

The machine shops of the Stuart Machinery Company, Winnipeg, were damaged to the extent of \$10,000 by fire.

The Green Fuel Economizer Company recently supplied an induced draft-fan and economizer to the Imperial Paper Company, Sturgeon Falls, Ont.

The Edmonton Lumber Company, capitalized at \$60,000, has been incorporated, and will erect a mill at Strathcona, having a capacity of 40,000 feet daily.

The John Harrison & Sons Company, Limited, have ordered a standard duplex pump from the Smart-Turner Machine Company, Limited, Hamilton, Canada.

The new Empire elevator, which is to be built this spring, and for which the Barnett & McQueen Company have the contract, will be built in Port Arthur.

The American Steel Dredge Works, Logansport, Indiana, which were organized by James P. Karr and John D. Rauch, now have their complete plant in operation.

The Northumberland Paper & Electric Company have recently ordered a standard duplex pump from the Smart-Turner Machine Company, Limited, Hamilton, Ont.

The latest American firm to announce their intention of establishing a Canadian branch for the manufacture of their goods is Sargent & Company, of New Haven, Conn., the largest hardware firm in that state. Representatives of the company are to tour Canada.

The Pittsburgh Reduction Company are installing four Morgan Continuous Gas Producers for calcining aluminum ore in their rotary kilns at East St. Louis, Ill. These producers are to replace a battery of the old style hand-fed type.

The new factory of the International Acheson Graphite Company on Battery Street, Niagara Falls, is now in operation. The factory contains ten electric furnaces, and will be run to supply the Canadian trade. The electrical equipment cost \$35,000.

The Smart-Turner Machine Company, Limited, Hamilton, Canada, have received an order from A. Davis & Sons, Kingston, for one of their duplex power pumps.

The White Sewing Machine Company, of Cleveland, Ohio, is seeking a location for a Canadian branch, in order to overcome the disadvantages of paying duties of 30 per cent. on sales in the Dominion. Its factory will employ about 300 hands.

Plans have been announced for the enlargement of the Carnegie Steel Company on an enormous scale, involving an investment of about \$7,000,000. The new mills and furnaces, it is said, will find employment for several thousand additional men.

The Canada Glue Company, Brantford, who are putting in one of the most up-to-date glue factories in America, after careful consideration, have placed their order with the Smart-Turner Machine Company, Limited, Hamilton, for their full equipment of pumps.

The conditions which are rapidly driving large manufacturing interests from the United States to Canada are to be considered within a few days by the Illinois Manufacturers' Association. Reports just gathered show that 132 of the leading concerns of the country have been obliged chiefly on account of tariff restrictions, to establish branch plants in Canada. The resulting loss financially is estimated at upwards of \$50,000,000.

A conspicuous departure in the lighting of canals is that of the Welland canal, near St. Catharines, Ont. Over 600 A.C. series arc lamps have been provided by the Canadian Westinghouse Company, and these have been in operation for the past few months, and have given splendid service. This installation as a whole redounds great credit to the Ontario Government, as well as to the consulting Engineer, Mr. R. J. Parker, under whose direction the complete plant was installed.

The American-Abell Engine & Thresher Company will build a large addition to their warehouse at Regina, Sask.

The Jenckes Machine Company have recently ordered an independent jet condenser from the Smart-Turner Machine Company, Limited, Hamilton, Canada.

It is understood that the United States Steel Company are about to build a \$10,000,000 steel plant at Sandwich, Ont.

The plant of the International Acheson Graphite Company is now installed in the new building at Niagara Falls. The electrical equipment cost about \$30,000. From 200 to 250 H.P. will be used. The plant will employ about a dozen men.

It is estimated that the aggregate timber cut this season will be 800,000,000 feet of board measure; that 125,000 cords of pulp-wood will be taken out, and 2,500,000 railway ties. Last season 1,986,000 railway ties were cut. The great amount of railway construction now in progress has made the demand for ties very brisk.

An exhibition of British manufacturers will be held in Alexandria and Cairo between the months of November, 1906, and February, 1907, and it is proposed that the duration of the exhibition will be about one month in each city. Probable exhibitors are requested to send their names in to the British Manufacturers' Exhibition in Egypt, Alexandria, P. O. Box 423.

John F. Allen, 370-372 Gerard Avenue, New York, report sales of their well-known "Allen" riveters during December as follows: American Car & Foundry Company, three riveters; Scully Steel & Iron Company, three riveters; Berger-Carter Company, two riveters; Mitsui & Company, two riveters; Snare & Trieste, one riveter; Pettibone, Muliken Company, one riveter; Buffalo Brake Beam Company, one riveter; Schreiber & Sons Company, one riveter.

The Westinghouse Machine Company, of East Pittsburgh, Pa., have sold during the past few weeks 1,247 H.P. of their vertical gas engines to the following customers: A. Zimmerman, McKeesport, Pa.; Edgeworth Water Co., Edgeworth, Pa.; W. R. Morrow, Peru, Kan.; Standard Oil Co., Camden, N.J.; McClintic-Marshall Construction Co., Rankin, Pa.; Warren & Jamestown Street Railway Co., Warren, Pa.; The Wehrle Company, Newark, Ohio; Wm. R. West, New Bedford, Mass.; Sewickley Electric Light Co., Quaker Valley, Pa.; Youngstown Car Mfg. Co., Youngstown, Ohio.

An important order recently secured by the Canadian Westinghouse Company was obtained from the Vancouver Power Company, of Vancouver, B. C. This order included a 1500 H.P., 2200 volt revolving field engine type generator, which will be direct connected to a Pelton water wheel. This is a duplicate of the generators now in operation in the power plant of this company, and will operate in multiple therewith. The order includes switch boards, air blast transformers of 550 K.W. capacity. There is also included in the order a 1000 K.W. 60 cycle rotary converter to operate 550 volts. This converter will furnish power for railway work and will be controlled direct from the switchboard.



## MARINE NEWS.

Three new passenger steamers propelled by twin screws and costing about a million dollars, are to be added to the fleet of the Richelieu and Ontario Navigation Company.

Mr. Frederic Nicholls, president of the Niagara, St. Catharines Railway and Navigation Company, announces that he will put a new boat on the Port Dalhousie line for the season of 1907.

William Cunard, son of Samuel Cunard, one of the founders of the Cunard line, died in London on January 11th. He was 81 years old.

The new Canadian Pacific steamships for the Atlantic line will be fitted up with the new appliances for receiving sound signals through the water. At important points in the St. Lawrence River submarine bells have been placed, which in thick or foggy weather are sounded automatically by pneumatic pressure.