

R. D. WOOD & CO.

PHILADELPHIA, PA., U.S.A.

**Water and Gas Works Supplies,
Cast Iron Pipe and Castings,
Mathews Hydrants and Valves,
SUCTION PRESSURE GAS PRODUCERS POWER PLANTS**

MICHIGAN WHITE CEDAR
Best to Last. 150,000 Poles in Stock
100,000 Ties at our Sorting Yards

We have been in the Cedar Pole and Tie Business 28 years. 50,000 Trolley Ties at Bay City Yard

W. C. STERLING & SON CO.,—MONROE, MICH.

Yards: BAY CITY, OMER, BOYNE FALLS, CASS CITY and MONROE

POLES AND TIES

MONTREAL STEEL WORKS, Ltd.

Manufacturers of

Steel Castings

Acid Open Hearth System

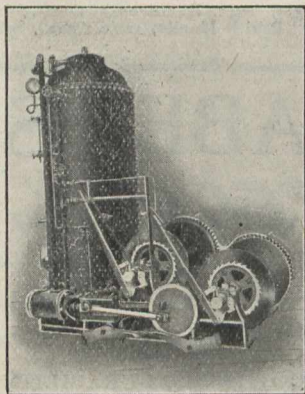
**SPRINGS, FROGS, SWITCHES, SIGNALS,
FOR STEAM AND ELECTRIC RAILWAY**

**Canal Bank, Point St. Charles,
MONTREAL.**

JEFFREY

COAL CUTTING—ELEVATING—CONVEYING—WASHING
MACHINERY—POWER TRANSMISSION—SCREENING—
CRUSHING—DRILLING—HAULING—Write for Catalogs Series
"U" and mention subjects in which you are especially interested.

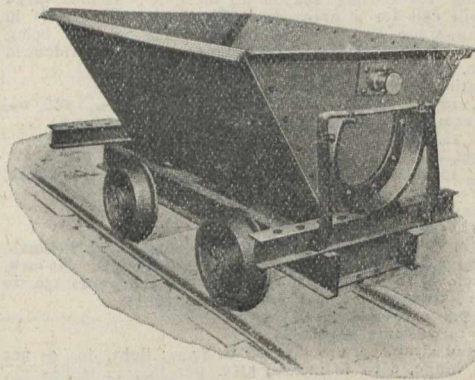
THE JEFFREY MANUFACTURING CO., MONTREAL, QUE.



**STEAM
HOISTING
ENGINES
AND
DERRICKS
AND
CONTRACTORS'
MACHINERY**

Address:

**THE ROBERTSON MACHINERY CO., LIMITED
WELLAND, ONT.**



**STEEL
CARS**

**Trucks of
all Kinds**

**Rock
Crushers
and Pul-
verizers**

**Concrete
Mixers**

**Senator Mill
Mfg. Co.
GALT, ONT.**

WHEN WRITING TO ADVERTISERS

You will confer a favor on both advertiser and publisher
by mentioning this paper.

(Continued from page 7.)
tain a greater depth for the increasing mammoth liners frequenting the port. An idea of her proportions may be obtained by comparison between the already large dredgers in the service of the board, whose greatest capacity is 3,500 tons dredged in an average of 55 minutes, whilst the Leviathan will dredge almost three times as much (10,000 tons) in the same time. Her principal dimensions are 465 feet 9 inches by 69 feet by 30 feet 7 inches moulded, with a loaded draft of 23 feet and a displacement with a full load of about 18,000 tons. Her twelve hoppers, with a capacity of 180,000 cubic feet, are fitted with Lyster's patent valves, having an opening 5 feet 6 inches in diameter through the bottom of the vessel. Each valve is of a tapered cylindrical form, extending the full depth of the hopper, with open-bottomed valve at the lower edge, and having a lift of four feet, the whole being designed for the quick discharge of sand. For the purpose of rapid suction she is fitted with four centrifugal pumps, each 42 inches, to which are coupled four sets of inverted vertical triple-expansion engines. The pumps are connected to the special suction tubes, measuring 90 feet by 42 inches diameter, and are capable of working at a maximum depth of 70 feet. Her propelling engines will give her a speed of 10 knots when loaded, and consist of two sets of inverted vertical triple-expansion surface-condensing engines, each 22½ inches by 37 inches by 61 inches cylinders, and 45 inch stroke, with an indicated horse power of about 3,500.

DOMINION BRIDGE CO., LTD., MONTREAL, P. Q.

BRIDGES

TURNABLES, ROOF TRUSSES

STEEL BUILDINGS

ELECTRIC & HAND POWER CRANES

Structural METAL WORK of all kinds

BEAMS, CHANNELS, ANGLES, PLATES, ETC., IN STOCK