

MESSRS. MILLER BROS. & MITCHELL, Montreal, are just completing a large order for the St. Lawrence Sugar Refining Co. The work consists of thirty pieces of machinery, and will cost \$49,500. Amongst other orders recently filled by them is a two hundred and fifty pound Beaudry Upright Hammer, (to which attention is called in our advertising pages,) for B. J. Coghlen, Montreal. They have recently placed one of their largest and best steam elevators in the new premises of the Canada Jute Co., Montreal.

THE Permanent Exhibition of Manufactures, Toronto, recently issued a very beautiful chromo-lithographic view of the interior of their exchange, conveniently mounted as a hanger, and intended for office use and ornamentation. They have now had the same reproduced as an ordinary business card, in which the same points of excellence are observed as are seen in the larger affair, even to the minutest details and colors, and is indeed a very neat card. It was gotten up by the Toronto Lithograph Company, this city.

THE Gas Consumers' Benefit Company of Canada, Montreal, are engaged in the manufacture of the "Jackson Gas Burner," which they claim to be the greatest gas economizer ever invented. With this burner there is no need of a metre governor, as the pressure is controlled at the point of ignition instead of at the metre. They invite any one to make a free test trial on any premises. They are open to receive contracts for dwellings, stores, factories, churches, halls, etc. Mr. G. W. Gaden is the manager for the company.

THE Ball Electric Company, Toronto, manufacturers of electric apparatus for all purposes, call attention to the fact that the electric lighting of flour mills continues on the increase, and is being steadily reduced in cost. Time was when none but the more wealthy millers could afford an incandescent outfit, but now many find they can reduce expenses by putting them in their mills. The fire insurance companies call on all millers who are still enduring the semi-darkness and constant danger of kerosene lamps or gas-jets to bestir themselves and find out how safe and economical a thing the electric light now is.

THE patents for the new improvement in roller mills, owned by W. F. Cochrane and V. E. Fuller, have been capitalized in Escanaba, Mich., for \$400,000, one half of which sum goes to Mr. Cochrane and Mr. Fuller. At a meeting of the company held at Escanaba this week Messrs. Cochrane and Fuller were both elected to the board of directors, and subsequently Mr. Fuller was elected president, and Mr. Cochrane vice-president of the company. The largest stockholder is Hon. J. H. McDonald, a millionaire of Escanaba, who is also lieutenant-governor of the State of Michigan.—*Hamilton (Ont.) Spectator*.

THE Vancouver City Iron Works is now almost ready for operation. A number of different machines have been placed in position and the others are being put up as fast as they arrive. The cupola is already erected and is only waiting the arrival of fire brick from Nanaimo to be complete. A quantity of fine moulding sand has been discovered within a reasonable distance and all branches of casting will soon be done. It is the intention to erect a large wharf in connection with the works so that vessels will be able to load directly. It is expected that the works will be in full running order by May 1st.—*Vancouver, B.C., News*.

MR. COULTHARD, of Messrs. Coulthard, Scott & Co., said, in reply to a few remarks made by the editor of this paper at the council meeting last Wednesday, that his price for seeders was \$85, but if a farmer came to the shop they could buy one for \$45. The *Reformer* published the remark and there was such a rush for bargains that in a short time there was not a spare machine left on the premises, good or bad. Mr. Coulthard informs us that three machines were sold the same day. Most of the machines sold were second-hand, yet farmers are willing to pay \$45 for them as they are becoming well acquainted with the now famous Champion.—*Oshawa Vindicator*.

MESSRS. W. BELL & CO., Guelph, Ont., in a very attractive card to be seen elsewhere in these pages, announce that they have commenced the manufacture of pianos, and that the instruments embrace all the best known practical improvements, in quality the best that can be produced with first-class materials and skilled labor. This industry is in connection with the manufacture of the well known "Bell" organs, commenced twenty-five years ago, a history of which has been heretofore published in these pages. The head offices and factories of Messrs. W. Bell & Co. are at Guelph, Ont., branches of the business being established at Toronto, Hamilton, and St. Thomas, Ont., Winnipeg, Man., London, Eng., and Sydney, New South Wales.

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MR. W. C. HIBBARD, Montreal, manufacturer of insulated wires, cables, instruments and electrical supplies, has sent us a circular in which is a letter written to him by a practical electric light inspector of that city, in which he says—"Some months ago I determined to give the Campbell wire a severe test, in the hope of being able to recommend it as a good wire for outside and exposed places. I made a test for leakage by keeping a couple of lengths immersed in water for twenty-two days, and at the end of that time I could get no evidence of leak through the insulation. I then made some sharp bends in the wire, but could not find that this opened the covering in the least. I suspended a sample vertically in a hot boiler room to test the running qualities of the insulation, for some samples of another wire which I had been strongly recommended to use were surrounded with an insulation which could—did—cook out, and I had no desire for further experience in that line. Your wire stood the test nobly. I am recommending your wire for out of door work, through damp cellars, laundry washrooms, kitchens and other moist places, and expect to see it put into a brewery where ammonia is used for manufacturing ice in the course of the season.