks rather than take advantage of an occasional low rate offering by note brokers from the larger cities, and, with the ample capital and surplus at their disposal, Rochester banks are able to answer any legitimate demand made upon them.

It is true that Rochester's banks are conservative. This is the fundamental safeguard of the banking institution, but it is the conservatism of experience, not the conservatism of limited resources.

**Conserva-
tive Bank-
ing Policy**

Since the establishing of the Rochester Clearing House association some years ago, facilities for handling the business between banks have been greatly increased, and the Rochester Stock exchange offers abundant facilities for purchase and sale for local and out of town securities.

**Increased
Banking
Facilities**

Chapter V. Living Conditions

ROCHESTER has 206 square feet of park area for every inhabitant, and, with its five large and 25 small parks equipped with play-grounds, baseball diamonds, tennis courts, golf links, lakes and rivers, with opportunities for boating and swimming, has organized its play and its out-door life to a high degree of perfection. Play-grounds are also found in thickly settled sections of the city, maintained for the children, with supervisors in constant attendance to guide the play.

**Diversified
Recreation
Facilities**

In 1915 the city government spent \$1.25 per capita on public recreation. Rochester spends more per capita for the recreation of its citizens than any other American city with a population of 250,000 or over, except Boston and Chicago.

**Recreation
Appropriation
High**

Rochester has four high schools, 40 grade schools, one shop school and one prevocational school for boys, one vocational school for girls, in the public school system. There are five Catholic high schools and 27 grade schools. There is the University of Rochester, Mechanics Institute, three theological seminaries, the Western New York Institute for Deaf Mutes, six private schools, five commercial schools, and five schools of music. Rochester has more than 60,000 pupils and students. There are five public libraries and a new art gallery.

**Compre-
hensive
Educational
Facilities**

**Good
Homes
Reasonable**

There are approximately 48,500 dwelling houses in Rochester. So generally excellent is their construction that the city has scarcely any tenements in the common meaning of that word. Good homes can be secured as low as \$100 down, balance payable at about the same rate as the purchaser would pay if he were renting the house. This plan has operated to place thousands of deserving men in their own homes, and evidence of its success is the fact that foreclosures among this class of buyers are so rare as to be negligible.

**“The City
of Homes”**

Rochester is called “The City of Homes.” No city east of the Rocky Mountains with a population of 250,000 persons or over, has a larger proportion of home owners. Over 42 per cent. of Rochester’s homes are owned by those who occupy them, an indication of the thrift and stability of our workingmen. Only three large cities in the entire country, all of these on the Pacific Coast, can exceed this record. The stable condition of the Rochester realty market makes loans for building purposes a good risk in Rochester and it is very easy to secure money for such a purpose.

**Dwelling
Congestion
Absent**

The geographical location of Rochester allows plenty of room on all sides of the city for expansion. Physical conditions can never induce congestion of dwellings. Nearly every home has land around it for a flower and vegetable garden. The average home lot is from 40 to 50 feet wide and 120 to 140 feet deep. A very small number are under 40 feet wide. Wise building restrictions make it impossible to put up in closely built sections, houses of the same pattern, or tenements.

**Pure and
Plentiful
Water**

Rochester’s water supply is obtained from two lakes owned by the city—Hemlock and Canadice, 30 miles to the south, famous for their purity and soft quality. The supply is brought to the city by gravity, through duplicate mains. In a short time, there will be a triplicate main, insuring continuous flow and adequate supply for the next 10 years. One intermediate reservoir and two large local reservoirs form secondary resources. Part of the city, recently annexed, is supplied by the Rochester and Lake Ontario Water Company.

Gas is sold for residence purposes at 95 cents per thousand cubic feet; electricity at eight cents per kilowatt hour.

**Unusual
Street Car
Service**

Rochester’s transportation facilities are growing with the city. The distance between a workman’s home and his destination is small compared to most cities, consequently the time consumed in trolley riding, and therefore lost from the day, is less than in most manufacturing centers. The average trip is 20 minutes. Compared with large centers, there is very little crowding of the cars. It can be said with truth that Rochester has better cars, better

road-bed, a more comprehensive transfer system, and as good a schedule as any city of its own or of larger size.

Rochester is excellently equipped to serve conventions. About 155,000 square feet of floor space is available for meetings and attendant exhibits without expense and this includes heat and light. Convention Hall, with a seating capacity of 20,200 square feet, and its annex of 34,800 square feet for exhibits, is found very convenient by big conventions because it is on car lines and located within easy reach of the hotel and shopping districts. The remaining 100,000 square feet of building floor space are in Exposition Park with spacious grounds of 42 acres; 8 buildings, including auditorium, exposition building, zoo, aquarium, shop school, free public library and band stand.

**Excellent
Convention
Facilities**

Rochester is better policed than the average city of its class. It has 371 police officers, an average of one officer to every 673 persons. Milwaukee has one officer to 733 persons, and in Cleveland one officer must police 898 persons. Of a list of 57 cities, Rochester ranks 22d with respect to the adequacy of its police protection. The policy of Rochester aims at the prevention, rather than punishment, of crime.

**Exceptional
Policing**

Rochester has ample fire protection. There are in the city, 37 companies with 410 firemen. Through intensive campaigns of public education the city's fire loss is being held down.

**Ample Fire
Protection**

Chapter VI. Life in Rochester

ROCHESTER is a beautiful, clean, healthy city on the Genesee river and Lake Ontario and surrounded on three sides by a country of valley, upland, lakes and hills, every mile a scene which charms and delights.

The roads are excellent. Thriving, prosperous villages and smaller cities within easy autoing provide excellent hotels for the autoist or traveler. Historically, for this is the country of the Iroquois, the countryside is interesting.

**Excellent
Touring**

From finger lakes back in the hill country comes the pure drinking water which contributes so much to Rochester's healthiness. Lake and river give diversity to the city's largest parks, the important members of a system so ample that every section has its park, and so equipped as to provide generous facilities for recreation and all the games from baseball and football to tennis and golf.

Rochester's clubs are excellent, architecturally of high standard, comfortable and in cuisine superior. The larger clubs in the central portion of the city are: The Genesee Valley, The Roch-

**Clubs of
High Order**

ester, the University, the Physicians. Only two and a half miles is the Oak Hill Country club, and on the southeastern edge of the from the center of the city, nearer even than Genesee Valley park, city is the Rochester Country club.

**Night's
Ride to
New York**

Rochester is only a night's ride to New York, Washington, St. Louis, Cincinnati, Toronto, Detroit, Cleveland, to cities as far east as Boston and Montreal and as far west as Chicago. In fact, by catching a train after 11 o'clock at night you are landed in New York in time for early breakfast on the following morning, and by catching a train in New York at the same hour, after seeing the curtain drop on the last act in your theater, you are back in Rochester about 8 o'clock in the morning.

The educational facilities of Rochester are exceptional. Here are the University of Rochester, the Rochester, St. Bernard's and St. Andrew's seminaries, and Mechanics Institute, for manual training, arts and crafts, and domestic science. The public and parochial school systems are maintained at a high standard, both in grammar and high schools, and, in addition, private schools of merit offer excellent courses and training.

**Big The-
atrical
City**

Theatrically, Rochester is one of the "Big Cities," attracting the best, both in plays and players. Several vaudeville houses of high grade are included. Fine moving picture houses abound. Musically, Rochester is a leader. In the concert season, the best singers and musicians are heard here. The Rochester Orchestra, a large and noted organization, has been in existence 17 years, growing in excellence and reputation. The city has a musical director as a salaried official, who leads its large Park band, maintained to give frequent free concerts in the parks throughout the summer and at Convention Hall in the winter, head parades and assist in other public functions.

**"City of
Churches"**

With other cities, Rochester shares the appellation "City of Churches." It is a clean-living, high grade city and the many fine churches it maintains give evidence to its character. The churches: Baptist, 16 and two missions; Christian, two; Church Reformed, one; Christian Science, one; Congregational, one; Evangelical, three; Evangelical Association, two; Jewish, 14; Lutheran, 14; Methodist Episcopal, 13; Methodist, Free, one; Presbyterian, 18; Presbyterian, United, one; Protestant Episcopal, 12; Reformed Church in America, three; Reformed Church in United States, two; Roman Catholic, including St. Patrick's Cathedral, 30; Second Adventist, one; Seventh Day Adventist, one; Unitarian, one; Universalist, one; other religious societies, 15.

All told, life in Rochester approximates the ideal.

Chapter VI. Transportation

ROCHESTER enjoys the magnificent freight service afforded by the five great trunk lines of the East, in company with other cities in this section. It has, in addition, the advantages of a daily package car service over all roads making it possible for the manufacturer to ship "less car lots" daily to all important distributing points. This service is guaranteed by the constantly increasing use of it by Rochester manufacturers. It is the aim of modern transportation to load less carload package freight in through cars to destination or as near it as possible. One of the principal trunk lines has recently completed a large freight transfer where all through package freight is consolidated in the center of the city and rapidly handled, and through cars make daily trips to final destinations and not only to large cities or general distributing points as heretofore. They are enabled to do this by the enormous tonnage constantly accumulating. This freight transfer is fully protected by railroad police and by this arrangement, pilferages and resultant claims are reduced to the minimum, and it is apparent that it will give to the Rochester shipper a service that he would not enjoy if located elsewhere. The other lines also handle "less car lots" in a similar manner through more distant transfer points. This practice enables the loading of through cars not only to destinations on the lines of these initial carriers, but to destinations on connecting carriers in all directions.

**Superior
Freight
Service**

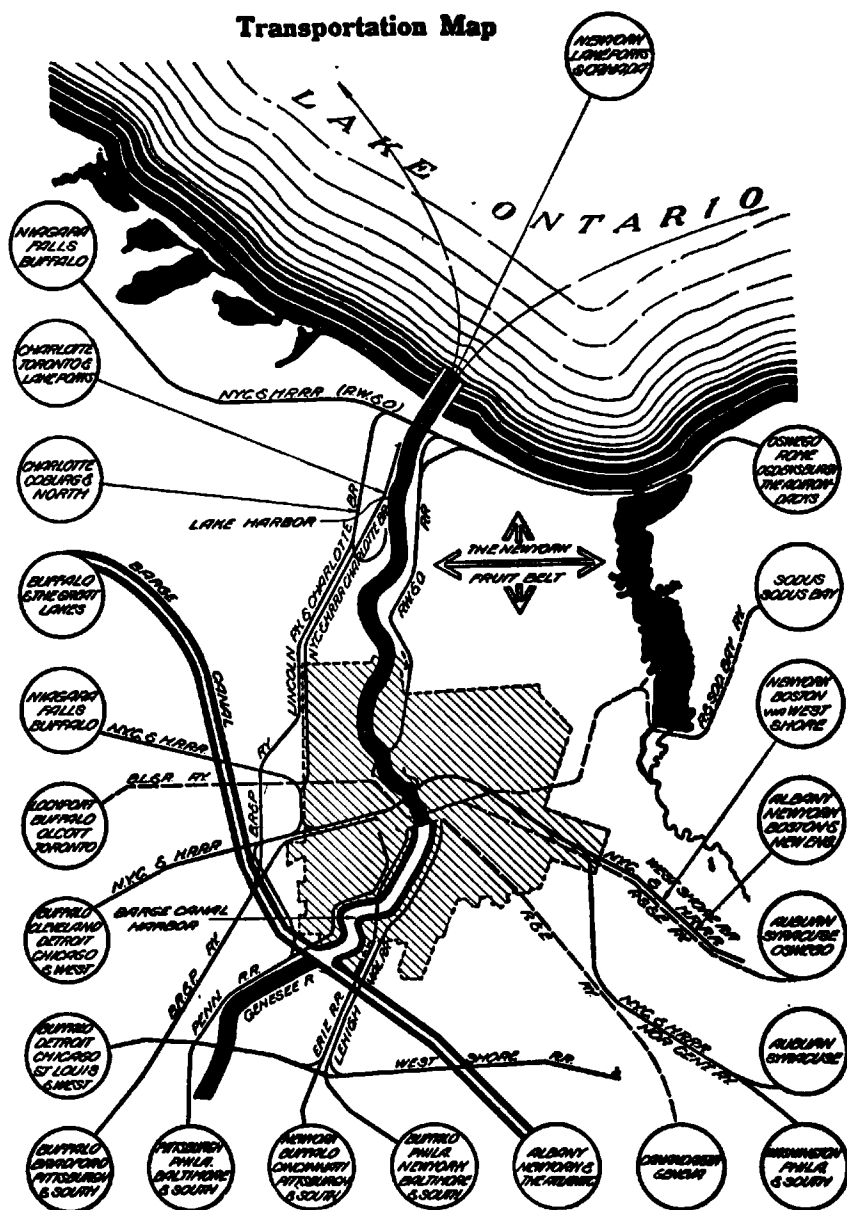
A large elevator and warehouse located on the tracks of one of the principal trunk lines, has been in successful operation for a number of years. Another line has recently completed a large storage warehouse in this city to take care of package freight for distribution. The general tendency is to do away as far as possible with the old practice of peddling less carload shipments from one transfer to another, resulting in serious delays, damage and loss. Shippers and receivers of freight readily recognize the advantage of locating in a city having such unusual facilities for up-to-date transportation.

**Large
Elevator
and
Warehouse**

Rochester is located in the center of distribution of what is called the Eastern Market. The location gives its manufacturers an advantage in time and lower freight rates to a large number of points. While enjoying the profits of a short haul to local points, the manufacturer finds his longest haul to be about half that of his competitor located some distance to the east or west of him. The Eastern Market represents the greatest density of population in the United States, and an even greater density of purchasing power.

**Low
Freight
Rates**

Transportation Map



Express and Freight Time of Delivery

City	By Rail	Express	Freight
Baltimore, Md.	350 miles	Next morning	Second day
Boston, Mass.	425 miles	Next morning	Third day
Chicago, Ill.	605 miles	Next afternoon	Third morning
Cincinnati, Ohio	515 miles	Next afternoon	Third day
Cleveland Ohio	250 miles	Next morning	Second morning
Detroit, Mich.	320 miles	Next morning	Second morning
Indianapolis, Ind.	535 miles	Next afternoon	Third day
Louisville, Ky.	640 miles	Second morning	Fourth morning
Memphis, Tenn.	1020 miles	Second day	Fourth day
Milwaukee, Wis.	690 miles	Second morning	Fourth morning
New York City	360 miles	Next morning	Second morning
Philadelphia, Pa.	368 miles	Next morning	Second morning
Pittsburgh, Pa.	330 miles	Next morning	Second morning
Richmond, Va.	505 miles	Second morning	Third day
St. Louis, Mo.	800 miles	Second morning	Fourth morning

The above is a list of 15 cities which has been prepared giving the rail distance and the length of time required for delivery by express and by freight.

Taking into consideration the Eastern, Western and Southern markets, no city is more favorably situated than Rochester for traffic charges in both directions.

**Proximity
of Markets**

Rochester is served by five great railroad systems:

Buffalo, Rochester & Pittsburgh Railway,
Erie Railroad,
Lehigh Valley Railroad,
New York Central Railroad,
Pennsylvania Railroad.

**Steam
Lines**

The Barge canal will pass through the southern section with a wide and deep harbor running to the center of the city. An increasing tonnage will move east from the Eastern and Middle West to go west to the Pacific Coast, South American ports and the Orient through the Panama canal, and Rochester is most conveniently located to tidewater.

**Good Water
Transporta-
tion**

At the present time, in connection with the construction by the State of New York of the new Barge Canal, between Lake Erie and the Hudson River, contracts have been let for the construction of a canal harbor in the heart of the city; and in addition to the harbor itself the State will construct a modern terminal warehouse equipped with all necessary facilities for the handling of freight.

**Canal
Harbor
in City**

The completion of this harbor and the terminal, together with the improved barge canal will give to Rochester industries an increased opportunity in the use of water transportation not only between points on the canal, but to and from other points, not on

the canal proper, which can be reached partly by canal and partly by rail.

The future anticipated development of canal boat lines will be in the direction of the use of the canal as a means of transportation not alone for cargo freight, but also for general merchandise package freight.

The Rochester lines of the New York State Railways have 149 miles of trolley tracks in the city, operating 14 routes. This is exclusive of the inter-urban lines, of which there are five:

Interurban Lines

Buffalo, Lockport & Rochester,
Erie Railroad,
Rochester & Eastern,
Rochester, Syracuse & Eastern Ry.,
Rochester & Sodus Bay.

They are all operated electrically, cover a wide territory, and run trolley freight and express service.

To Open New Territory

It is proposed to convert the bed of the abandoned Erie Canal into a tunnel switching road to take care of all suburban electric cars and the interchange of freight cars between all of the steam railroads and incidentally opening up many valuable locations for factories and warehouses.

Big Lake Port

The Port of Rochester is seven miles north of the center of the city with a custom house and harbor facilities. Lake Ontario is thus an addition to the transportation facilities and the exports for the year ending June 30, 1916, amounted to \$3,084,496. The imports totaled \$2,011,240. The annual net registered tonnage at the Port of Rochester is greater than that of any other American port on Lake Ontario.

Good Canadian Connections

The Ontario Car Ferry Company, with two fine and modern boats, a facility of the Buffalo, Rochester & Pittsburgh Railway, furnishes daily service quick transit to and from Canadian points, and brings Canada readily in direct communication with Rochester. The Port of Rochester also is a point of call for the regular boats of the Canada Steamship Lines, Ltd.

Welland Canal

The completion of the work of improving the Welland Canal permitting the passage of lake boats between Lake Ontario and Lake Erie will add greatly to the importance of the Port of Rochester on Lake Ontario.

Chapter VIII. Power and Raw Material Supply

Low Electric Power Costs

A COMPARISON of the cost of electric service in the twenty-six leading cities in the country, covering the use of from 1 to 200 kilowatts for intermittent use and for long, steady operations shows that the Rochester power costs are practically

the lowest in the group, being for domestic use, ten per cent. below the average; for very small power users, less than three-quarters of the average rates; consumption between ten and two hundred horsepower, ten to twenty per cent. below the average of the group; for manufacturers above two hundred horsepower, approximately three-quarters of the average rate obtaining in the leading cities of the country.

From the foregoing it is evident that Rochester is situated most favorably both for those who purchase electrical energy and for those who prefer to produce their own power supply.

The cost of power from steam or gas engine supply is dependent almost entirely on the fuel cost in the given locality, since labor, supplies and original equipment will, over a very wide range of territory, be practically identical in the various cities. With reference to coal cost then, we note that Rochester is in close proximity to the Pennsylvania beds, from which coal of good steaming quality can be laid down at the plant for from \$2.60 to \$4.00 a ton under normal conditions.

**Good
Steam
Power**

The City of Rochester was originally created by the attractions offered to the milling industries by the two hundred and fifty-six feet of fall in the Genesee River in what is now the heart of the city. This fall provides a large amount of power, which will be greatly augmented when the storage reservoir at Portage, for which plans were prepared by the State Water Supply Commission, shall have been constructed.

**Ample
Water
Power**

Major parts of the present hydraulic power together with power imported from Niagara Falls and the output of a large modern steam turbine plant built during 1913 is handled by the local public utility company, the operation of which, under public service regulation, insures a continuance of the present quality of service and low rates for power.

**Hydraulic
Power**

In two of the city's industrial districts the local power company furnishes both high pressure steam for industrial purposes and low pressure steam for heating during the heating season. These districts are being constantly enlarged and a supply for the other industrial districts of the city is being planned.

**Metered
Power
Service**

The high pressure steam is furnished continuously throughout the year at one hundred pounds pressure, and since it is furnished through reducing valves from boilers carrying a much higher pressure, the quality of the steam and the pressure regulation is assured.

Low pressure steam at about five pounds pressure is furnished for heating and other low pressure uses during the heating season.

Both high and low pressure are sold on a meter basis and the Rochester rates are among the lowest in the country. The metering gives an opportunity for effecting economies in operation.

**Cleanliness
and Safety**

This service is a great convenience in the elimination of smoke and dirt incidental to the operation of a boiler plant and the necessary handling of coal and ashes. It also removes from the premises the danger to life and property from the operation of a high pressure boiler plant.

**Proximity
of Raw
Material
Supply**

Proximity to the sources of raw material supply is the principal factor of successful manufacturing. Fuel supply being among the important raw materials, Rochester is exceedingly fortunate in its location, as it is accessible by direct lines of railroad to the coal regions of Central and Western Pennsylvania, where the best grades of both coal and coke for manufacturing purposes can be obtained at reasonable transportation cost.

**Good Fuel
Supply**

The great capacity of mines and ovens, the reliability of the operators, and the unexcelled transportation facilities from the mines to Rochester insure regularity of supply and a variety of fuel required by different factories. All of these factors contribute to economy in production.

**Economical
Transporta-
tion**

Situated in the western part of New York State, on the south shore of Lake Ontario, this city has access to the magnetic iron ores of the Province of Ontario and similar deposits in New York State, for steel making purposes; the pyrites of Ontario for chemical plants; the lumber and pulpwood from the Canadian forests; feldspar and other materials, large quantities of which are daily passing our doors enroute to more remote points of manufacture; pig iron from the furnaces here and at Buffalo; iron and steel shapes, ingots or billets from the Buffalo and Pittsburgh districts, are easily obtained, under normal conditions, as the distances which such commodities must be transported are comparatively short. In fact, being situated about half way between the eastern and western producing fields, there are no abnormally long hauls or high transportation costs on raw materials brought into Rochester.

Factories producing specialties will find plants already located here that can supply them with certain kinds of material, as there are over 1700 industries of all kinds now in operation with a variety of product which is rarely found in one community.

**Advan-
tageous
Location**

Rochester is located in the center of the greatest fruit and vegetable producing section of the United States, is geographically situated to secure all of its supply of raw materials more advantageously than many cities in the United States. Its close proximity to the mineral and coal mines, cement mills, forests, and the

large export and import ports of the Atlantic Seaboard, in connection with its efficient transportation facilities and supply of electrical power, gives Rochester a very great advantage over many other cities as a manufacturing center.

Rochester is within a very short distance of the bituminous and anthracite coal fields, enabling manufacturers to secure an adequate supply for heating and power purposes, and with our supply of electrical power, affords Rochester exceptional facilities for its most important essential—power.

**Coal
Fields
Nearby**

Lumber is secured in ample quantities from the Adirondacks, Canada, Northwestern Pennsylvania and the South.

Lumber

Cement is produced in very large quantities in New York State, several of our largest cement mills being located on the Hudson River, and in Northern and Western Pennsylvania, from which sources of supply, the transportation cost is reasonable and the service prompt.

Cement

Steel, pig iron, tinplate, etc., are produced extensively within a very short distance of this city; pig iron within the city limits, Buffalo, New Castle, Youngstown and the Pittsburgh district, thereby enabling Rochester to secure its supply of these most important raw products advantageously.

**Available
Metals**

When the new Welland Canal, under construction by the Canadian government, has been completed and the large vessels, now plying the Great Lakes, can pass through to Lake Ontario, it will be possible for iron ore from the head of the lakes to be landed, with proper harbor facilities provided, at the Port of Rochester at practically the same freight cost as at ports on Lake Erie. This should make it possible for unlimited developments for iron and steel industries. The pulpwood supply from Canada can also be handled by water to the Port of Rochester at the present time on even more favorable basis than to ports of the other Great Lakes, which should encourage the development of pulp and paper mill industries.

**Good
Develop-
ment
Possibilities**

Brick, (common building), is produced in large quantities by Rochester manufacturers with plants in the suburbs of the city, and an ample supply of sand and gravel is obtained locally in various parts of the outlying districts, and within fifteen miles of the city, there are located large beds which supply Rochester builders.

**Brick
Sand
Gravel**

Other raw material used by manufacturers and builders, imported at Boston, New York, Philadelphia and Baltimore (Atlantic Seaboard ports), is delivered within twenty-four and forty-

eight hours at our doors, thereby giving Rochester exceptional advantages in its supply of raw materials for manufacturers and builders.

Chapter IX. Market for Products

YEAR by year, the market for Rochester products has broadened until now it covers the entire world. The import and export situation grows more and more important as time advances.

Fertile Sales Territory

Rochester is located in the heart of the richest agricultural country in New York State and the second richest in the United States in point of productiveness. The six counties that naturally look to Rochester as a center have a population of over five hundred thousand, and this represents a very prosperous buying public, which does its trading in Rochester.

Sales Center

A circle drawn within a radius of 90 miles of Rochester embraces a population of over two million, and this territory is supplied with marked success, by many Rochester manufacturers. A second circle, within a radius of 750 miles, embraces a population of 70,000,000, or about 70 per cent. of the total population of the United States, and also nearly 5,000,000 Canadians.

Good Will for Roch- ester Manu- facturers

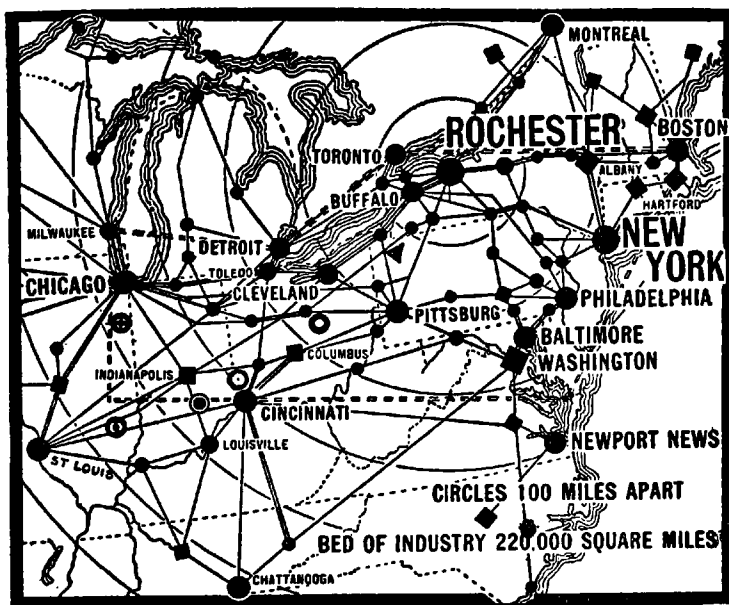
Rochester products sell everywhere in the civilized world. In addition to the selling methods of the individual manufacturers, there are two important reasons for this condition. The first is the strategic shipping point, the second is the good will asset. It is customary either to overdo or to make light of a good will asset, and neither attitude is safe from a business point of view. Rochester, therefore, asks the manufacturer who is considering the location of his plant here, to get his information as to how Rochester is regarded from the advertising sections of the magazines; from the world travelers, in the Pullman smokers; from that great fraternity of traveling men that covers the country from coast to coast and has no enthusiasms that are not based on hard facts. Ask the traveling man what it would mean to him to be able to tell his customer that he comes from Rochester. Ask the buyers of stores what they think of Rochester, and in that way, you will get, not our favorable opinion, but the unprejudiced judgment of men who do business year in and year out with this city.

Buyers' Market Here

Rochester is considered the market. People come here in a buying spirit. It is not a side issue or a fortuitous chance. The manufacturer finds that his buyers come to him. It is known throughout the civilized world that Rochester made means quality and the fact that a factory is located in Rochester is, in itself, a

guarantee that a manufacturer must produce quality goods, else he could not afford to stay in the city. Shoddy goods can not be made profitably here.

The statement that **IN ITS CLASS A ROCHESTER PRODUCT IS A STANDARD OF MANUFACTURE** is an asset that can only be learned by experience. It is easy, however, to get confirmation of this fact from the manufacturers now located in the city.



**Other
Chamber
Booklets**

It has been the aim of the Industrial Development Committee to incorporate in the foregoing chapters all information and data which prospective new industries generally want to consider before reaching a decision. It has been the committee's experience, also, to encounter special requirements which call for special information but indirectly related to the subject of this booklet. Consequently, below are listed the various Chamber publications in which may be found information covering a wide range of civic and commercial activities. Copies of the following will be furnished upon request:—

1. "Accident Prevention"
2. "Commerce of the Port of Rochester"
3. "Conditions Existing in the Clothing Factories of Rochester, N. Y."
4. "Fire Prevention"
5. "How Fakers Fake"
6. "Industrial Legislation Activities of the Rochester Chamber of Commerce"
7. "Kill the Carriers" (health—rodents)
8. "Live a Little Longer" (public health—education)
9. "Postal Information"
10. "Rochester, The City Beautiful"
11. "Rochester, The Convention City"
12. "Rochester, The Warehouse of 27 Counties" (containing directory of Rochester wholesalers)
13. "The Community Council"
14. "The Friendly Tree" (campaign for rural tree planting)
15. "The New Rochester Chamber of Commerce Building"
16. "The Rochester Chamber of Commerce"
17. "The Smoke Shroud" (campaign for abatement of smoke nuisance)
18. "Survey of Needs in Commercial Education"

Directory of Manufacturers

ABSTRACTING MACHINES

- ✓ Rectigraph Co.,
307 St. Paul Street.

ADVERTISING NOVELTIES

- ✓ ✓ Bastian Bros. Co.,
69-117 Mt. Hope Avenue.
- ✓ F. L. Bennett & Co.,
507 Exchange Place Building.
- ✓ *E. J. Bosworth Specialty Co.,
25 South Water Street.
- ✓ *Burden & Salisbury Co., Inc.,
259 Monroe Avenue.
- ✓ The Kinton Co., Inc.,
163 St. Paul Street.
- ✓ *Metal Arts Co.,
77 South Avenue.
- ✓ *Rochester Photo Press,
77 St. Paul Street.
Anthony G. Stenson,
167 State Street.
- ✓ Taylor Bros. Co.,
95 Ames Street.
- ✓ Twentieth Century Novelty Co.,
293 Mill Street.

AGRICULTURAL IMPLEMENTS

- ✓ F. J. Turner,
52 Thurston Road.
Foster Steel Stanchion Co.,
905 German Insurance Building.
- ✓ Rochester Gas Engine Co.,
108 Platt Street.

ANATOMIST

- Charles H. Ward,
19 Werner Park.

APRONS

- ✓ The Ione Garment Co.,
62 State Street.

ARCH SUPPORTS

- ✓ James Page,
2 Violetta Street.
- *GEO. E. FULLER CO.,
230 Andrews Street.

ARCHITECTURAL IRON WORK

- ✓ *Enterprise Foundry Co.,
98 Olean Street.
- ✓ *F. L. Heughes & Co., Inc.,
190 South Avenue & Lyell Avenue at Gates.
- ✓ *Chas. E. Kohlmetz,
178-180 North Water Street.

- *Henry L. Kohlmetz,
103-109 North Water Street.
- *The Ricker Mfg. Co.,
239 North Water Street.
- *Young's Wrought Iron Works,
37-39 South Water Street.
- ROCHESTER IRON WORKS,**
616 Powers Building.

ARTIFICIAL LIMBS

- ✓ *GEORGE R. FULLER CO.,
230 Andrews Street.
Rochester Artificial Limb Co.,
275 Central Avenue.

AUTOMOBILE ACCESSORIES AND SUPPLIES

- Thomas P. Allen,
130 Mt. Hope Avenue.
- *AMERICAN GLASS & CONSTRUCTION CO.,
46-48 Cortland Street.
- *CROWTHER MOTOR CO.,
Ridgeway Avenue and B. R. & P. Ey.

- Gaylord Sanitary Mfg. Co.,
1 Gleason Place.

- *HASKINS ART GLASS CO.,
Court and Cortland Streets.

- *Kellogg Mfg. Co.,
3 Circle Street.

- Mehserle Garage Co.,
545-547 West Avenue.

- Metallic Automobile Matting Co.,
171 York Street.

- North East Electric Co.,
348 Whitney Street.

- Otis Machine Works,
191 Mill Street.

- Rochester Carriage Co.,
1701 East Avenue.

- ROCHESTER IRON WORKS,**
616 Powers Building.

- Rochester Manufacturing Co.,
383 St. Paul Street.

- Rochester Pressed Steel Co.,
35 South Ford Street.

- *W. H. Rowerdink & Son,
78-82 North Street.

- J. H. Sager Co.,
36 South Water Street.

- *Schlegel Mfg. Co.,
277 North Goodman Street.

- *C. Schnackel Sons,
458 Joseph Avenue.

- Seneca Auto Supply Co.,
256 East Avenue.

- *Sullivan Bros.,
1701 East Avenue.

*Names marked with asterisk are represented in the Chamber of Commerce.

- ✓ *Vogt Mfg. & Coach Lace Co.,
408 St. Paul Street.
- ✓ Unitube Auto Radiator Corporation,
1139 University Avenue.
- ✓ Wigg & Wolf,
122 Mt. Hope Avenue.

AUTOMOBILE MOTORS

- ✓ *Rochester Motors Co., Inc.,
634 Lexington Avenue and
278 State Street.

AUTOMOBILES

- ✓ *James Cunningham Son & Co.,
13 Canal Street.
- ✓ *SELDEN MOTOR VEHICLE CO.,
Probert Street near East Avenue.
- ✓ *Sullivan Motor Truck Corp.,
1703 East Avenue.

AWNINGS, TENTS, FLAGS

- ✓ *Bickford Brothers Co.,
125 East Avenue.
- *James Field Co.,
41-43 Exchange Street.
- ✓ *The Fred F. Sabey Co.,
166-170 South Avenue.

BABBIT METAL

- ✓ *Atkinson Co.,
575 Lyell Avenue.
- ✓ *Coates, Bennett & Reidenback,
Hague Street cor. N. Y. C. R. R.
- ✓ *Rochester Lead Works,
380-382 Exchange Street.
- ✓ *HENRY WRAY & SON, INC.,
193-195 Mill Street.

BABY CARRIAGES AND GO-CARTS

- *Uhlen Carriage Co.,
94 State Street.

BADGES

- *Bastian Bros. Co.,
69-117 Mt. Hope Avenue.
- F. L. Bennett & Co.,
507 Exchange Place Building.
- *Metal Arts Co.,
77 South Avenue.

BAKERS

- ✓ *Anthony Baking Co.,
20 Caledonia Avenue.
- ✓ *Field Baking Co.,
129 Clinton Avenue South.
- ✓ *General Baking Co.,
392 North Street.
- H. M. Johnson,
1536 Lake Avenue.
- ✓ Merchants Baking Co.,
Lexington Avenue.

- Ontario Biscuit Co.,
8 Woodward Street.
- Geo. N. Perry & Co.,
37 Galusha Street.
- Rochester Baking Co.,
364 Main Street West.
- *Ward Bros., Inc.,
Murray and Texas Streets.

BAKING POWDER

- ✓ Mrs. Emma M. Allen,
229 Mercantile Building.
- ✓ Wm. B. Hoot,
203 Monroe Avenue.
- ✓ The Van Zandt Co.,
183 St. Paul Street.

BALL BEARINGS

- ✓ Auburn Ball Bearing Co.,
21-35 Elizabeth Street.

BARBER CHAIRS

- ✓ *Archer Mfg. Co.,
187 North Water Street.

BARBERS' SUPPLIES

- ✓ Chas. Adam's Sons,
36 Front Street.
- ✓ *F. H. Loeffler Co.,
16 Front Street.

BAROMETERS

- ✓ *TAYLOR INSTRUMENT
COMPANIES,
95 Ames Street.

BARREL MACHINERY

- ✓ Rochester Barrel Machine Works,
10 St. James Street.
- ✓ *Rochester Cooperage Co.,
526 Child Street.

BARRELS

- *Rochester Cooperage Co.,
526 Child Street.
- *Thomas G. Skuse,
Finney and Davis Streets.

BASKETS

- ✓ K. M. Bachmann,
898 Jay Street.
- ✓ C. M. Bayer,
616 Main Street East.
- Henry Bubel,
55 Lorenzo Street.
- ✓ Fi-Bo-Pak Co.,
843 Maple Street.
- ✓ Webster Basket Co.,
148 Railroad Street.
- ✓ *C. M. Lenhard,
21-29 Weicher Street.

*Names marked with asterisk are represented in the Chamber of Commerce.

Jos. C. Mueller,
334 Hague Street.
Frank A. Parker & Son Co.,
Rear 315 Troup Street.

BEDS—MATTRESSES— SUPPLIES

*Bickford Bros. Co.,
125 East Avenue.
Goldberg Bros.,
69 Hanover Street.
*Manhattan Bedding Co.,
85 Allen Street.
James F. Moyse,
Rear 35 S. Ford Street.
*Rochester Brass Bed Co.,
392 St. Paul Street.
Rochester Mattress Co.,
291 Jay Street.
Joseph A. Schantz Co.,
Central Avenue and St. Paul
Street.
*William J. Wegman Co.,
111-113 Mill Street.

BELTING—COTTON

Superior Belting Mfg. Co.,
176 North Water Street.
L. P. Warner,
Rear 61 Oakman Street.

BELTING—LEATHER

*Cross Bros. & Co.,
114 Mill Street.
*John M. Forster Co.,
110 Mill Street.
*Strong & Hery Co.,
301-307 State Street.

BIBBS—LOCK LEVER— GASOLINE

*NATIONAL BRASS MFG. CO.,
193-199 Mill Street.

BICYCLE ACCESSORIES

F. A. Smith Mfg. Co.,
396 Platt Street.

BILLIARD TABLES

Frank Schwikert & Son,
149 South Avenue.

BLANK BOOKS

*Bee-Hive Book Bindery,
45 Exchange Street.
*HENRY CONOLLY CO.,
39-43 Elizabeth Street.
*Eberwein & Zahndt,
45-47 Andrews Street.
*JOHN C. MOORE CORPORATION,
65-71 Stone Street.

*Elroy R. Patchen,
45 Exchange Street.
*JOHN P. SMITH PRINTING CO.,
193-199 Platt Street.
*White Binding Co.,
Aqueduct Building.

BLUE PRINTING

*Rochester Blue Printing Co.,
77 South Avenue.

BLUE PRINTING MACHINERY

Paragon Machine Co.,
77 South Avenue.
*Rochester Blue Printing Co.,
77 South Avenue.

BLUEING

*Meyer, Foote & Dayton Co.,
7-8-9 Public Market.
George L. Nunn,
Rear 256 Orange Street.
A. A. Stoddard Co.,
227 South Avenue.

BOAT BUILDERS—SUPPLIES

Bull Bros.
564 Averill Avenue.
Egbert W. DeLano,
32 Mt. Hope Avenue.
W. S. Hall Co.,
17 Elm Street.
Horton Boat, Engine & Supply Co.,
413 C. of C. Building.
Wm. V. Long,
323 Jefferson Avenue.

BOILER COMPOUND

The Johnson Compound & Supply Co.,
29 North Washington Street.

BOILERS

Genesee Boiler Works,
438 Exchange Street.
*Sidney Hall's Sons,
175 Mill Street.
Rochester Tank & Boiler Co.,
172 North Water Street.
W. A. Wilson Machine Co.,
215-217 North Water Street.

BOOK BINDING

*HENRY CONOLLY CO.,
39-43 Elizabeth Street.
*James Conolly Printing & Binding
Co.,
29 N. Water Street.
*DuBois Press, The,
82 St. Paul Street.
*Eberwein & Zahndt,
45 Andrews Street.
M. Knebel,
11 Holland Street.

*Names marked with asterisk are represented in the Chamber of Commerce.

***JOHN C. MOORE CORPORATION,**
65-71 Stone Street.

*The Post Express Printing Co.,
5 South Water Street.

*Rochester Herald Co.,
30 Exchange Street.

*JOHN P. SMITH PRINTING CO.,
193-199 Platt Street.

*UNION & ADVERTISER COM-
PANY,
22 Exchange Street.

*United Litho & Printing Companies,
228-236 South Avenue.

*Vredenburg & Co.,
236 South Avenue.

*White Binding Co.,
Aqueduct Building.

BOOT AND SHOE PATTERNS,

LASTS, TOOLS

G. P. Bailey & Son,
197 State Street.

*Adam Bertsch & Sons,
70 Andrews Street.

*D. E. Cross,
49 South Avenue.

*EMPIRE LAST WORKS,
Palmer Street.

John A. Houlihan,
15 Franklin Street.

Geo. W. Miller,
14 Commercial Street.

Rochester Cutting Die Co.,
167 Ames Street.

*Rochester Last Works,
1220 University Avenue.

BOOTS

(See Women's, Misses' and Children's
Shoes.)

**BOWLING ALLEY BALLS AND
TEN PINS**

C. & H. Reinschmidt,
57 Sullivan Street.

BOX MACHINERY

*Connell & Dengler Machine Co.,
222 Allen Street cor. Platt Street.

*M. D. Knowlton Co.,
21-35 Elizabeth Street.

*MORGAN MACHINE CO.,
1100 University Avenue.

*Samuel R. Parry,
224-230 Mill Street.

BOXES—FIBRE

McLean-Ward Fiber Case Co.,
13-15 South Water Street.

BOXES—PAPER

*ALDERMAN, FAIRCHILD CO.,
367 Orchard Street.

Buedingen Box & Label Co.,
Brown Street near State Street.

*W. Buedingen & Son,
89 Allen Street.

*Commercial Paper Box Co.,
Brown and State Streets.

*A. B. Cowles,
25 South Water Street.

Diamond Paper Box Co.,
205 North Water Street.

*Flower City Specialty Co.,
250 Mill Street.

J. F. Hunt,
84 North Street.

*J. K. Hunt,
190 Mill Street.

*Karle Lithographic Co.,
444 Central Avenue cor. Chatham
Street.

John A. Levis Co.,
109 North Water Street.

The Lorscheider-Schang Co., Inc.,
57 Andrews Street.

F. E. Theodore Manz,
7 Grant Street.

*Henry P. Neun,
131-141 North Water Street.

A. W. Ott Co.,
121 Merrimac Street.

*Rochester Folding Box Co.,
10 Commercial Street.

Rochester Paper Products Co.,
222 Mill Street.

*Stecher Lithographic Co.,
274 North Goodman Street.

John Wagner,
2 Benson Street.

BOXES—WOOD

*George Gillies,
268 State Street.

*Rochester Box & Lumber Co.,
Culver Road Subway.

A. L. Soeffing,
14 Hawkins Street.

*Traders Box & Lumber Co.,
1040 Jay Street.

BRASS AND COPPER GOODS

*NATIONAL BRASS MFG. CO.,
193-199 Mill Street.

*Rochester Brass & Wire Works Co.,
76-86 Exchange Street.

*THE WHITE WIRE WORKS,
47 Exchange Street.

BRASS FOUNDERS

*The Atkinson Co.,
575 Lyell Avenue.

*Names marked with asterisk are represented in the Chamber of Commerce.

- Flower City Foundry Co.,
100 Olean Street.
Forbes Brass Co.,
2040 East Avenue.
Northwest Aluminum & Brass Foundry,
14 Riley Place.
Nunn Brass Works,
17 Wentworth Street.
*Rochester Bronze & Aluminum Co.,
Inc.,
19-23 Marietta Street.
*HENRY WRAY & SON, INC.,
193-195 Mill Street.

BREWERS

- *American Brewing Co.,
440 Hudson Avenue.
*Bartholomay Brewery Co.,
555-581 St. Paul Street.
*Flower City Brewing Co.,
420-456 Lake Avenue.
*Genesee Brewing Co.,
421 St. Paul Street.
Independent Brewing Co.,
241 Exchange Street.
*MOERLBACH BREWING CO.,
Merlenbach Park.
*Monroe Brewing Co.,
1121 Clinton Avenue North.
*Standard Brewing Co.,
13 Cataract Street.
Chas. G. Weinman,
635 Jay Street.

BREWERS' SUPPLIES

- *THE PFAUDLER CO.,
214-223 Cutler Building.
*F. E. Reed Glass Co.,
860 Maple Street.
Rochester Pneumatic Crown Seal Co.,
Inc.,
724 Portland Avenue.

BRICKS

- *American Clay & Cement Corporation,
8th Floor, Insurance Building.
*Rochester Brick & Tile Mfg. Co.,
245 Powers Building.
Rochester Composite Brick Co.,
Rear 1965 East Avenue.
*ROCHESTER GERMAN BRICK &
TILE CO.,
279 South Avenue.

BROOMS

- *A. C. Dobbertin,
336 Averill Avenue cor. Bond
Street.
Charles Dobbertin,
39-47 Nelson Street.
Nathan Kaplan,
46 Cole Street.

*Names marked with asterisk are represented in the Chamber of Commerce.

BRUSHES

- Charles Dobbertin,
39-47 Nelson Street.
Jechl & Baetzel,
325 Hudson Avenue.
N. J. Karl,
168 North Water Street.
Monroe Novelty Co.,
268 State Street.
Rochester Brush Mfg. Co.,
507 St. Paul Street.

BUTTONS

- American Button Co.,
10 Champeney Terrace.
*German-American Button Co.,
Champeney Terrace.
*International Button Co.,
Monroe Avenue and Rutgers
Street.
*Rochester Button Company,
300 State Street.
*M. B. Schantz,
(M. B. S. Button Company),
Monroe Avenue and Rutgers
Street.

CABINET MAKERS

- *The Hayden Co.,
320 North Goodman Street.
*George J. Michelsen Furniture Co.,
172-182 Avenue D.
*Miller Cabinet Co.,
310-322 Whitney Street.
J. H. Reinhard & Sons,
17 Favor Street.
*Rochester Cabinet Co.,
404 Platt Street.
*Rochester Show Case Works,
404 Platt Street cor. Allen Street.
Rochester Trim Co.,
10-18 Ward Street.
Rochester Variety Woodworking Co.,
31-33 South Water Street.
J. W. Storandt Mfg. Co.,
52 Brown's Race.
Louis C. Wolf,
10 Kohlman Street.

CABLE—TELEPHONE

- *STROMBERG-CARLSON TELE-
PHONE MFG. CO.,
1050 University Avenue.

CAMERAS

- *EASTMAN KODAK CO.,
343 State Street.
*FOLMER & SCHWING DIVISION,
Eastman Kodak Co.,
14 Caledonia Avenue.
*Gundlach-Manhattan Optical Co.,
761 Clinton Avenue South.

***MOVETTE CAMERA CORPORATION,**

1155 University Avenue.
SENECA CAMERA MFG. CO.,
299 State Street.

CANNED GOODS

- ✓ Beech-Nut Packing Co.,
1237 Main Street East.
- ✓ W. N. Clark Co.,
333 Hollenbeck Street.
- ✓ *CUTRICE BROTHERS CO.,
Curtice Street near St. Paul
Street.

CANS—PAILS—TUBS

- ✓ *Rochester Can Co.,
109 Hague Street.

CAPS

- ✓ A. Pedro,
4 Front Street.
- ✓ *E. Rosenstein,
59-61 State Street.

CAR WHEELS

- *National Car Wheel Co.,
Leighton Avenue cor. Barnum
Street.

**CARBON PAPER AND TYPE-
WRITER RIBBONS**

- *American Ribbon & Carbon Co.,
229-231 Mill Street.
- Crown Ribbon & Carbon Mfg. Co.,
782-790 St. Paul Street.
- *Kee Lox Manufacturing Co.,
Kee Lox Place.
- *A. P. Little,
409 Powers Building.
- Mercury Mfg. Co.,
17 Elm Street.
- *Pilot Ribbon & Carbon Co.,
163 St. Paul Street.
- *Vacuo-Static Carbon Co.,
77 St. Paul Street.

CARPETS AND RUGS

- William H. Baker,
162 Jones Street.
- ✓ Empire Rug & Carpet Co.,
239 North Street.
- ✓ Chas. Geyer,
14 Weld Street.
- ✓ Rochester Hassock Co.,
162 Jones Street.
- ✓ Joseph Weissensel,
4 Kondolf Street.

**CARRIAGE AND HEARSE
TRIMMINGS**

- *Schlegel Mfg. Co.,
277 North Goodman St.
- *Vogt Mfg. & Coach Lace Co.,
408 St. Paul Street.

CARRIAGE WASHERS

- Gaylord Sanitary Mfg. Co.,
1 Gleason Place.

CARRIAGES

- William L. Barney,
1209 Atlantic Avenue near
Winton Road North.
- *Caley & Nash,
1828 East Avenue.
- *James Cunningham Son & Co.,
13 Canal Street.
- *A. Faber Co.,
951 Main Street East.
- Faber Sulky Co.,
951 Main Street East.
- Gaylord Sanitary Mfg. Co.,
1 Gleason Place.
- Geo. Higgins,
38 South Fitzhugh Street.
- George A. Lane,
466 North Street.
- M. A. Maloy,
482 Court Street.
- Geo. R. McCord,
206 Smith Street.
- *George V. Popp,
19 Smith Street near St. Paul
Street.
- Rochester Carriage Co.,
1701 East Avenue.
- *C. Schnackel Sons,
458 Joseph Avenue.
- *Sullivan Bros.,
1701 East Avenue.
- A. J. Weltzer,
25 Chili Avenue.

CASKET TRIMMINGS

- *Vogt Mfg. & Coach Lace Co.,
408 St. Paul Street.

CASKETS

- *BAKER-BROWN CASKET CO.,
20 Cortland Street.
- *NATIONAL CASKET CO.,
124 Exchange Street.

CASTINGS

(See Brass and Iron Founders)

CELLULOID NOVELTIES

- *Bastian Bros. Co.,
69-117 Mt. Hope Avenue.

*Names marked with asterisk are represented in the Chamber of Commerce.

CEMENT AND CONCRETE BLOCKS

- Clarence Aikenhead Co.,
331 Powers Building.
*Julius Friedrich,
309-310 Livingston Building.
Keystone Concrete Block Co., Inc.,
85 Palm Street.
Charles J. R. McElroy,
496 Brooks Avenue.
Monroe Block Co.,
348 Exchange Street.
*J. F. Norris,
Norris, cor. Nursery Street.
Rochester Composite Brick Co.,
Rear 1965 East Avenue.
*Rochester Lime Co.,
209 Main Street West.
*Rochester Lumber Co.,
2040 East Avenue.
Schaefer Bros. Cement Block Co.,
127 Powers Building.
Joseph Terzo & Co.,
303 Ellison Street.
*WHITMORE, RAUBER & VICINUS,
279 South Avenue.

CHAIRS

- *BAERNARD & SIMONDS CO., INC.,
Lower Falls.
*HUBBARD, ELDREDGE & MILLER,
280 Lyell Avenue.
*Langslow, Fowler Co.,
216 Jay Street.
Old Colony Chair Co.,
14 Railroad Street.

CHARCOAL MILLERS

- *Flower City Charcoal Co.,
149 Colvin Street.

CHECK PROTECTORS

- *Defiance Checkwriter Corporation,
299 State Street.
*TODD PROTECTOGRAPH CO.,
1050 University Avenue.

CHEMISTS

(See Mfg. Chemists.)

CHEWING GUM

- *American Chicle Co.,
302-306 North Goodman Street.
Haines & Slocum,
259 Monroe Avenue.
*Pulver Chocolate & Chicle Mfg. Co.,
256 Mill Street.
*Scout Gum Co., Inc.,
26 Industrial Street.

CHURCH SPECIALTIES AND FURNITURE

- Rochester Novelty Works,
114-120 Congress Avenue.

CIDER AND VINEGAR

- Fred Knoeserl,
1721 St. Paul Street.

CISTERNS AND TANKS

- Christiaansen Brothers,
23 Otsego Street.
*Sidney Hall's Sons,
175 Mill Street.
*THE PFFAUDLER CO.,
214-223 Outler Building.
Rochester Boiler Works,
217 North Water Street.
*Rochester Tank & Boiler Co.,
173 North Water Street.

CLOAKS AND SUITS

- Craft & Co.,
1015 C. of C. Building.
H. L. Goldman,
439 Monroe Avenue.

CLOTH SPONGING MACHINERY

- Rothholtz London Shrinking & Water
Proofing Co.,
616 Garson Avenue.

CLOTHING

- *L. Adler Brothers & Co.,
2 Adler Place cor. Hart Street.
*August Bros. & Co.,
205 St. Paul Street.
*L. Black & Co.,
156 St. Paul Street.
*Adelaide T. Crapsey Co.,
202 Court Street.
A. Dinkelspiel Co.,
143-145 St. Paul Street.
*R. Goldstein & Co.,
104 St. Paul Street.
Goldstein & Marine Co.,
183 St. Paul Street.
*Goldwater & Co.,
160-162 St. Paul Street.
*Goodman & Suss,
108 St. Paul Street.
*Hersberg & Co.,
84 St. Paul Street.
*HICKEY-FREEMAN CO.,
1155 Clinton Avenue North.
*Louis Holtz & Sons, Inc.,
96-98 St. Paul Street.
*Jos. Knopf & Son,
183-185 St. Paul Street.
Lefkowitz, Levin & Co.,
183 St. Paul Street.

*Names marked with asterisk are represented in the Chamber of Commerce.

- ✓ *Levy Brothers Clothing Co.,
169 St. Paul Street.
- ✓ *McGraw, Benjamin & Hayes,
57 Mortimer Street.
- ✓ *MICHAELS, STERN & CO.,
87 Clinton Avenue North.
- ✓ *Rosenberg Bros. & Co., Inc.,
432 Portland Avenue.
- ✓ *Solomon Bros. & Lempert,
253 Central Avenue.
- ✓ *Steeffel, Strauss & Connor,
72-80 St. Paul Street.
- ✓ *The Stein-Bloch Co.,
164 St. Paul Street.
- ✓ The Stern Co.,
152 St. Paul Street.

COAT PADS

- ✓ The Wolfe Coat Pad Co.,
183 St. Paul Street.

COLLARS AND CUFFS

- ✓ *Cluett, Peabody & Co., Inc.,
34 Court Street.

COLLEGE SEALS

- ✓ Fred L. Bennett & Co.,
507 Exchange Place Building.
- ✓ *The Metal Arts Co.,
77 South Avenue.

COLOR PRINTING

- ✓ CHRISTY COLOR-PRINTING-EN-
GRAVING, INCORPORATED,
179-189 St. Paul Street.

COMMUNION OUTFITS

- ✓ Sanitary Communion Outfit Co.,
404 Platt Street.

COMPASSES

- ✓ *TAYLOR INSTRUMENT COM-
PANIES,
95 Ames Street.

CONCRETE BLOCKS

- Rochester Composite Brick Co.,
Rear 1965 East Avenue.

CONCRETE MACHINERY

- ✓ *Enterprise Foundry Co.,
98 Olean Street.
- ✓ *Ingle Machine Co.,
371-381 St. Paul Street.
- *Van Guilder Hollow Wall Co.,
77 South Avenue.
- *The Willsea Works,
60 Brown's Race.

CONCRETE ROOFING TILES

- *Domine Concrete Tile Co.,
Gould Street.

- Wm. E. Herriman Co.,
426 Exchange Street.

CONDUIT PIPE

- ✓ Standard Sewer Pipe Co.,
8 Caledonia Avenue.

CONFECTIONERS

- ✓ *American Chicle Co.,
310 North Goodman Street.
- *Archbold Mfg. Corporation,
Blossom Road cor. N. Y. C. Ry.
F. H. Dennis,
152 State Street.
- Mrs. L. M. Durkee,
434 Seward Street.
- ✓ The Ever Ready Chocolate Co.,
90 Mill Street.
- Guilford Drug Co.,
138-140 State Street and 345
North Street.
- *Jackson-Brown Co., Inc.,
61 East Avenue.
- ✓ John F. Linsin Co.,
266 North Street.
- More Candy Co.,
32 Mill Street.
- *Pulver Chocolate & Chicle Mfg. Co.,
256 Mill Street.
- Edwin K. Reed,
392 Main Street East, and
131 Clinton Avenue South.
- ✓ *The Rochester Candy Works,
407-411 State Street.
- ✓ Rochester Marshmallow Co.,
221 North Water Street.
- W. L. Sharpe,
219 Lyell Avenue.
- ✓ *O. T. Stacy Co.,
168-176 Clinton Avenue North.
- *The Whittle Co.,
Bridge Square.
- ✓ H. A. Zimmerman,
251 Main Street East.

COPPER PLATE ENGRAVERS

- *Gibson Studio of Engraving,
63 East Avenue.
- *Scrantom, Wetmore & Co.,
21-23 State Street.

COPPERSMITHS

- Rochester Copper Works,
33 South Water Street.

CORSETS

- Bushay & Lingeman,
110 Central Building.
- Cronin & Shay,
257 Main Street East.
- Mrs. Elizabeth Drexel,
618 Sawyer Street.

*Names marked with asterisk are represented in the Chamber of Commerce.

Mrs. Izaline A. Hilts,
201 Arnett Street.

COUCHES

- *Blum & Strauss,
25 Favor Street.
- *Manhattan Bedding Co.,
85 Allen Street.

CRAYON

The Franklin Crayon Company,
Rear 404 Birr Street.

CUT GLASS

- Genesee Cut Glass Co.,
19 Montrose Street.
- *THE ROBESON CUTLERY CO.,
176 Anderson Avenue.
- Terrier Cutlery Co.,
176 Anderson Avenue.

CUT STONE

- *J. Frank Norris,
Norris, cor. Nursery Streets.
- Schaefer Bros. Cement Block Co.,
Chili Avenue.
- *WHITMORE, RAUBER & VICINUS,
279 South Avenue.

CUTLERY

- *ROBESON CUTLERY CO.,
176 Anderson Avenue.
- Terrier Cutlery Co.,
176 Anderson Avenue.

DEFORMITY APPLIANCES

- *GEORGE R. FULLER CO.,
230 Andrews Street.
- *Rochester Artificial Limb Co.,
275 Central Avenue.

DENTAL CHAIRS

- *Archer Mfg. Co.,
187 North Water Street.
- *The Ritter Dental Mfg. Co.,
404 West Avenue.

DENTAL ENGINES

- *The Ritter Dental Mfg. Co.,
404 West Avenue.

DENTAL SUPPLIES

- C. T. Howard,
1735 East Avenue.
- *H. A. Swift Laboratory,
72 Spring Street.

DISHWASHING MACHINERY

- *Fearless Dishwasher Co., Inc.,
175-179 Colvin Street.
- *Rochester Rotary Washer Co.,
55 Franklin Building.

DISINFECTANTS

- *Norman C. Hayner Co.,
916-917 Wilder Building.
- Radium Spray Co.,
247 Grand Avenue.
- Robacher's Disinfectant Co.,
75 Kenilworth Terrace.
- *ROCHESTER GERMICIDE CO.,
16-24 Dowling Place.
- Standard Disinfectant Mfg. Co.,
268 State Street.
- *West Disinfecting Co.,
31 Exchange Street.

DISPLAY FIXTURES

- *Artistoria Novelty Co.,
202 Edgerton Street.
- *Klee Display Fixture Co.,
198 Main Street East.
- John S. Lyon,
293 Mill Street.

DISTILLERS

- *Fee Brothers,
21-27 North Water Street.
- Maplewood Distilling Co.,
15 Elm Street.
- *Rochester Distilling Co.,
81 Lake Avenue, cor. White Street.
- *The Wolcott Co.,
15 Clarissa Street.

DRAFTING FURNITURE

- *American Drafting Furniture Co.,
14-28 Railroad Street.

DRAFTING INSTRUMENTS

Geo. S. Gardner & Co.,
141 Clifton Street.

DRAIN PIPE

Rochester Sewer Pipe Co.,
545 Oak Street.

DRAPERIES—CURTAINS, ETC.

Household Art Rooms,
242-246 East Avenue.

DUST COLLECTORS— BLOWER PIPES

- *John Barnett,
83 Frost Avenue.
- Empire Blower & Pipe Co.,
414 Orchard Street.

EDGE TOOLS

- *Huther Bros. Saw Mfg. Co., Inc.,
1190 University Avenue.
- *Mack & Co.,
98-106 Brown's Race.

*Names marked with asterisk are represented in the Chamber of Commerce.

Geo. Neidinger,
15 Henry Street.

EGG CARRIERS

*Star Egg Carrier & Tray Mfg. Co.,
1037-1039 Jay Street.

EGG TRAYS

*Star Egg Carrier & Tray Mfg. Co.,
1037-1039 Jay Street.

ELECTRIC ELEVATORS

*Otis Elevator Co.,
8-10 Jones Street.
*Republic Elevator & Machine Co.,
189-191 Mill Street.
*Warsaw Elevator Co.,
191 Mill Street.

ELECTRIC MOTORS

*Rochester Motors Co., Inc.,
634 Lexington Avenue, and
278 State Street.

ELECTRIC POWER

*Rochester Railway & Light Co.,
30-36 Clinton Avenue North.

ELECTRICAL APPARATUS

*Electric Panelboard Co.,
29 North Water Street.
Gaylord Sanitary Mfg. Co.,
1 Gleason Place.
Industrial Electric Co.,
278 State Street.
Murphy Electricity Rectifier Co.,
187 North Water Street.
E. W. Snow & Co.,
29 North Water Street.
*Wheeler-Green Electric Co.,
29-33 St. Paul Street.

ELECTROTYPE FOUNDRIES

*Genesee Electrotpe & Engraving Co.,
1 Graves Street.
*Rochester Electrotpe Foundry,
77 South Avenue.
Williams Electrotpe & Engraving
Co.,
17 Elm Street.

ELEVATOR DOORS

Rochester Automatic Elevator Door
Co.,
291 Mill Street.

ENGINEERING INSTRUMENTS

*BAUSCH & LOMB OPTICAL CO.,
635 St. Paul Street.
*TAYLOR INSTRUMENT COM-
PANIES,
95 Ames Street.

*Names marked with asterisk are represented in the Chamber of Commerce.

EVAPORATED FRUITS

*Wayne County Driers & Packers Fruit
Co.,
145 Railroad Street.

EVAPORATING MACHINERY

*Boutell Mfg. Co.,
Rear of 554 Lyell Avenue.

FAUCETS

*Clark Novelty Co.,
380 Exchange Street.
*Genesee Manufacturing Co.,
129 Andrews Street.
*NATIONAL BRASS MFG. CO.,
193-199 Mill Street.
Schmidt Faucet Co.,
Rear 26 Joseph Avenue.

FEATHERS AND OSTRICH PLUMES

Julius Gaussuin,
1433 Culver Road.
Abe H. Smith,
1 East Avenue.

FENCE

*F. L. Heughes & Co., Inc.,
190 South Avenue, and Lyell
Avenue at Gates.
*Chas. E. Kohlmetz,
178-180 North Water Street.
*Henry L. Kohlmetz,
103-109 North Water Street.
*Rochester Brass & Wire Works Co.,
76-86 Exchange Street.
ROCHESTER IRON WORKS,
616 Powers Building.
Rochester Wire & Iron Fence Co.,
179 South Ford Street.
*THE WHITE WIRE WORKS,
47 Exchange Street.
*Young's Wrought Iron Works,
37-39 South Water Street.

FERTILIZER

*Genesee Reduction Co.,
1 Falls Street.
*International Seed Co.,
171 Park Avenue, cor. Rowley
Street.

FIBER CASE MACHINERY

*M. D. Knowlton Co.,
21-35 Elizabeth Street.

FIRE APPARATUS

*Interstate Machine Co.,
56 Allen Street.

*Luitweiler Pumping Engine Co.,
123 Ames Street.
A. F. & S. C. Stewart,
70 Andrews Street.

FIRE ESCAPES

*F. L. Hughes & Co., Inc.,
190 South Avenue and Lyell
Avenue at Gates.
The Home Chemical Co.,
107 Adams Street.
*Chas. E. Kohlmetz,
178-180 North Water Street.
*Henry L. Kohlmetz,
103-109 North Water Street.
ROCHESTER IRON WORKS,
616 Powers Building.
*Young's Wrought Iron Works,
37-39 South Water Street.

FIRE EXTINGUISHERS

Gaylord Sanitary Mfg. Co.,
1 Gleason Place.
The Home Chemical Co.,
107 Adams Street.
La May Mfg. Co., Inc.,
80 North Water Street.

FIRE FIGHTING EQUIPMENT

*Inter-State Machine Co.,
56 Allen Street.
*Luitweiler Pumping Engine Co.,
123 Ames Street.

FIRE PROOF DOORS AND WINDOWS

*AMERICAN GLASS & CONSTRUCTION CO.,
46-48 Cortland Street.

FIREWORKS

*Rochester Fire Works Co.,
1183 Main Street East.

FLAVORING EXTRACTS

Mrs. Frank W. Allen,
229 Mercantile Building.
Oliver P. Fisher,
666 Genesee Street.
Henry W. Legg & Son,
46 Champlain Street.
*Monroe Pharmacal Co.,
108 St. Paul Street.
Henry Rebscher,
262 State Street.
*THE RICHARDSON CORPORATION,
1069 Lyell Avenue.
George R. Ryan Mfg. Co., Inc.,
257 South Avenue.
*J. HUNGERFORD SMITH CO.,
410-420 North Goodman Street.

The Van Zandt Co.,
183 St. Paul Street.
C. A. Wilson,
944 Clinton Ave. South.
The D. S. Willson Mfg. Co.,
221 Columbia Avenue.
*C. B. Woodworth Sons Co.,
287 State Street.

FLOORING—COMPOSITION

Everlasbestos Flooring Co.,
95 North Street.
Imperial Floor Co.,
800 Cutler Building.
*WHITMORE RAUBER & VICINUS,
279 South Avenue.

FLOUR

*J. G. Davis Co.,
Platt Street and Brown's Race.
*J. A. Hinds & Co.,
N. Y. C. Ry. Otis Station.
*Macauley-Fien Milling Co.,
4-6 Graves Street.
*MOSELEY & MOTLEY MILLING
CO.,
Mill Street, foot of Brown's Race.
Rogers & Ryan,
790 Lake Avenue.
*Van Vechten Milling Co.,
196 Smith Street.

FLUE LININGS

Rochester Sewer Pipe Co.,
545 Oak Street.

FOOD PRODUCTS

Cercof Cereal Co.,
248 Powers Building.
Fauman & Haymoff,
83 Kelly Street.
F. C. Keller,
1061 Clinton Avenue North.
Rochester Food Co.,
457 Main Street West.

FUR TANNERS

*The Crosby Frisian Fur Co.,
571 Lyell Avenue.

FURNACES

*Co-operative Foundry Co.,
Lincoln Avenue at Lincoln Park.
*Enterprise Foundry Co.,
98 Olean Street.
*Galusha Stove Co.,
167 Court Street.
*Sill Stove Works,
524 Oak Street.

FURNITURE

Bohm Cabinet Co.,
179 Magne Street.

*Names marked with asterisk are represented in the Chamber of Commerce.

- *The Brooks Furniture Mfg. Co.,
129 North Street.
John A. Hartfelder,
200 North Water Street.
- *The Hayden Co.,
320-348 North Goodman Street.
- *HUBBARD, ELDREDGE & MILLER,
280 Lyell Avenue.
Cornelius P. Israel,
26 Cady Street.
- *C. M. Lenhard,
21-29 Weicher Street.
Joseph Mauro,
193 Front Street.
- *Geo. J. Michelsen Furniture Co.,
172-182 Avenue D.
- *Miller Cabinet Co.,
310-322 Whitney Street.
Perrin Furniture Co.,
17 Ely Street.
William L. Pfeiffer,
104 Avenue D.
- *Rochester Brass Bed Co.,
392 St. Paul St.
Rochester Parlor Furniture Co.,
22 Andrews Street.

FURNITURE SUPPLIES

- *H. B. Graves Co., Inc.,
78 State Street.
Louis Nowack,
82 Maria Street.
- *Rochester Pad & Wrapper Co.,
100 Anderson Avenue.

FURRIERS

- Ganss Bros. & Co.,
69 Clinton Avenue South.
- *Wm. V. Graeser Co.,
38-40 Clinton Avenue North.
- *H. P. Maloney,
76 East Avenue.
- *Meng & Shafer Co.,
14 Main Street West, and
11-15 State Street, and
182-188 Main Street East.
- *Nolin & Co.,
51 East Avenue.
Mrs. Mary F. O'Brien,
127 Weld Street.
- Peloquin Fur Tanning Co.,
30 Upton Park.
- George A. Sabey,
198 Main Street East.
- L. M. Weiss,
17 Adler Place.

GAS

- *Rochester Railway & Light Co.,
30-36 Clinton Avenue North.

GAS APPLIANCES

- F. A. Smith Mfg. Co.,
396 Platt Street.

GAS ENGINES

- Leary Gasoline Engine Co.,
1582 Dewey Avenue.
- Rochester Gas Engine Co.,
108 Platt Street.
- *Rochester Motors Co.,
634 Lexington Avenue.
- *H. L. F. Trebert Engine Works,
495 St. Paul Street.

GAS MACHINES

- Economy Gas Machine Co.,
80 North Water Street.

GERMICIDES AND INSECTICIDES

- Elva W. Gilmore,
463 Main Street West.
- *Norman C. Hayner Co.,
916-917 Wilder Building.
W. H. Mooers,
179 Emerson Street.
- *ROCHESTER GERMICIDE CO.,
1624 Dowling Place.

GLASS ENAMEL LINED STEEL TANKS

- *THE PFAUDLER COMPANY,
214-223 Cutler Building.

GLASS MANUFACTURERS

- *F. E. Reed Glass Co.,
860 Maple Street.

GLASS WORKERS

- *AMERICAN GLASS & CONSTRUCTION CO.,
46-48 Cortland Street.
- *Baker Art Glass Studio,
17 Main Street East.
- L. S. Chapin,
38 Exchange Street.
- F. W. Gray,
78 Arch Street.
- *HASHKINS ART GLASS CO.,
282 Court and Cortland Street.
- *HIRES-TURNER GLASS CO.,
Hague Street south of Lyell
Avenue.
- *Pike Stained Glass Studios,
193 East Avenue.

GLOVES

- Rochester Glove Mfg. Co.,
77 South Avenue.
- Best & Co.,
79 South Avenue.

*Names marked with asterisk are represented in the Chamber of Commerce.

GOLD LEAF

- *H. A. Swift, Laboratory,
72 Spring Street.

GRILLE WORK

- *Rochester Brass & Wire Works Co.,
76-86 Exchange Street.
- *THE WHITE WIRE WORKS CO.,
47 Exchange Street.

GUM

(See Chewing Gum.)

GUMMED PAPER

- *M. D. Knowlton Co.,
21-35 Elizabeth Street.

HAIR GOODS

- *Guggenheim's Hair Store,
17 Clinton Avenue South.

HARDWARE SPECIALTIES

- *Josiah Anstice & Co.,
238 North Water Street.
- Caldwell Mfg. Co.,
8-10 Jones Street.
- *Hugh Elmer Clark & Bros.,
7 Halstead Street, near Winton
Road North.
- *Gay Mfg. Co.,
153 Railroad Street.
- Ideal Automatic Garment Hanger Co.,
Rear 292 Alexander Street.
- Klip Klip Co.,
574 Clinton Avenue South.
- *Pritchard Stamping Co.,
999 Main Street, East.
- *Pullman Mfg. Co.,
3 Industrial Street.
- *ROCHESTER STAMPING CO.,
176 Anderson Avenue.
- N. R. Streeter & Co.,
220 North Water Street.
- Tisserand Mfg. Co.,
77 South Avenue.

HARNESS

- A. Batho,
1822 East Avenue.
- E. Eastmond,
24 Plymouth Avenue South.
- Andrew Ferguson,
509 State Street.
- Friedrich Friedrich,
339 North Street.
- Henry Gessell,
675 Clinton Avenue North.
- Charles S. Gibbs,
93 State Street.
- C. Neidhardt & Co.,
35 North Water Street.
- Chas. A. Pettit,
68 Andrews Street.

- F. B. Raymond,
197 South Avenue.
- *W. H. Rowerdink & Son,
78-82 North Street.
- Albert Schafer,
151 South Avenue.
- Gustave Schneider,
743 Hudson Avenue.
- *John A. Weider,
24 Spring Street.
- *Charles H. Weniger,
122-124 South Avenue.
- S. O. Weniger,
447 Portland Avenue.
- A. W. Wilson,
164 Portland Avenue.
- Edward W. Woehrlen,
37 North Street.

HATS

- W. H. Sadden, Jr.,
404 State Street.
- Tetlow Hat Shop,
53 South Avenue.

HEAD LIGHTS

- The Glazier Head Light Co.,
7 Griffith Street.
- Rochester Headlight Works,
27 North Washington Street.
- Star Head Light & Lantern Co.,
214 Commercial Street.

HEARSES

- *James Cunningham Son & Co.,
13 Canal Street.

HOISTING AND CARRYING DEVICES

- *The Ricker Manufacturing Co.,
239 North Water Street.

HORSE COLLARS

- E. P. Roland,
39 Niagara Street.
- *John A. Weider,
24 Spring Street.

HYDRAULIC ELEVATORS

- *Otis Elevator Co.,
8-10 Jones Street.
- *Warsaw Elevator Co.,
191 Mill Street.

HYDROMETERS

- *TAYLOR INSTRUMENT COM-
PANIES,
95 Ames Street.

ICE (ARTIFICIAL)

- *Brighton Cold Storage Co.,
Rear of 1990 East Avenue.

*Names marked with asterisk are represented in the Chamber of Commerce.

- D. E. Clair Ice Co.,
Driving Park Avenue at City
Line.
Kondolf Bros. Ice Co.,
33 Canterbury Road.
*Rochester Cold Storage & Ice Co.,
10-16 Moore Street.

ICE CREAM

- P. J. Agate,
239 Hudson Avenue.
Clarence E. Booth,
641-643 Clinton Avenue North.
*Downey's Ice Cream Co.,
Rear 33 Hudson Avenue.
✓✓ *Rochester Ice Cream Co.,
Cliff and White Streets.
*I. Teall Catering Co.,
263 East Avenue.
Geo. E. Thompson,
164 Champlain Street.

INKS

- Alling Ink Co.,
227 South Avenue.
Gold Medal Extract Co.,
938 Granite Building,
SNOW WHITE FLUID,
Fine Arts Building.
*Queen City Printing Ink Co.,
21 South Water Street.

INTERIOR WOODWORK

- *Bantleon Brothers Co.,
97 Railroad Street.
*H. W. Goetzman,
204 North Water Street.
*Crouch & Beahan Co.,
99 Dewey Avenue, and
310 Main Street West.
Charles P. Evans Co.,
7 Industrial Street.
*R. T. Ford Co.,
200-206 South Avenue.
*Genesee Lumber Co.,
45 Warehouse Street.
*The Hayden Co.,
320-348 North Goodman Street.
*Hollister Builders' Supply Co.,
100 Anderson Avenue.
*W. F. Maas & Son,
124 Railroad Street.
*Morse Sash & Door Co.,
101 South Ford Street, cor. Waverly Street.
John B. Pike,
1 Circle Street.
*Rochester Show Case Works,
404 Platt Street, cor Allen Street.
Rochester Trim Co.,
10-18 Ward Street.
Rochester Variety Woodworking Co.,
31-33 South Water Street.

- *C. H. Rugg Co.,
North Union Street and N. Y. C.
B. R.
Smith Sash & Door Co.,
175 Exchange Street.
G. H. Stalker,
404 Platt Street.
John Sweeting,
Norton and Hollenbeck Streets.
Wm. Sweeting,
306 Beach Avenue.
*Traders Box & Lumber Co.,
1040 Jay Street.
*Vogel & Binder Co.,
388 St. Paul Street.
Williamson Custom Planing Mill,
560-564 Lyell Avenue.
*Wood-Mosaic Co.,
29 Hebard Street.
Zielinski Lumber Co.,
1115 Hudson Avenue.

IRON CLOTHES POSTS

- *William H. Wilson Iron Works,
31-57 Industrial Street.

IRON COLUMNS

- *F. L. Heughes & Co., Inc.,
190 South Avenue and
Lyell Avenue at Gates.
*William H. Wilson Iron Works,
31-57 Industrial Street.

IRON FOUNDERS

- *AMERICAN LAUNDRY MACH-
INERY CO., ✓✓
West Avenue Subway.
*American Woodworking Machinery
Co., ✓✓
591 Lyell Avenue.
Co-operative Foundry Co.,
Lincoln Avenue at Lincoln Park.
*Crescent Foundry Co.,
110 Brown's Race,
*Enterprise Foundry Co.,
98 Olean Street.
*Erie Foundry Co.,
50 Dewey Avenue.
*Galusha Stove Co.,
167 Court Street.
*General Railway Signal Co.,
Lincoln Park and West Avenue.
*The Gleason Works,
1000 University Avenue.
*F. L. Heughes & Co., Inc.,
190 South Avenue and
Lyell Avenue at Gates.
*National Car Wheel Co.,
Leighton Avenue.
Progressive Foundry Co.,
209 York Street.
*Sill Stove Works,
524 Oak Street.

*Names marked with asterisk are represented in the Chamber of Commerce.

- *T. H. Symington Co.,
Lincoln Park.
- *The Willsea Works,
60 Brown's Race.

JAMS

- *Beech-Nut Packing Co.,
1237 Main Street East.
- *W. N. Clark Co.,
333 Hollenbeck Street.
- *CURTICE BROTHERS CO.,
Curtice Street near St. Paul
Street.
- *THE RICHARDSON CORPORA-
TION,
1069 Lyell Avenue.
- *J. HUNGERFORD SMITH CO.,
410-420 North Goodman Street.

JEWELERS—ENGRAVERS

- *Bastian Bros.,
65-117 Mt. Hope Avenue.
- Henry J. Brautigam,
213 Central Building.
- H. J. FitzPatrick,
225 Mercantile Building.
- Clifton L. Gifford,
34 Elwood Building.
- E. L. Crowford,
437 Mercantile Building.
- A. D. Groat,
213 Central Building.
- Roy Harris,
Powers Building.
- *Hickok Mfg. Co.,
39 North Water Street.
- G. H. Humbert,
156 Main Street East.
- *Leith & Martin,
217 C. of C. Building.
- *The Metal Arts Co.,
77 South Avenue.
- *Henry Oemisch Co.,
56 East Avenue.
- *Philip Present,
207-215 C. of C. Building.
- F. G. Rockwell,
104 Main Street East.
- George F. Scheer,
621 Central Building.
- E. J. Schrodel,
203 Duke Building.
- F. W. Wedgren,
41 Arcade.
- August G. Zimmerman,
211 Central Building.

JEWELRY

- *Bastian Bros.,
68 Mt. Hope Avenue.
- *Metals Arts Co.,
77 South Avenue.
- *Hickok Manufacturing Co.,
405 Cox Building.

JOB PRINTING

- A. Alderman,
86 Hanover Street.
- Aldine Press,
907 Clinton Avenue South.
- *E. R. Andrews Printing Co.,
Aqueduct Building.
- *Anthony & Egloff,
77 St. Paul Street.
- *Arrow Printing Co., Inc.,
401 Cox Building.
- Art Crafters,
519 Cox Building.
- *Art Print Shop,
77 St. Paul Street.
- The Bardue Press,
57 Grand Avenue.
- Baker Printing Co.,
106 Mill Street.
- Bates Printing Co.,
46 Stone Street.
- Bluntach Service, *editors adv. serv.*
508 St. Paul Street.
- R. H. Brayer Press,
5 South Water Street.
- Bryan & Eichelman,
42 North Water Street.
- Fred G. F. Burgie,
983 Portland Avenue.
- Burnett Printing Co.,
27 South Water Street.
- Central Printing Co.,
36 Joseph Avenue.
- *HENRY CONOLLY CO.,
39-43 Elizabeth Street.
- *James Conolly Printing & Binding
Co.,
29 North Water Street.
- *The Craftsman Advertising Service,
Inc.,
61 Elizabeth Street.
- Gustave Crombez,
31 South Avenue.
- Daily Record Co.,
29 N. Water Street.
- *Davis & Jeans Co.,
23 South Water Street.
- Day & Stahlbrodt,
909 Clinton Avenue S.
- *Conrad Deal Press,
36 St. Paul Street.
- Benjamin H. DeLong,
288 State Street.
- Christian F. Drexler,
512-513 Cox Building.
- *DuBois Press, The,
82 St. Paul Street.
- Fleming Printing Co.,
31 South Avenue.
- George N. Forkel,
17 Main Street East.
- Franklin Printing Co.,
412-414 Cox Building.

*Names marked with asterisk are represented in the Chamber of Commerce.

Paul R. Fuchs,
360 Hudson Avenue.
George W. Gaeb,
103 Main Street West.
*Genesee Valley Lithograph Co.,
27 North Washington Street.
***GILLIES LITHOGRAPHING &
PRINTING CO.,**
42-48 Stone Street.
Leo Hart Printing Co.,
200 Andrews Street.
Frank A. Hayden,
103 Clarissa Street.
Louis Heindl & Son,
107-109 N. Water Street.
Alfred Herle,
128 State Street.
Frank E. Homan,
17 Judson Street.
J. E. Howard,
158 Main Street East.
Louis Iacelli,
264 Spencer Street.
Interstate Printing Co.,
25 South Water Street.
Kennedy Bros.,
8-14 Marietta Street.
Kunz & Maurer,
397 Main Street East.
Robert W. Lace,
229 East Avenue.
*Lake View Printing Co., Inc.,
84 North Street.
*W. M. Leahy,
25 Reynolds Arcade.
Leavenworth Printing Co.,
77 South Avenue.
*Fish, Lyman & Goodwin,
75 State.
F. E. MacFarland,
197 Emerson Street.
Charles Mann Printing Co.,
8 Atlas Street.
D. R. Mann,
521 Cox Building.
John N. Michels,
24 State Street.
Lewis W. Miller Co.,
75 State Street.
***JOHN C. MOORE CORPORATION,**
65-71 Stone Street.
*Thos. F. Moore,
32 South Avenue.
Morrison Press,
116-120 St. Paul Street.
*The O. K. Printing Co.,
1 Graves Street.
John B. Pfeifer,
2 Keller Street.
*The Post Express Printing Co.,
5 South Water Street.
*Progress Print Shop,
336 St. Paul Street.
Oscar Provenzano,
463 State Street.

Chas. E. Ratcliffe,
395 Meigs Street.
Riverside Printing Co.,
29 North Water Street.
*Rochester German Publishing Co.,
237 Andrews Street.
***ROCHESTER HERALD CO.,**
28-34 Exchange Street.
*Rochester Lithographing Co.,
22-28 Elizabeth Street.
*Rochester Printing Co.,
59-61 Main Street East.
*John Rogan Printing Co.,
17 Main Street East.
*Edward J. Ryan,
64 North Street.
Schneider Bros.,
77 Division Street.
Seneca Printing Co.,
183 St. Paul Street.
Andrew A. Shearer,
75 State Street.
*Sheffield-Fisher Co., Inc.,
15 South Avenue.
George H. Smith,
77 Main Street West.
***JOHN P. SMITH PRINTING CO.,**
193-199 Platt Street.
Milton H. Smith,
139 North Water Street.
*Stecher Lithographic Co.,
274 North Goodman Street.
B. H. Stewart & Co., Inc.,
32 Mill Street.
R. M. Swinburne & Co.,
45 Exchange Street.
Benjamin Thomson,
81 Main Street East.
Tyburn Printing Co.,
106 Mill Street.
***UNION & ADVERTISER CO.,**
22 Exchange Street.
*United Litho & Printing Companies,
228-236 South Avenue.
*Verwey Printing Co.,
17 Euclid Street.
*Vredenburg & Co.,
236 South Avenue.
Harry V. Walker,
77 South Avenue.
W. W. Walker,
140 Caroline Street.
*Wegman-Walsh Press,
421 Cox Building.
Willard Printing Co.,
62 State Street.
George W. Winkelman,
187 State Street.
Anton Wirth,
237 Andrews Street.

KETCHUPS, ETC.

*Beech-Nut Packing Co.,
1237 Main Street East.

*Names marked with asterisk are represented in the Chamber of Commerce.

- *United Litho & Printing Companies, ✓
228-236 South Avenue.
- *Vredenburg & Co., ✓
236 South Avenue.

LOCKS

- *Hugh Elmer Clark & Bros., ✓
7 Halstead Street near Winton
Road North.
- ✓ ✓ *Sargent & Greenleaf Co., ✓
178 Court Street.

LOOSE LEAF BOOKS

- *JOHN C. MOORE CORPORATION, ✓
65-71 Stone Street.
- *HENRY CONOLLY CO., ✓
39-43 Elizabeth Street.

LUBRICATING DEVICES

- *Interstate Machine Co., ✓
56 Allen Street.
- *NATIONAL BRASS MFG. CO., ✓
193-199 Mill Street.

MACARONI

- ✓ *A. GIOIA & BRO., ✓
25 Otsego Street.
- ✓ Flower City Macaroni Co., ✓
429 State Street.
- ✓ Nicola Vizzini & Sons, ✓
127 Frank Street.
- ✓ *Woodcock Macaroni Co., ✓
27 North Washington Street.

MACHINE TOOLS

- ✓ *Bridgeford Machine Tool Works, ✓
225-227 Mill Street.
- *Cochrane-Bly Co., ✓
15 St. James Street.
- *C. F. Davis Machine Co., ✓
133 Andrews Street.
- ✓ *DAVIS MACHINE TOOL CO., INC., ✓
305 St. Paul Street.
- *The Gleason Works, ✓
1000 University Avenue.
- *Ingle Machine Co., ✓
371 St. Paul Street.

MACHINERY

*AMERICAN LAUNDRY MACHIN- ERY CO.,

West Avenue Subway at Lincoln
Park.

- ✓ *American Woodworking Machinery
Company, ✓
591 Lyell Avenue.
- ✓ *Ashley Machine Works, ✓
714 University Avenue.
- ✓ Baxendale, Whittlesey & Cummings, ✓
205 Mill Street.
- *Bridgeford Machine Tool Works,
225-227 Mill Street.

- *Carbon Machinery Equipment Co., ✓
187 North Water Street.
- ✓ Century Cement Machine Co., ✓
60 Brown's Race.
- ✓ *The Clark Novelty Co., ✓
380 Exchange Street.
- ✓ *Cochrane-Bly Co., ✓
15 St. James Street.
- ✓ *Connell & Dengler Machine Co., ✓
222 Allen Street cor Platt Street.
- ✓ Coons-Mabbett Mfg. Co., Inc., ✓
203 State Street.
- ✓ J. C. Daglish, ✓
16 Mill Street.
- *C. F. Davis Machine Co., Inc., ✓
127 Andrews Street.
- *DAVIS MACHINE TOOL CO., INC., ✓
305 St. Paul Street.
- *Eisler Manufacturing Co., ✓
15 Elser Terrace.
- *Charles Englert, ✓
165 North Water Street.
- ✓ James Fitt Machine Co., ✓
208 Mill Street.
- ✓ Flower City Foundry Co., ✓
100 Olean Street.
- ✓ Philip Funck, ✓
465 North Water Street.
- ✓ Genesee Plating & Machine Works,
Inc., ✓
117 North Water Street.
- ✓ *The Gleason Works, ✓
1000 University Avenue.
- ✓ Rudolph Goette, ✓
293 Mill Street.
- ✓ Jacob Hauser, ✓
236 Mill Street.
- ✓ High Speed Hammer Co., ✓
307 St. Paul Street.
- *Ingle Machine Co., ✓
371-381 St. Paul Street.
- *Judson Governor Co., ✓
38 Brown's Race.
- *M. D. Knowlton Co., ✓
21-35 Elizabeth Street.
- ✓ George Leyh, ✓
46 Harris Street.
- *McCall Machine Works, ✓
89 Allen Street.
- ✓ Hugh McGill, ✓
650 Main Street West.
- *MORGAN MACHINE CO., ✓
1100 University Avenue.
- *A. & H. G. Mutschler, Inc., ✓
77-79 North Water Street.
- ✓ Otis Machine Works, ✓
191 Mill Street.
- *Samuel R. Parry, ✓
224-230 Mill Street.
- *M. W. Patric, ✓
77 South Avenue.
- *Pinkerton Safety Device Co., ✓
6 Englert Street.
- *Patchen & Hoefler,
40 Aqueduct Street.

*Names marked with asterisk are represented in the Chamber of Commerce.

- *The Ricker Manufacturing Co.,
239 North Water Street.
Rochester Barrel Machine Works,
10 St. James Street.
- Rochester Machine Co.,
Lyell & Dewey Avenues.
- Edward Schirck,
22 Spring Street.
- W. A. Wilson Machine Co.,
215 North Water Street.
- Rochester Roll Grinding & Corrugat-
ing Works,
16 Furnace Street.
- D. Sohn Machine Co.,
392 St. Paul Street.
- *Standard Automatic Machine Co.,
383 St. Paul Street.
- *Wm. P. Stein & Co.,
278-282 State Street.
- *Taylor-Schantz Co.,
222-230 Mill Street.
- Geo. Wakefield,
101 Depew Street.
- *C. A. Weidner Co.,
222 Mill Street.
- *John Werner & Sons, Inc.,
729 Lake Avenue.
- West Tire Setter Co.,
255 Mill Street.
- C. G. White Machine Works,
219 Mill Street.
- *The Willsea Works,
60 Brown's Race.
- W. A. Wilson Machine Co.,
215-217 North Water Street.
- *F. A. Woehr Machine Co.,
90 Mill Street.
- *YAWMAN & EBBE MFG. CO.,
424 St. Paul Street.

MACHINISTS' SUPPLIES

- The Blodgett Mfg. Co.,
248 Penn Street.
- *DAVIS MACHINE TOOL CO., INC.,
305 St. Paul Street.
- John M. Forster Co.,
110 Mill Street.
- Rice Asbestos & Rubber Co.,
35 Spring Street.
- Union Tool Chest Works,
16 Railroad Street.

MAIL CHUTES

- *Cutler Mail Chute Co.,
200 Cutler Building.

MAILING DEVICES

- *The Multipost Co.,
Plymouth Ave. and Allen Street.

MANTLES, GRATES AND TILINGS

- *Nell Bros. & Kern,
240 State Street.
- *WHITMORE, RAUBER & VICINUS,
279 South Avenue.

MANUFACTURING CHEMISTS

- Aseptico Laboratories, Inc.,
107 State Street.
- Jap Ammonia Co.,
5 Gleason Place.
- The Johnson Compound & Supply Co.,
29 North Washington Street.
- Mathes Sales & Mfg. Co.,
97 St. Paul Street.
- *Monroe Pharmacal Co.,
108 St. Paul Street.
- Moone Chemical Co.,
42 Clinton Avenue North.
- Scott Scientific Laboratories,
107 State Street.
- *R. J. Strassenburgh Co.,
195 Exchange Street.
- Swartelle Chemical Co.,
22 Elm Street.
- Upton & Co.,
5 Prospect Street.

MARBLE WORKERS

- Valentine Fuchs,
154 Lyndhurst Street.
- Charles Schied & Sons,
788 Mt. Hope Avenue.
- *Trott Brothers Co., Inc.,
1120 Mt. Hope Avenue.
- *WHITMORE, RAUBER & VICINUS,
279 South Avenue.

MASONS' SUPPLIES

- *American Clay & Cement Corporation,
8th Floor Insurance Building.
- *Rochester Lime Co.,
209 Main Street West.
- *WHITMORE, RAUBER & VICINUS,
279 South Avenue.

MAUSOLEUMS

- *Leland-Weston-Lowe Co.,
774 Mt. Hope Avenue.
- *Rochester Lumber Co.,
2040 East Avenue.
- *Trott Brothers Co., Inc.,
1120 Mt. Hope Avenue.

MEDICINES

- Mrs. M. C. Ackerman,
8 Coulton Place.
- Begy Medicine Co.,
82 North Water Street.
- The Fowler Medicine Co.,
94 Main Street West.

*Names marked with asterisk are represented in the Chamber of Commerce.

A. B. Grover,
9 Arnold Park.
Hed-Eze Remedy Co.,
250 Jefferson Avenue.

*B. M. Hyde Drug Co.,
202 Main Street East.
William R. Martin,
225 Oriole Street.

Wm. H. Mooers,
179 Emerson Street.
Radicuro Medicine Co.,
422 E. & B. Building.

*R. J. Strassenburgh Co.,
195 Exchange Street.
Thomas Tonic Tablet Co.,
257 Averill Avenue.

*WARNER'S SAFE REMEDIES CO.,
72-90 St. Paul Street.
Wintergreen Compound Co.,
315 Troup Street.

MEN'S SHOES

*Wm. Eastwood & Son Co.,
176 Main Street East.

METAL SPECIALTIES— SUPPLIES

*The Clark Novelty Co.,
380 Exchange Street.

*Eisler Mfg. Co.,
15 Elser Terrace.

Gaylord Sanitary Co.,
1 Gleason Place.

*Genesee Manufacturing Co.,
129 Andrews Street.

*NATIONAL BRASS MFG. CO.,
193-199 Mill Street.

Peck Engineering & Mfg. Co.,
230 Mill Street.

*Pritchard Stamping Co.,
999 Main Street East.

*Pullman Mfg. Co.,
3 Industrial Street.

*Ryede Specialty Works, Inc.,
177-179 Main Street West.

G. A. Wegner Construction & Engineering Co.,
12 Amherst Street.

Yawman Specialty Co.,
109 Hague Street.

MICROSCOPES

*BAUSCH & LOMB OPTICAL CO.,
635 St. Paul Street.

*Gundlach-Manhattan Optical Co.,
761 Clinton Avenue South.

MIRRORS

*AMERICAN GLASS & CONSTRUCTION CO.,
46-48 Cortland Street.

*HASKINS ART GLASS CO.,
282 Court and Cortland Streets.

*HIRES-TURNER GLASS CO.,
Hague Street south of Lyell Avenue.

MONUMENTS

Albert F. Bandemer,
739 Avenue D.

*Leland-Weston-Lowe Co.,
774 Mt. Hope Avenue.

J. H. McGee & Son,
508 State Street.

Charles Schied & Sons,
788 Mt. Hope Avenue.

*Trott Brothers Co., Inc.,
1120 Mt. Hope Avenue.

MOTION PICTURE CAMERAS

*MOVETTE CAMERA CORPORATION,
1155 University Avenue.

MUSICAL INSTRUMENTS

*George M. Carnes,
165 North Water Street.

*Foster-Armstrong Co., ✓
East Rochester.

Jas. McArthur,
42 South Avenue.

Joel B. Swett,
306 Parsells Avenue.

NATURAL HISTORY SUPPLIES AND APPARATUS

*Ward's Natural Science Establishment,
84-104 College Avenue.

NECKWEAR

✓ Best & Co.,
77 South Avenue.

✓ *H. C. Cohn & Co.,
212-218 Andrews Street.

✓ Lenahan-Barry Co.,
200 Andrews Street.

✓ *Watterson & Denio,
108 St. Paul Street.

NICKEL PLATED GOODS

*Bastian Brothers,
69-117 Mt. Hope Avenue.

*Galusha Stove Co.,
167 Court Street.

Genesee Plating & Machine Works,
Inc.,

117 North Water Street.

*The Metals Arts Co.,
77 South Avenue.

*The Pritchard Stamping Co.,
999 Main Street East.

*ROCHESTER STAMPING CO.,
176 Anderson Avenue, and
12 Saratoga Avenue.

*Names marked with asterisk are represented in the Chamber of Commerce.

- F. M. Schenkel,
754 Bay Street.
Standard Plating Works,
134 St. Paul Street.
*Tucker's Electro Plating Works,
14 Commercial Street.
Union Polishing & Plating Co.,
14 Commercial Street.

NURSERYMEN

- Allen Nursery Co.,
212 Cutler Building.
*Brown Bros. Co.,
484 Winton Road North, cor
Dorchester Road.
J. Charlton & Sons,
629 Culver Road.
*Charlton Nursery Co.,
448 Cutler Building.
*Chase Bros. Co.,
82 St. Paul Street.
Charles J. Chism,
1190 Park Avenue.
W. J. Cline,
118 Vassar Street.
*Ellwanger & Barry,
668 Mt. Hope Avenue.
William G. Ellwanger,
260 Rosedale Street.
*Fairview Nurseries of Rochester,
24 Conklin Avenue.
First National Nurseries,
484 Winton Road North and Dor-
chester.
*Glen Bros., Inc.,
1768 Main Street East.
*Green's Nursery Co.,
5 Wall Street, cor. South Avenue.
Grover Nursery Co.,
64 Trust Building.
Fred Guenther,
801 Blossom Road.
Charles W. Heinold,
23 Asbury Street.
*Hooker Bros.,
55-57 Trust Building.
Charles M. Laurer,
94 Rustic Street.
McGlennon & Kirby Co.,
427 Cutler Building.
J. B. Nellis & Co.,
618 Plymouth Avenue.
Perry Nursery Co.,
Brighton Station.
Wm. H. Salter,
402 Cottage Street.
*Joseph Schum,
2050 Clifford Avenue.
Nicholas Schum,
549 Webster Avenue.
Standard Nursery Co.,
47 Clinton Avenue North.
*H. S. Taylor & Co.,
457 Culver Road.

- *Jas. Vick's Sons,
299 State Street.
*Vick & Hill Co.,
299 State Street.
Western New York Nursery Co.,
793 St. Paul Street.
*Allen L. Wood,
Culver Road and 891 Garson
Avenue.
*Woodlawn Nurseries,
564 Culver Road.

OFFICE FURNITURE

- ✓ J. H. Reinhard & Sons,
17 Favor Street.
✓ Vetter Manufacturing Co.,
58 Franklin Street.
✓ *YAWMAN AND ERBE MFG. CO.,
424 St. Paul Street.

OFFICE SPECIALTIES

- Automatic Spool Cabinet, Inc.,
919 Granite Building.
*Defiance Checkwriter Corporation,
299 State Street.
*HASKINS ART GLASS CO., ✓
282 Court and Cortland Streets.
H. Hesse,
142 State Street.
*Lightning Letter Opener Co., Inc.,
73 Exchange Street.
*Line-a-Time Manufacturing Co.,
77 South Avenue.
John F. Malette Mfg. Co., Inc.,
503 North Goodman Street.
*JOHN C. MOORE CORPORATION,
65-71 Stone Street.
*The Multipost Co.,
Plymouth Avenue and Allen
Street.
*Rochester Re-Inking Co.,
62 State Street.
*TODD PROTECTOGRAPH CO.,
1050 University Avenue.
Vetter Manufacturing Co.,
58 Franklin Street.
Wilson-Memindex Co.,
282 Court Street.
*YAWMAN AND ERBE MFG. CO.,
424 St. Paul Street.

OIL AND GREASE CUPS

(See Lubricating Devices)

OILS

- *American Oil & Lubricant Works,
Field and Buffalo Road at Lin-
coln Park.
Bombay Boiled Oil Refining Co., Inc.,
159 St. Paul Street.
*Monroe County Oil Co., ✓
22-46 Wright Street.

*Names marked with asterisk are represented in the Chamber of Commerce.

- ✓ *F. B. Rae Oil Co.,
Foot of Ambrose Street.
T. T. Southwick,
32 Railroad Street.

✓✓ *VACUUM OIL CO.,
Rochester Savings Bank Building,
5th Floor.

OPTICAL GOODS

- *E. E. Bausch & Son,
6 Main Street East, and
15 East Avenue.
*E. Kirstein Sons Co.,
242 Andrews Street.
*Rochester Spectacle Co.,
230-236 Andrews Street.
*Wollensak Optical Co.,
1415 Clinton Avenue North.

OPTICAL INSTRUMENTS

- *BAUSCH & LOMB OPTICAL CO.,
635 St. Paul Street.
*Gundlach-Manhattan Optical Co.,
761 Clinton Avenue South.
*Wollensak Optical Co.,
1415 Clinton Avenue North.

PAINTS, ETC.

- Japanese Water Color Co.,
105-107 Livingston Building.
Charles F. Nicholson,
107 Livingston Building.
Rochester Wood Filler Co.,
777 Meigs Street.

SNOW WHITE WATER COLOR,
Fine Arts Building.

PAPER BAGS

- *Clark Paper & Mfg. Co.,
1601 Dewey Avenue.
*Hubbs & Hastings Paper Co.,
319 Main Street West.
Humphreys Specialty Co.,
190 Edinburgh Street.

PAPER BOXES

- Fi-Bo-Pak Co.,
843 Maple Street.

PARASOLS AND UMBRELLAS

- Storer Umbrella Store,
65 Main Street East.
Frank Von Buren, Jr.,
19 Leo Street.

PASTE, ETC.

- Alling Ink Co.,
227 South Avenue.
*Clark Paper & Mfg. Co.,
1601 Dewey Avenue.
*Hart & Zugelder,
259-261 Exchange Street.

*Names marked with asterisk are represented in the Chamber of Commerce.

- *The Rochester Bill Posting Co.,
286 State Street.
Rochester Paste Co.,
280 State Street.

PATTERN AND MODEL MAKERS

- Corbett Pattern Works,
383 St. Paul Street.
George Galbraith,
14 Furnace Street.
Emil Hau,
234 Mill Street.
Standard Pattern Works,
14-28 Railroad Street.
Rochester Pattern Works,
288 State Street. —
*J. F. Steeves,
225 Mill Street.
*Willsea Works,
60 Brown's Race.

PEANUT BUTTER

- ✓✓ *R. T. French Co.,
Mustard, cor. Palmer Street.
Peerless Nut Food Co.,
27 North Washington Street.
*Rochester Coffee & Spice Mills,
27 North Washington Street.

PERFORATED METALS

- *EEDLE PERFORATING CO.,
171 York Street.

PERFUMES

- Fritz Scientific Laboratories,
519 Remington Street.
The Hess Co.,
140 Edinburgh Street.
Henry Rebscher,
262 State Street.
*Adolph Spiehler, Inc.,
202 Court Street.
Trix Co.,
224 Mill Street.
*The C. B. Woodworth Sons Co.,
287 State Street.

PHARMACEUTICAL PRODUCTS

- *R. J. Strassenburg Co.,
195 Exchange Street.

PHOTO ENGRAVERS

- *CHRISTY COLOR-PRINTING-
ENGRAVING, INC.,
179-189 St. Paul Street.
*B. Frank Culver,
49 Main Street East.
*The Evening Times Co.,
55 State Street.

- *The Hurst Engraving Co., Inc., ✓
116 St. Paul Street.
Lincoln Photo Engraving Co.,
77 South Avenue.
- *The Post Express Printing Co.,
5 South Water Street.
- *ROCHESTER HERALD CO.,
28-34 Exchange Street.
- *JOHN P. SMITH PRINTING CO.,
193-199 Platt Street.
- *UNION & ADVERTISER CO.,
22 Exchange Street.

PHOTOGRAPHIC SUPPLIES AND APPARATUS

- *American Photo Chemical Co., Inc.,
26 Forbes Street.
- *BAUSCH & LOMB OPTICAL CO.,
635 St. Paul Street.
- *Bridges Manufacturing Co.,
1026 University Avenue.
- *Burden & Salisbury Co., Inc.,
259 Monroe Avenue.
- *Commercial Camera Co.,
343 State Street.
- Crown Optical Co.,
299 State Street.
- *Defender Photo Supply Co., Inc.,
666 Driving Park Avenue.
- *EASTMAN KODAK CO.,
343 State Street.
- *FOLMER & SCHWING DIVISION,
Eastman Kodak Co.,
14 Caledonia Avenue.
- *Gundlach-Manhattan Optical Co.,
71 Clinton Avenue South.
- *Haloid Co.,
6 Haloid Street.
Ilex Optical Co.,
761 Clinton Avenue South.
- *MOVETTE CAMERA CORPORATION,
1155 University Avenue.
Rectigraph Company,
307 St. Paul Street.
- *Rochester Photo Works, Inc.,
65 Atlantic Avenue.
- SENECA CAMERA MFG. CO.,
299 State Street.
- *Wollensak Optical Co.,
1415 Clinton Avenue North.

PIANO PLAYERS

- *Foster-Armstrong Co.,
East Rochester, N. Y.
Ropelt & Sons Piano Co.,
95-97 St. Paul Street.

PIANOS

- *Foster-Armstrong Co.,
East Rochester, N. Y.
Gibbons & Stone Co.,
172 Main Street East.

- The Ropelt & Sons Piano Co.,
97 St. Paul Street.

PICTURE FRAME MOULDINGS

- Empire Moulding Works,
57 Gorham Street.
- *J. W. Gillis Co.,
Plymouth Avenue and Frost
Avenue.
- N. L. Lockhart Co.,
373 North Street.
- Powers Picture Frame Works,
14 Commercial Street.
- *Rochester Moulding Works,
224 Allen Street.

PINS

- Judson Pin Co.,
38 Brown's Race.

PIPE CLEANERS AND STEMS

- Kleanit Co.,
Redfield Street.
- Antonia Newotny,
348 Whitney Street.
- Sanitary Pipe Cleaner Co.,
205 Pansy Street.
- Trojan Mfg. Co.,
205 Pansy Street.
- Louis P. Warner,
Rear 61 Oakman Street.

PIPES

- Adolph Weigler,
189 State Street.

POLISHES

- A-No-One Polish Co.,
363 Jefferson Avenue.
- *Archbold Mfg. Corporation,
Blossom Road, cor. N. Y. C. Ry.
- Hed-Eze Remedy Co.,
250 Jefferson Avenue.
- *Humphreys Specialty Co.,
190 Edinburgh Street.
- Kemoshyne Manufacturing Co., Inc.,
460 Main Street East.
- *Puritan Soap Co.,
496-504 Exchange Street. ✓
- *Rochester Chemical Co.,
195 Platt Street.
- *Shinola Co.,
10 Jay Street. ✓

PORK PRODUCTS

- *Rochester Packing & Cold Storage
Co.,
78-80 Front Street.

POTATO CHIPS

- Fred Biehler,
500 Plymouth Avenue.

*Names marked with asterisk are represented in the Chamber of Commerce.

Solanum Chip Co.,
Rear 44 Milton Street.
Thos. Hurst,
Eiffel Place.

POULTRY COOPS

Genesee Cooping Co.,
34 Weldon Street.

PRINTERS

(See Job Printing.)

PRINTERS' COMPOSITION

*Rochester Linotype Composition Co.,
1 Graves Street.

PRINTERS' ROLLERS

*Bingham Bros. Co.,
89 Allen Street.
*Hart & Zugelder,
259-261 Exchange Street.

PRINTERS' SUPPLIES

John F. Malette Mfg. Co., Inc.,
503 North Goodman Street.

PROJECTION INSTRUMENTS

*BAUSCH & LOMB OPTICAL CO.,
635 St. Paul Street.
*MOVETTE CAMERA CORPORATION,
1155 University Avenue.
*Gundlach-Manhattan Optical Co.,
171 Clinton Avenue South.

PUBLISHERS, ETC.

American Fruit Publishing Co.,
121 E. & B. Building.
*Art Print Shop,
77 St. Paul Street.
*Daily Record Co.,
29 North Water Street.
Drew Allis Co.,
729 Powers Building.
*DuBois Press, The,
82 St. Paul Street.
*The Evening Times Co.,
55 State Street.
*GILLIES LITHOGRAPHING &
PRINTING CO.,
42-48 Stone Street.
*Green's Fruit Grower Co.,
5 Wall Street, cor. South Avenue.
Kennedy Brothers,
8-14 Marietta Street.
The Labor Herald Co.,
421 Cox Building.
La Domenica Publishing Co., Inc.,
61 State Street.
*Lawyers Co-operative Publishing Co.,
Aqueduct Building,
Graves Street.

The Manas Press,
3 Castle Park.
Mutual Underwriter Co.,
25 Trust Building.
New York State Publishing Co.,
82 St. Paul Street.
*The O. K. Printing Co.,
1 Graves Street.
*The Post Express Printing Co.,
5 South Water Street.

*ROCHESTER HERALD CO.,
28-34 Exchange Street.

*Rochester Printing Co.,
59-61 Main Street East.

*Edward J. Ryan,
64 North Street.

*JOHN P. SMITH PRINTING CO.,
193-199 Platt Street.

B. H. Stewart & Co., Inc.,
32 Mill Street.

Zachary P. Taylor,
228 South Avenue.

Tyburn Printing Co.,
106 Mill Street.

*UNION & ADVERTISER CO.,
22 Exchange Street.

*Williamson Law Book Co.,
~~41~~ and 75 State Street.

Coger-Bennett Co.,
604 Central Building.

PULLEYS—WOOD

*John M. Forster Co.,
110 Mill Street.

PUMPS

E. C. Brown Co.,
841 Maple Street.
*Kellogg Mfg. Co.,
3 Circle Street.
*Luitweiler Pumping Engine Co.,
123 Ames Street.
John Schwab,
221 Whitney Street.
Edward J. Seeber,
179 Broadway.
*The Inter-State Machine Co.,
54 Allen Street.
Tyler Mfg. Co.,
93 Portland Avenue.

RADIATORS

*Bennett & Mason Co.,
11 Furnace Street.
Rochester Radiator Co.,
268 State Street.

RAILWAY SIGNALS

*General Railway Signal Co.,
Lincoln Park, and West Avenue.

*Names marked with asterisk are represented in the Chamber of Commerce.

RAILWAY SUPPLIES AND SPECIALTIES

- *NATIONAL BRASS MFG. CO.,
193-199 Mill Street.
- Star Headlight and Lantern Co.,
Commercial and Jones Streets.
- *The T. H. Symington Co.,
Lincoln Park.

REFRIGERATORS

- Wentworth G. Ricker,
58 Lorimer Street.
- *C. W. Trotter & Sons,
35 Elm Street.

REGALIAS AND UNIFORMS

- Rochester Costume Co.,
374 Court Street.
- Mrs. L. M. Wackerman,
233 Spring Street.

ROOFING

- *Knowles & Peck,
50 Franklin Street.
- *The John Siddons Co.,
61-65 North Water Street.

RUBBER GOODS

- Empire Rubber Specialty Co.,
15 South Avenue.

RUBBER STAMPS—

STENCILS, ETC.

- G. P. Bailey & Son,
197 State Street.
- John R. Bourne,
111 State Street.
- Hackendahl Manufacturing Co.,
97 State Street.
- C. H. Morse & Son,
15 South Water Street.
- E. B. Myers,
383 Main Street East.

SASH BALANCES AND LOCKS

- Caldwell Manufacturing Co.,
8-10 Jones Street.
- *Pullman Mfg. Co.,
3 Industrial Street.

SAUSAGES

- *F. & C. Crittenden Co.,
290 Exchange Street.
- W. A. Gropp,
74 Front Street.
- Ottman Bros.,
45 Front Street.
- *Rochester Packing & Cold Storage
Co.,
78-80 Front Street.
- Veltz Brothers,
586-590 Joseph Avenue.

- Zweigle Brothers,
Rear 214 Joseph Avenue.

SAWS

- *Huther Bros. Saw Mfg. Co., Inc.,
1190 University Avenue.

SCALES, TRUCKS, ETC.

- L. E. Hayes,
17 New York Street.
- Rochester Scale Works,
187 N. Water Street.

SCIENTIFIC INSTRUMENTS NOT OTHERWISE SPECIFIED

- *BAUSCH & LOMB OPTICAL CO.,
635 St. Paul Street.
- Geo. S. Gardner & Co.,
141 Clifton Street.
- *TAYLOR INSTRUMENT COM-
PANIES,
95 Ames Street.

SCREWS

- Rochester Machine Screw Co.,
15 Caledonia Avenue.

SEEDSMEN

- Briggs Bros. & Co.,
138-146 North Water Street.
- Crosman Bros. Co.,
903 Monroe Avenue.
- M. Cushman & Co.,
215 Exchange Place Building.
- *L. P. Gunson & Co.,
1 Ambrose Street.
- *G. K. Higbie & Co.,
39 Spencer Street.
- *Mandeville & King Co.,
1040 University Avenue.
- *James Vick's Sons,
299 State Street.
- *Vick & Dildine Co.,
299 State Street.
- Vick & Hill Co.,
299 State Street.

SEWER PIPE

- New York State Sewer Pipe Co.,
821 Insurance Building.

SHEET METAL WORK

- *Bennett & Mason Co.,
11 Furnace Street.
- *Robert Calder, Est.,
79-83 Exchange Street.
- *Flesch & Schmitt,
123 Andrews Street.
- Geo. Fullenweider,
500 Portland Avenue.

*Names marked with asterisk are represented in the Chamber of Commerce.

- Bert A. Horn,
652 University Avenue.
Chas. H. Keeler,
206 Avenue B.
*Knowles & Peck,
50 Franklin Street.
*J. S. McConnell,
279 Mill Street.
Morrey-Cole Co., Inc.,
42 Cortland Street.
*Pritchard Stamping Co.,
999 Main Street East.
*Rochester Can Co.,
109 Hague Street.
*ROCHESTER STAMPING CO.,
176 Anderson Avenue and
12 Saratoga Avenue.
*Ryede Specialty Works,
117 Main Street West.
Savage Stamping Co.,
176 Anderson Avenue.
Frederick Schoenemann,
464 St. Paul Street.
*The John Siddons Co.,
61-65 North Water Street.
F. H. Williams & Son,
295-299 Monroe Avenue.
Young & Harrington,
40 Cortland Street.

SHIRTS

- J. Bracker & Sons,
77 St. Paul Street.
Bristol & Schubmehl,
156 Main Street East.
Jas. B. Pierce,
68 Clinton Avenue North.
S. L. Skiff,
360 Main Street East.
*Whillock Bros.,
26 Main Street West.

SHOE MACHINERY

- *Booth Bros. Co.,
108 Brown's Race.

SHOE RACKS

- L. E. Hayes,
17 New York Street.

SHOE SUPPLIES

- C. D. Brown & Co.,
Redfield Street, near Freeman
Street.
E. T. Gilbert Mfg. Co.,
228 South Avenue.
Charles M. Lane,
117 Mill Street.
*Morton & Son Co.,
130 Mill Street.
*Rochester Heel Co.,
16 Brown's Race.

- Rochester Shank Co.,
176 North Water Street.
*Rochester Top Lift Co., Inc.,
167 Ames Street.
W. H. Wood Co.,
407 Cox Building.

SHOES

(See Women's, Misses' and Children's
Shoes.)

SHOW CASES

- *AMERICAN GLASS & CONSTRUCTION CO.,
46-48 Cortland Street.
✓✓ Rochester Show Case Works,
404 Platt Street, cor. Allen
Street.
✓ J. W. Storaandt Mfg. Co.,
52 Brown's Race.

SILVERWARE

- ✓✓ *The Van Bergh Silver Plate Co.,
224 Main Street West.

SMELTERS AND REFINERS

- ✓ *Coates, Bennett & Reidenbach, Inc.,
Hague Street, cor. N. Y. C. R. R.

SOAP

- Ideal Manufacturing Co.,
457 Emerson Street.
*Puritan Soap Co.,
496-504 Exchange Street.
Henry Rebscher,
262 State Street.
*Tatlock Brothers, Inc.,
183 Tremont Street.
M. J. Zonneville,
Rear 2052 Main Street East-
opposite Minnesota Street.

SODA AND MINERAL WATERS

GRAPE JUICE—GINGER BEER

- Aeme Bottling Works,
351 Hudson Avenue.
Alexander L. Anderson,
190 Berlin Street.
The Consumers Co.,
Rear 17 Wentworth Street.
Paul W. Friedler,
80 Lowell Street.
Gold Medal Extract Co.,
938 Granite Building.
A. Goldstein,
41-43 Ruchan Park.
House Bros.,
72 Oakman Street.
H. S. Jenner,
492 Main Street East.

*Names marked with asterisk are represented in the Chamber of Commerce.

Maurice Lewis,
7 Schauman Street.
Michael J. Miller,
35 Thomas Street.
Rochester Soda & Mineral Water Co.,
187 Hudson Avenue.
Royal Bottling Co.,
155 Sanford Street.
*J. HUNGERFORD SMITH CO.,
410-420 North Goodman Street.
R. B. Stevenson,
11 Bartlett Street.

SODA FOUNTAIN REQUISITES

*Archbold Mfg. Corporation,
Blossom Road, cor. N. Y. C. Ry.
The Ever Ready Chocolate Co.,
90 Mill Street.
Haag & Haag,
12 Jackson Street.
*THE RICHARDSON CORPORATION,
1069 Lyell Avenue.
Joseph Rueckberg,
9 Anson Place.
*J. HUNGERFORD SMITH CO.,
410-420 North Goodman Street.

SODA FOUNTAINS

J. W. Storandt Mfg. Co.,
52 Brown's Race.
*WHITMORE, RAUBER & VICINUS,
279 South Avenue.

SOLDER

*Rochester Lead Works,
380-382 Exchange Street.

SPECIALTIES

Abraham Berliner,
157 Clinton Avenue North.
Empire Bag & Burlap Co.,
Rear 39 Gorham Street.
B. F. Gleason Mfg. Co.,
208 Mill Street.
*Hickok Mfg. Co.,
39 North Street.
*The Holley Co.,
21 Elm Street.
Kellogg Mfg. Co.,
3 Circle Street.
Rochester Paper Products Co.,
222 Mill Street.
*Rochester Sanitary Wiper Co.,
Rear 39 Gorham Street.
Ryan & Von Bacho,
619-621 E. & B. Building.
Abe H. Smith,
1 East Avenue.
C. E. Van Doorn Co.,
176 Anderson Avenue.

SPICES

*R. T. French Co.,
Mustard Street, foot of Palmer
Street.
*Rochester Coffee & Spice Mills,
27 North Washington Street.
Van De Carr Spice Co.,
73 Stone Street.

SPRAYERS, ETC.

The W. C. Akins Machine Co.,
80 North Water Street.
The E. C. Brown Co.,
841 Maple Street. ✓
*The Rex Co.,
P. O. Box 712.
Rochester Spray Pump Co.,
179 Broadway.

STAINED AND ART GLASS

*Baker Art Glass Studio,
17 Main Street East.
F. W. Gray,
78 Arch Street.
J. Henry Gustafson,
80 Main Street West.
*HASKINS ART GLASS CO.,
Cor. Court and Cortland Street.
*Pike Stained Glass Studios,
193 East Avenue.
Rochester Stained Art Glass Works,
38 Exchange Street.

STAMPING

*Atlantic Stamping Co.,
180 Ames Street.
Baxendale, Whittlesey & Cummings,
205 Mill Street.
*ERDLER PERFORATING CO., ✓
171 York Street.
Genesee Plating & Machine Works,
Inc.,
117 North Water Street.
John A. Houlihan,
15 Franklin Street.
*McCall Machine Works,
89 Allen Street.
Peck Engineering & Mfg. Co.,
230 Mill Street.
*Pritchard Stamping Co.,
999 Main Street East.
W. B. Paliser,
19 East Avenue.
*Rochester Can Co., ✓
109 Hague Street.
Rochester Cutting Die Co.,
167 Ames Street.
*ROCHESTER STAMPING CO.,
176 Anderson Avenue, and
12 Saratoga Avenue.
*William P. Stein Co.,
278-282 State Street.
Union Tool Co.,
307 St. Paul Street.

*Names marked with asterisk are represented in the Chamber of Commerce.

- *F. A. Woehr Machine Co.,
90 Mill Street.
- *C. A. Weidner Co.,
222 Mill Street.

STANCHIONS

- Foster Steel Stanchion Co.,
905 German Insurance Building.

STATUARY

- *Thillman P. J. Fabry,
42 North Water Street.
- August A. Langenbahr Co.,
486 Clinton Avenue South.

STEEL BALLS

- Auburn Ball Bearing Co.,
29-35 Elizabeth Street.

STEEL PLATE ENGRAVERS

- *Gibson Studio of Engraving,
63 East Avenue.
- *Scrantom, Wetmore & Co.,
18-22 Main Street West.
- *United Litho & Printing Companies,
228-236 South Avenue.

STENCIL CUTTERS

- G. P. Bailey & Son,
197 State Street.

STERILIZERS AND BACTERIOLOGICAL APPARATUS

- *Wilnot Castle Co.,
792-814 St. Paul Street.

STORE AND OFFICE

FIXTURES

- *AMERICAN GLASS & CONSTRUCTION CO.,
46-48 Cortland Street.
- C. & H. Reinschmidt,
57 Sullivan Street.
- *Rochester Cabinet Co.,
404 Platt Street.
- *Rochester Show Case Works,
404 Platt Street, cor. Allen Street.
- J. W. Storandt Mfg. Co.,
52 Brown's Race.

STOVES

- Coalecon Co.,
Ely and South Water Streets.
- *Co-operative Foundry Co.,
Lincoln Avenue at Lincoln Park.
- *Galusha Stove Co.,
167 Court Street.
- *Sill Stove Works,
524 Oak Street.

STRUCTURAL STEEL

- *Genesee Bridge Company, Inc.,
666 Plymouth Avenue.
- *F. L. Hughes & Co., Inc.,
190 South Avenue, and
Luell Avenue at Gates.
- ROCHESTER IRON WORKS,
616 Powers Building.
- *William H. Wilson Iron Works,
51-57 Industrial Street.

SUIT CASES

- *Henry Likly & Co.,
330-340 Lyell Avenue.
- Harry L. Zelter Co.,
92 Main Street East.
- Joseph Zick,
12 Walnut Street.

SURGICAL INSTRUMENTS

- *Electro Surgical Instrument Co.,
29 North Water Street.

TACKS

- *Genesee Tack Co.,
55 Mt. Hope Avenue.

TAILORS' ACCESSORIES

- Tailors' Accessories Co.,
104 St. Paul Street.

TANKS, STEEL—GLASS ENAMELED LINED

- *THE PFAUDLER COMPANY,
214-223 Cutler Building.

TANNERY

- C. D. Brown & Co.,
Redfield, near Freeman Street.

TELEPHONES

- *STROMBERG-CARLSON TELEPHONE MFG. CO.,
1050 University Avenue.

TEMPERATURE AND PRESURE REGULATORS

- Beers Bros. Thermostat Co.,
Portland Avenue and Norton Street.

- *TAYLOR INSTRUMENT COMPANIES,
95 Ames Street.

THERMOMETERS

- Hohmann & Maurer Mfg. Co.,
Ames Street, near West Avenue.
- *TAYLOR INSTRUMENT COMPANIES,
95 Ames Street.

*Names marked with asterisk are represented in the Chamber of Commerce.

THREAD

- ✓ Holland Mfg. Co.,
15 Andrews Street.

TILE

- Rochester Brick & Tile Mfg. Co.,
245 Powers Building.
*Rochester German Brick & Tile Co.,
279 South Avenue.

TISSUE PAPER

- ✓ *Flower City Tissue Mills Co.,
Driving Park Avenue.

TOBACCO

- *Jacobstein Brothers,
201 Main Street East.
J. L. Lintz & Co., Inc.,
65 Mill Street.
✓✓ *P. Meagher & Sons Co.,
568-574 St. Paul Street.
Chas. J. Stand,
215 South Avenue.
R. Whalen & Co.,
194 Mill Street.

TOILET SPECIALTIES

- Mrs. Frank W. Allen,
229 Mercantile Building.
H. L. Baker & Co.,
298 Clinton Avenue South.
Boyce & Marten,
203 State Street.
Martha Matilda Harper,
516-520 Powers Building.
The Hess Co.,
140 Edinburgh Street.
Kulux Mfg. Co.,
82 St. Paul Street.
LeMay Chemical Co.,
506 Cox Building.
Masu Co.,
48 Cutler Building.
Joseph Mauro,
193 Front Street.
M. B. McMahon & Co.,
70 Charlotte Street.
Henry Rebscher,
262 State Street.
*ROCHESTER GERMICIDE CO.,
16-24 Dowling Place.
E. C. Stearns,
158 Main Street East.
Herbert G. Williams Co.,
17 Morris Street.
Mae Edna Wilder Co.,
82 St. Paul Street.
D. S. Willson Mfg. Co.,
221 Columbia Avenue.

TOOLS

- *Eisler Mfg. Co.,
15 Elser Terrace.

- *A. & H. G. Mutschler, Inc.,
77-79 North Water Street.
*M. W. Patric,
77 South Avenue.
*Wm. P. Stein & Co.,
278-282 State Street.
*Taylor-Schantz Co.,
222-230 Mill Street.
The Union Tool Co.,
307 St. Paul Street.
*C. A. Weidner Co.,
222 Mill Street.
*F. A. Woehr Machine Co.,
90 Mill Street.

TOYS

- *Uhlen Carriage Company,
94 State Street.

TRAVELING BAGS, ETC.

- *Henry Likly & Co.,
330-340 Lyell Avenue.
Harry L. Zelter Co.,
92 Main Street East.
Joseph Zick,
12 Walnut Street.

TROUSERS—OVERALLS

- J. Bracker & Sons,
77 St. Paul Street.

TRUNKS

- *Henry Likly & Co.,
330-340 Lyell Avenue.
Harry L. Zelter Co.,
92 Main Street East.

TRUSS AND ABDOMINAL SUPPORTERS

- *GEORGE B. FULLER CO.,
230 Andrews Street.

UNDERTAKERS' SUPPLIES

- ✓ *BAKER-BROWN CASKET CO.,
20 Cortland Street.
B. F. Gleason Mfg. Co.,
208 Mill Street.
*NATIONAL CASKET CO.,
124 Exchange Street.

VACUUM CLEANERS

- ✓ Clayton-Marlborough Mfg. Co.,
442 Main Street East.

VARNISHES

- Beiter Paint Co.,
398 Main Street East.
Humphrey's Specialty Co.,
190 Edinburgh Street.
Rochester Shellac Co., Inc.,
71 South Water Street.

*Names marked with asterisk are represented in the Chamber of Commerce.

VENDING MACHINES

- *Pulver Chocolate & Chicle Mfg. Co.,
256 Mill Street.
- *Ryede Specialty Works,
177 Main Street West.

VENTILATORS AND SKYLIGHTS

- *AMERICAN GLASS & CONSTRUCTION CO.,
46-48 Cortland Street.
- *HASKINS ART GLASS CO.,
Cor. Court and Cortland Street.
- *National Skyliht & Ventilator Co.,
207 York Street.

WAGONS

- Thomas P. Allen,
130 Mt. Hope Avenue.
- *Deusing & Zieres,
Rear 178 Main Street West.
- Patrick J. Dwyer,
5 Cleveland Street.
- Hoffman Wagon & Carriage Co.,
499 St. Paul Street.
- Geo. A. Lane,
466 North Street.
- M. A. Maloy,
482 Court Street.
- *George V. Popp,
19 Smith, near St. Paul Street.
- F. C. Rehtz,
8 Mortimer Street.
- *W. H. Rowerdink & Son,
78-82 North Street.
- *C. Schnackel Sons,
458 Joseph Avenue.
- A. F. & S. C. Stewart,
70 Andrews Street.
- *Sullivan Bros.,
1701 East Avenue.

WASHING MACHINES

- *Rochester Rotary Washer Co.,
55 Franklin Street.

WATCHMAKERS

- C. B. Allison,
43 Arcade.
- S. Ferkin,
Glenny Building.
- A. D. Groat,
213 Central Building.
- E. R. Saalman,
75 Main Street East.

WATERCLOSETS

- Gaylord Sanitary Mfg. Co.,
1 Gleason Place.

WEATHER STRIPS

- George Gernandt,
40 Tyler Avenue.

WELDING

- *Rochester Welding Works,
349 Orchard Street.

WINDOW AND DOOR SCREENS

- Chas. A. Norton Co.,
183 Main Street East.
- J. H. Reinhard & Sons,
17 Favor Street.
- Jacob Schuler,
733 Monroe Avenue.

WIRE GOODS

- Genesee Cooping Co.,
34 Weldon Street.
- Joseph Haddleton,
391 Columbia Avenue.
- Edmond Humphreys,
12 Utica Place.
- Reisig's Wire Works,
392 St. Paul Street.
- *Rochester Brass & Wire Works Co.,
76-86 Exchange Street.
- *THE WHITE WIRE WORKS CO.,
47 Exchange Street.

WOMEN'S, MISSES' AND CHILDREN'S SHOES

- Adler, Martin & Katz,
15 South Avenue.
- *D. Armstrong & Co.,
159 Exchange Street.
- W. B. Coon Co.,
60 Commercial Street.
- *Dugan & Hudson Co.,
140 North Fitzhugh Street.
- *Wm. Eastwood & Son Co.,
176 Main Street East.
- Elam Shoe Co.,
176 North Water Street.
- *C. P. Ford & Co., Inc.,
12 Commercial Street.
- Frank J. Fox Co.,
49 South Avenue.
- *H. H. Freeland,
106 Mill Street.
- Goodger & Milow Shoe Co.,
106 Mill Street.
- Goodwin Shoe Co., Inc.,
457 Main Street West.
- *Goodwin & Taylor Co.,
44 Franklin Street.
- Jas. R. Griffin,
141 Milton Street.
- J. L. Heath,
838 Smith Street.
- W. Heiber & Son,
444 Central Avenue.
- *Hyman Bros.,
84 North Street.
- *Joy, Clark & Nier, Inc.,
175 North Water Street.

*Names marked with asterisk are represented in the Chamber of Commerce.

- ✓ ✓ *John Kelley, Inc.,
Jay Street and Saratoga Avenue.
- Edward H. Kennedy,
282 State Street.
- *Leach Shoe Co.,
192 Mill Street.
- Levinson Shoe Mfg. Co.,
203 State Street.
- *J. J. MacMaster,
89 Allen Street.
- *C. E. Meade,
752 Lake Avenue.
- ✓ ✓ *The Menihan Co.,
Portland and Clifford Avenues.
- *Newcomb-Anderson Shoe Co.,
276 Sanford Street.
- Perfection Shoe Co.,
147-151 St. Paul Street.
- Jeremiah Phelan's Sons,
119 Mill Street.
- *Piehler Shoe Co.,
37 Centennial Street.
- ✓ ✓ *E. P. Reed & Co.,
250 North Goodman Street.
- Rochester Soulietta Mfg. Co.,
14 Edmonds Street.
- Jos. A. Schreier,
268 State Street and
89 Allen Street.
- ✓ *Seneca Shoe Co.,
89 Allen Street.
- *Sherwood Shoe Co.,
625 South Goodman Street.
- Stutz Mfg. Co.,
109 Franklin Street.
- Superba Shoe Co.,
109 Franklin Street.

- ✓ ✓ *Utz & Dunn Co.,
37 Canal Street.
- J. W. Welz & Co.,
24 Allen Street.
- Max Wildofski,
70 Andrews Street.
- *Williams, Hoyt & Co.,
4 Commercial Street.
- W. H. Wright,
123 Mill Street.
- *Wright & Peters Co.,
165 North Water Street.

WOOD BOX MACHINERY

- *MORGAN MACHINE CO.,
1100 University Avenue.

WOOD CARVERS

- *Thillman P. J. Fabry,
42 North Water Street.
- Frederick Suter,
42 South Avenue.

WOODWORKING MACHINERY

- *American Wood Working Machinery
Co.,
591 Lyell Avenue.
- *Connell & Dengler Machine Co.,
222 Allen cor. Platt Streets.

WOOLEN GOODS

- *Allen Woollen Mills,
6 Elton Street.

*Names marked with asterisk are represented in the Chamber of Commerce.

Rochester Manufacturers

Rochester is the twenty-fourth city in the United States. You count the first twenty-three as valuable territory and bend every effort to make sales therein. Add Rochester to your fertile field. It costs less to sell, deliver and collect here. Make it a sales point of great value to you, instead of a "let-it-come-if-it-will" sort of place. You gain the advantage of added sales, a loyal patronage, and the prestige that comes to an establishment that is favorably known and patronized at home.

Rochester Retailers

Rochester people know that Rochester Made Means Quality. Ally yourself with Rochester products—you advance the standing of your store in the minds of the people. You are in direct touch with the manufacturer and can take advantage of novelties, changes in styles and immediate deliveries. The money you pass on to Rochester manufacturers is included in the factory pay roll. It comes back to you more quickly than that spent with out-of-town producers. **Sell Rochester made goods and keep that fact before the public.**

Rochester Consumers

Ask for Rochester products when you are purchasing. You will find that Rochester made goods represent the greatest possible value for your money. You serve your immediate needs best, you impress on the storekeeper your interest in the prosperity of the city, and you and your children profit by the greater opportunities brought about by this prosperity. Remember that money that stays in Rochester comes back to you sooner than money that is sent away.

Every effort has been made to list correctly the names and addresses of all Rochester manufacturers. The Industrial Development Committee is encouraged to believe that it has been successful in this respect, but if, in looking over the foregoing directory, you discover that names are missing, your courtesy in reporting them as soon as possible will be greatly appreciated.

ROCHESTER CHAMBER of COMMERCE