

on the Bay of Fundy, on the coast of Nova Scotia, from which the ore can easily be brought to St. John by water for the purpose of being smelted. Portland is a suburb of St. John.

The new duplex compound pumping engine of three million gallons capacity, built by Messrs. Kerr Bros., of Walkerville, and erected in Messrs. Hiram Walker & Sons' distillery for their purpose and for supplying the town of Walkerville, was recently set in operation with most gratifying results, it doing the work perfectly from the first revolution. Hydrants are placed all over the town, and Walkerville is possibly the only place of its size having this system of fire protection. The pumping engine is well worthy the inspection of those interested in water-works matters.

ALD. S. G. READ, chairman of the Manufacturing Committee, has received a letter from one of the firms now negotiating for settlement in this city, in which they express the opinion that the city of Brantford should be thankful to have such an able advocate. "The firm in question want ten years exemption and the old farm and dairy buildings given to them at half the quoted price, the city to take a lien on it to the amount of the interest. If this is done they will guarantee employment to 40 hands, not less than 75 per cent. of them to be skilled mechanics." - *Brantford (Ont.) Courier*.

MR. GEORGE R. SMITH, who has for a number of years been mining engineer and superintendent of the mines of the Little Rapid Phosphate Mining Co., Buckingham, Que., has recently made an extended tour through all the mining districts of Canada, from Sudbury to Vancouver, B.C. Mr. Smith says that the indications for extensive mining operations being carried on in Canada next spring are very encouraging. Everywhere he visited machinery was being put into new mines, and in some cases very expensive and intricate machinery from the United States and England is being introduced.

THE cabinet and furniture factory of Mr. Philippe Valliere, Quebec, was destroyed by fire Dec. 4th, entailing a loss of over \$100,000. The works were well equipped with valuable machinery and tools, and there was a large lot of walnut and mahogany lumber, and some 30,000 chairs, all of which were destroyed. The extensive stores and showrooms adjoining, containing about \$200,000 worth of goods, were saved, but considerably damaged. Mr. Valliere, who is one of the wealthiest citizens of Quebec and does probably the largest business in his line there, will commence rebuilding his factory immediately.

The lumber mills of Messrs. H. F. Eaton & Sons, St. Stephen, N.B., known as the "Upper Mills," were destroyed by fire Dec. 5th. Loss about \$12,000. These are the mills about which there was a dispute as to which side of the river they were on. A few weeks since the United States customs officers seized some of the lumber manufactured there, contending it was from Canadian mills and liable to duty on going into the United States. The owners claimed that the mills were in Maine. It is probable that the mills will not be rebuilt unless it is decided that their site is on the Baring side of the boundary line.

RECENT developments in the Megantic Mining Company's mine, near Coleraine, Que., show enormous deposits of asbestos. Important heavy work has been done during the past season, innumerable veins of asbestos being exposed, ranging from $\frac{1}{4}$ to $1\frac{1}{2}$ inches thick. One exceptionally beautiful vein shows a width of three inches of remarkable finetexture. Work has been prosecuted vigorously in this mine, and its present state of development clearly entitles it to rank as one of the most valuable mines of the kind ever discovered in Canada. Work has been suspended for the winter but will be prosecuted with vigor in the spring.

THE Ontario Canoe Company's factory is making good progress in keeping up with orders. At the end of last season the stock was reduced to almost nothing, so great was the demand for the Peterborough canoes. Just now the employes are working on an order from Rotterdam, Holland. The order consists of thirty canoes of nearly every kind made in the factory—jumpers, longitudinal, folding, decked, sailing, etc. The consignment will be shipped in January. Prospects for the next season's trade are good. Letters from Victoria, B.C., and Halifax, N.S., and other places promise large orders in the spring. - *Peterborough Review*.

A LARGE contract for leather belting has been received by Messrs. Robin & Sadler, of Montreal and Toronto, to be used for driving the machinery of the Lake of the Woods mill at Keewatin. The mill is built upon a very large scale, its capacity being 1,000 logs per day, consequently a great many belts and several very large ones are required. From what we know of the above mentioned firm, we are confident that the work will be done well. - *Canadian Journal of Fabrics*. It is indeed news to learn that the Lake of the Woods mill at Keewatin is built to cut logs. Messrs. E. P. Allis & Co., Mil-

waukee, are building machinery for that mill which will enable it to turn out 1,000 blbs. of flour per day, as recently stated in these pages.

INFORMATION from Montreal is to the effect that a strong effort is being made to induce the Canadian Rubber Company of that city to join the proposed rubber combine, but it appears that the company is adverse to doing so. Mr. Scholes, of the company, as stated in a newspaper interview says that he had been approached by one of the retail men who asked him to enter into an agreement with the wholesale men so that they would refuse to sell to any retailers who would not keep up a certain price in rubbers. Mr. Scholes replied that his company would be no party to combines, and that they would take no hand in the matter. Their business would be carried on upon the same principles as heretofore.

AN important resort scheme is on foot by a company in Halifax for manufacturing the water at the Wilnot Spa Springs, with a capital of \$50,000, divided into 500 shares of \$100 per share, and to be called "The Wilnot Spa Springs Company, Limited." The new company intend developing this valuable property with the intention of making it a leading resort. They will put up machinery at the Springs which will cost about \$1,000, for the purpose of manufacturing and bottling the water for export. This water, after going through the process, is pronounced equal to the renowned springs of Germany, from which large quantities are exported yearly to most all parts of the world. - *Annapolis (N.S.) Spectator*.

PETERBORO, Ont., was recently considerably excited over the prospect of having an extensive saw and file works established there, but the scheme has come to naught. Five thousand dollars in stock had been subscribed, but the projectors wanted \$5,000 more. In discussing the matter at a recent meeting, Mayor Stevenson stated that he was opposed to bonus giving, but would be glad to see the works go on. Whittby had undertaken to give bonuses to a saddlery factory, a tannery and a shoddy factory, but a building without any business was the only thing the citizens got. After considerable discussion the meeting adjourned without the necessary \$5,000 additional stock being subscribed, and the scheme died a-bornin'.

MESSRS. CHUTE, HALL & Co., Yarmouth, N.S., are meeting with much success in the manufacture of parlor organs. Over 2,500 pieces of wood and metal are employed in the construction of one of their ordinary parlor organs. This includes nearly 900 pieces of wood of all shapes and sizes, 500 screws, 300 metal pins of various lengths, 80 springs, 30 brass hinges, and upwards of 700 pieces of metal for various purposes. To prevent rattling and to make the necessary parts air tight, about 700 pieces of felt, soft leather and rubber cloth are used. These organs were brought prominently into notice at the Colonial and Indian Exhibition, London, in 1886, where the fine organ exhibited by them was purchased by the Rt. Hon. Edward Stanhope, colonial secretary.

HERE is an additional illustration of the indefinite and valueless industrial item, as too often given by country exchanges. It is from the Oshawa, Ont., *Vindicator*: "The reeve has received a letter from the authorities of a large manufacturing company offering to start his business in Port Perry provided they receive a suitable bonus. They propose to employ fifty men, principally heads of families, with the prospect of further increasing the number employed." What, pray, is the name of the manufacturing company; where is it located; what does it propose to manufacture; how much of a bonus does it want; on what principles of justice to existing manufacturers in Port Perry should a bonus be granted? - *Cleveland, O., Iron Trade Review*.

As has already been intimated in the *Times*, The Hamilton Steamboat Company have abandoned the idea of building a wooden steamer here, and have given the order for one to be constructed at Glasgow, Scotland. It will be of steel, will cost \$60,000, and nothing will be left undone to make it first class in every way. It will be 160 feet long, 24 feet beam, with double decks, and an engine over 1,000 horse-power. A speed of fifteen miles an hour is guaranteed, and the distance between here and Toronto will be covered in about two hours. The new vessel will be completed towards the end of April, and she will start on her regular trips about the Queen's birthday. The president, Mr. Griffith, and the company are to be congratulated upon their enterprise. - *Hamilton Times*.

It was stated in the last issue of this journal that Mr. D. A. Duffy, proprietor of the Maritime Brass and Iron Works, Moncton, N.B., was negotiating for the acquirement of the works of the Peters Combination Lock Company, in that city. Mr. Duffy informs us that he purchased these works several months since, and has been running them on full time ever since, manufacturing