

The Dominion Iron & Steel Co., Sydney, C.B., have shipped 2,000 tons of pig iron to the United States.

The Wire & Cable Co., Montreal, will erect a large factory for the manufacture of wire cable.

The Canada Sugar Refining Co., Montreal, will erect an immense refinery at Baden, Ont.

The Canada Wood Specialty Co., Orillia, Ont., will erect two new buildings in connection with their present factory.

The Toronto City Treasurer has received a cheque for \$12,754.25 as the city's share of the Toronto Street Railway Co's earnings for September, which was the greatest month in the company's history. The September receipts in the past four years, and the city's percentage of the same have been:—

	Receipts.	Percentage.
1898....	\$136,254.72	\$10,900.37
1899....	140,279.67	11,222.37
1900....	149,386.33	11,950.91
1901....	159,428.12	12,754.25

The machinery for the manufacture of steel shells has arrived at Quebec and will be placed in position immediately in the Government factory, which will commence at once to manufacture steel shells.

The directors of Belmont gold mine, near Madoc, Ont., will develop the water power owned by the company. An immense air compressor will be installed at the dam and compressed air will be conveyed to the mine in iron pipes.

The Cordova Mining & Exploration Co., owners of the Belmont gold mine in Hastings county, will increase their mill of 30 stamps to a capacity of 100 stamps.

The Mica Boiler Covering Co., Montreal, inform us that they have lately been appointed sole agents for Canada for the sale of Straus' Boiler Compound, "Boilerine," which, they believe, will be a valuable addition to their mill supply department. They will keep a quantity of Boilerine in stock in convenient size packages and will therefore be able to fill orders promptly.

A track-laying machine, which can lay one mile of ties and rails per hour, recently built at the Canadian Northern Railway shops in Winnipeg, Man., at a cost of about \$4,000, is the invention of Hugh Mann, the well-known contractor.

It has been working very satisfactorily in the laying of the tracks for the new Canadian Pacific Railway yards at Fort Rouge.

The new flour mills of the Clergue syndicate at Sault Ste. Marie, Ont., will have a capacity of 4,000 barrels per day. It is expected that the output will be shipped directly to England in the vessels belonging to the syndicate.

Ludlam's sash and door factory, Leamington, Ont., was destroyed by fire October 16. Loss about \$10,000.

The Canada Atlantic Railway Co. will erect next year a steel grain elevator at Depot Harbor, Ont., with a capacity of 2,000,000 bushels, at an estimated cost of \$500,000.

The spice mill of Dalton Bros., Toronto, was badly damaged by fire October 17. Loss about \$8,000.

Prof. R. A. Smart has resigned his position in the department of experimental engineering of Purdue University at LaFayette, Ind., and connected himself with B. F. Sturtevant Co., Boston, Mass., with whom he will become the head of a department of experimental engineering which is being established for the purpose of investigating all problems relating to blower practice and of developing new and more efficient applications of the fan blower in all lines of industry.

The Standard White Lime Co., Toronto, has been incorporated with a capital of \$300,000, to manufacture lime, sandstone, cement, etc. The provisional directors include D. D. Christie and R. E. Nelson, both of Guelph, Ont., and Thos. Christie, Toronto.

The Standard Vinegar Co., Toronto, has been incorporated with a capital of \$40,000, to manufacture vinegar, etc. The provisional directors include W. C. Mackenzie, Donald Fraser and W. A. Mackenzie, all of Toronto.

Alexander Main & Son's rope factory, Hamilton, Ont., was destroyed by fire October 22. Loss about \$15,000.

The Columbia Clay Co., Columbia, B.C., has been incorporated with a capital of \$50,000, to manufacture bricks, etc.

The British Columbia Pulp & Paper Co., Victoria, B.C., has been incorporated with a capital of \$500,000, to manufacture wood pulp and paper.

The Toronto Liquid Carbonate Co., Toronto, has been incorporated with a capital of \$100,000 to manufacture carbonic acid gas, etc. The provisional directors include Thomas Davies, T. A. Davies and Michael Herman, all of Toronto.

Work is now under way upon the foundations for the immense new plant of the B. F. Sturtevant Co., at Hyde Park, Mass. That the buildings can be completed none too soon for the urgent needs of the company is evidenced by the fact that their present plant at Jamaica Plain, Mass., is now taxed to the limit and that it has been necessary to run overtime, particularly in the engine and electrical departments.

The Canadian Skewer Co., Toronto, has been incorporated with a capital of \$50,000, to manufacture skewers, curtain poles, broom, spade and other handles, etc. The provisional directors include Fred. Mallison, R. D. Harling and Arthur Gate, all of Toronto.

The Globe Paint Co., Toronto, has been incorporated with a capital of \$40,000, to manufacture paints, oils, varnishes, etc. The provisional directors include Henry Coventry, J. E. Webb and J. R. L. Starr, all of Toronto.

The Ontario Type Machine Co., Toronto, has been incorporated with a capital of \$10,000, to manufacture machines for type-casting, type-composing, etc. The provisional directors include John Greer, G. L. Smith and R. H. Greer, all of Toronto.

Victoria Lake, Limited, Stratford, Ont., has been incorporated with a capital of \$30,000, to generate water power, etc. The provisional directors include G. G. McPherson and J. P. Woods, both of Stratford.

The modern up-to-date smith shop in a large manufacturing plant is something more than a mere collection of forges. As exemplified in recent important installations made by the B. F. Sturtevant Co., Boston, Mass., it includes not only the forges with the necessary hoods, but a pressure blower with the required blast piping to all of the forges and an exhaust fan for the removal of the smoke through another system of piping. This latter feature represents one of the latest improvements, the value of which is demonstrated by the clear, smokeless atmosphere

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