

A bonus of \$50,000 has been voted to the proposed steel shipbuilding company at Collingwood, Ont.

The Brantford, Ont., Co-operative Pork-Packing Co. has bought a site on which to build its factory.

Robt. Lillie, foundryman, Perth, Ont., has sold out to James Bros. The new firm will make and repair ploughs, stoves, etc. The foundry will be managed by F. Deacon.

Sproatt & Rolph, architects, Toronto, have let the contract for installation of blast system of heating, also the plumbing of the Lever Co.'s soap factory, Toronto, to W. J. Maguire & Co., Toronto.

Early in January McGill University will open a new course of instruction for graduates in medicine in Public Health. Such a step as this is most encouraging to those whose aim is the improvement of sanitary conditions.

The Chalcraft Screw Co., of Brantford, capital \$75,000, has been incorporated with the following provisional directors: E. Chalcraft, F. Chalcraft, E. L. Goold and C. Cook. Brantford, Ont., and George Randall, Waterloo, Ont.

The Department of Railways and Canals, Ottawa, is calling for tenders for constructing an additional section of the Trent canal, viz., that from Trenton to Frankton, a distance of nine miles. The work includes the deepening of the Trent river, between these two points, the construction of seven locks and seven dams.

The industries of Hamilton are steadily progressing. Among other extensions the firm of J. N. Tallman & Sons, successors to Wm. Hunter in the well known brass founding business, are now erecting an addition to their works which, when completed, will make it one of the largest and best equipped brass foundries in Canada. Among the specialties of the firm are phosphor-bronze, zinc, copper and aluminum, and bronze castings, and anti-friction metals.

In the presence of a large number of the citizens Mayor Wilson formally opened the new buildings of the Victoria Hospital at London, Ont. A massive gold key was presented to the mayor by Thos. Gillean, jeweler, and the same gentleman also presented the hospital with a magnificent solid silver tea service. The architecture is colonial, and the architect, H. C. McBride, of London, was complimented highly on the results of his work. The buildings will cost completed about \$100,000, and a saving of at least 25 per cent. was effected by letting contracts, and getting the building started last year before the rise in material took place.

At the national convention of ice manufacturers at Indianapolis, Ind., last summer, while the question of the best method of filtering was being discussed, one of the leading manufacturers made the statement that he had tried every scheme of which he had ever heard for cleansing distilled water from oil without satisfactory results, until about a year ago, when he put in an Austin Oil Separator, manufactured by the Austin Separator Co., Detroit, Mich. Since that time he has had absolutely no trouble, and has secured perfectly clear ice. As he used water distilled from exhaust steam, his experience will go far to clear up the problems which confront so many engineers who use exhaust steam, and have the troubles consequent to feeding oil in the boiler, or steam pipes where exhaust is used for heating. The Austin steam separator is also said to do equally good work in eliminating moisture from live steam.

Owing to the increase in its output the Atlantic Refining Co., Toronto, has decided that more central and commodious quarters are required. The company has leased for a term of years the premises formerly occupied by the Toronto Carpet Co. on the Esplanade at the foot of Jarvis street, and with the improved facilities for shipment, either by water or rail they will be in a much better condition for handling shipments. The Atlantic Refining Co. claims that its position in the oil trade is unique; it prides itself on being a thoroughly independent concern, outside of the combine, and its specialty is the supplying of lubricating oils made from Pennsylvania crude, and it is generally acknowledged that for the best grades of cylinder oil Canadian crude oil will not answer, the Pennsylvania stock being unrivalled for this purpose. The Atlantic Refining Co. will, in our advertising columns, deal more fully with its different wares.

Berlin, Ont., sewage disposal works are threatened by neighboring farmers with legal proceedings on account of offensive odors arising from the beds.

There having been granted \$30,000 for the rebuilding of the interprovincial bridge at Portage du Fort, Que., \$20,000 from the Federal Government and \$5,000 each from the Ontario and Quebec Governments, work upon the new bridge is now going on.

The largest contract for pipe and boiler covering given in Canada is said to be that just awarded by the Lady Superior of the Longue Pointe Asylum, Montreal, to the Clappison Pipe and Boiler Covering Co., of Hamilton, and now being filled under the supervision of J. H. Clappison of that firm. The main building is 3,000 feet long with several wings, and it will take a month to instal and complete the heating apparatus.

The offices and warehouse of the Fairbanks Co., Craig street, Montreal, are a model of order and attractive display. The show cases of machinists' tools, valves and special mechanical appliances strike the eye at once, and there are many novelties to interest the visitor. Some of these specialties of the Fairbanks Co. have been described in previous numbers, but the engineer and machinist visiting Montreal will find in the five stories of this warehouse many other things that will instruct them.

Another failure to be added to the list of bonus-hunters, is that of N. Commire, Fils & Co., foundrymen, in Maisonneuve, a suburb of Montreal. Mr. Commire was long in business in Montreal without achieving any very material success, and in 1896 moved to St. Jerome, under a bonus arrangement from that town. He remained there but a short time, and moved to Maisonneuve two years ago, making a new arrangement with the latter town. A demand of assignment has now been made upon the firm.—Monetary Times.

## Electric Flashes.

Seamen, Kent & Co., Toronto, are installing a 60 light dynamo in their factory from the works of the Jones & Moore Electric Co.

The Canadian General Electric Co. is installing an electric lighting plant of 150 light capacity for the Georgian Bay Cement Co., Owen Sound, Ont.

Jno. Penman, Esq., Paris, Ont., is installing a model electric plant for the lighting of his residence, purchased from the Canadian General Electric Co.

The Canadian General Electric Co. have closed a contract with the Imperial Oil Co., Sarnia, Ont., for a standard 40 k.w. direct current generator, direct connected to Ideal engine.

C. M. B. Lawrence, proprietor of the Oakville, Ont., Electric Light Co., has purchased from the Canadian General Electric Co. a standard single phase alternator of 1,000 light capacity.

The Canadian General Electric Co. has received an order from the Acadia Edison Co., Wolfville, N.S., for two standard 25-k.w. multipolar direct current generators with switchboards, etc., complete.

New Westminster, B.C., has contracted with the Canadian General Electric Co. for a standard 150-k.w. monocyclic generator with switchboard, etc., for the supply of light and power throughout the city of New Westminster.

Wm. Kennedy & Sons, Ltd., Owen Sound, Ont., have purchased a 500 light electric plant from the Canadian General Electric Co., consisting of a latest type, Form H., multipolar generator with marble panel switchboard and wiring material for their works throughout.

The Nelson Electric Tramway Co., Nelson, B.C., has placed an order with the Canadian General Electric Co. for its entire requirements electrically, consisting of one standard 325-k.w. railway generator with panels, one 500 h.p. three-phase revolving field synchronous motor with panels, together with full complement of cars and motors. They have also contracted with the West Kootenay Power and Light Co., Rossland, B.C., for the power necessary to operate this plant.