

number of testimonials from some of the largest and best known manufacturers in Canada, who are customers of the company and constant users and consumers of their products are printed, and to which they invite attention.

Messrs. J. B. REED & SONS, Bridgetown, N.B., are large manufacturers of furniture, etc., their establishment being one of the finest in the maritime provinces. The workshops and engine rooms occupy a large four story building 132 feet in length, by 56 in breadth. The commodious warerooms and upholstering department occupy a building three stories in height, 75 feet long by 40 broad. About 32 workmen are constantly employed in the various departments of the business, and 22 families derive their support from this employment. About \$40,000 is annually expended for raw material and wages. The manufacture of parlor and bed-room furniture is a speciality of the firm, but a great deal of general cabinet work is also done.

Messrs. JOHN BERTRAM & SONS, Dundas, Ont., inform us that they now have in press a new and revised illustrated catalogue and price list which will embrace every article manufactured by them. The list will contain descriptions of machine tools and wood-working machinery of all sorts, among which are enumerated lathes, planers, drills, bolt cutters, punches and shears, boiler rolls, slotting, milling and cutting-off machines, shafting lathes, pulley, boring and turning and boring machines, wood planing and matching machines, molding, mortising and tenoning machines, band and scroll saws, wood turning lathes, complete sets of machinery for locomotive and car works, agricultural implement works, cabinet and furniture factories, etc.

The annual meeting of the shareholders of the Magog Textile and Print Co., was held at the office of the company, in Montreal, on January 18th. It was stated that the machinery for spinning and manufacturing print cloths was being erected in their mills as rapidly as possible, and it is confidently expected that a large portion of it will be put in operation within a few weeks, when the company will enter upon a new era of its existence and be largely independent of outside supplies, and satisfactory results are anticipated. The old board was unanimously elected, consisting of the following gentlemen:—J. K. Ward, Jas. G. Ross, R. G. Reid, W. Hobbs, A. H. Moore, John Macfarlane, Joel Leduc, Geo. R. Grant, C. C. Colby, M. P.

Not long ago comment was made upon the fact that the automatic sprinklers put up in a mill which took fire did not operate to advantage, and in another instance a test was made and it was found that the pipes had become clogged. It was then pointed out that the difficulty was caused by neglect, and that unless mill-owners tested their pipes properly from time to time they ought not to look for the advantage expected to be derived in time of need. Neglect of this kind ought not to be permitted, and as an additional precaution an inventor has just derived a means for helping to keep the pipes clear. We do not know how effective this may be in operation, but it serves to remind us that there is nothing about a mill which a manufacturer can afford to neglect or fail to inspect as regards its working and efficiency.

Messrs. J. L. GOODHUE & Co., Danville, Que., manufacturers of leather belting, lace leathers, etc., are calling the attention of the trade to the fact that their belting is made from Canadian tanned leather, which has been prepared in the most careful manner in their own tannery, expressly for the manufacture of their goods. They warrant it equal to any imported belting, either American or English, or to any made from imported American or English oak leather. They manufacture belting in all widths, single or double, and for any duty—saw mill, cotton mill, woolen mill, electric light machinery, etc. Specimens of the leather belting manufactured by Messrs. Goodhue & Co., are on view at the Permanent Exhibition of Manufactures of Messrs. Nicholls & Howland, 63 to 69 Front street West, Toronto.

The Sewell Safety Car Heater, is receiving a practical test on the New Brunswick railway, the first road in Canada that has adopted this system of heating. The heater was attached to the cars and locomotives in the company's shops at McAdam, N.B., the work being performed under the superintendence of representatives of the Sewell company. All the passenger locomotives have been equipped for some time, and a number of the passenger coaches as well, but it was not until recently that orders were given to de-equip trains fully equipped with the new system. Several passenger trains on the Maine Central are fitted with the same system, and reports from the management of the road speak highly of the patent. Two I. C. R. trains are also being equipped, one with the Sewell system and the other with the Martin system.

## New Brunswick Cotton Mills

**Saint John Cotton Mills,**

**WM. PARKS & SON, Ltd.**

**SAINT JOHN, N.B.**

**Cotton Spinners, Bleachers, Dyers and Manufacturers.**

Cotton Yarns, Nos. 5 to 10, White & Colored.

Cotton Carpet Warp, White & Colored.

Ball Knitting Cotton, in all numbers and colors.

Cotton Hosiery Yarn, suitable for manufacturers of Hosiery.

Grey Cottons, in a variety of grades.

Fancy Wove Shirtings, in several grades and new patterns.

Seersuckers, in Stripes and Fancy Checks.

Cottonades, in Plain, Mixed and Fancy Patterns.

AGENTS.

DUNCAN BELL, Montreal and Quebec.

WM. HEWETT, Toronto.

MR. JONATHAN ELLIS, of Port Dover, Ont., has his mill well under way, the roof being now on. He has just returned from the Eastern States, having made a trip to purchase machinery. His carding and spinning plant is of Davis & Furber's make, the cards being 48 inches all through, the mules being 288 spindles each. The size of the mill is 4 sets, and Mr. Ellis expects to have it in operation by the first of May; and having saved his samples he will be in the market with his competitors, but a little later in the season. The average dye-house of a mill is generally the least comfortable part of it to the workers therein, but this one is a notable exception. There is the usual opening in the roof to carry off the steam, but the hot-air drier in the room, heats the air in the room, so that the steam is not condensed; the air is clear, so that the men can work in comfort, and can see all over the room.

MORE triumph for the Killey pumping engines. The expert engineers who conducted the recent test will in their official report state that the average duty given by the engines during the forty-eight hours of continuous work was 114,758,000 foot-pounds for every 100 pounds of coal consumed. That is to say, the engines did nearly fifteen per cent. more work than was demanded by the specifications. The enormous duty of the Killey engines can be well understood only by comparison with the duty of other pumping engines. Eighty million foot-pounds is the highest point yet reached by any other engines in Canada. The best of the Toronto engines only reach sixty-five millions. There are probably not half a dozen engines in the United States which yield as high results as these Hamilton engines, designed and built right here in our own town. Once more—hurrah for Hamilton skill and industry!—*Hamilton Spectator.*

THE lumbermen at the Chaudiere are keeping abreast of the times in new and improved methods. Up to this season most of the lumber firms have been using in their mills a piece of machinery known as a "hog," which is a sort of cone shaped iron basin studded with sharp knives. This is situated beneath the saws, and the edgings and waste fall from the saws into it and are chopped into saw-dust by the knives, and fall through the small end of the cone into the river. By this system much lumber suitable for making lath and other small lumber is wasted. Messrs. J. R. Booth & Co. are doing away with this piece of machinery, and are constructing a large lath