

B. Bell & Son, St. George, are erecting a large sawmill. The Canada Printing Ink Co., Toronto, will erect a three-story factory.

The Lake of the Woods Milling Co. has a new barrel factory at Keewatin.

Hamilton expects to have nickel copper works in operation soon, under the Sterling Co., of Chicago.

Heintzman & Co., piano manufacturers, Toronto, are preparing plans for large additions to their factory at Toronto Junction.

Kerr & Coombes, iron founders, Hamilton, Ont., have bought the Copp Bros.' foundry buildings, and will extend their business.

The Western Hardware Co. has acquired the stock of John A. Kerr, Regina, and will carry on a wholesale and retail hardware business.

The International Harvester Co. have purchased 35 more acres of land at Hamilton, and will make their works larger than first proposed.

The cleaning elevator of Jos. King & Co., at Port Arthur, is to have a storage addition added besides a number of improvements to its cleaning machinery.

The Humber Power and Light Co. has been authorized to increase its capital from \$50,000 to \$100,000, and the Sun Oil Refining Co., of Hamilton, to make a similar increase.

Aluminum has been found to possess the property of sharpening cutlery to a high degree. Though a metal it has the structure of a fine stone, and imparts a fine razor-like edge.

The Canadian Tinplate Decorating Co. is looking for a location and is negotiating with Berlin and London. They purpose spending \$13,000 on plant and will employ about fifty men.

Thomas Kennedy is installing twenty wood-working machines in his factory at Fort William, Ont. H. H. Dale, of the same place, is also adding more machinery to his sash factory.

The Car Wheel Works at Lachine, burned some years ago, are to be rebuilt. They will be near the Dominion Bridge Co.'s works, will employ about 100 men, and have a capacity of 30 tons a day.

Capt. Mansell, acting chief engineer of the Militia Department, has been visiting the armories in Buffalo, New York and Chicago to get new ideas with reference to the construction of such buildings.

The Canada Paper Co. will instal at Niagara Falls the largest paper machine in Canada. It weighs 350 tons, and will take 25 cars to carry it. The company will be making paper by the 1st of April.

A pulp concession has been granted to the Rainy River Pulp & Paper Co., of which Hon. G. E. Foster is the leading spirit. It is to build a pulp mill of 20 tons daily capacity at Turtle Lake near Fort Francis, and employ 50 hands.

Representatives of ten out of the fifteen large cement factories doing business in Canada, met and formed a branch of the Canadian Manufacturers' Association. They hope to secure the entire trade of Canada for the home manufacturers. Last year cement to the value of \$699,000 was imported from the United States.

Twelve men, two whites and ten Chinamen, were killed by an explosion of nitro-glycerine at the works of the Hamilton Powder Co. at Departure Bay, B.C. The cause can only be surmised. The railway track near by was torn up and two rails twisted like corkscrews around the trunks of trees. One large tree was cut off fifteen feet above ground. In a building 400 feet away one man was engaged in a most dangerous process in the mixing room, the doors and windows around him were blown in, and one side of the building wrecked. He was flung on the machinery, but to allow the work to stop at that stage would mean another explosion, so with the greatest coolness he stayed at his post and kept the machinery going until his task was completed. The concussion was felt 40 miles away.

A colony of Swedes have built a sawmill at Malcolm Island, B.C.

The Globe-Wernicke Co., makers of office systems, sectional bookcases, etc., have built a fine white brick factory at Stratford, Ont.

The contract for the equipment of the million bushel elevator at Montreal has been awarded to the Dodge Manufacturing Company of Toronto.

The Dominion Iron Wheel Co. has increased its capital from \$20,000 to \$100,000, and the Dominion Wire Rope Company from \$50,000 to \$200,000.

The T. S. Simms Co. has built a new brush factory at St. John, N.B., has its own dynamo and lighting apparatus and smoking and reading room for the employees.

The Milner Wagon Co. has erected a factory at Petrolia for the manufacture of wagons and sleighs. It contains 63 machines. Wm. English is president and Wm. Pratt, secretary.

A hot water pond has been installed at the Pigeon River Lumber Co.'s mill at Port Arthur, enabling it to operate all winter. The capacity of the mill is 20,000,000 feet, which is to be doubled.

The Snowball Wagon Works at St. George, Ont., have been sold to the Hamburg-American Co., who, as soon as the stock on hand is worked up will remove them to New Hamburg.

The Canada Paint Co. has acquired another graphite property, about five square miles in area, near Petitcodiac, N.B. They will have to greatly enlarge their capacity to meet next season's trade.

The Canadian Heating and Ventilating Company offer to establish works at Owen Sound, employing 80 hands, for the manufacture of all kinds of heating apparatus, if they get exemption and free water.

The manufacturers of a line of oil engines in England are looking for a good agent to push the sale of such engines among the farmers of Canada. The address of the firm can be learned on application to The Canadian Engineer.

The Manitoba Iron Works Co. will take over the business of the Standard Machine Works at Winnipeg, and build new shops, covering an acre and a quarter of ground, to manufacture engines, boilers, pumps, elevators and agricultural machinery.

The manufacture of brick and pottery at New Glasgow, N.S., which has been of late neglected, is to be developed anew, a company of St. John and Montreal capitalists having purchased the clay deposits, which are said to be the only ones of the kind in Canada.

The Nova Scotia Steel & Coal Co., are planning extensive additions to their plant at Trenton, N.S., for the manufacture of cars in addition to the car axles, shafting, nails and other products now turned out. Smelting will cease at Trenton and Ferrona, that operation being concentrated at Sydney Mines.

The great manufacturing plants in Chicago produced, it is stated, during 1902, 75 per cent. of all the grain and grass harvesting machines made in the world. The aggregate business for the year approximated \$50,000,000. Of these the International Harvester Company, now erecting a factory in Hamilton, claims to manufacture about 90 per cent.

The Dominion Iron & Steel Company will build a small mill at Sydney for the manufacture of steel rails, which will be enlarged subsequently, if the market warrants it. It will have an initial capacity of 400 tons a day. Three additional mills, one for plates, one for angle bars, and one for wire rods, will also be built, all, with the structural steel mill now under way, to be in operation by May 1.

The London Machine Tool Co. have added a considerable amount of machinery to their plant during the past year. Among these are a new milling machine and a gear cutter of their own design, a boring machine made by the Bullard Machine Tool Co., of Bridgeport, Conn., and a lathe by Reid & Co., of Worcester, Mass. They are also building a planer 72 by 72 in., and are putting in a 10-ton crane.