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PUBLISHED  
SEMI-MONTHLY.

The only Newspaper devoted to the Lumber and Timber Industries published in Canada.

SUBSCRIPTION  
\$2.00 PER ANNUM

VOL. 4.

PETERBOROUGH, ONT., MARCH 15, 1884.

NO. 6.

#### A NEW LUMBER PROJECT.

The international bridge between Fort Erie, Ont., and Black Rock crosses an island in the Niagara river known as Squaw Island, containing about 500 acres of good land, with a large and valuable frontage on the river and Black Rock harbor. A railway company has been recently organized under the title of the Squaw Island Railway Company, who are taking steps to acquire possession of the island, it is said with the object of building it up with wharves and docks and making it a great railway and shipping point for lumber and freight. The Squaw Island Railway Company is believed to be the New York Central and Hudson River railway under a new title, and to them in a few years the island would be worth several millions of dollars. The Grand Trunk, which virtually owns the International bridge, a possession which, as previously stated, crosses the island about its centre, and various property owners along the river front down to Tonawanda, which is ranking high as a lumber port, and whose property is threatened by this move, as well as various other railroads, will probably bitterly contest the proceedings for the confiscation of the island, and a long legal fight will possibly follow the contest.

#### TREES FOR COLD CLIMATES.

The special committee of the House of Commons on agricultural industries met on Friday morning, Mr. Gignault in the chair, when Mr. Charles Gibb, of Abbotsford, P. Q., was examined. Mr. Gibb has travelled in Great Britain, Germany, Russia and other European countries, making particular observations regarding their horticulture, and he is also the author of a pamphlet entitled "Fruits of the Cold North; a report on Russian fruits, etc." In his opinion the great obstacle to the introduction of fruits into the Northwest was the coldness of the climate, and, in Manitoba at least the conditions of the sub-soil. The country was such a vast one that there were totally different soils and climates in different parts of it, and a tree which might thrive well at Medicine Hat might not grow at all in Winnipeg. He thought the Government should encourage the horticulture of the country in the way it was encouraged by the Governments of Germany and Russia, viz., by the establishment of experimental farms or gardens, with a view to testing the kinds of trees which would best suit the different localities and by distributing those most suitable throughout the various localities. Southern trees would not thrive well in northern climes, but there was good reason for believing that the trees which thrive well in Germany and Russia would thrive well here. These trees should be imported, tested in the experimental grounds, and sold to the people of the neighborhood. At first trees of quick and easy growth should be tried. Of the non-fruit

bearing trees required in the North-West, it would be well at first to import the white willow, the white silver poplar, the white ash, the Norway spruce and other hardy and rapid growing varieties. For the northwest the question was to obtain trees which would mature as soon as possible. Throughout Europe, forestry was looked upon as a subject of great importance. The government of Russia owned and managed over 200 hundred forestry stations, and there are numerous plantations of fruit trees under the control of the Government of Russia, Germany and other European countries. While in Russia Mr. Gibb spent about three months in what are known as among the coldest habitable regions of the earth, and he found there fruits which flourished. At points in which the temperature ranged considerably lower than it does in Canada, he found excellent fruit in apples and pears and cherries in great quantities, and the trees which produced this fruit were suited to the climate and need no special care, and there was no reason to doubt that if transplanted in this country they would prove equally vigorous and plentiful. They should be imported here in quantities? In Germany all the school teachers were required to know something about horticulture. Each teacher was provided with a little plot of land in which he was expected to impart instruction, in a practical way, to his pupils. Botanic gardens were established in all parts of the world; and have been the means of advancing the horticulture, not only of Europe and Asia, but of Australia, the East and West Indies, Iowa, Minnesota, etc. Our lack was not so much a lack in culture as it was of the varieties of fruit suited to our climate—varieties which we can grow to a profit. If we had an experimental garden or plantation, we could import from Russia and Northern China the varieties we required, we could test and propagate them here, and they could be distributed to the great advantage of the country. In Iowa there were eight or ten of these experimental gardens, and in Minnesota as many more. Ottawa would be a very good place for a central garden of this kind; and smaller ones might be established in different directions throughout the country. Ten acres would at first be sufficient for the proposed garden; but he (Mr. Gibb) would like to have another ten acres alongside to be made available at pleasure. Of course they should be under the control of practical horticulturists and not in the hands of politicians. Well managed, they would afford the means we so much needed of introducing new, suitable and improved varieties of fruit trees into the country. In conclusion, Mr. Gibb said it would be advantageous to distribute handbooks throughout the country; and spoke of the hardy varieties of excellent wheat he saw in Russia, which, he thought, should be imported into and tested in Canada. He also

referred to the success with which the Russians cultivated the sugar beet, and said that almost all the sugar used in Russia was the product of the beet.

#### CURTAILMENT OF SWEDISH SUPPLY.

We are to-day (*Stockholms Dagblad*, Feb. 11) enabled from fully reliable sources, to inform our readers of an important resolution agreed to by our timber exporters. As mentioned in the yearly report of the Saw-mills and Timber Export Society, the floating of the timber in Norrland has, during the last two years, taken place under favorable conditions, and the stocks at the saw mills ready for export, are therefore very large. They are calculated to amount to about 400,000 standards. True, this is not more than what was stocked at the mills at the same time last year, but there is no doubt that the stocks were then a great deal too large.

This was proved by the forced sales and exports at the beginning of the season of 1883, which so injuriously affected prices. The total export from Sweden during 1883 amounted to about 750,000 standards sawn timber, a quantity largely in excess of former exports; and in 1882 the export was 715,000 standards; and in 1881 about 611,000 standards. These large sales could only be effected at prices which leave no profit, and having ascertained that the stocks actually at the saw mills are just as large as before, a considerable number of saw mill owners now clearly see the necessity of a curtailed production.

The first step in this direction ought, of course, to be a reduction in the cutting, but the amount of cutting is principally arranged during the autumn, so that it is now too late to make any alteration in this, and any arrangement in this respect must be left over till next autumn. There is thus no other way in which to curtail the output and strengthen prices than by preventing too large quantities being prepared for the market and offered for sale. A number of saw mill owners, representing an export in 1883 of about 400,000 standards sawn timber, came lately together, and "on their word and honor," and under the control of some gentlemen specially appointed, the greater part promised to reduce their export this year by 25 per cent., and in some cases to reduce their sawing in the same proportion. In this way the quantity of sawn timber available for export from Sweden this year will be 100,000 standards less than in 1883. By this means the saw mill owners hope to be able to raise prices at least to a figure which will cover the value of the timber.

This effort to steady prices would, perhaps, in itself not suffice, if the assistance of owners to reduce cuttings this autumn and next year could not be relied on. But from what was said at the meeting at Sundswall by a great many saw mill proprietors, which later on signed the convention, it would appear that there is a

general feeling of the necessity of short working, and that the majority will adopt it. Should this be adhered to with steadiness, there can be no doubt that the higher prices will fully compensate for the increased proportionate cost of production, and, however reluctant foreign buyers are to place orders, there is still reason to look forward with confidence to the result of this season's trade.

Although not all the saw mill owners in Norrland were willing to join the convention, the fact that those entering into the agreement represent two-thirds of the export from Norrland may be taken as a proof the prevailing opinion, and from what we can here we have good reason to expect that many of those who have not thought it right to sign the agreement are still determined to act in the same spirit.

The seat of the controlling committee is Stockholm, and the president is the Count Hallwyl, owner of the Ljusna Mill; the other members are: Mr. M. Arhusander, Mr. v. Fisk, Mr. J. E. Francke, of Stockholm, and Mr. Wilhelm Kompe, of the firm of Joh. Wikner & Co., Hernösand.

#### A White Rainbow.

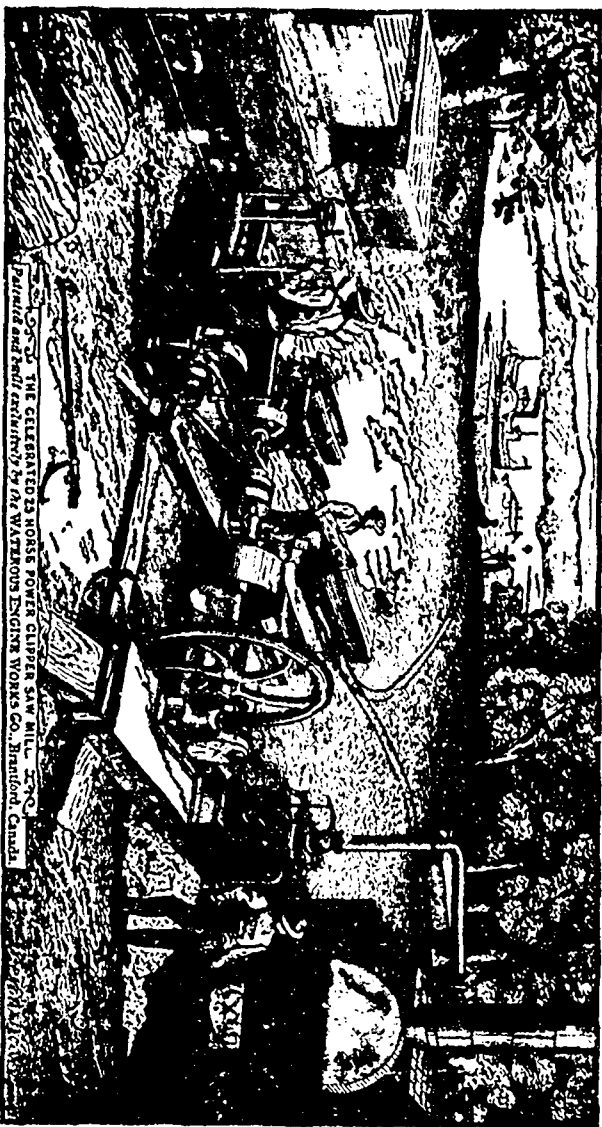
Among the remarkable celestial effects of last November may be reckoned the appearance of a white rainbow, or *cercle d'Ulloa* seen at Courtonay, (Loiret), France, on the morning of the 28th of that month. This phenomenon is very rare, and is described by M. Cornu, the well-known astronomer, in a note to the French Academy of Sciences. The sun, which rose in the midst of the level streaks of cloud was very pale; an intense hoar frost covered the fields; a fog of very fine water drops formed a thin veil through which the sky could be seen free of clouds at the zenith, but swathed in bands of cloud on the southeast. Opposite the sun a great white arc or rainbow without color was pictured on the fog, and recalled the smoke crowns of phosphorated hydrogen. The apparent height from the summit of the arch to the horizon was 23 deg. 26 min., the apparent amplitude or span 80 deg. The apparent altitude of the sun at the time (0.41 A. M., Paris time) was 17 deg. 34 min.—*Engineering*.

It would more than repay a day's sojourn at Jonkoping, says the *Pall Mall Gazette*, to visit the factory whence proceeds not a small part of the light of the world. The latest novelty, only at work for about a month, is an enormous engine, which daily produces 1,000,000 boxes of Swedish matches. This wonderful machine receives the raw material, namely, blocks of wood at one end, and, after a while, gives up at the other the matches neatly arranged in their boxes, ready to be dispatched to the uttermost ends of the world. The wood which in the course of last summer was brought over to Jonkoping to be made into matches filled twenty steamers and eight sailing vessels.



# Semi-Portable and Portable Direct Action and Belted Saw Mills!

TEN DIFFERENT SIZES.

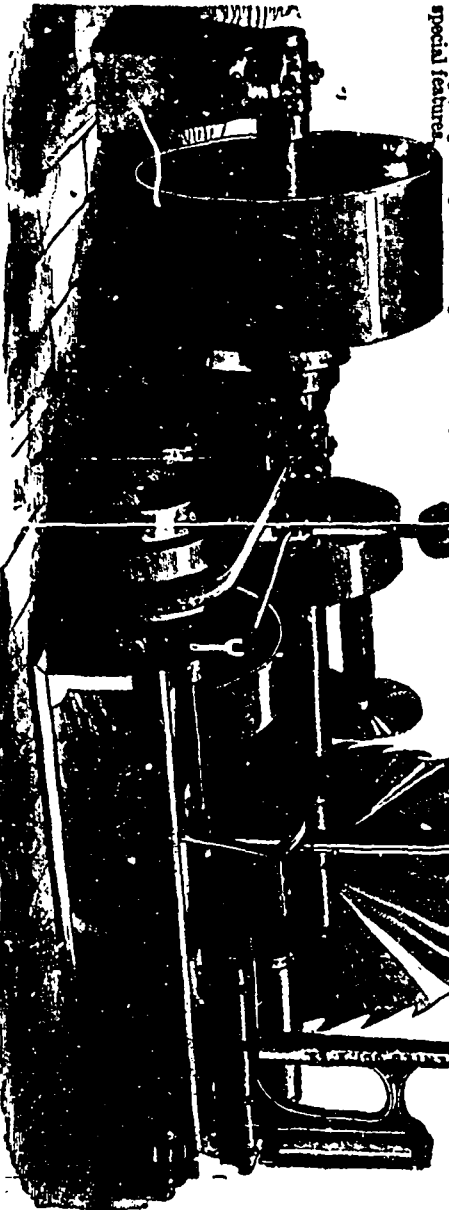


THE CELEBRATED HORSE POWER GIPPER SAW MILL, PATENTED AND BUILT ENTIRELY BY DR. WATSON'S ENGINE WORKS CO., BRANFORD, CANADA.

Above cut represents Our 25 H. P. Patent Direct Action Mill which we guarantee to cut 8,000 to 12,000 feet of lumber per day of ten hours, and to be the most efficient, economical and durable mill built in America, and will saw lumber cheaper per thousand than heavy large size belted or gear mills. For over a quarter of a century the leading pioneer mill of Canadian settlers. Specially constructed for hard work.

## IMPROVED SAW FRAME

Using 4 to 12 inch Face Frictions; Steel Mandrels; Reservoir Oil Boxes; Double Leather Feed Belts, from 2 1/2 to 6 inches wide, takes 72 inch Saw and under. **CARRIAGES** to cut any length desired for slabbing or stock purposes, ship yards, etc.; Hatchet or Gantry Friction Set Works, Eagle Claw Dogs, Tiger Dogs, Receiving Attachment, and special features.

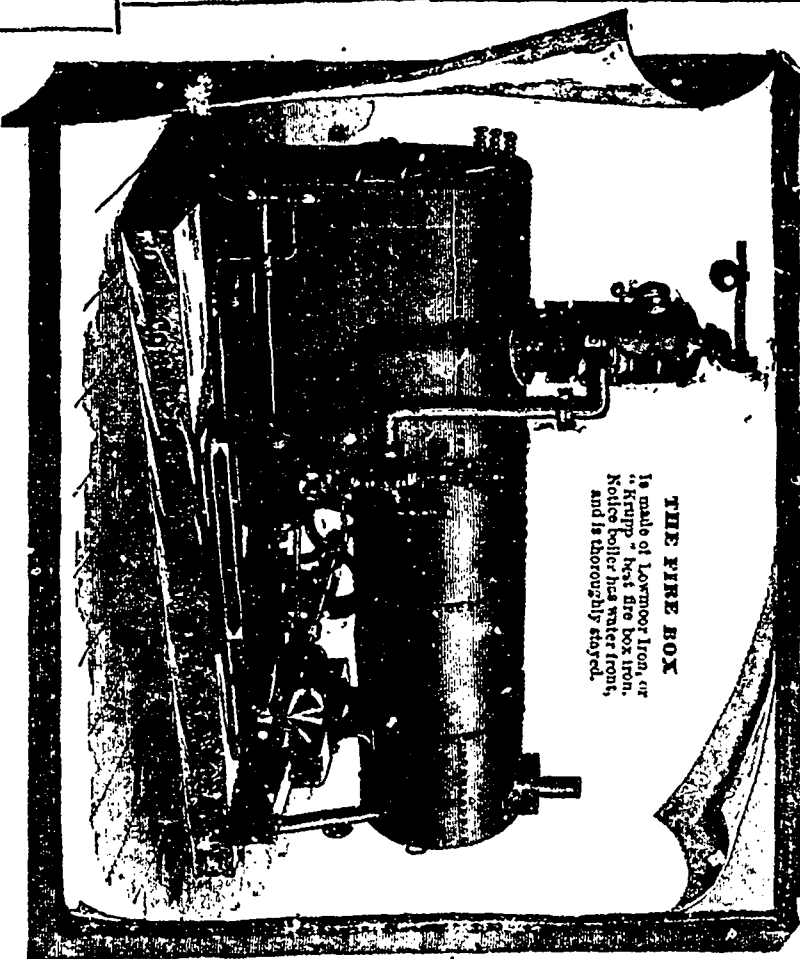


Double Edgers, 2, 3 and 4 saws; Automatic Lumber Trimmers, 5 to 9 saws each; Log Turners, Slash Tables, Log Jacks or Haul-up of all Capacities, Endless and Single Chain; Automatic Log Rollers, Transfers, Live Rolls, Shingle Machines, Drag Saws, Knee Bokers or Block Splitters, Shingle Packers, Gang Lath Mills, Stave Machines, Automatic Sawdust Feeders for Gangs of Boilers, Sawdust, Slab and Refuse Conveyors, Elevators, Picking Governors, Worthington and Blake Steam Pumps, American Planing and Matching Machines, American Saws, Solid and Inserted Tooth, Extra Thin Circular Board Saws a specialty, Swage, Summers, Emery Wheels, and all kinds of Saw Mill Furnishings kept in stock.

# WALTERS ENGINE WORKS CO., Branford, Canada.

Send for New Price List and Illustrated Circular, of special interest to saw-mill men.

Mention this Paper.



**THE FIRE BOX**  
Is made of Lowmoor Iron, or Krupp's best fire box iron. Notice boiler has water front, and is thoroughly stayed.

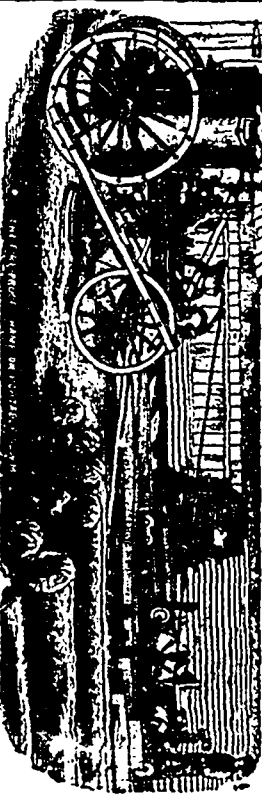
This cut represents the Engine furnished with Nos. 8, 12, 16 and 18 Saw Mills.

A. & P. White, Pembroke, have one of these 30 H. P. mills at Deux Rivieres, C. P. R. & C. V. Hall, Quebec, has one of these 3 H. P. mills at St. Agnes, Quebec. A. F. & R. Wallace, Gardner's Creek, N.B., with 60 foot Ship Yard Carriage.

## Champion Portable Saw Mills

12, 16, and 20 H. P.

George Boer writes as follows:—"St. Agnes, Ont., July 21st, 1882. I have just finished making with your 20-horse power Champion Engine, and No. 3 mill, before harvest. At the last place I set down, we cut 316,000 feet, mostly inch, 7000 being mill run in the woods. We were just ten weeks from time we started mill till we returned home with it. I've saved the above without an accident or delay of any kind. I have run the mill now three years almost constantly. I find no trouble in keeping up steam with the slide and return just as it comes from saw and frequently use a portion of the sawdust. I can saw 2,000 feet 1-inch lumber in an hour."



The following are a few who have bought these mills:

- Canada Pacific R. R. Co.
- G. B. Hall & Co., Que. (2)
- Dominion Land & O. Co.
- Sherbrooke, Que. (2)
- Sorel R. R. Co., Que. (2)
- Cocharne Ranch Co.
- Bow River, N. W. T.
- Nor. West Milling and Mining Co.,
- Bow River, N. W. T.
- Toronto and Nor. West Colonization Co.,
- Near Brandon.
- Morton Dairy & Farming Co., Turtle Mountain.
- Allan Grant, Ottawa.
- Geo. Parley, Ottawa.
- Michipicoten Native Copper Co.,
- W. W. Stewart, Montreal.







LIST OF PATENTS.

The following list of patents upon improvements in wood-working machinery, granted by the United States Patent Office, March 4, 1884, is specially reported to the CANADA LUMBERMAN by Franklyn H. Hough, solicitor of American and foreign patents, No. 617 Seventh St., N. W., Washington, D. C. :-

- 291,481.—Box-making and covering machine—O. H. Manneck & W. Wille, Brooklyn, N. Y., and New Haven, Conn.
291,671.—Clutch friction—J. K. Proctor, assignor to J. Smith Woolen Machinery Co., Philadelphia, Pa.
291,601.—Lathe, (turning)—H. W. Farley, Oswego, Ill.
293,389.—Mortising machine—E. J. Humphreys, Millbury, Mass.
294,724.—Plane, rounder.—H. P. Cope, assignor of one half to J. H. Bissell, Detroit, Michigan.
291,718.—Saw buck B. R. Baker, Northfield, Minn.
291,346.—Saw dipping machine—E. C. Atkins, Indianapolis, Ind.
294,452.—Saw machine band—W. H. Dodge, Mishawaka, Ind.
294,442.—Saw mill circular—W. P. Clark, Belmont, N. Y.
492,692.—Saw mill dog—W. H. Snyder, Waynesborough, Pa.
294,710 and 294,711.—W. M. Wilkin, East Saginaw, Mich.
294,439.—Saw swaging machine—P. B. Charbonneau, assignor of two thirds to H. A. Fraser & J. B. Barber, Bay City, Mich.
291,672.—Shaft coupling friction—J. K. Proctor & L. W. Huckins, assignors to J. Smith Woolen Machine Co., Philadelphia, Pa.
294,676.—Wood preserving.—W. W. Robinson, Ripon, assignor of one-half to G. N. Lyman, Milwaukee, Wis.

The Winter's Cut on Lake St. Clair.

It is estimated that about five million feet of cottonwood, sycamore, basswood and elm has been cut this winter in Essex county along the shore of Lake St. Clair for manufacturing into hoops and heading. It will be rafted next summer to Detroit and Trenton mills.

FACT STRANGER THAN FICTION.—It is a fact that Alonzo Howe, of Twoed, had a fever sore that afflicted him for thirty-five years. Six bottles of Burdock Blood Bitters cured him, which he considers almost a miracle. It was but the natural result of the remedy restoring pure blood and perfect secretion.

A FAVORITE EVERYWHERE.—Wherever introduced Hagar's Yellow Ointment finds it is the old reliable household remedy for external and internal use in all aches, pains, lameness and soreness of the flesh. A. L. Geen, a prominent druggist of Belleville, says: "It is a great favorite here, and has a good sale."

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15 RED CEDAR POSTS,

10 Feet Long, at least 5 inches thick. Address, giving price, S. Revoir Office, Peterborough, Ontario. d30w6

FOR SALE.

SAW MILL, STOCK and Limits,

Situated at Tobermory, Co. Bruce

Stock on hand, Three Hundred and Fifty Thousand Feet Dry Lumber, Eight Hundred Thousand Pine and Cedar Shingles, Four Hundred Cord's Wood, Ten Thousand Five Hundred Pieces Paving, Two Thousand Six, Four Hundred and Forty-five Thousand Feet Pine in the Log, Cedar Timber for 750,000 Shingles. Saw Mill Capacity 20,000 feet per day. Docks, Buildings, Horse, Waggon, Sleighs, Supplies, &c., Eighteen Hundred Acres Land, timbered with Pine, Oak, Cedar, Black Birch, Basswood and Maple, enough to run the Mill ten years. Everything in first-class order and new. The whole amounts to \$10,000, figured at cost. The Property will be sold at a Bargain. For further particulars apply to

MATTLAND & RIXON, Owen Sound, Or S. C. KANADY & CO., Toronto.



PRITCHARD & MINGARD GENERAL ENGRAVERS.

Stenail Plates, Steel Stamps, Rubber Stamps, &c., OTTAWA, - ONTARIO.

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Shingles, Doors, Sash, Flooring, &c., WANTED,

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Building & Bridge Timber Sawn to Order. Pine, Spruce and Hemlock Lumber by the Cargo.

Steam Saw Mills, Box Factory and Yards.—342 to 350 William St., and 139 St. Constant St., Montreal. Steam Saw Mills, L'Assomption, P.Q. P. O. Box 804.

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THE UNDERSIGNED having largely extended their raceway at Lakesfield, are desirous of corresponding with parties who wish to go into manufacturing, and they are prepared to sell or lease water power on the most favorable terms, or would erect buildings of any size suitable for factories.

R. & G. STRICKLAND BOILERS FOR SALE.

Locomotive Type, about 70 Horse Power, Lowmoor Fire Boxes, Steel Barrels. APPLY, Canadian Locomotive & Engine Co., Limited, Kingston, Ont.

Agents wanted for The Lives of all the Presidents of the U. S. The largest, handiest, best book ever sold for less than twice our price. The fastest selling book in America. Immense profits to agents. All intelligent people want it. Any one can become a successful agent. Terms free. HALLITT BOOK CO., Portland Maine.

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THE INTERNATIONAL TENT & AWNING CO. 184 Sparks Street, Ottawa.

MANUFACTURERS OF

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6 MEDALS AT HALIFAX 1883.

LUMBERMEN'S TENTS

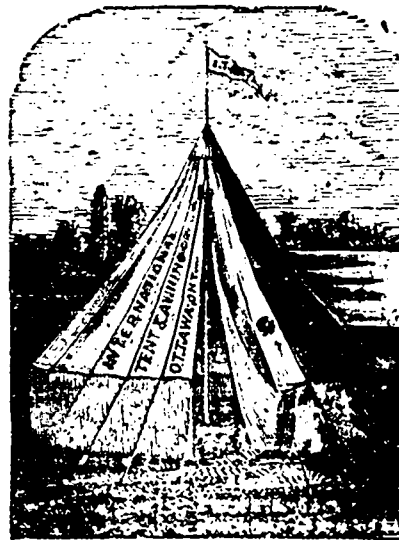
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SEE OUR NOVELTIES Camp Furniture!



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We control "THE LATOUR PAT." for Camp Furniture, the best on earth. The only Gold Medal ever given for this class of goods was awarded to the Latour Camp Furniture at Toronto in 1882.

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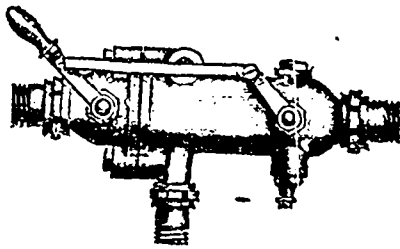


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Montreal Brass Works,  
St. Peter and Craig Streets, Montreal.

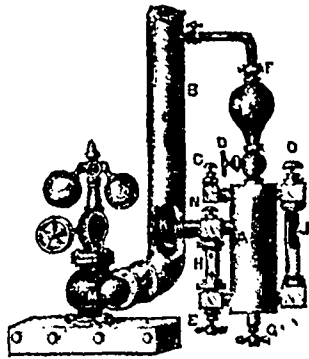
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Will lift 20 feet, and take water at 150 degrees. Only one handle to start and stop. No valve to regulate. CHEAPER than any other injector in the market. Also, PATENT EJECTORS for conveying water or liquids. CIRCULARS ON APPLICATION.

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One of the Best  
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It is a specific in the cure of all diseases of the Kidneys, Bladder, Prostatic Portion of the Urinary Organs, Irritation of the Neck of the Bladder, Burning Urine, Gonorrhoea, in all its stages, Haematuria, Diabetes, Concentration of the Kidneys, Brick-dust Deposit, Diabetes, Inflammation of the Kidneys and Bladder, Dropsy of the Kidneys, Acid Urine, Blistering Urine, Pain in the Region of the Bladder, PAIN IN THE BACK, Urinary Calculus, Renal Calculus, Renal Colic, Retention of Urine, Frequent Urination, Gravel in all its forms, Inability to retain the water, particularly in persons advanced in life. IT IS A KIDNEY INVESTIGATOR that restores the Urine to its natural color, removes the acid and burning, and the effect of the excessive use of intoxicating drinks.

PRICE, \$1; or, Six Bottles for \$5.

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WILL CURE OR RELIEVE.

BILIOUSNESS, DIZZINESS,  
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INDIGESTION, FLUTTERING  
OF THE HEART,  
JAUNDICE, ACIDITY OF  
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SALT RHEUM, DRYNESS  
HEARTBURN, OF THE SKIN,  
HEADACHE, AND every species of diseases arising from  
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RUBBER BELTING, RUBBER PACKING, RUBBER HOSE,  
LINEN HOSE and COTTON HOSE.

A Full and Complete Stock always kept on hand. WRITE FOR PRICES and DISCOUNTS.

We have the Largest and best equipped RUBBER FACTORY in the world for the manufacture of VULCANIZED INDIA RUBBER GOODS for Mechanical Purposes.

Our trade here has increased to such an enormous extent that in order to keep up with the demands, we have purchased from Major John Gray, M.P.P., Parkdale, the plot of ground situated on West Lodge Avenue, adjoining the Credit Valley, Toronto, Grey and Bruce, Northern and Grand Trunk Railways, for the erection thereon of a BRANCH RUBBER FACTORY, works to be in full operation January 1st, 1884.

THE GUTTA PERCHA AND RUBBER MANUFACTURING CO.

# T. MCILROY JR.

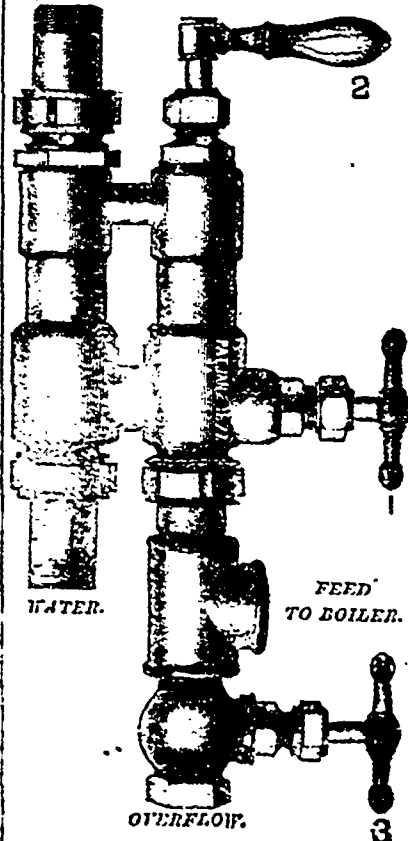
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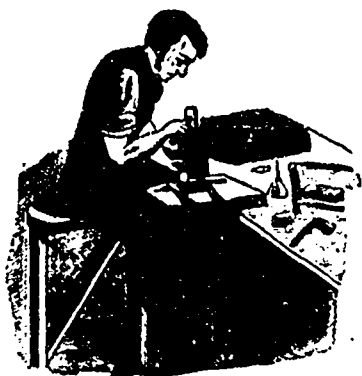
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MONTREAL, P.Q., CANADA.

Manufacturers of Inspirators, Ejectors, and General Jet Apparatus.

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**File Manufacturers**

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**LEATHER BELTING**



70 King Street East, Toronto.

SPECIALTY: Belting made from J. B. HOYT & Co's American Oak Tanned Leather.

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**Lumber Drivers' Galks**

TEMPERED IN OIL.

25 BALL and 5 HEEL to Set

The Galks are now used by all the principal Drivers in Maine and New Brunswick.

Kept by Dealers in Lumbermen's Supplies

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**T. McAVITY & SONS**

Dealers in Lumber and Mill supplies.

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Samples sent by mail on application.



Established 1874.

Established 1874.

**NORMAN'S ELECTRO CURATIVE APPLIANCES**

RELIEVE AND CURE

Spinal Complaints, General and Nervous Debility, Nervousness, Rheumatism, Gout, Liver, Kidney, Lung, Throat and Chest Complaints, Neuralgia, Bronchitis, Incipient Paralysis, Asthma, Sciatica, Sprains, Consumption, Sleeplessness, Colds and Indigestion.

Ask for NORMAN'S ELECTRIC BELTS and you will be safe against imposition, for they will do their work well and are cheap at any price.

A. NORMAN, ESQ.—Dear Sir,—Please send me a waist belt. Enclosed find price. Head band I got for my wife has almost cured her of neuralgia. Yours truly,  
C. L. TILLEY, WATERVILLE, N.B.

Numerous of such testimonials can be seen at my office, proving that they are doing a good work and worthy the attention of all sufferers. Circulars free. No charge for consultation.

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NORMAN'S ELECTRO CURATIVE TRUSS is the best in the world. Guaranteed to hold and be comfortable. Circular free. N.B.—Trusses for Rupture, best in America, and Electric Batteries always on hand at reasonable prices.

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—MANUFACTURERS OF—

**AXES and EDGE TOOLS**

OF EVERY DESCRIPTION.

Old and Reliable, the Best Axes made in Canada.

**HUGH GIBSON,**

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KNIGHT'S PATENT "EXCELSIOR"

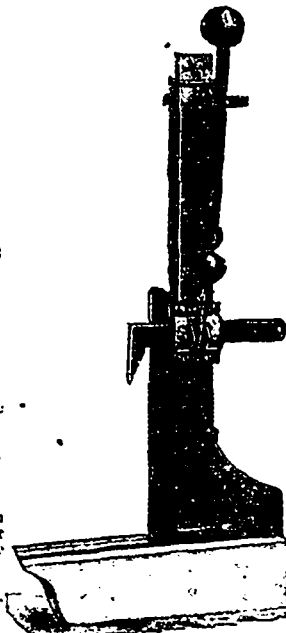
**SAW MILL DOGS**

The Sawyer's Favorite

For Holding Logs upon a Saw Mill Carriage while being Sawed into Lumber.

MISSISSAUGA, June 7th, 1883.  
HUGH GIBSON, ESQ.—Your Patent Excelsior Mill Dogs give entire satisfaction, and is certainly up to your recommendation. They are the best Mill Dog in the market. I am very much pleased with them.  
Yours Respectfully,  
PETER McLARREN.

BERKLEY, April 20th, 1883.  
HUGH GIBSON,—Sir,—The Dogs I bought of you give satisfaction. They beat any Dog that I ever saw for ripping or edging lumber on carriages. They are just the thing for scantling. I would not take \$50 for them to-day and have to wait for another pair to come from you, because I believe they make two dollars a day for me.  
Yours truly,  
GEO. S. BROWN, JR.



Manufactured by HUGH GIBSON, CHATHAM. EXCELSIOR DOG.

**THE TRADE**

Will always find a Large Stock of

**SHANTY BLANKETS**

In every Size and Weight, and

**HORSE BLANKETS**

AT LOWEST MILL PRICES.

**JOHN MACDONALD & Co.**  
**TORONTO.**

A Magnificent Line of All Wool Fawn Blankets.

SAMPLE ORDER WILL HAVE OUR BEST ATTENTION.

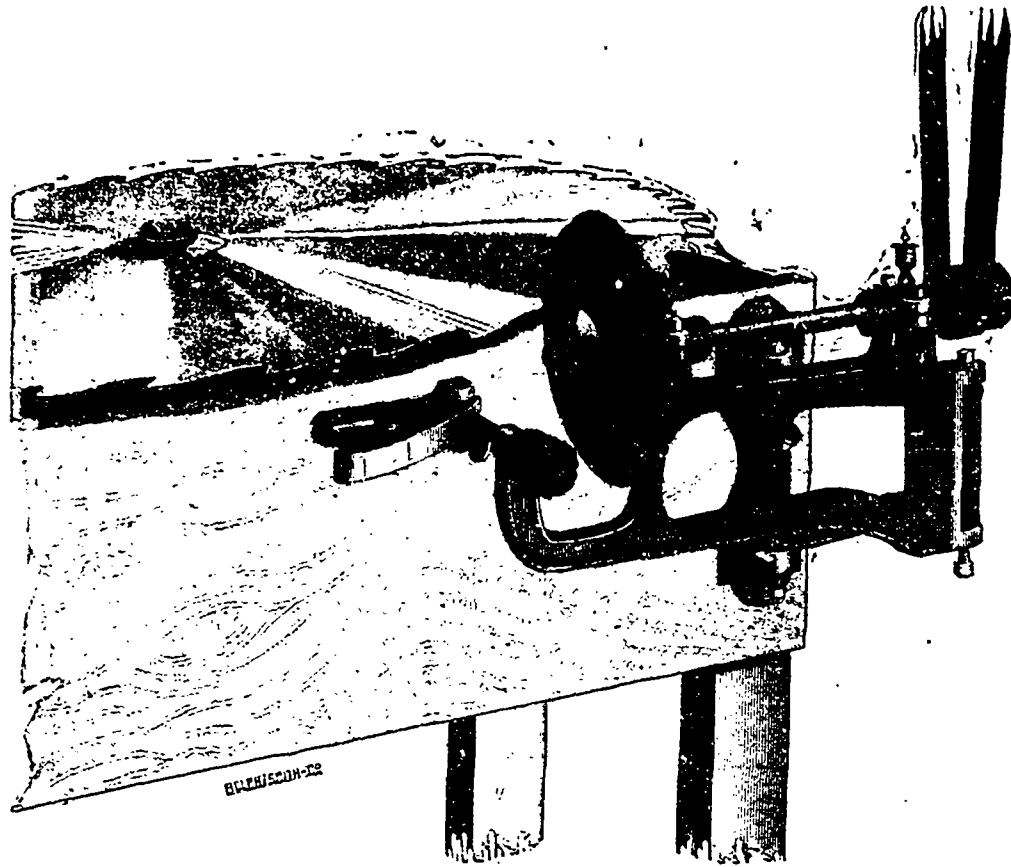
# ROGERS' PATENT SAW GUMMER and SHARPENER

*The Handiest Machine for these purposes ever Invented.*

Don't Heat!

Cheap!

Very Simple!



Accurate!

Works Fast!

Complete!

## Lumbering Season, 1884

*Saw Mill Owners in providing for the season of 1884, ought not to lose sight of ROGERS' SAW GUMMER for it will save them more money in proportion to the amount invested than any other machine.*

**Only \$30, including Emery Wheel ; Table and Countershaft, \$10 extra.**

*A few of ROGERS' SAW GUMMERS were put on the market last season, and we quote some of the commendations received :*

JAS. HADDEN, Foxmead, says:—  
"Your machine is all I expected."

CHAS. ANDERSON, Anton Mills, says:—  
"I have given it a good trial, and am well pleased with it.  
I find it is one of the indispensables in a saw mill." \* \* \*

ROBT. R. WEIR, Orillia, writes:—

"It works like a charm, and is very accurate in its work."  
CRONE & PATTON, Hoc Roc Mills, Gravenhurst, says :  
"The Rogers' Saw Gummer purchased from you gives  
"good satisfaction, \* \* it cannot be beat."

D. DAVIDSON, Pentaguisheno, writes:—

"We are well pleased with the Gummer."

W. W. BELDING, Wyovale, writes:—

"I have the Gummer running and it is giving good  
"satisfaction."

ADDRESS ALL ORDERS TO THE

## Hart Emery Wheel Company, Limited - Hamilton, Ont.

Manufacturers of Hart's Celebrated Patent Wire Strengthened Emery and Corundum Wheels.

—IT WILL PAY YOU—  
TO SUBSCRIBE

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# Canada Lumberman

FOR THE FOLLOWING REASONS:

1. It is the only newspaper published in the Dominion of Canada devoted to the lumber and timber industries.
2. It is devoted to the development and utilization of our forest wealth.
3. It furnishes complete and reliable quotations of prices of lumber in all the leading markets.
4. Its columns are filled with interesting reading matter, valuable alike to the land owner, manufacturer or dealer.
5. It costs only \$2.00 per year to have it sent, post-paid, to any address in Canada, and no land owner, lumber dealer, manufacturer or individual in any way connected with timber industries, can afford to do without it.

## TO ADVERTISERS.

It has a circulation among saw mill owners, manufacturers, lumber and timber dealers and all classes connected with the timber business.

Examine the field, count the cost, and you will at once decide that the CANADA LUMBERMAN is the

—CHEAPEST, BEST, MOST RELIABLE and ONLY TRUE MEDIUM—

for placing your goods or wares before the saw mill men and lumber and timber dealers of the Dominion.



# The William Hamilton Manufacturing Co'y

MANUFACTURERS OF (LIMITED)

## SAW MILL & GENERAL MACHINERY

**We make a Specialty of Heavy Saw Mill Machinery.**

OUR SAW MILL ENGINES are made Strong, Neat, and Durable, knowing well the ever varying strain they are subjected to in driving a Saw Mill.

We wish to call the attention of our Canadian Lumbermen to our First Class HEAVY SAW MILL MACHINERY for CIRCULAR MILLS and CIRCULAR and GANG MILLS of the most improved designs. We are prepared to submit Plans and Specifications, together with any information that our many years of close application to the Saw Mill Business may have suggested to us, also when required to enter into contract for building and supplying the machinery complete, superintending the starting of the same, and handing over the mill to its owner in first-class running order.

OUR HEAVY SINGLE CIRCULAR SAW RIG, Complete, with or without Top Saw, Rack, Rope, or our Improved Steam Feed (Patent applied for), is acknowledged by our leading lumbermen to be a first-class article, got up in the best manner possible, and furnished with Headblocks and Dogs to suit our Customers. We also manufacture a lighter Circular Rig for the smaller class of mills (or where there are two circulars required in the same mill), which is exceedingly smart in its movements, and supplies a long felt want in this direction.

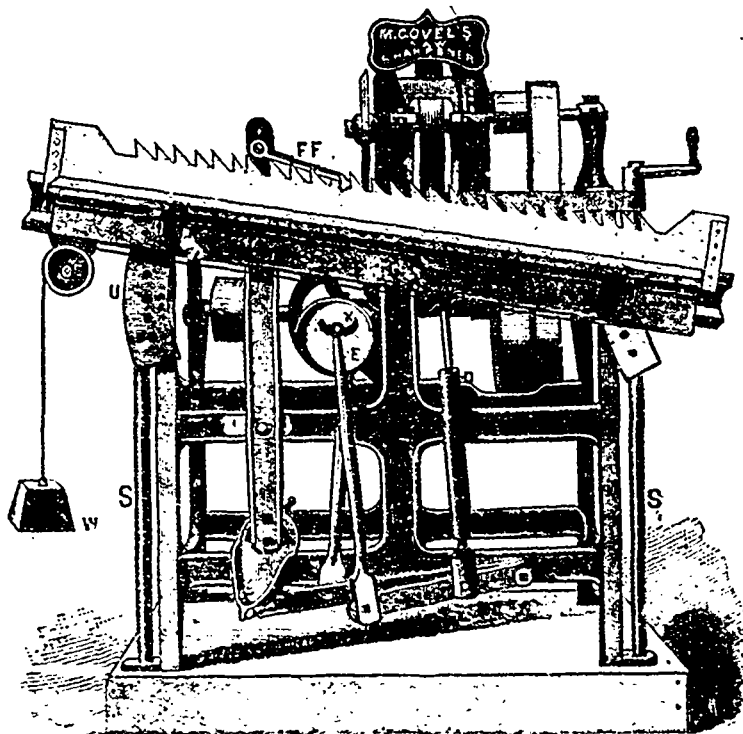
OUR PATENT TWIN CIRCULAR RIG with Rack, Rope, or our Improved Steam Feed (Patent applied for), is now the favourite Machine for Slabbing Logs, and is acknowledged by all to be the smartest and the best Machine for this purpose in the market.

• OUR IRON FRAME OSCILLATING, SLABBING and STOCK GANGS are fitted up with the most improved Machinery, which for Strength, Class of Workmanship and Design cannot be excelled

OUR DOUBLE EDGER is the best, most useful and most substantial article of the kind in the Market, which is proven by the number we are called upon to supply; we put on any desirable number of saws on the Spindle; they can be arranged to suit the work especially required to be done. We also furnish them with one or two Guages for sawing Scantling or re-sawing Lumber.

Our PATTERN WROUGHT IRON ENDLESS LOG CHAIN for drawing up logs, keeping a constant supply of logs in the mill, and requires, from its construction, very little power to drive it. We have furnished the majority of the best Mills in Canada with this Chain, and many Mills in the United States are using it. We also supply when required Trout's Log Counter (Patent applied for), to count the logs as they are drawn into the Mill. By this simple device the proprietor is able at a glance to know at any time during the day how many pieces have been cut, thus enabling him to judge if the Mill is up to her work.

Our most improved LOG CANTERS for Turning Logs on Carriage. We also furnish them with Weirs' Patent Incline Attachment for rolling logs from Skids on to Carriage.



We still continue to manufacture  
THE

### Scovell Saw Sharpener

with all the latest improvements, which Machine has only to be known to be appreciated.

We also manufacture LATH MACHINES, LATH BOLT-ERS, LUMBER TRIMMERS, LUMBER MARKERS, SLASH TABLES, TIMBER CANTERS, LOG DECK CANTERS, SHINGLE MACHINES, KNOT SAWS, DRAG SAWS, SHINGLE JOINTERS, BOLT-ERS, WATER WHEELS, and a variety of the best kinds of Wrought Iron Refuse and Sawdust Carrier Chain (that can be relied on to do their work). Everything required in a first-class Saw Mill.

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