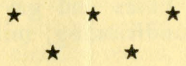


# HALF CENTURY OF PROGRESS



**W**ESTINGHOUSE is one of the group of enterprises that originated out of the creative genius of George Westinghouse. In 1886 the Westinghouse Electric Company was organized. There was acquired in 1889 a broad charter granted in 1872 to the Chartiers Improvement Company, and the name was changed to the present form—the Westinghouse Electric & Manufacturing Company.

When George Westinghouse began his operations, the electrical industry was still in its infancy. Cities and the restricted areas of dense population were served by plants equipped with electric generators for outdoor arc lighting and direct current for incandescent lighting of homes.

The first Westinghouse Works was in Pittsburgh and employed 200 men. The first price list consisted of a

handwritten sheet containing fourteen items. Today one catalog issued by Westinghouse contains well over 200,000 items and this covers but a part of the products. Obviously, no small booklet such as this could include all of the products; however, there is set forth in the following pages a list of the principal products.

In its beginning the Westinghouse sales staff consisted of some half dozen salesmen. Today the parent company has its sales representatives in 91 American cities and Westinghouse products are on sale in stores of more than 11,000 dealers. In addition, the products are distributed through subsidiaries, with 14 main and 66 branch offices in this country; and through branch offices and subsidiaries in 55 countries outside of the United States.

**WESTINGHOUSE ELECTRIC & MANUFACTURING COMPANY** is primarily an operating concern owning its plants, properties and other assets. In addition, there are subsidiary manufacturing companies and subsidiary distributing companies; the stock of these companies is owned by Westinghouse Electric & Manufacturing Company. There are 19 works in 17 cities in 9 states as follows:

*EAST PITTSBURGH WORKS* ..... *East Pittsburgh, Pa.*

**GENERATOR DIVISION**

Large machinery such as generators, motors, motor generator sets, synchronous condensers, rotary converters; mercury arc rectifiers and feeder voltage regulators. Railway motors, generators, converters and control for street and interurban railways, trunk line electrification, trolley buses and gas electric buses; axle-driven generators for train lighting and air conditioning; mill motors, mine motors, auxiliary marine motors.

**MOTOR DIVISION**

Medium-sized machinery such as motors, generators, motor generator sets; arc, flash, and spot welders; and industrial control and regulating devices. Lightning arresters; capacitors; reactors; rectifiers; industrial applications of electronic tubes; gasoline driven light and power plants for homes, and for industrial, commercial and aviation purposes; air conditioning apparatus for homes, railways, offices, stores, etc.; vertical automobile parking machines.

**SWITCHGEAR DIVISION**

Switchboards; armored switchgear; switch houses; oil, air and "De-ion" circuit breakers; outdoor switching equipment; automatic, remote and supervisory control; calculating boards.

**FOUNDRY AND MICARTA DIVISION**

Iron, steel and brass castings; copper rolling and drawing. Micarta for electrical insulation, silent gears, spinning buckets, bearings, serving trays, furniture, office paneling, and many other industrial and domestic applications.

*ATTICA WORKS* ..... *Attica, N. Y.*

Automatic mechanical stokers for central stations and industrial plants.

*CHICOPEE FALLS WORKS* ..... *Chicopee Falls, Mass.*

Radio transmission apparatus for broadcasting and other sending stations; radio receiving apparatus for aviation, navigation and similar purposes; high frequency and other electronic apparatus.

*CLEVELAND WORKS* ..... *Cleveland, Ohio*

Lighting equipment and control for street, industrial, commercial, floodlight and airport applications; ornamental poles and brackets for street lighting; iron foundry; fixtures for sun lamps.

*DERRY WORKS* ..... *Derry, Pa.*

Porcelain insulators of all types and sizes; transmission line hardware.

*EAST SPRINGFIELD WORKS* ..... *East Springfield, Mass.*

Small motors; small generators for aviation, radio, and similar purposes; electric fans; domestic and commercial electric refrigerators and water coolers; humidifiers and room coolers; motor driven household appliances, such as ironing machines, vacuum sweepers, food mixers, etc.; iron foundry.

*EMERYVILLE WORKS—(Porcelain Division)* ..... *Emeryville, Cal.*

Porcelain insulators of all types and sizes.

*EMERYVILLE WORKS—(Electric Division)* ..... *Emeryville, Cal.*

Assembly of motors and distribution transformers.

*HOMEWOOD WORKS* ..... *Pittsburgh, Pa.*

Repair and renewal parts for apparatus in service.

*MANSFIELD WORKS* ..... *Mansfield, Ohio*

Household appliances, such as electric ranges, water heaters, electric irons, percolators, waffle irons, toasters, etc.; electric cooking and baking appliances for hotels, restaurants, and hospitals; industrial electric ovens, furnaces, and other heating appliances; safety switches; meter entrance and distribution "De-ion" circuit breakers for homes and buildings; refrigerator cabinets.

*NEWARK WORKS* ..... *Newark, N. J.*

Watt-hour meters; instruments and relays for central stations and industrial purposes; motors for electric clocks; time switches; oscillographs; cardiographs for doctors and hospitals; electronic tube devices for metering, card sorting, counting, accounting, etc.

*NUTTALL WORKS* ..... *Pittsburgh, Pa.*

Industrial and railway gears; reduction gear units; oil well drilling and pumping equipment; motor and reduction gear combinations; flexible couplings, railway trolleys and pantographs.

*ST. LOUIS WORKS* ..... *St. Louis, Mo.*

Hollowspun reinforced concrete ornamental poles for street lighting, traffic signals, etc.; hollowspun concrete piles for building foundations.

*SHARON WORKS* ..... *Sharon, Pa.*

Power, distribution, industrial, testing, and instrument transformers of all types and sizes; tap changers; reactors; current regulators; arc welders.

*SOUTH PHILADELPHIA WORKS* ..... *South Philadelphia, Pa.*

Steam turbines for central stations, industrial plants and marine installations; steam condensers; reduction gears for marine and other purposes; electric locomotives; Diesel engines, Diesel electric locomotives and Diesel electric cars; steam ejectors and heat exchangers for air conditioning and industrial processes.

**MISCELLANEOUS SUBSIDIARY COMPANIES**

INTERBOROUGH IMPROVEMENT COMPANY, East Pittsburgh, Pa., owns and rents, and in past has built and sold, dwellings to employes at various plant locations; LAURENTIDE MICA COMPANY, LIMITED, Ottawa, Ont., Canada, reserve mica mine, not now operated; THE TURTLE CREEK & ALLEGHENY RIVER RAILROAD COMPANY, East Pittsburgh, Pa., furnishes rail and freight facilities in East Pittsburgh works territory; WESTINGHOUSE INTER-WORKS RAILWAY COMPANY, East Pittsburgh, Pa., provides freight and transportation facilities between the several shops and buildings at East Pittsburgh and vicinity.

**SUBSIDIARY COMPANIES MANUFACTURING  
WESTINGHOUSE PRODUCTS**

*WESTINGHOUSE LAMP COMPANY*..... *Main Office, New York, N. Y.*

Plants in Bloomfield, N. J., and Trenton, N. J.

Products: Every form of lamp for both exterior and interior lighting, ranging from "grain of wheat" lamps used in surgical work to the 10,000-watt lamp principally used in airport lighting. Miniature lamps for radio and power panels, automobiles, miners' lanterns, flashlights, etc.; photo-flash lamps, sun lamps, photo-electric tubes, grid-glow lamps, x-ray tubes, mercury switches; vacuum, gas-filled, and mercury vapor tubes of all kinds.

Maintains its own research laboratories devoted to the development of new devices for industrial operations, photography, therapeutic service and all types of household and industrial illumination. Designs and constructs its lamp manufacturing machinery on which it holds many valuable patents. The Company is self contained, in that it handles the raw materials and fabricates the metal parts and products entering into the manufacture of lamps and similar devices.

The main factories are located in Bloomfield, N. J., where 15,000,000 large Mazda lamps and 20,000,000 automotive and miniature lamps are made annually. The Trenton, N. J. plant has an output of 43,000,000 household Mazda lamps; the Belleville, N. J. plant produces 75,000,000 lamp bases and 28,000,000 radio tube bases annually.

*THE BRYANT ELECTRIC COMPANY*..... *Bridgeport, Conn.*

Lamp sockets and receptacles; switches for lighting circuits, electric ranges and miscellaneous applications; attachment plugs and appliance plugs; baseboard receptacles; flush plates; rosettes; fuses; fuseholders; cord sets; sentinel circuit breakers; hospital signalling systems; regulating and control equipment for refrigerators, air conditioning, etc.; time switches; push buttons; miscellaneous wiring devices, molded material for electrical apparatus, household utensils, etc.

*WESTINGHOUSE ELECTRIC ELEVATOR COMPANY*..... *Chicago, Ill.*

All types of electric passenger and electric freight elevators for office buildings, warehouses, department stores, apartment houses, hotels and factories; electric stairways.

Installations include: *New York City*—RCA Building, Central Tower, British Building and French Building of Rockefeller Center, Bankers Trust, New York Trust, Insurance Company of North America, Downtown Athletic Club, Parcel Post, Daily News. *Pittsburgh*—Grant Building, Gulf Oil, Koppers Company, William Penn Hotel, Joseph Horne Store, Allegheny General Hospital, Cathedral of Learning, Duquesne Club. *Cincinnati*—Carew Tower. *Detroit*—Fisher Building, New Center Building, First National Bank. *Chicago*—Merchandise Mart, Civic Opera Building, Foreman Bank, Chicago Post Office, Stevens Hotel. *St. Louis*—County Court Building, St. Louis Mart & Terminal Warehouse. *Dallas*—Dallas Power & Light Building. *San Antonio*—Milam Building. *Seattle*—Northern Life Insurance Building. *Boston*—Atlantic National Bank, Christian Science Publishing Company. *Philadelphia*—Market Street National Bank, University Club. *Portland*—Yeon Building.

*WESTINGHOUSE X-RAY COMPANY, INC.*..... *Long Island City, N. Y.*

A complete line of x-ray apparatus for medical and industrial work; fluoroscopes, generators, high frequency surgical knives and diathermic machines.

**SUBSIDIARY COMPANIES DISTRIBUTING  
WESTINGHOUSE PRODUCTS**

*WESTINGHOUSE ELECTRIC SUPPLY COMPANY*..... *New York, N. Y.*

The Westinghouse Electric Supply Company operates a complete electrical wholesaling business, providing local distributing centers for Westinghouse and other electrical products in 66 cities strategically located in all parts of the United States.

These distributing houses carry in stock a full line of Westinghouse electrical appliances, lamps and lighting material, safety switches and other standard apparatus such as motors; and in addition a complete line of supplies, including wires and cables, conduit and wiring supplies of all kinds.

Thus a localized service with quick delivery is offered to dealers, contractors, industrial plants and central stations.

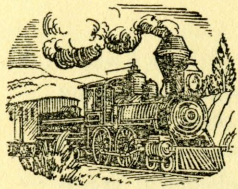
Offices and warehouses of the Supply Company are located in the following cities:

Albany, N. Y.	Duluth, Minn.	Oakland, Cal.	Springfield, Mass.
Allentown, Pa.	Evansville, Ind.	Oklahoma City, Okla.	St. Louis, Mo.
Atlanta, Ga.	Flint, Mich.	Omaha, Nebr.	St. Paul, Minn.
Augusta, Me.	Ft. Worth, Tex.	Peoria, Ill.	Syracuse, N. Y.
Baltimore, Md.	Grand Rapids, Mich.	Philadelphia, Pa.	Tampa, Fla.
Bangor, Me.	Greenville, S. C.	Phoenix, Ariz.	Toledo, O.
Binghamton, N. Y.	Houston, Tex.	Portland, Ore.	Trenton, N. J.
Boston, Mass.	Indianapolis, Ind.	Providence, R. I.	Tulsa, Okla.
Burlington, Vt.	Jacksonville, Fla.	Raleigh, N. C.	Utica, N. Y.
Butte, Mont.	Los Angeles, Cal.	Reading, Pa.	Washington, D. C.
Charlotte, N. C.	Madison, Wis.	Richmond, Va.	Waterloo, Ia.
Chicago, Ill.	Memphis, Tenn.	Rochester, N. Y.	Wichita, Kan.
Cleveland, O.	Milwaukee, Wis.	San Antonio, Tex.	Wilmington, Del.
Columbia, S. C.	Minneapolis, Minn.	San Francisco, Cal.	Worcester, Mass.
Dallas, Tex.	Newark, N. J.	Seattle, Wash.	York, Pa.
Des Moines, Ia.	New Haven, Conn.	Sioux City, Ia.	
Detroit, Mich.	New York, N. Y.	Spokane, Wash.	

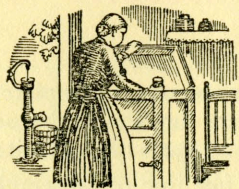
*WESTINGHOUSE ELECTRIC INTERNATIONAL COMPANY*..... *New York, N. Y.*

Distribution, outside of United States and Canada, of products manufactured by Westinghouse and subsidiaries. Branch Offices and subsidiary companies in these countries: Argentina, Australia, Chile, Cuba, Mexico and South Africa. Distributors in: Bahama Islands, Belgian Congo, Belgium, Bermuda, Bolivia, Brazil, British East Africa, British Guiana, British Honduras, China, Colombia, Costa Rica, Cyprus, Czechoslovakia, East Indies, Ecuador, France, Greece, Guatemala, Honduras, India, Iraq (Mesopotamia), Italy, Jamaica, Japan, Jugo-Slavia, Luxemburg, Morocco, Netherlands, Newfoundland, New Zealand, Nicaragua, Norway, Palestine, Panama, Paraguay, Peru, Philippine Islands, Porto Rico, Portuguese East Africa, Salvador, Siam, Spain, Straits Settlements, Switzerland, Syria, Tripoli, United Kingdom and Ireland, Uruguay, Venezuela, West Indies.

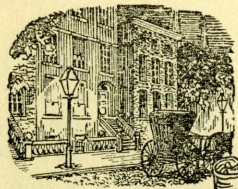
Steam Locomotive



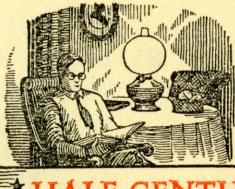
Ice Box



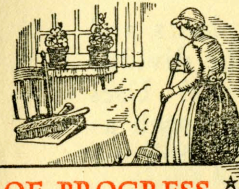
Gas Street Lighting



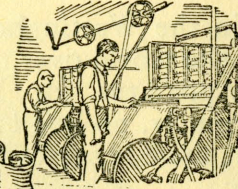
Lighting by Kerosene



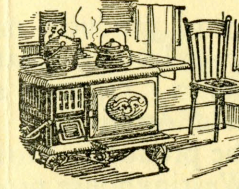
Broom & Dust Pan



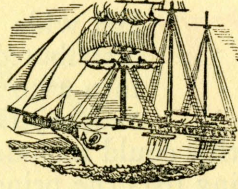
Old Textile Mill



Old Kitchen Stove



Old Sailing Vessel



★ HALF CENTURY OF PROGRESS ★

WHEN George Westinghouse started his experiments, he could not have even dreamed that those humble beginnings would help to revolutionize everyday life. Consider the changes since the days of our mothers and our grandmothers. Food was cooked on stoves burning wood and coal. There were ice boxes but little was known of the preservation of food stuffs by refrigeration. Even in cities few homes had running water or a bath room or central heating system. Gas was used for street lighting in larger communities but kerosene lamps lighted the homes.

At the Philadelphia Centennial of 1876 the telephone was an interesting curiosity. In September 1882 the first electric generating station was opened in New York City. People rode on horses or in carriages. Wagons delivered city freight and hauled farm produce to town. Sleeping cars were

called "palace-cars"; and, locomotive smoke-stacks were then gigantic funnels. There were horse cars but the electric trolley cars did not come until 1888. Transatlantic liners, a far cry from our modern floating palaces, were developed about the same time.

Safety bicycles were shown in 1893 at the Chicago World's Fair—where Westinghouse installed the system of electric illumination and exterior flood-lighting of public buildings.

Arc lights and carbon-filament incandescent lights were under way in 1894. In 1907 the tungsten lamp was introduced and gas-filled bulbs about 1914. No one then dreamed of x-ray and radio.

It was not until 1902 that automobiles were made in volume. The Wright Brothers flew in 1903. The first major railroad electrification was the New Haven in 1907.

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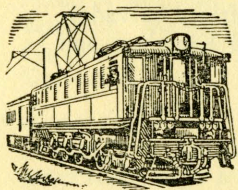
If for a week every husband did the cooking, cleaned the ice box, washed the dirty dishes, used the broom and dust pan, scrubbed the floors and ironed the clothes with antiquated household utensils—there would be a domestic eruption. Out would go the old—in would come modern household conveniences.

Electrically operated household devices have emancipated women from hard labor in the home. Out of 20 years of married life the wife used to spend six years chained to the wash-tub; and another six with the broom and dust pan in her hands. In the rural districts, water was drawn from springs and wells. Fires had to be kept burning in the kitchen stove, food cooked three times daily and the greasy dishes washed. Filling oil lamps and lanterns, washing and polishing the lamp globes consumed 200 days out of her 20 years.

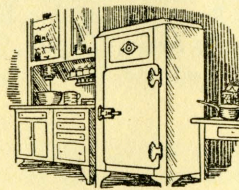
The introduction of electric power lines into rural districts has meant a new day and a new night, too, for the farmer and his wife.

Slavery of housework is being banished. Electricity is lifting heavy burdens from weary shoulders. Washing machines, dishwashers, cooking ranges, water heaters, irons, refrigerators, percolators, waffle irons, toasters, vacuum cleaners, foodmixers, air conditioners—and the many other electrically operated household appliances, now household necessities, were novelties even 20 years ago.

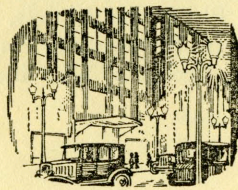
These changes in our everyday life have been experienced by a generation of men and women, still in their prime of life. This advancement in the mode of living could not have been accomplished without the contribution of the electrical industry—in which Westinghouse has been a pioneer.



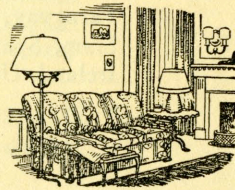
Electric Locomotive



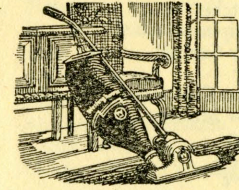
Electric Refrigerator



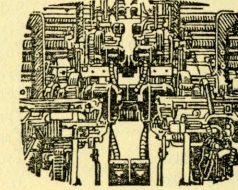
Electric Street Lighting



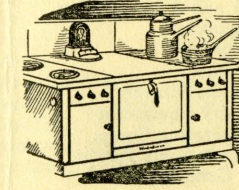
Lighting by Electricity



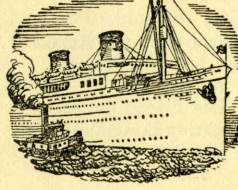
Vacuum Cleaner



Electrified Textile Mill



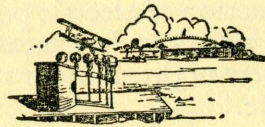
Electric Range



Ocean Liner

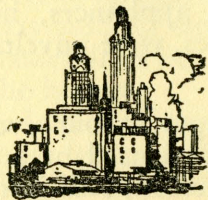
## WESTINGHOUSE INDUSTRIAL APPARATUS

**T**HE wide variety of products made in the Westinghouse plants and distributed by its sales organizations the world over, may be divided into two groups: 1) Devices and Apparatus for Industrial Uses and; 2) Household Appliances. Obviously, no small booklet such as this could include all the products. However, there is set forth in the following lists the principal Westinghouse products:



### AVIATION

Approach, Boundary, Hangar, and Obstruction Lights	Hinge Bearings
Arc Welding Equip.	Tailwheels, Firewalls
Beacons and Floodlights	Motor Generators
Instruments	Panelboards, Nofuze
MAZDA Lamps	Reflectors
Micarta	Regulators
Cabin-lining Plate	Safety Switches
Fairleads, Pulleys	Time Switches
	Transformers
	Underground Cable

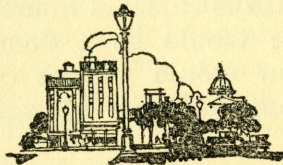


### BUILDINGS

Air Conditioning Equip.	Lunaire, Magnalux, Sol-laire, Sollux Luminaires
Air Heaters	Reflectors & Lamps
Arc Welding Equipment	Micarta Trays, Name Plates and Paneling
Capacitors	Meters
Circuit-Breakers	Meter Service Switches
Elevators and Control	Motors and Control for:
Fans	Coal and Ash-Handling Equipment
Generators	Compressors
Glue and Solder Pots	Elevators
Instruments and Relays	Fans and Blowers
Kitchen Equipment	Laundry Equipment
Bake Ovens	Refrigerating Equip.
Hot Plates, Ranges	Water & Sump Pumps
Lighting Equipment	Motor Generators
Brackets, Newels and Lanterns	

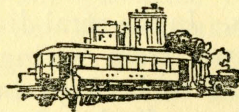
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Panelboards, Nofuze	Switches, "De-ion" Breaker
Refrigerators	Switchgear
Synchronous Converters	Transformers
Safety Switches	Vacuum Cleaners
Solar Glow Heaters	Water Coolers
Stokers	



### CITY IMPROVEMENTS

Airport Floodlights	MAZDA Lamps
Automatic Substations	Motors
Constant Cur. Regulators	Ornamental Standards
Control Apparatus	Parkway Cables
Elec. Railway Equip.	Street Brackets
Floodlighting Equip.	Streethoods
Lighting Units	Transformers

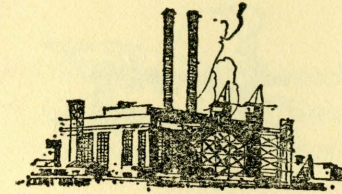


### ELECTRIC RAILWAYS

Arc Welding Equip.	Line Material
Automatic Substations	Locomotives, Elec.
Babbitt, Solder & Pots	Manual Substations
Baking Ovens	MAZDA Lamps
Car Panelboards	Motors and Control
Circuit-Breakers	Panelboards, Nofuze
Coaches, Gas-Electric, and Trolley	Portable Substations
Fans	Relays
Gears and Pinions	Safety Switches
Generators	Signal Equipment
Instruments & Meters	Supervisory Control
Insulating Materials	Switchgear
Insulators	Synchronous Converters
Lighting Fixtures	Track Snow Melters
Lightning Arresters	Transformers
	Trolley Poles
	W. N. Drive

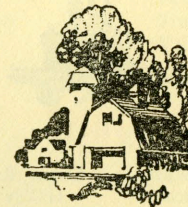
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## WESTINGHOUSE INDUSTRIAL APPARATUS



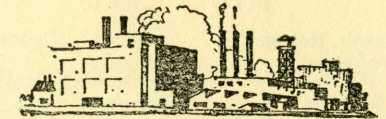
### ELECTRIC SERVICE COMPANIES

Automatic Switching Equipment	Outdoor Substations
Capacitors	Panelboards, Nofuze
Circuit-Breakers	Porcelain Insulators
Cutouts and Fuses	Rectifiers, Power Rectigon and Rectox Rectifiers
Fans	Regulators
Frequency-converters	Relays
Generators	Safety Switches
Instruments & Meters	Steam Turbines
Insulating Materials	Stokers
Insulators	Supervisory Control
Line Material	Switches, "De-ion" Breaker
Lighting Equipment	Switchgear
Lightning Arresters	Synchronous Condensers
MAZDA Lamps	Synchronous Converters
Meters, Outdoor	Transformers, Surge Proof
Micarta	Turbine Generators
Motor Generators	Voltage Regulators
Motors and Control	Water Coolers
Network Protectors	
Oil Testing and Purifying Equipment	



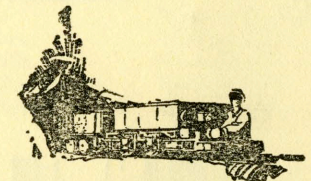
### FARMS

Cutouts	Panelboards, Nofuze
Fans, Exhaust	Portable Power Units
Floodlight Projectors	Ranges
Hot Bed Heaters	Refrigerators
Load Centers, Nofuze	Safety Switches
MAZDA Lamps	Small Light Plants
Milk Coolers	Solar Glow Heaters
Motors for Appliances and Power Purposes	Ultra Violet Lamps
Outdoor Switch Houses	Washing Machines
	Water Heaters
	Water Systems



### MILLS AND FACTORIES

Air Heaters	Locomotives—Electric, Gas-Elec., Oil-Elec.
Arc Welding Equip.	MAZDA Lamps
Automatic Starters and Controllers	Meters and Relays
Babbitt & Babbitt Pots	Motors and Control
Capacitors	Motor Starters
Circuit-Breakers	Outdoor Substations
Condensers	Panelboards, Nofuze
Cutouts	Pipe Fittings (Structural)
Fans	Power House Apparatus
Furnaces and Ovens	Power Rectifiers
Gearmotors	Safety Switches
Gears, Micarta	Solder & Glue Pots
Generating Equipment	Space Heaters
Industrial Breakers	Steam Jet Refrigeration
Industrial Heating Equip.	Steam Turbines
Insulating Materials	Stokers
Insulators	Switches, "De-ion" Breaker
Knife Switches	Switchgear
Larry Car Equipment	Thermionic Tube Control
Lighting Equipment	Transformers
Lightning Arresters	Water Coolers



### MINES

Arc Welding Equip.	Larry Car Equipment
Automatic Feeder Equip.	Lighting Equip.
Automatic Starters and Controllers	Lightning Arresters
Automatic Substations	Line Material
Battery Charging Equip.	Locomotives, Electric
Circuit-Breakers	Manual Substations
Clamps	MAZDA Lamps
Fans	Meters & Instruments
Gears and Pinions	Micarta
Heating Apparatus, Elec.	Motor Generators
Headlights	Motors for All Applications, Surface and Underground
Insulating Materials	Outdoor Substations
Insulators	

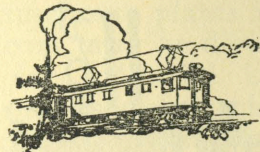
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## WESTINGHOUSE INDUSTRIAL APPARATUS

### MINES (Cont'd)

Panelboards, Nofuze  
Portable Substations  
Relays  
Safety Switches  
Switchgear

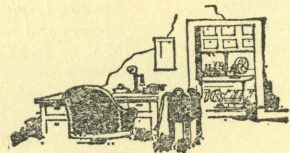
Switches, "De-ion"  
Breaker  
Synchronous Converters  
Transformers  
Ventilating Outfits



### RAILROADS

Air Conditioning Equip.  
Arc Welding Equipment  
Automatic Substations  
Babbitt, Solder & Pots  
Baking Ovens  
Battery Charging Equip.  
Cars—Multiple-Unit,  
Gas-Elec., Oil-Elec.  
Circuit-Breakers  
Cooking Equipment  
Control Apparatus  
Fans  
Gears and Pinions  
Generators  
Headlight Equipment  
Heating Apparatus, Elec.  
Instruments  
Insulating Materials  
Insulators  
Lighting Equipment  
Lightning Arresters

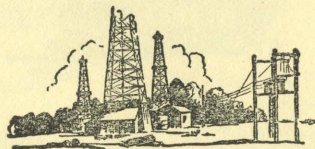
Line Material  
Locomotives—Electric,  
Gas-Elec., Oil-Elec.  
Manual Substations  
MAZDA Lamps  
Micarta  
Motors and Control  
Outdoor Substations  
Panelboards, Nofuze  
Power House Apparatus  
Safety Switches  
Signal Equipment  
Switches, "De-ion"  
Breaker  
Stokers  
Supervisory Control  
Switchgear  
Track Snow Melters  
Tractor Welders  
Transformers  
Yard Lighting Equip.



### OFFICES AND STORES

Air Conditioning Equip.  
Air Heaters  
Bread-baking Ovens  
Elevators and Control  
Fans  
Humidifiers  
Lighting Equipment  
MAZDA Lamps  
Meters  
Meter Service Breakers  
Micarta Panels and  
Desk Tops

Motors for  
Adding Machines  
Addressing Machines  
Coffee and Meat  
Grinders, etc.  
Envelope Sealers  
Fans and Blowers  
Pumps  
Panelboards, Nofuze  
Refrigerating Equipment  
Safety Switches  
Switches  
Water Coolers



### OIL FIELDS

Arc Welding Equip.  
Change House Heaters  
Floodlight Projectors  
Gear Units  
Heat Exchangers  
Instruments  
Insulators  
MAZDA Lamps  
Motors and Control  
Outdoor Substations

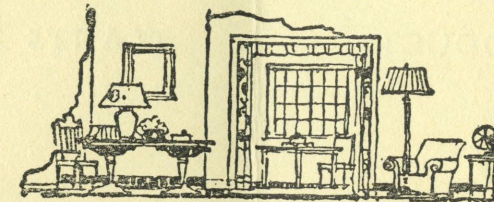
Panelboards, Nofuze  
Reflectors  
Rig Lighters  
Safety Switches  
Small Light Plants  
Switches, "De-ion"  
Breaker  
Transformers  
Vapor-proof Fixtures

Air Conditioning Equip.  
Appliances, Electrical  
Bearings, Micarta  
Circuit-Breakers  
Condensing Equipment  
Deck Winch Motors  
Eng. Room Auxiliaries  
Fans  
Generating Equipment  
Heating Apparatus, Elec.  
Instruments  
Insulating Materials  
Lighting Equipment  
Motors and Control  
Micarta Paneling

Ovens, Ranges and  
Galley Equipment  
Panelboards, Nofuze  
Propulsion Equipment  
Diesel-Electric  
Geared Turbine  
Turbine Electric  
Refrigerating Equip.  
Safety Switches  
Small Light Plants  
Switchgear  
Switches, "De-ion"  
Breaker  
Trays, Micarta

## WESTINGHOUSE PRODUCTS FOR THE HOME

**L**ONG a leader in household apparatus, Westinghouse Electric & Manufacturing Company is continuously strengthening its position in the field of electrically operated devices for the home. A partial list of products follows:



### EVERY HOUSE NEEDS WESTINGHOUSE

Air Conditioning Equip.  
Air Heaters  
Aquarium Heaters  
Auto Engine Heaters  
Coffee Makers  
Curling Irons  
Duster Cleaners  
Fans, Desk and Exhaust  
Food Mixers  
Hand Vacs  
Hot Bed Heaters  
Hot Plates  
Humidifiers

Ironers  
Irons  
Lighting Fixtures  
Load Centers, Nofuze  
MAZDA Lamps  
Meter Service Breakers  
Motors for  
Buffers and Grinders  
Ironers and Washers  
Refrigerators  
Sewing Machines  
Vacuum Cleaners  
Newel Posts

Panelboards, Nofuze  
Paneling, Micarta  
Percolators  
Ranges  
Rectox Chargers for  
Automobile and  
Radio Batteries  
Rectox Trickle Chargers  
Refrigerators  
Safety Switches  
Sandwich Grills  
Small Light Plants  
Solar Glow Heaters

Table Stoves  
Trays, Micarta  
Tumbler Water Heaters  
Turnover Toasters  
Ultra Violet Lamps  
Urn Sets  
Vacuum Cleaners  
Waffle Irons  
Washing Machines  
Warming Pads  
Water Heaters  
Water Systems  
Wiring Devices

★ ★ ★  
★ ★

For information and literature on all Westinghouse products, see the Westinghouse dealer in your community, the District Office nearest you, or address Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa.

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**PLANTS AND PRODUCTS**

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