

## Equipment and Supplies

### Locomotives

CHOSEN-SANGYO RAILROAD.—See Mitsui & Co.

THE KANAWHA & HOCKING COAL & COKE COMPANY, Cleveland, Ohio, is inquiring for one Mikado type locomotive.

THE ATLANTIC REFINING COMPANY has ordered one 0-4-0 switching locomotive from the Baldwin Locomotive Works.

MITSUI & COMPANY, 65 Broadway, New York City, are inquiring for four 2-6-2 type tank locomotives for the Chosen-Sangyo Railway, Japan. This firm is also inquiring for four other tank locomotives for export to Japan.

### Freight Cars

THE ATCHINSON, TOPEKA & SANTA FE is inquiring for 200 flat cars.

THE ERIE is receiving prices for the conversion of 498 coke cars to box cars.

THE NEW YORK, CHICAGO & ST. LOUIS is inquiring for 10 underframes for caboose cars.

MITSUI & COMPANY, 65 Broadway, New York City, are inquiring for 80 dump cars, for export.

THE UNION RAILROAD will have 100 Clark dump cars built in the shops of the Greenville Steel Car Company.

THE PAN AMERICAN PETROLEUM COMPANY has ordered 10 tank cars of 10,000 gal. capacity, from the American Car & Foundry Company.

THE NEW YORK, NEW HAVEN & HARTFORD contemplates having about 2,000 freight cars repaired in the shops of the Keith Car & Manufacturing Company.

### Passenger Cars

THE LEHIGH & NEW ENGLAND is inquiring for one private car.

THE LACKAWANNA & WYOMING VALLEY is inquiring for 10 cars for passenger service.

THE SOUTH AFRICAN RAILWAYS are inquiring for 50 narrow gage, third class coach and sleeping cars.

### Iron and Steel

THE SEABOARD AIR LINE has received bids for 250 tons of steel for a bridge to be built over Lynch's river, South Carolina.

THE ST. LOUIS-SAN FRANCISCO has ordered 357 tons of structural steel for shops at Lindenwood, Mo., from the Spuck Iron & Foundry Company.

THE MISSOURI PACIFIC has ordered 375 tons of structural steel for one 208 ft. through riveted steel truss span from the Virginia Bridge & Iron Company.

THE ILLINOIS CENTRAL has ordered 1,100 tons of structural steel for grade separation work in the vicinity of Forty-first street, Chicago, from the American Bridge Company.

### Machinery and Tools

THE ST. LOUIS-SAN FRANCISCO has placed an order for a 600-ton, 96-in. wheel press.

THE DENVER & RIO GRANDE WESTERN has placed an order for a 90-in. driving wheel lathe.

THE SOUTHERN PACIFIC has placed orders for a 200-ton locomotive lifting crane and a 215-ton crane for its Los Angeles shops.

THE NORFOLK & WESTERN, reported in the *Railway Age* of June 9 as inquiring for about 45 shop machine tools, has placed orders for a number of tools including a 73-in. boring mill, axle lathe, 42-in. boring mill and 600-lb. hammer.

### Signaling

THE ATLANTIC COAST LINE has ordered from the General Railway Signal Company material for the installation of automatic train control, intermittent induction type, on its line, double track, between Falling Creek, Va., and Dunlop, 14 miles. This section is now equipped with automatic block signals and the train control apparatus is to be installed by the railroad company's forces.

### Hall Searchlight Signals on the New York Central

The New York Central has ordered from the Hall Switch & Signal Co., Garwood, N. J., 267 Hall single unit "searchlight" color-light signals, together with other apparatus, and is to install the automatic block system on 109 miles of the West Shore railroad, Mohawk Division. The longest section extends from Rotterdam Junction, N. Y., westward to Harbor, near Utica, 70 miles. This work will require 155 signals, 900 relays, 200 switch controllers and other apparatus. The other section is from Amboy, N. Y., westward to Lyons, 39 miles, requiring 112 signals, 630 relays and other material.

The road has also ordered 11 of these signals and seven light signals of the marker type for installation at Dumont, N. J., on the West Shore, with other material; and seven searchlight and four marker type to be installed at Weehawken, N. J.

The "searchlight" signal is a color-light signal giving day and night indications with one light, through one white lens, the colors being produced by movable green, yellow and red glasses moved into and out of position by an electro-magnet.



Sewell Valley Locomotive Built by Lima Locomotive Works