

Ottawa is to have a new foundry and machine works at the corner of Wellington and Lyons Streets. Local capitalists are interested, and a site has been secured for \$8,000.

The Manitoba Gypsum Company, Winnipeg, recently reported the destruction of their mill by fire at Gypsumville, at the head of Lake Manitoba. The mill was fully covered by insurance, and will be rebuilt at once.

The qualifications of producing the best machinery, or in fact workmanship in any of the mechanical arts is just good tools, better workmen, best work. The Mechanics Supply Co., of Quebec, will be glad to send any interested party their catalogues of up-to-date tools, etc.

The ventilating apparatus for the new ward of the Hamilton City Hospital, Hamilton, Ont., is being furnished by the B. F. Sturtevant Co., Boston, Mass. It will consist of a steel plate fan which will insure positive ventilation at all times, a heater, tempering coil, and distributing system.

The Hamilton Stamp & Stencil Works, and the Hamilton Tool & Optical Co., Hamilton, Ont., are now associated companies. H. Barnard is president of the two companies. Of the Stamp & Stencil Works, B. Broughton is vice-president, and G. Gomm secretary-treasurer. Of the Tool & Optical Co., A. Hutton is vice-president, and B. Broughton, secretary-treasurer.

The Brandon Machine Works Co., Limited, Manitoba, are making extensive additions to their works. A new blacksmith shop has already been built, and an \$18,000 office building and warehouse are now being constructed. A new foundry will be erected in the near future. The plant at the present time is being run to its utmost capacity in the manufacture of gasoline engines (designed by G. W. Thexton, M.E.), and important western contract work.

During the recent convention of the International Railway Master Boiler Makers' Association held at Milwaukee, Chas. F. Taylor, Jr., Superintendent Long Island Railroad at Morris Park, N.Y., said:—"In speaking of progressive tools, I suppose you have all seen the Allen riveter. We drive up all the back heads and all the mud rings. We have used that over a year, and find we do not have to calk a mud-ring rivet. Before I came away we put in 110 rivets in about two hours."

The Foos Gas Engine Company, Springfield, Ohio, the largest exclusive gas engine factory in the world manufacturing stationary and portable electric light engines, also sawing rigs and special outfits, have just purchased \$20,000 worth of machine tools, consisting of lathes, planers, boring mills, etc. Their business so far this year shows an increase of 50% over any previous year, and as their output is not sufficient to meet the increasing demand for their engines, it was absolutely necessary for them to get this extra equipment.

The Grand Trunk Pacific Terminal Elevator Co. is a newly incorporated concern, with a total capital of \$5,000,000, with its chief place of business at Montreal. It has been incorporated to carry on an elevator and warehouse business. The incorporators of the company are Charles Melville Hayes, railway president; W. Wainwright, railway director; Alfred Peter Stuart, merchant; William Hodgins Biggar, King's Counsel, Montreal; and Nicholas Bawlf, merchant, Winnipeg. The company will build two terminal elevators, one at Fort William and one at Tiffin.

It is said that George Patterson Murphy, son of Mr. Denis Murphy, one of the commissioners of the Temiskaming and Northern Ontario Railway, and John P. Dickson, secretary of the Canadian Railway Accident Insurance Company, of which Mr. Denis Murphy is president, are two of the principal incorporators of the Right of Way Company, an Ottawa syndicate, which has secured a valuable mining franchise from the Temiskaming & Northern Ontario Railway Commission. The company in which the son and the business associate of Commissioner Murphy are interested has secured the mining privileges along the right of way of the railway between the 101st and the 105th miles, that is, in the Cobalt district. The franchise is for 999 years. The company pays a spot cash bonus of \$50,000, and agrees to pay royalties on all minerals found.

The property of the Ottawa Furnace & Foundry Company, which has been in liquidation for some time, was sold recently for \$47,500.

The Smart-Turner Machine Co., Limited, Hamilton, have received an order for a Standard Duplex Dump, from the Polson Iron Works, Limited, Toronto.

The German-Canadian Smelting & Refining Company, Limited, has been granted a charter by the Ontario Government to carry on operations of a mining, milling, reduction and development company. The share capital of the company is \$1,000,000, divided into 10,000 shares of \$100 each. The head office of the German-Canadian Smelting & Refining Company is in Toronto.

The following contracts have been awarded to the Allis-Chalmers-Bullock, Limited, Montreal:—Municipal pumping engine for the Corporation of Fredericton, N.B.; capacity, 1,500,000 gallons for ordinary service, and 4,000,000 gallons for fire service. Also complete municipal lighting plant for the Corporation of Kenora, Ontario, including switchboard and other accessory apparatus.

At the recent Agricultural Show held at Derby, England, in June, twelve firms competed in the trials of suction gas producer engine plants. The gold medal was given to the National Gas Engine Company, Limited, Ashton-under-Lyne, for a 20-H.P. engine with electric ignition and suction plant, costing \$1,132.38. The silver medal went to Crossley Brothers, Limited, Openshaw, Manchester, for a 15-H.P. gas engine, the cost of which with suction plant, is \$874.80.

The Stromberg-Carlson Telephone Mfg. Co., Rochester, N.Y., report having closed contracts for switchboards in the following places:—St. James, Minn.; Stites, Idaho; Palouse, Wash.; Weatherford, Tex.; Seattle, Wash.; Rochester, N.Y.; Syracuse, N.Y.; Minneapolis, Minn.; Carbury, N.D.; Webster, N.Y.; Sodus, N.Y.; Mt. Vernon, Wash.; Eminence, Ky.; Plain City, Ohio; Columbus, Ohio; Caldwell, Idaho; Esmont, Va.; Rome City, Ind.; Delaware, Ohio; Lyndonville, N.Y.

A peculiar use to which the new waterproof paint now being placed upon the market by the Electric Cable Company, of 17 Battery Place, New York, has been applied, is on wooden reels. It has been found that such reels on which wire and cable is wound for shipment sometimes take up eight to ten pounds of water when exposed to the rain or to damp weather. Considerable annoyance has been caused by the discovery of this fact by the purchaser who weighs the reels upon delivery. The application of this waterproof paint has been found to prevent this absorption of water.

An interesting exhibit at the recent Royal Agricultural Show, which has just been held at Derby, was a petroleum traction engine of 25-B.H.P. The engine has been designed for road purposes, and is capable of carrying loads of from four to five tons. It is of the horizontal, single cylinder type and works at 300 revolutions per minute, and has been constructed to carry sufficient fuel and water for a day's work. Power is transmitted to the driving wheels through a regimental expanding clutch and intermediate gearing and roller chain, to the rear axle. The engine can be converted into a road roller or an ordinary stationary engine for agricultural purposes.

The following inquiries relating to Canada trade, were received at the Canadian Government Office, 17 Victoria St., London, S.W., recently.—A Yorkshire Engineering firm seeks to get into communication with likely users in Canada of stone, marble, granite and slate machinery.—A correspondent at Brussels, (Belgium), has asked to be placed in touch with owners of Canadian asbestos mines.—From the city trade branch, 73 Basinghall Street, London, E.C.—A North Country manufacturer of agricultural machinery and implements would like to get into correspondence with a Canadian firm prepared to undertake the introduction of his manufactures.—A Yorkshire company manufacturing beltings, ram and pump leathers, india rubber goods, packing, etc., is prepared to appoint suitable Canadian resident agent.—A London firm handling copper, lead, and antimony ores and metals, will be pleased to hear from Canadian producers who can ship actual supplies.