

deals to Clyde. Closing at 21s. timber, 50s. deals to Liverpool. 22s. 6d. timber, 55s. deals to London. 21s. timber to Clyde, 22s. 6d. timber for orders safe port U. K. Lambert freights for River Plate ranged from \$11 to \$14 per M. ft. B. M.

On the whole, the showing is not as bad as many were inclined to believe it would be, at the opening of business in the early part of the present year. Until business looks up our best policy will be to curtail our exports.

THE WOOD MARKET IN BRITAIN.

Trade in timber or lumber in the United Kingdom was very quiet at last accounts. "Hand to mouth orders" were the rule at Liverpool: "trade exceedingly quiet" at Hull; "the timber trade presents a very dull appearance" at West Hartlepool; "less is being done than at any time these twelve months" on the Tyne; "merchants still complain of the dull state of business" at Cardiff. Such are the reports to the *Timber Trades Journal* of Dec. 20th last. And at Glasgow there was, up to the 18th ult. "generally a quiet business, much of what was offered being withdrawn for lack of competition." From Leith comes word of "the dullness of trade, speculative building being practically at a stand still." In London alone does there appear to be any exception to the general tenor we have above described. Pine goods there are helped in price by the destruction of 70,000 pine planks by the great fire at Dalston, about 40,000 of which were owned, it appears, by Messrs. Bryant, Powis & Bryant.

The imports in English, Welsh, Scotch and Irish ports for eleven month of last year compared with the like period of 1883 show a decline at the close of November last equal to 324,000 loads or about 5 1/2 per cent. We subjoin the figures relating to principal ports:

	11 mo. 1884.	11 mo. 1883.
London.....Hewn	178,032 loads.	103,017 loads.
Sawn	1,196,934	1,189,034
Liverpool....Hewn	102,859	160,303
Sawn	409,180	474,000
Hull.....Hewn	84,055	80,993
Sawn	329,260	365,183
Cardiff.....Hewn	278,329	226,230
Sawn	110,540	82,913
Hartlepool...Hewn	143,337	153,346
Sawn	148,437	162,804
Grimaby....Hewn	78,900	99,647
Sawn	129,939	130,070
Bristol.....Hewn	19,372	19,885
Sawn	108,745	99,781
Newcastle..Hewn	48,741	65,890
Sawn	69,170	85,532
Sunderland..Hewn	87,127	115,036
Sawn	35,680	42,335
Greenock...Hewn	56,450	108,625
Sawn	34,940	46,647
Glasgow....Hewn	11,257	8,277
Sawn	56,326	58,572
Tot'l, 117 ports Hewn	1,872,080	1,006,622
Sawn	3,916,350	4,115,263

THE VALUE OF TREES.

A good lesson in regard to the value of trees as an agricultural product is now being taught the farmers of certain sections of Ohio and Indiana. As most of our readers know, this portion of the country has for many years been the principal source of the black walnut lumber, long so fashionable here, and still very highly prized abroad. Twenty or thirty years ago the black walnut trees nearly covered the ground in some counties, and although the beautiful color and grain of the wood caused a steady demand for it and at good prices, the process of cutting down and sawing the logs was too slow for the ignorant and improvident settlers, who burned over thousands of acres of forests to save themselves the trouble of thinking how to clear the land intelligently. The more sensible of them sawed and split the beautiful timber for framing their houses and building fences, which are worth to-day nearly as much as if they were of solid mahogany; but by far the larger portion was dispersed in smoke and ashes. As the supply of timber diminished the value has advanced, and a combination of speculators is said to have been formed within a few months to secure all the remaining available stock and hold it at its own price. The agents of this combination, which is

supposed to have been formed in England, are now engaged in buying the timber still standing, and are said to have secured already about \$5,000,000 worth of trees which are being rapidly cut down and shipped across the ocean. The sudden demand caused by these extensive operations appears to have opened the eyes of the farmers for the first time to the irreparable loss which they have inflicted upon themselves in the reckless destruction of twenty years ago. One, in particular, informed a correspondent of one of the New York papers that he worked almost incessantly for eight years to clear the black walnut trees off his farm, burning more than eighty acres of timber on his own ground. During the thirty years since this wholesale destruction was effected the farm has been constantly cultivated, and is now valued at about \$8,000. If it could be put again in the condition in which it was before the clearing commenced, it would be worth \$100,000, so that the old farmer's eight years of toil were practically devoted to throwing away his money at the rate of \$1,000 a month. It is true that by that means his land was cleared for crops, but the experience of other countries show that judicious thinning, in place of indiscriminate destruction, would have reduced the producing capacity of the farm very little, if any, and would have increased the value of the timber reserved so much as to compensate in a great degree for that cut away, so that the owner might have secured both profits instead of one. The advantages of such thinning, it must be remembered, would be greater with black walnut than almost any other timber, for the irregular twists which are apt to effect a forest tree deprived of its companions, while they would injure the value of pine, much increase that of the so-called fancy woods, by the variety in grain which they produce; and the gnawing of cattle or the effects of wind or lightning, to which trees standing in open fields are liable, are all sources of new beauty, and consequent enhancement of price. As we have said before, we have seen a single black walnut log for which \$5,000 was paid, and one gnarled or crooked tree to the acre would give such a farm a great value.—*American Architect.*

THE HAND DRILL FOR WOOD.

The hand drill or breast drill, originally intended for the hand drilling of metals, has taken its place among wood-working tools, says the *Scientific American*. In many instances it has displaced the bit brace, or at least has filled a requirement left unsatisfactorily supplied by the bit brace. The breast drill may be used for drill, gimlet or bit, and its speed—on the best forms—may be changed at will without a change of speed of the hand. It has its advantage, also, in the more natural motion of the hand—the vertical crank movement instead of the horizontal crank motion. A drilled hole in wood, for whatever purpose, is better than a bored hole. The drill cuts a clean hole; not merely finding its way between the fibres by displacing them, but removing the material entire as it advances. The gimlet form of wood borer is crude at best; a thread at the end is supposed to enter the solid wood, and by spiral friction pull the cutting portion after it. This cutting portion is a twist like a twist drill or auger, supposed to deliver the chips—which it never does deliver.

TERRIBLE RACE FOR LIFE.

A few days ago the federal mail diligence, which runs between Coira, Chiavenna, and Colico, had a singular escape in the Via Mala. The vehicle was drawn by four horses, and had four inside passengers. The name of the driver is Schwarz, and that of the guard Theuss. They had reached the heights of Rouzellen when Theuss, happening to turn round, saw coming after them at full trot a timber-laden waggon, drawn by two horses abreast. It had quite overpowered them, and was pushing them resistlessly down the mountain. The road is narrow and bounded on one side by perpendicular rocks, on the other by the deep abyss through which foams the infant Rhine. There was nothing for it but to keep ahead, and Schwarz, rousing up his team, let them go. Down the hill they speed at full gallop, and in

HUGH GIBSON,
MANUFACTURER OF
KNIGHT'S PATENT "EXCELSIOR"
SAW MILL DOGS

The Sawyer's Favorite

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

These Milldogs I guarantee to give satisfaction in every case. They will hold a frozen log as well as a soft one, for cutting Scantling, Square Timber, &c. These Cants cannot be excelled, I sell them all on their own merits, give ten or fifteen days trial, and then, if not satisfactory, return them to my order, as I have no agents on the road this year, I will sell them at a reduced price. Send for Circular and price list.



Manufactured by HUGH GIBSON, CHATHAM. EXCELSIOR DOG.

a cloud of dust. The waggon, impelled by its weight, gained on the diligence every moment, and the pole was almost in contact with the back part of the vehicle. In desperation Schwarz whipped his horses, shouted at them like a madman, and urged them to their utmost speed. Just as they reached the level ground the waggon smashed into the rear of the diligence, which was thrown against and luckily retained by the stone parapet. The four inside passengers were safe, though terribly frightened. Theus jumped off betimes and was unhurt. Schwarz, however, was shot right over the wall. But he held on to his reins, and planting his feet agains the rocky side of the gorge, he climbed in sixty up to the road.

The 31st Steamboat Inventor.

YONKERS, Jan. 12.—The building occupied by Reed & Carnick, manufacturing chemists, the Mating Manufacturing Company, and the New York Pharmaceutical Association, was burned this morning. Several other buildings were damaged. Loss, \$200,000.

Big Fire at Yonkers.

TRENTON, N.J., Jan. 10.—Search among the State records shows that Robert Fulton was not the inventor of the first steamboat. The first steamboat was launched on the Delaware river near Trenton, in 1787, two years before Fulton's steamer appeared on the Hudson. John Fitch was the inventor.

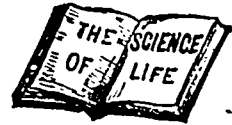
LUMBERING operations are quite lively in Albert County this year, though the cut will not be up to that of former seasons. Most of the old loggers are at work, and all report the season favorable for the handling of men and teams. The recent cold snap has solidified the swamps and rendered them fit for log hauling. There are 70 saw mills in Albert County, but not more than 20 are of any considerable capacity. About 5,000,000 feet of lumber will be got out this winter for the Point Wolfe mill; 9,000,000 for the Alma Milling Company, on Salmon River; and 3,000,000 feet for Mr. Turner's mills, on West river and Turtle creek.—*St. John, N. B., Telegraph.*

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.

266th Edition. Price Only \$1

BY MAIL POST-PAID.



KNOW THYSELF.

A Great Medical Work on Manhood.

Exhausted Vitality, Nervous and Physical Debility, Premature Decline in Man, Errors of Youth, and the untold miseries resulting from indigestion or excesses. A book for every man, young, middle-aged and old. It contains 125 prescriptions for all acute and chronic diseases, each one of which is invaluable. So found by the Author, whose experience for 23 years is such as probably never before fell to the lot of any physician, 300 pages, bound in a beautiful French muslin, embossed covers, full gilt, guaranteed to be a finer work in every sense—mechanical, literary and professional than any other work sold in this country for \$2.50, or the money will be refunded in every instance. Price only \$1.00 by mail, post-paid. Illustrative sample 6 cents. Send now. Gold medal awarded the author by the National Medical Association, to the colors of which he refers. This book should be read by the young for instruction, and the afflicted for relief. It will benefit all.—*London Lancet.* There is no member of society to whom this book will not be useful, whether youth, parent, guardian, instructor or clergyman.—*Argonaut.* Address the Peabody Medical Institute, or Dr. W. H. Parker, No. 4 Bulfinch Street, Boston, Mass., who may be consulted on all diseases requiring skill and experience. Chronic and obstinate diseases that have baffled the skill of all other physicians are a specialty. Such treated success fully without an instance of failure. **HEAL THYSELF**



International & Colonial Exhibitions

ANTWERP IN 1885—LONDON IN 1886.

IT IS THE INTENTION to have a Canadian representation at the INTERNATIONAL EXHIBITION at Antwerp, commencing in May, 1885, and also at the COLONIAL AND INDIAN EXHIBITION in London in 1884. The Government will defray the cost of freight in conveying Canadian Exhibits to Antwerp, and from Antwerp to London, and also of returning them to Canada in the event of their not being sold. All Exhibits for Antwerp should be ready for shipment not later than the first week in March next. These Exhibitions, it is believed, will afford favourable opportunity for making known the natural capabilities, and manufacturing and industrial progress of the Dominion. Circulars and forms containing more particular information may be obtained by letter (post free) addressed to the Department of Agriculture, Ottawa. By order, JOHN LOWE, Secy., Dept. of Agric. Department of Agriculture, Ottawa, December 19th, 1884. 6d1-6d1

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