

## Manufacturing Notes.

The CANADIAN MANUFACTURER will be pleased to receive items of industrial news from its readers in all parts of the country, for publication in these columns.

Notes of new machinery, improvements, increase in capacity, &c., will be of special interest. All communications must be accompanied by the writer's name as a guarantee of good faith.

Smelting works are to be erected in Hull, Que.

Mr. John Lewis is about to establish a tool manufactory at Belleville, to which the City Council have granted exemption from taxes.

The last of the first order of ten locomotives for the Canada Pacific railway has been turned out of the Kingston Locomotive Works. These ten witnesses of Kington's mechanical skill will carry her good name very soon to the base of the Rocky Mountains.

Messrs Bordon and Barber are in Ottawa for the purpose of interviewing the Government relative to a lease of water power for the new writing paper mill at Cornwall. It is said that the new paper mill at Cornwall will be in active operation within two months.

Water was turned on and the machinery of the cotton mill started on Friday evening, within a year of the laying of the corner stone. The first cotton was run through the machinery on Monday. Everything works smoothly and satisfactorily.—*St. Croix Courier*.

Mr. Wilson, recently from St. Thomas, is erecting a large saw mill on lot 80, 8th con. of the township of Dawn, about three miles from Oil Springs. Mr. Wilson will go into business pretty extensively, and will find a market for the major portion of his production in Germany.

Mr. E. L. Hunting has opened a knitting factory at Huntingville, Que. We have seen samples of hosiery made by Mr. Hunting, and have no hesitation in recommending them as the best machine-made goods we have ever seen, and believe they are equally as good as hand-made.—*St. Brooks Examiner*.

A. Harris, Son & Co., of Brantford, intend erecting a manufactory on Cookshutt's flats, which, when completed, will be the largest factory of its kind in the Dominion. This change is necessitated owing to their present spacious premises not being large enough to accommodate their rapidly increasing business.

The Graham File Works of Toronto are being removed to more commodious premises, 150 Front-st. East. Mr. T. Graham will be found at his office, the foregoing address, with very greatly increased facilities, and is in hopes of overtaking the large orders which have been on hand for the past few months.

The Kingston *Whig* of a recent date says:—Capt. Collier has returned from a trip to the Eastern Provinces. He reports that the industries there are flourishing. At St. Stephen's a cotton mill is nearing completion. He was through the magnificent sugar refineries at Moncton. At this place a cotton mill is being erected. His own car works in Port Dover will be ready for operation in thirty days.

The enterprising firm of R. Smith & Co., Electro and Stereotypers, Toronto, have got in a complete fitting-out of the latest and most improved machines such as the Weston dynamo-electro machine, Hoe's patent moulding press, Hoe's routing machine.

This additional machinery necessitated an engine of greater power, which is being supplied by one of Jac. Doty's improved uprights.

Mr. Robinson, of the Bothwell foundry, has purchased an interest in the firm of Smale & Hasleton, and the new firm will do business in St. Thomas under the name of Smale, Hasleton & Robinson. In order to accommodate their increasing business they have purchased the Tucker & Steacy shop, on the corner of Catherine and Curtis streets, and are now fitting it up. The firm will run a machine shop, foundry and forge works.

*Hamilton Spectator*:—There arrived in this city yesterday the largest steam hammer in Canada; and its arrival was one of the direct results of the sustaining of the National Policy at the recent election. The Hamilton Forging Works waited to see the result of the election, and, finding it to have gone the right way, the big steam hammer was immediately ordered by telegraph. When the hammer gets into position it will weigh, in iron work alone, no less than twenty-five tons.

The Messrs. Crossley Bros., of Manchester, England, the manufacturers of the celebrated "Otto" silent gas engine, are now represented in this manufacture in Canada by John Doty, Toront, engine and boiler manufacturer.

The "Otto" requires but a small jet of gas, the expense of boiler and attendant being done away with.

At a comparatively small outlay a manufacturer can have in his upper room, if necessary, a perfectly noiseless and clean engine up to as great a power as 85 h.p. Mr. Doty is now making a speciality of those of from two to eight h.p.

The natural roughness of and the scarcity of roads over the prairies of our great North-West has been always a cause of inconvenience in transportation of the supplies for private and government use.

To modify this to as great an extent as possible, the matter of waggon and carriage supports has had the consideration of the authorities, and B. J. Thorne & Co. of Toronto are to supply the future conveyances of the N.-W. Mounted Police with their manufacture—the Johnston Gear. This gear has the extra advantage of the springs being very long, and the bearing upon them coming on the body dispenses with the annoying side motion and secures great ease and comfort. And another advantage, the body can be hung as low or high as may be desired.

The appearance is very light and neat, and combines the qualities of strength and durability.

The *Montreal Gazette's* Ottawa correspondent says:—"The following is one of many instances of progress in this district:—The new steam saw mill nearing completion on the Clyde in Lavant, owned by Mr. W. C. Caldwell, is one of the finest in the country. It is about 120 by 40 feet, with four boilers and one of Messrs. Graham & Beyer's best and largest engines, and closely resembles the mill in Carleton Place, owned by Boyd Caldwell at present. A track is being blasted out for about half a mile in length to connect it with the main line of the Kingston and Pembroke Railway. The grist mill owned by Mr. M. MacLaren of Osceola, was thoroughly repaired last year. Subsequently the saw mill underwent repairs also, and new machinery was put in, including a shingle and lathe machine. Business improved consequent on everything being in first-class order, and we now hear that the foundation is being built for a tub and stave factory, which is expected to be in running order for the fall trade. Though a Reformer, Mr MacLaren seems to be keeping pace with the times. The work is being principally done by Mr. John Gray, of Rankin."

Yesterday a *Gazette* reporter had occasion to make calls on a number of leading manufacturers and business men. The tour included representatives of nearly every branch of industry, and though the object of the visits was not to gain information as to the state of business, it was impossible to avoid being struck with the activity prevailing everywhere, and the volume of business which it was evident was being done. In every case employers stated, in response to incidental remarks, that they were full of work, and in the majority the difficulty was said not to be to get orders or sell goods, but to keep up with the demand. In the case of a leading boot and shoe manufacturing firm, on the reporter remarking on the busy aspect of the place, the senior member of the firm said: "Yes, we are busy. I wish almost that we were not so pushed, but the fact is we have far more orders than we can fill for some time to come." "Have you any difficulty in obtaining hands?" asked the reporter. "No, not that; we have all our building and machinery will admit of, but if we are to keep pace with our trade we must enlarge the place and make room for more." The replies obtained from a leading wholesale clothier were much to the same effect. In the office of a large ornamental iron-working establishment the proprietor responded to similar remarks by the statement that "business was very good, very good indeed, and his orders on hand would keep him well employed for some time to come." So with the agents of several woollen manufacturers. In one instance, one of these gentlemen took the reporter through a lot of newly arrived goods, pointing out the superiority of style and make over those of former years, and informed him that they were already sold with as many more yet to come, and this apart from their regular orders. In every establishment visited, without exception, the same signs of prosperity were visible, and the evidence that business is booming is indisputable.—*Montreal Gazette*.

