

ST. CATHARINES SAW WORKS!

R. H. SMITH & CO.,

MANUFACTURERS OF EVERY DESCRIPTION OF

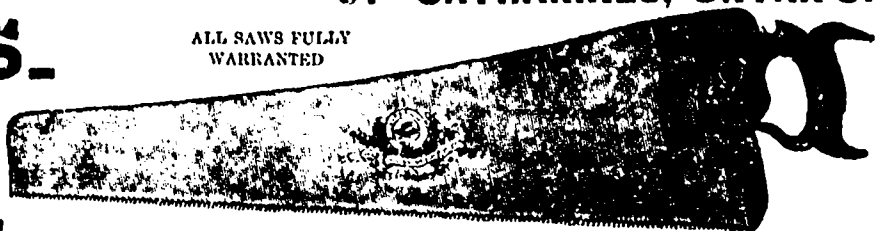
ST CATHARINES, ONTARIO.

SAWS.

ALL SAWS FULLY
WARRANTEDSole Manufacturers for the Dominion of
Canada of the

"SIMONDS" SAWS.

All Our SAWS are now made under the "SIMONDS" PATENT PROCESS.



of lumber who now make their own contracts for months ahead with the lumber manufacturer. Our Commission of 10 per cent. covers all expenses on consignments, except hauling, piling, and the ordinary charges for inspection, and our company assumes all responsibility for purchasers. I do not think the auction will materially effect the yard sales, as well sell only large lots, and the yard sales are in comparatively small lots at retail prices."

The lots up for sale yesterday were consignments from different parts of the country. Several large manufacturing consumers attended the sale, some from out of town, but principally New York and Brooklyn were represented. Two sales a month will be held until the 1st of November, when they will be made tri-monthly. De Witt C. Wheeler is president of the company, and Latimer E. Jones, the wholesale lumber dealer at No. 116 West Twenty-third street, is the secretary and treasurer.

A NEW TRACTION ENGINE.

Mr. Ryan and Mr. F. W. Glen, M.P., visited Eaton, N. Y., last week, for the purpose of making final arrangements with Messrs. Wood, Taber & Morse, for the control of their new Traction Engine in Canada, and we are pleased to say that in the interest of Oshawa they succeeded. Messrs. Wood, Taber & Morse were the first manufacturers in the United States to build Portable Engines on wheels, some 35 years ago, and have turned out more of this class of engines than any other firm there since their first introduction. Their engine has been the model for nearly every large builder in the United States and Canada. The first Oshawa Engine was purchased from them. An immense sum of money has been expended upon experiments with Traction Engines during the past ten years, and thousands of them, such as they were, have been sold, but Mr. Glen has refused to recommend any heretofore introduced to the customers of the Hall Works. Messrs. Wood, Taber & Morse have spent ten years in perfecting the New Traction, and have now for the first time offered it to the public as a desirable and complete machine. It was put in operation for Messrs. Ryan and Glen, and a series of severe tests applied. It drew up a hill, the grade of which was 1 100 feet to the mile, five engines which weighed together 11 tons, stopped in the middle of the hill and then went on. Four holes were dug 16 inches deep under each road wheel and the engine started, and without any difficulty came out of the holes. The hind wheels were backed off the road side so that they were at least 2 1/2 feet lower than the front wheels. A scantling 6 inches square was then placed before the front wheels, and when steam was let on the engine at once passed up over the scantling. One of these engines travelled 34 miles over as hilly a road as the base line from Oshawa to Bowmanville in one day, drew a water and coal waggon, and only consumed half a ton of steam coal. A 12-horse power traction of this kind can draw from Oshawa Station to the town 25 tons as fast as a team walks with two tons. Can easily draw ten tons from the port to the town. Heretofore the traction machinery has been applied to the rear wheels of the engine only. Messrs. Wood, Taber & Morse are the FIRST

IN THE WORLD TO SUCCESSFULLY APPLY IT TO ALL FOUR WHEELS. The engine can be turned around by the driver in less space than is required to turn a farm waggon with a team of horses, goes backward as easily as forward - can bring down a sharp grade safely as heavy a load as it can take up. Its value to the thresherman can hardly be over-estimated. At present he buys an engine and thresher, two teams of horses and employs two men and gladly works for \$12 per day. If he could be employed all the year he would be pleased to work for less. Now he can dispense with the horses and harness during the threshing season and at its close he is ready to do any class of heavy teaming—for instance, he can draw four loads of coal of ten tons each from the harbor to the town which at 30 cents per ton is \$12. It costs 60 cents to team it at present. He requires no barn, a shed without a floor ten feet high and eight feet wide is all he needs. In place of oats or hay he has a pile of coal or wood. Carefully used the engine will last for ten years, about as long as the average team of horses can endure to do constant and heavy work. No one can foresee the very great change that this wonderful advance in Traction Engines will create in transporting very heavy freight short distances. It will drive the horse from the plough at an early day, in fact there is no end to the ways in which it can be made to do the heavy labor which is now performed by horses. Mr. Glen informs us that Messrs. Wood, Taber & Morse had 112 Portable Engines painted and ready for shipment in their shops and yards besides those in process of construction. They were shipped to all parts of the United States, South America and Mexico. The New Traction will be shown at the Toronto Industrial Exhibition.—*P. J. Gormer, Aug. 21st.*

THE Dominion Government has decided to send a collection of lumber and minerals to the Colonial Exhibition in London, in addition to the collection exhibited at Antwerp. Prof. Selwyn has been entrusted with the task of selecting the mineral exhibit, and a practical man will be chosen to supervise the lumber collection.

The great diaphoretic and anodyne, for colds, fevers and inflammatory attacks, is Dr. Pierce's Compound Extract of Small Wood, also cures colic, cramps, cholera morbus, diarrhoea and dysentery, or bloody-flux. Only 1 cent.

Axes & Cross-Cut Saws.

CANADIAN AXES.

Both inlaid and overlaid steels, 10 patterns, from \$7.00 upwards per dozen.

AMERICAN AXES.

Both inlaid and overlaid steels, eight patterns, from \$10.00 upwards per dozen.

SILVER STEEL LANCE-TOOTH CROSS-CUT SAWS.

Warranted to be good temper or will be replaced. Special three square and extra fine cut flat files for these saws.

BLOCKING AND BROAD AXES

Of extra shape and quality. Samples of axes and saws sent to any address on approval and for selection.

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Importer of Heavy and Shell Hardware. Sole Agent for the B-4-Ax-Axe. 6417

A FULL LINE of all Size Single and Double Belting constantly in stock.

All ORDERS Filled same days as received.



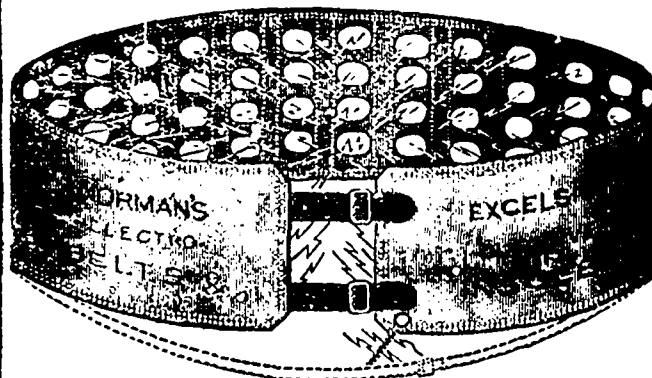
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Norman's Electro-Curative Belt!

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This Belt is the last improvement and the best yet developed Curative Appliance in the world for

INDIGESTION,
NERVOUS DEBILITY,
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and all diseases of men, and is a grand remedy for Female Complaints also. Circular and consultation free.

LUNG INVIGORATORS

KNEE CAPS.

SPINE BANDS,

SHOULDER BANDS.

A. NORMAN, Medical Electrician

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N. B.—Mr. Norman has had long experience in the Treatment of Diseases by Electricity, and will give his personal attention to every case, by letter or examination