

the prodigious stretches characteristic of the United States, there was the most preserving replacement of every tree which was compulsorily sacrificed for fuel or other purposes. He suggested that, while necessity would ultimately compel us to adopt the European plan in this matter, it would be well to anticipate the iron exigency of the future, thus saving us much positive damage and vexation on the principle that an ounce of prevention is worth a pound of cure.

LIST OF PATENTS.

The following list of patents upon improvements in wood-working machinery, granted by the United States Patent office, March 11, 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. —

- 294,762.—Bit brace Ratchet—W. R. Clarkson, Buffalo, N. W.
 294,985.—Gage attachment for bits, &c.—J. Fuller, sr., Seneca, Kan.
 294,919.—Plane bench—J. Siegley, Wilkes Barre, Pa.
 298,825.—Plane bench—J. A. Traut, New Britain, Conn.
 294,914.—Planing machine—J. A. Roberts, assignor of one-half to D. M. Dwight, Detroit, Mich.
 294,804.—Saw-elevator drag—W. J. Perkins, Grand Rapids, Mich.
 295,115.—Saw filing and setting machine, J. S. Detrick and W. T. Smith, Baltimore, Md.
 295,133.—Saw filing machine—W. Tucker, E. Brookfield, Mass.
 294,989.—Machine shaft and bearings—G. S. Gates, Athol, Mass.
 295,008.—Shingle machine—E. B. Hewett, and G. F. James, Tenino, Washington Territory.
 294,036.—Timber and lumber stamp—L. Thrush & L. Wilson, Brookville, Pa.
 294,777.—Wood-worker's dog—J. Forbes, San Francisco, Cal.

PATENTS ISSUED MARCH 18.

- 295,178.—Bench dog and clamp combined—O. C. Johnson, Springfield, Vt., assignor to Millers Falls, Co., Millers Falls, Mass.
 295,407.—Chuck brace—G. W. Kerr, Bridgeport, Conn.
 295,229 and 225,230.—(two patents)—Chuck lathe—G. A. Cotton, assignor of one-half to H. C. Hooker, Syracuse, N. Y.
 295,466.—Cutting tool—J. B. Wallace, Chicago, Ill.
 295,173.—Lath sawing machine—W. E. Hill, Kalamazoo, Mich.
 295,234.—Lumber drier—L. Rollins, Mountain Creek, assignor to himself and O. Stalker, Montgomery, Ala.
 295,418.—Lumber drying apparatus—A. S. Nichols, Pullman, Ill.
 295,191.—Match splint machine—G. H. Millen, & E. Mousseau, Hull, Quebec, Canada.
 295,162.—Mortising machine—W. W. Green, Chicago, Ill.
 295,236.—Mortising machine, boring attachment—W. H. Doane, & G. W. Bugbee, Cincinnati, Ohio.
 295,316.—Plane attachment rabbit—C. A. Warfield, Philadelphia, Pa.
 295,414.—Plane bench—C. A. Mockins, New Haven, Conn.
 295,335.—Saw—W. H. Hankin, jr., Brooklyn, N. Y.
 295,303.—Saw mill—J. M. Story, Spring City, Tenn.
 295,170.—Tenon extractor—O. Hendrick, Macon, Miss.
 295,354.—Vice—W. H. Cloud, Detroit, Mich.

Encouragement of Small Manufacturers.

The New London, Conn., *Day* says that there has been a decided recent growth of manufacturing in that place, and in discussing the subject has the following suggestion: "These interests can be further stimulated and developed by the erection of a building in which room with power can be furnished to manufacturers of limited capital who are unable to buy land and build for themselves. In every city where manufacturing interests are of importance such buildings are to be found. They are hives of industry and paying investments to the men

who own them. Many establishments throughout the country which have grown to importance have been started by men who in the beginning did not have the capital to furnish their own power, and many of the most prosperous manufacturing enterprises, on a small scale, to be sure, but yet substantial and yielding large returns on the money invested, are those which occupy leased premises and hire their power." It is added that the late Richard D. Chapel had proposed to erect such a building, and that, as a shrewd and experienced business man, his taking up the subject was a very valuable endorsement of the soundness of the views just expressed.

The Norway-British Lumber Trade.

The *Timber Trades Journal* says:—The table of Norway exports of timber for 1883, furnishes still further evidence of the importance of British trade in that industrious and thriving nation. In 1882 the trade of the United Kingdom with Norway in wood was, compared with that of all other countries together, as 546 is to 362; but in 1883 the disproportion was still greater, being as 603 to 337. Whether we needed all this immense quantity, while other timber chipping countries were also pressing their produce on our markets is another question; but any way we got it. Nor do the published figures tell the whole truth as to the quantity, as the statement only comprises the register tonnage of the ships employed to carry it away, and to that we may add at least one-third more, which would make instead of 608,000 tons for last year's supply from Norway, over 800,000 tons, and about 450,000 to the rest of the world.

The Rathbun Company.

In the New York Assembly a bill was passed authorizing the Rathbun Lumber Company, a Canadian corporation, to do business in the state. In the Senate a bill was reported from the Assembly allowing the Ogdensburg & Lake Champlain Railway to own propellers on the lakes, and was referred to the Canal Committee.

Lumberman's Convention.

On April 11th, a lumberman's convention will be held at Vicksburg, Miss. Excursion rates over the Illinois Central Railroad will be furnished to all who wish to attend. For full information as to time of starting, rates, sleeping cars, etc., address J. E. Kerr, passenger agent, Manchester, Iowa.

Advice to Mothers.

Are you disturbed at night and broken of your rest by a sick child suffering and crying with pain and cutting teeth? If so, send at once and get a bottle of Mrs. Winslow's Soothing Syrup for children teething. Its value is incalculable. It will relieve the poor little sufferer immediately. Depend upon it, mothers, there is no mistake about it. It cures dysentery and diarrhoea, regulates the stomach and bowels, cures wind, colic, softens the gums, reduces inflammation, and gives tone and energy to the whole system. Mrs. Winslow's Soothing Syrup for children teething is pleasant to the taste, and is the prescription of one of the oldest and best female nurses and physicians in the United States, and is for sale by all druggists throughout the world. Price 25 cents a bottle.

FOR ALL AGES.—The aged, debilitated and infirm will find renewed vigor and strength by taking Burdock Blood Bitters. The young hastening to early decay will also find in this revitalizing tonic a remedy worth trying.

FACT STRANGER THAN FICTION.—It is a fact that Alonzo Howe, of Tweed, had a fever sore than 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 friends. It is the old reliable household remedy for external and internal use in all aches, pains, lameness and soreness of the flesh. A. L. Green, a prominent druggist of Belleville, says: "It is a great favorite here, and has a good sale."

A PRIZE

Send six cents for postage, and receive free, a costly box of goods which will help you to more money right away than anything else in this world. All of either sex, from first boy, The road to fortune opens before the workers, etc. by sure. Address Tava & Co., Augusta, Maine.

LIVERPOOL STOCKS.

We take from the *Timber Trades Journal* the following Comparative Table showing Stock of Timber and Deals in Liverpool on Mar. 1st, 1883 and 1884, and also the Consumption for the month of Feb. 1883 and 1884:—

	Stock, Mar. 1st 1883.	Stock, Mar. 1st 1884.	Consumption for the month of Feb., 1883.	Consumption for the month of Feb., 1884.
Quebec Square Pine.....	101,000 ft.	82,000 ft.	155,000 ft.	15,000 ft.
Wancy Board.....	177,000 "	82,000 "	155,000 "	15,000 "
St. John Pine.....	8,000 "	83,000 "	60,000 "	2,000 "
Other Ports Pine.....	40,000 "	77,000 "	1,000 "	6,000 "
Red Pine.....	60,000 "	60,000 "	2,000 "	2,000 "
Pitch Pine, hewn.....	541,000 "	230,000 "	53,000 "	98,000 "
Sawn.....	440,000 "	540,000 "	121,000 "	130,000 "
Planks.....	62,000 "	64,000 "	23,000 "	20,000 "
Dantle, &c., Fir.....	34,000 "	117,000 "	16,000 "	10,000 "
Sweden and Norway Fir.....	21,000 "	128,000 "	60,000 "	0,000 "
Oak, Canadian and American.....	270,000 "	293,000 "	74,000 "	43,000 "
Planks.....	131,000 "	183,000 "	24,000 "	82,000 "
Battis.....	25,000 "	13,000 "	0,000 "	0,000 "
Elm.....	35,000 "	13,000 "	8,000 "	1,000 "
Ash.....	4,000 "	28,000 "	8,000 "	0,000 "
Birch.....	64,000 "	80,000 "	14,000 "	20,000 "
East India Teak.....	60,000 "	70,000 "	0,000 "	23,000 "
Greenheart.....	120,000 "	109,000 "	5,000 "	15,000 "
N. B. & N. S. Spruce Deals.....	10,103 stds.	17,611 stds.	5,830 stds.	2,193 stds.
Pine.....	1,340 "	1,090 "	1,000 "	1,000 "
Quebec Pine & Spruce Deals.....	7,270 "	8,054 "	766 "	766 "
Battis Red Deals, &c.....	3,084 "	4,630 "	724 "	281 "
Battis Boards.....	301 "	60 "	— "	81 "
prepared Flooring.....	2,807 "	3,483 "	628 "	575 "

H. WILLIAMS, SLATE & GRAVEL ROOFER

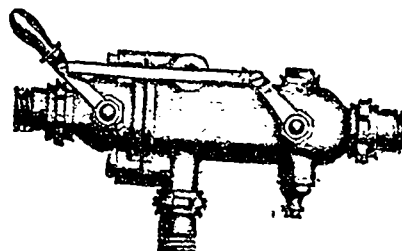
MANUFACTURER OF AND DEALER IN Tarred Felt, Roofing Pitch, Sheathing and Building Papers, Carpet and Rosined Waterproof Paper, Ready Roofing, &c. All orders promptly attended to at LOW PRICES.

H. WILLIAMS, 4 Adelaide Street East, Toronto.

ROBERT MITCHELL & CO. Montreal Brass Works, St. Peter and Craig Streets, Montreal.

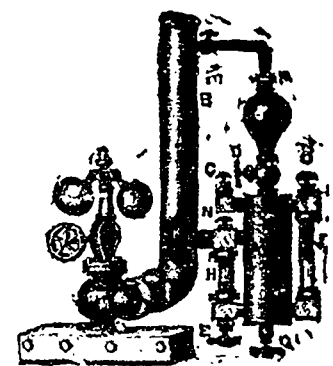
THE KORTING INJECTOR

Acknowledged to be the Best Boiler Feeder in the World.



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 INJECTORS for conveying Water or Liquids. CIRCULARS ON APPLICATION.

The Continuous Feed Lubricator Saves 50 per Cent in Oil.



MACHINERY.

STEAM ENGINES, STEAM PUMPS, STEAM BOILERS, SAW MILL MACHINERY, Of Every Description.

RUBBER BELTING, LEATHER BELTING, MILL SUPPLIES.

SHAFTING, HANGERS, PULLEYS, &c.

MACHINERY SUPPLY ASSOCIATION

Corner Bleury & Craig Streets, MONTREAL.