

The steamer William L. Brown, recently brought a cargo of 253,130 bushels of wheat to Parry Sound, Ont., from Chicago.

J. A. Jamieson, Montreal, has been awarded the contract for the construction of the million-bushel fireproof elevator, to be erected in Montreal harbor.

Negotiations are in progress for the installation of an electric lighting plant for the proposed new summer hotel at Burlington, Ont.

Messrs. Mackenzie & Mann, will use rails to build 200 miles of railway made by the Dominion Iron & Steel Co's new mill at Sydney, N.S.

The Philadelphia Textile School will open for its eighteenth season on Monday, September 30, under conditions which are most satisfactory to its many friends. The staff of instructors which has proved so efficient in past seasons remains unchanged, and under the able guidance of Director, E. W. France, who has just returned from an inspection of similar European institutions and manufacturing establishments, it will offer even greater opportunities for the student. Dr. J. Merritt Matthews, under whose direction the work in chemistry and dyeing has shown such marked advancement, has also spent the summer months on a tour of investigation abroad. The rooms and the machinery and other apparatus which constitute this institutions unexcelled plant have had a thorough overhauling and renovating, and without exception the equipment of the various departments has been augmented. The incoming class will be by far the largest in the school's history, showing that public appreciation continues to smile on this, the first effort, at textile education in America. The old saying is again exemplified "Nothing succeeds like success."

The Graham Co., Belleville, Ont., has been incorporated with a capital of \$250,000, to manufacture machinery for evaporating fruits, etc. The provisional directors include R. J. Graham, J. R. Finkle and H. E. Fairfield, all of Belleville.

The proprietors of a number of glass factories in Danbury, Ind., are looking for a site to establish one in Canada.

The New Brunswick Petroleum Co. claims to have discovered oil at Memramcook, a few miles south of Moncton, N.B.

T. Meany, acting for capitalists with New York and Toronto connections, has purchased a site near the village of Seven Islands, Que., where they will establish a pulp mill with a capacity of fifty to one hundred tons per day. It is estimated that the company will expend \$3,000,000 in this enterprise.

A comparison of the various exhaust heads on the market vividly illustrates the difference between so-called practical designs and those which are based on scientific study. In the former category are to be classed those heads in which baffle plates and tortuous passage predominate. On the other hand a typical example of well-applied scientific reasoning is presented in the centrifugal head manufactured by the B. F. Sturtevant Co., Boston, Mass. Recognizing the fact that centrifugal force is proportional to the weights of the bodies in motion and that water is nearly 1,600 times heavier than steam, this head is so designed that the exhaust steam is given a vigorous whirling motion within the case, thus throwing the water outward with such excessive force as to absolutely prevent its escape through the large central exit opening provided for the steam. The water and likewise the oil trickles quietly down the sides of the case, which is in the shape of an inverted cone, and finally escapes through a special drip pipe at the bottom.

Although linotype operators have been using graphite to a more or less degree for years, it is only within the last few months that they have found the kind peculiarly suited to the actual needs of the machine. The Joseph Dixon Crucible Co., Jersey City, N.J., prepare a special linotype graphite, and send samples free and testimonial letters to any one interested.

The Cramp Steel Co., who purpose building extensive steel works at Collingwood, Ont., are letting the contracts for the erection of some of the necessary buildings. One of these, the blooming train mill, will have the following dimensions: 210x50x30 feet. The dimensions of other buildings will be as follows: Bar and rod mill, 200x70x30 feet; boiler house, 200x60x30 feet; pit furnace house, 105x60x30 feet. The company will instal to start with two seven-ton converters, with a daily capacity of 300 tons, and two open-hearth steel furnaces.

Large gangs of men have been getting the property into shape for building operations.

The Collingwood Shipbuilding Co., whose plant is at Collingwood, Ont., and from which the large screw steel steamer Huronic was launched last week, and where a large freight steel steamer with a carrying capacity of 7,000 tons is now being built, was organized only about a year ago with a capital of \$200,000, the officers of which are J. J. Long, president; Capt. Alex. McDougall, Duluth, vice-president; Thos. Long, Toronto, secretary; Hugh Calderwood, general manager; other directors, Chas. Cameron and Capt. Campbell, both of Collingwood. We learn that the capacity of the present works is to be enlarged by the extension of the present docks and yards and the instalment of new machinery. By next year the yards will allow of the simultaneous construction of six full-sized canal steamers or of three 500-foot boats. The steel plates used in building the Huronic came from the United States, but it is expected that next year the Cramp Steel Works of Collingwood will be able to furnish this material.

The Canadian Rubber Co., Montreal and Toronto, have placed on the market a new floor tiling, called the Interlocking Rubber Tiling, made of hard rubber. It is made of pieces cut in geometrical designs, neatly interlocking into each other so as to form a patterned and practically solid flooring. The designs are in various colorings, and its claims are briefly stated as follows: It is noiseless, sanitary, water-proof, elegant in appearance, more durable than tiling, and you cannot slip upon it.

The General Fire Equipment Co., Toronto, have received the contract for installing a fire protection system of exterior cornice sprinklers for the Bell Telephone Co's building, Montreal.

Steinhoff & Gordon's stave and hoop mill at Wallaceburg, Ont., was destroyed by fire Sept. 7. Loss about \$8,000.

The Copp foundry, Hamilton, Ont., was damaged by fire, Sept. 7, to the extent of about \$8,000.

The council of Orangeville, Ont., has passed a by-law to lend H. G. F. Pett \$10,000 to induce him to establish a biscuit and confectionery factory at that place.

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