

# Manufacturing.

*This department of the "Canadian Manufacturer" is considered of special value to our readers because of the information contained therein. With a view to sustaining its interesting features, friends are invited to contribute any items of information coming to their knowledge regarding any Canadian manufacturing enterprises. Be concise and explicit. State facts clearly, giving correct name and address of person or firm alluded to, and nature of business. Subscription \$1.*

THE first locomotive boiler built entirely in Stratford was turned out of the Grand Trunk railway shops a few days ago.

THE Miramichi Telephone Company is being incorporated at Chatham, N.B., for the purpose indicated by the name.

THE capital stock of the British Columbia Iron Works Company, Vancouver, B.C., will be increased from \$100,000 to \$250,000.

THE Galt Electric Lighting Company, Galt, Ont., are about establishing an incandescent electric lighting plant in that town.

A SYNDICATE of Chinese capitalists are about building an extensive rice mill on the North Arm of the Fraser river, British Columbia.

THE Thermolytic Fuel Company of Canada has been incorporated at Napanee, Ont., with a capital of \$12,000.00 to manufacture gas fuel, etc.

THE Deseronto Company has been incorporated at Montreal with a capital stock of \$50,000, to manufacture fire-proofing, fire brick, drain pipes, etc.

MESSRS. JAMES ROBERTSON & Co., manufacturers of lead pipe, saws, etc., Toronto, are proposing to establish a branch of their works at Vancouver, B.C.

THE Northwest Wire Company is being organized at Winnipeg, Man., with a capital stock of \$50,000 to manufacture wire fencing, barb wire, wire nails, wire staples, etc.

THE Chatham Electric Light Company, Chatham, N.B., is being incorporated with a capital stock of \$20,000, for the purpose of establishing an electric light plant in that city.

MESSRS. JAMES PUNCH AND F. G. STRICKLAND, New Westminster, B.C., are about building a large and thoroughly model woolen mill, which is expected to be in operation early next spring.

THE new electric light works at Chatham, N.B., are nearly ready to be put in operation. The Chatham Electric Light Company, who own these works, was recently organized with a capital stock of \$20,000.

MR. E. INGLETON, Brantford, Ont., has invented a binder which will bind all kinds of grain with straw taken from the sheaf, while being cut. This machine will probably be placed on the market, in time for next year's harvest.

CAPTAIN NOONAN, of Kingston, Ont., will build during the winter a new steamer for the route between that city and Montreal. She will be engaged in the grain trade, will have capacity to carry 39,000 bushels, and will cost \$15,000.

MESSRS. ROBERT MITCHELL & Co., brass founders, Montreal, and the Toronto Radiator Company, Toronto, have opened a branch of their establishments for the sale of their goods in Vancouver, B.C., under the direction of Messrs. Muir & Boyd.

THE Toronto Drop Forge Company, whose place of business has heretofore been at 68 Esplanade West, Toronto, are about removing into their new factory at New Toronto, a manufacturing suburb of this city. Their building is 202x46 feet with annex 50x30 feet.

MESSRS. MCGUIRE & DRYDEN, manufacturers of flour mill machinery, are building a Noble & Snyder patent curved seive scalper and grader for the flour mill of the Citizens' Milling Company, Toronto. This, they say, will be the first machine of this kind ever used in Canada.

MESSRS. J. & A. BERTRAM, proprietors of the Toronto Steel Works, inform us that they are now manufacturing steel castings weighing up to 500 pounds. They are about enlarging their capacity by the addition of new furnaces, when they will be prepared to accept orders for steel castings up to 2,000 pounds.

MESSRS. GAST & Co, Toronto, are manufacturers of mineral wool steam pipe and boiler covering, for which they give the assurance that it is absolutely fire-proof, being the best non-conductor known. They offer to guarantee that it saves more fuel and gives higher steam than any other covering offered. Catalogues sent on application.

THE cost of electric as compared with steam power is most favorable for the former in the case of some wharf cranes on a London dock. A 10-ton and a 2-ton steam crane required for their operation \$1,250 worth of coal per year, steam being required night and day. The cranes were fitted with electric gear at a cost of \$1,500. A gas-engine drives the dynamo, cranes, a chaff-cutter, a corn-cruiser and a common friction-hoist, at an expense of \$280 for the year.

THE Toronto Drop Forge Company, New Toronto, have contracted with the Merrill Surface Cattle Guard Company, Toronto, to manufacture for them all the Merrill patent cattle guards they may require in filling orders. The Merrill Company have contracted with both the Grand Trunk and Canadian Pacific Railways to supply all the cattle guards they may require along the lines of both these roads, and the Drop Forge Company have a big job ahead of them to supply this demand.

It was recently stated in these pages that the Northey Manufacturing Company had been organized in this city, to take over and extend the business of Messrs. Northey & Co., manufacturers of steam engines and machinery, boilers, pumps, etc. This transfer has been made, and the new concern are now putting into their works some \$10,000 worth of new machinery and otherwise preparing to at least double their output. Mr. J. P. Northey is general manager and Mr. H. S. Pell secretary-treasurer.

THE Albion Iron Works Company have contracted with the E. & N. Railway Company to deliver a new and thoroughly first-class steamer for the Comox route by July 1st next. This boat, upon the frame of which work has already been commenced, will be by far the largest and most powerful ever built in British Columbia. The dimensions of the new steamer are in brief: Length over all, 180 feet; breadth of beam, 40 feet; depth of hold, 12 feet. She will derive her motive power from twin screw propellers, and will be very similar in appearance to the *City of Kingston*.—Victoria, B.C., *Colonist*.

ALLUSION was recently made in these pages to the launch of the steamer *Constance*, built by the Polson Iron Works Company, of Toronto, at their ship yards at Owen Sound. The *Constance* was built for the Dominion Government for service in protecting the fishing interests in the Upper Lakes. She has been transferred to the Customs department and will do service in preventing smuggling on the St. Lawrence below Montreal. The Government have contracted with the Polson Iron Works Company to build a similar vessel for the fishery service for which the *Constance* was originally intended. The new vessel will be modelled on the lines of the *Constance*, except that she will be of lighter draught and necessarily greater beam. She will possess, however, equal carrying capacity and equal speed and will be built entirely of steel.

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