

THE HAMILTON BLAST FURNACE.

The furnace of the Hamilton Blast Furnace Company is to be practically rebuilt and many valuable improvements made, regarding which The Spectator says:

The smelting works people a short time ago had an expert here for several days making a thorough examination of their furnace, and his report, which contained some very unpalatable news, was considered yesterday by the directors. The expert says that the furnace has practically to be rebuilt, and the company must erect another stove and put in another blowing engine, at a cost to them of at least \$50,000. Mr. Wilcox has gone to Philadelphia to make a contract with an engineering company there for this work, and as soon as the material is on the ground and the contractors are ready, which it is expected will be within the next two months, the furnace will have to be closed down for thirty days to allow the repairs and additions to the plant to be made. The life of a furnace, like that of a man, is most uncertain. They have been known to last for seven years, although frequently three to four years is the limit. While they are about it, as the expense is not much more, the company will enlarge

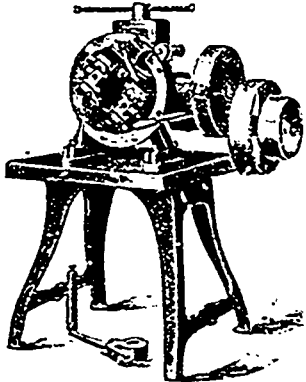
the bosh so that the furnace will have an ultimate capacity for turning out 250 tons of iron per day. It was originally built to make 200 tons, but the company found that there was no market for more than 100 tons, and so reduced the size of bosh about two years ago to produce that amount. The new steel plant will consume about fifty tons a day, and, as owing to the great scarcity of iron in the United States, there is at present a larger demand for the company's product, the directors consider it good business to have the plant put in shape to produce the greatest amount it is capable of. The directors think they can sell 150 tons per day while the present boom lasts, and Hamilton will then have a furnace capable of turning out 90,000 tons of iron per year, more than has ever been used in Canada in one year.

The Bridge and Tool Company has completed the new buildings for the steel works, and will commence its construction within a few days, and the company hopes to have the steel plant going by the time the furnace is put in blast, after the contemplated repairs are made.

It is said that an immense pulp mill is to be erected next spring in the neighborhood

of Ottawa, on the Gatineau River, to have a capacity of about 300 tons of pulp per day. The machinery, most of which has been ordered, and a great part already completed, is of American make, and is in every respect of the most scientific and modern manufacture. The product of the mill will include book and newspaper, fine paper, manila paper, and bleached sulphite paper for railing. When running at full time the mill will employ from 1,800 to 2,000 workmen, and the cost of its establishment will be between \$5,000,000 and \$6,000,000. It is expected by the promoters of the scheme that the mill will be in operation by next autumn. British capital is behind the enterprise. Negotiations are on foot for acquiring 3,000 miles of spruce limits on the Upper Gatineau, with a view to supplying the proposed mill with raw material.

Among the shipments made recently by the Goldie-McCulloch Co., Galt, Ont., were two gas engines, one large banker's safe, a large Waukegan engine to the Berlin, Ont., Rubber Co., one gyrator to a flour mill at Amherstburg, Ont., two cars of sugar machinery to Mexico, two cars of machinery and several express boxes to St. John, N.B., and two heavy vault doors.

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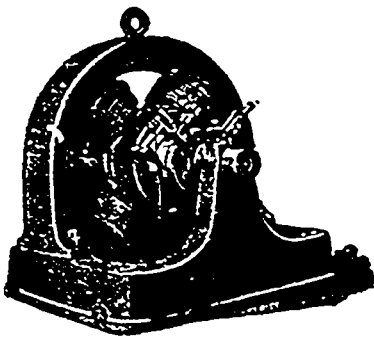
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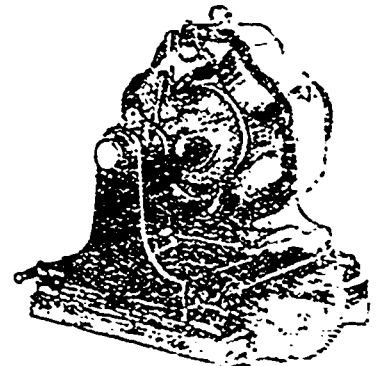
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