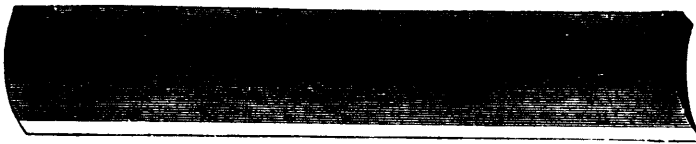
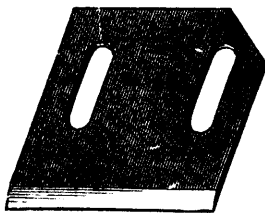
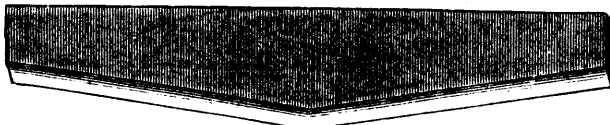


GALT MACHINE KNIFE WORKS.PLANING MACHINE
KNIVES.

STAVE CUTTER KNIVES.



STAVE JOINTER KNIVES.

MOULDING, TENONING,
MITREING,
SHINGLE JOINTER,

And other irregular shapes.

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PETER HAY, - - - GALT ONT

mill adjoining the saw mill, as well as blasting a roadway underneath the mill so that the waste lumber may be carted to the lath mill, and there manufactured into lath. The other firms who have also adopted this idea are Messrs. Perley & Pattee, Hurdman & Co., G. A. Grier, and Gilmore & Co.—*Ottawa Journal*.

MR. S. DAVISON, 14 Colborne street, Toronto, Canadian agent in Toronto for Messrs. Dunbar, McMaster & Co., Gilford, Ireland, manufacturers of prize medal linen threads, has compiled and published "The Buyers' and Sellers' Hand Book" for computing profits from 5 per cent. to 40 per cent. on sums from 2 cents to \$10; also sterling exchange at 9½, and other tables of interest to merchants and others. Among these tables there are those of Belgian, French and Swiss francs; Spanish pesetas; Grecian drachmas and Italian livres, showing the customs value thereof; of marks of the German Empire, florins of Austria and of the Netherlands; kilogrammes, or kilos, of France; a comparative table of French and English measure, converting metres into yards and inches; interest tables, circumferences and area of circles, etc. The book is very nicely gotten up, of convenient size, and cannot but be of valuable assistance to the mercantile community, both in purchasing and marking the selling price on the goods.

THE Asbestos Mining and Manufacturing Company, Quebec, Que., of which Mr. Thos. Hamel is manager, are manufacturing several new lines of goods of which asbestos is the chief ingredient. Among these is an asbestos cartridge, a cylinder about 5 inches long and 3 inches diameter, encased in strong wire gauze, which, after having been immersed in coal oil for a few minutes may be put in a cook, parlor or bedroom stove and ignited, the burning oil affording sufficient heat for ordinary purposes. The cartridge is indestructible, the only expense being the coal oil, which is not very costly. They make an asbestos stove, an arrangement in which the asbestos is conveniently arranged in a gas stove, and which becomes red and glowing as soon as the gas is ignited. The stove is made in various styles and patterns, and is adapted to use in offices, residences, etc. They also manufacture asbestos steam pipe and boiler covering; asbestos safety fire proof boxes for keeping valuable papers etc.; asbestos felt carpet lining, screens, etc., asbestos mill boards, fire boards, etc.

THE following will afford an idea of the magnitude of the leading manufacturing industries of Moncton, N.B., and the number of hands employed in them:—Moncton Cotton Mills, employ 300 hands; Moncton Sugar Refinery, 125; Foster's steam flour and planing mill, 12; Lea's planing mill, 35; Rand & Co.'s planing mill, 15; Record Foundry and Machine Co., 48; Moncton Brass Works, 25; Mark's carriage factory, 20; Givan's steam laundry, 10; Givan's soda water factory, 3; Weir's machine shop, 25; Moncton Chemical and Soap Works, 10; McSweeney Bros., furniture upholsterers, 15; Cole, the clothier, 35; Ross, the tailor, 20; Moncton Times Steam Job Printing Office, 35; Moncton Transcript Steam Job Printing Office, 15; Metzler, painter, 25; Day, builder, 30; Moncton Knitting Works, 25; O'Neil & Crue, boots and shoes, 15; Hotel Brunswick, 30; Moncton Gas, Electric Light and Water Co., 25. There are a number of smaller concerns employing, probably, 200 more hands. In and about the Intercolonial Railway Works, in various capacities, are employed about 1,000 men.

MR. J. H. RUSSELL, St. John, N.B., has just completed two of his winged elevator plows—one for the New Brunswick road and one for the Northern and Western. The Intercolonial Railway, which used one of Mr. Russell's plows last year, and opened a part of the line that had been snowed up, and which could not be opened by any plow in the service, has given Mr. Russell several orders. The plows are being built in Harris & Co.'s establishment, at St. John. The forward end of the plow rests on a double bearing truckframe, in there are eight boxes, furnished 48 inches of journal bearings. These journal frames weigh 6,300 pounds and are capable of carrying 75 tons dead weight. The wheel base of the plow is 75 feet, and wheel base of forward truckframe, 3 feet 6 inches; the wheel base of the rear truck is 5 feet 8 inches; the full length of the plow is 36 feet and its width 10 feet; the distance from the rail to top of iron fender is 11 feet. Mr. Russell says the plow has been constructed to handle ten feet of snow. The centre sections are arranged with wings and elevators that can be extended by means of a double acting bevel gear, cleaning the road 16 feet wide. These winged elevators are so constructed as to lift all the snow and ice and throw it clear away from any possible obstructions to trains.

THE Moncton, N.B., *Times* prints the following list of the cotton mills in the Dominion, with their respective complements of spindles. The information, which it believes to be complete, was obtained from Mr. Frederic Nicholls, Secretary of the Manufacturers' Association, Toronto:—Ontario.—Craven Cotton Co., Brantford, 10,000 spindles; Canada Cotton Manufacturing Co., 40,000; Stormont Cotton Manufacturing Co., Cornwall, 26,000; Dundas Cotton Mills Co., 17,000; Hamilton Cotton Co., 6,000; Ontario Cotton Mills Co., Hamilton, 12,005; Kingston Cotton Manufacturing Co., 10,000; Lybster Cotton Co., Merriton, 12,000; Merriton Cotton Mills Co., Merriton, 13,000. Quebec.—Chambly Cotton Co., Chambly Canton, 7,000; Coaticook Cotton Co., Coaticook, 12,000; Magog Textile and Print Co., capacity to print 40,000 yds. per diem; Hochelaga Cotton Co., Montreal, 95,000; Hudson Cotton Mills, Montreal, 70,000; St. Ann's Spinning Co., Montreal, 25,000; Merchants' Manufacturing Co., St. Henri, Montreal, 25,000; Montreal Cotton Co., Valleyfield, 54,000. New Brunswick.—Gibson Cotton Mill, Marysville, 50,000; St. Croix Cotton Mill, Milltown, 37,000; Moncton Cotton Co., 11,000; W. Parks & Son, St. John, 15,000. Nova Scotia.—Nova Scotia Cotton Co., Halifax, 18,000; Windsor Cotton Co., 10,688.

AT the "spread" in connection with the sailing of the pioneer vessel of the St. John Trade and Forwarding Company, Mr. C. A. Everett was one of the speakers. He said he was following with interest the progress of the present attempt to work up an export trade with the West Indies. In three weeks he would have completed the fortieth year of his career as a manufacturer on his own account. His father in 1853 brought out the first steam engine used in a manufactory in this place. He purchased it in England at a time when the export of engines to the colonies was forbidden by law. The engine was seized and its owner escaped with a warning to the effect that the property would be confiscated and himself punished if he again undertook to carry out his design. Nevertheless the engine was bought, packed in hogheads in sections and entered at the customs as hardware. He had followed his father in manufacturing, and could report to-day that he had done more business as a manufacturer during the past three or four years than had been done in any like period during the 78 years of the history of the establishment. He had visited about all the workshops in the county, and was prepared to affirm that in the year 1887 more business was done in St. John industries and more paid out in wages than in any other year of the history of St. John.—*St. John, N.B., Sun*.