

either by their award or by separate document the time, place and manner of such sale, and may, from time to time, give directions, in writing, respecting such sale, and the realization of such lien, and of the costs, charges and expenses connected therewith.

24. The award and directions, in writing, of any two of the three arbitrators, or of the sole arbitrator, as the case may be, shall be final and binding upon and shall be obeyed by the parties, and shall be valid notwithstanding any want or defect of form or other technical objection.

25. The said Judge or Stipendiary Magistrate, as the case may be, may, on the application of either party, grant an order to compel any person or persons to attend and give evidence upon the arbitration and to produce all books and documents relating to the matters in dispute, and obedience to such order may be enforced in the same way as obedience to any order of such Judge or Stipendiary Magistrate made in a cause or matter pending before him in court may be enforced, and the person neglecting or refusing, without lawful excuse, to obey such order shall be liable to an action by any person aggrieved by such neglect or refusal for the damages sustained by him thereby.

26. All claims arising under this Act shall be made by notice in writing under section 16, within one year after the same have arisen, otherwise they shall be barred.

27. The Lieutenant-Governor in Council may from time to time by proclamation published in the *Ontario Gazette* declare that any portion or portions of this Province or any water therein shall, until further proclamation, be exempt from the operation of this Act, and thereupon the same shall be exempt accordingly.

28. Any portion or portions of the Province, or any water therein exempted by proclamation from the operation of this Act, may by proclamation published in the *Ontario Gazette*, be again brought within its operation until further proclamation, and so on from time to time.

#### UNITED STATES CHIPS.

—Chicago expects to receive a greater quantity of lumber from Lake Superior this season.

—Frank Close, at Moravia, N. Y., fell on a circular saw, and was split open from head to base.

—Lumber to the amount of 138,680,000 feet passed through the Sault Ste. Marie canal during 1886.

—Reports from the Tonawanda district state that the lumber trade is in a very healthy condition this spring.

—It is feared that the inter-state commerce law will shut out redwood from the eastern and middle state markets.

—The demand for lumber at Buffalo, especially box and assorted lots for the eastern trade, is improving daily.

—Twenty-eight vessels cleared from Alpena, Mich., during a recent week, carrying away 8,427,000 feet of lumber.

—Within a month \$5,000,000 will be invested in new enterprises and manufacturing establishments in Louisville, Ky.

—Milwaukee, which a few years ago was a distributing point of some importance, is now almost wholly a retail market.

—Logs to the amount of 17,000,000 feet were put into Grasse river, St. Lawrence county, N. Y., during the past winter.

—It is estimated that the amount of old and new logs in the Menominee river and tributaries amounts to at least 650,000,000 feet.

—It is stated that the average Michigan pine shingle maker is touching cedar shingles very lightly, being afraid that they will not sell.

—A good authority states that in Michigan Norway logs are selling now for as much as could be obtained for bill stuff two years ago.

—The wood-working firms in Sheboygan, Wis., have contracted for 34,000,000 feet of lumber to be used up in their establishments.

—The Wolf river, Wis., log cut for the past winter is estimated at about 95,000,000 feet, of which 16,000,000 went into Post lake by rail.

—The largest drive ever run down Pine creek, Susquehanna district, Pa., was that of this spring, and consisted of about 50,000,000 feet of logs.

—Reports of forest fires are coming in unusually early this year from nearly every State. The cause is attributed to the peculiar dryness of the season.

—The hardwood dealers of Chicago are taking action upon the invitation of the New York trade to join in an effort to frame some national inspection rules.

—It is stated that 148,000,000 feet of logs were banked the past winter on streams tributary to Little and Big Bay de Noque and Ford rivers, upper Michigan.

—At Muskegon, Mich., the other day, there was a sale to a Chicago lumber company of 50,000,000 feet of lumber and 2,000,000 shingles. The sum paid was \$800,000.

—An American paper mentions that Michigan lumbermen have offered the Pacific Lumber Company, of Eureka, Humboldt county, \$1,500,000 for 10,000 acres of timber, mill, railroad, etc.

—The Oscoda Salt & Lumber Company last winter put in 6,000,000 feet of logs on Georgian bay, Canada, which will be rafted across Lake Huron to Oscoda for sawing, or sold to outside parties.

—It is stated that 60,000,000 or 70,000,000 feet of logs are hung up on the main streams in the Saginaw Valley, and will remain so until a freshet occurs. The owners are nervous over the situation.

—A statistical correspondent of the *Saginaw Courier* has figured out that 100,000,000 feet of Michigan pine will fetch in cold hard cash \$1,700,000; and that it would take 7,000 cars to transport the boards.

—The large steam dry-kiln of E. B. Newton & Co., Grand Rapids, Mich., was totally destroyed by fire, May 12, with 770,000 shingles. It had a capacity of 100,000 shingles a day. It will probably be rebuilt.

—At Tonawanda there are 32 new boats ready to be launched, and more which were uncompleted. It was estimated that the canal fleet will be increased by 75 boats this year. Much of this tonnage will be employed in the lumber trade.

—The various lumber manufacturers on the Menominee river, Michigan, manufactured last season 217,132,678 feet of lumber and 62,689,150 shingles. On January 1st there were on hand 72,356,024 feet of lumber and 15,145,000 shingles.

—Mr. A. G. Van Schaick, a heavy lumberman of Chicago, in a recently published letter, estimates the entire amount of standing pine in Michigan, Wisconsin, and Minnesota at one hundred and seventy billion feet. Other well known authorities state that the estimate is altogether too high.

—The statement is made by the *Chicago Journal of Commerce* that fresh railway construction to the extent of 21,347 miles is projected in the United States, and that 15,000 miles will be laid down this year. New rails are required for existing lines to the extent of 9,000 miles, and altogether 3,250,000 tons of steel rails are needed this year.

—A very prominent lumberman in Bay City expresses the opinion that not over 75 per cent. of the expected log crop has been harvested in the upper peninsula. He says he knows one firm which will get one-third less than they expected, and another 25 per cent. less. The latter party contracted for 12,000,000 feet, and has only got about 9,000,000 feet. The timber does not hold out as represented, and the results will be, he predicts, a very heavy shortage.

—There were carried over on the Menominee 75,000,000 feet of logs. It is estimated that the past season's input amounted to 450,000,000 feet, making 525,000,000 as the total on that stream and its tributaries. The mill capacity at the mouth of the Menominee is said to be equal to cutting up 425,000,000 feet of logs during the sawing season. It is safe to say that the mills will be crowded to the top of their speed, and that there will be logs enough to keep them at it through the season.

—T. H. McGraw & Co., of Bay City, have just sold their lumbering property, located between the Millekokin and Black river, Upper Michigan, 55 miles west of St. Ignace, to J. T. Turst, of Wyandotte. The consideration was \$450,000, of which \$125,000 was cash in hand. This property is estimated by lumbermen to contain 100,000,000 feet of white pine, 25,000,000 feet of Norway, 10,000,000 feet of black birch, 10,000,000 feet of Hemlock and a large quantity of maple, ash and other hardwoods.

—What is doubtless the largest single transaction in manufactured lumber ever made in Chicago, and probably the largest made anywhere, was closed in that city a few days ago. Fifty million feet of lumber and seventy-five million shingles were purchased by the Chicago Lumber Company of H. C. Akeley, acting for the Roscommon Lumber Company, Muskegon, Mich., of which concern he is one of the officers, to be manufactured and delivered during the sawing season of 1887. The amount involved in the purchase is about \$800,000, a sum which regarded as the measure of one purchase of stock by a single firm, in the ordinary course of business, affords some idea of the scale upon which the lumber business is carried on.

#### EUROPEAN NOTES.

The timber trade in Glasgow continues quiet.

Business has been somewhat more active in Glasgow during the past month.

Reports from Liverpool state that the only business doing there seems to be in pitch pine.

In the pitch pine trade buyers have no confidence in any rise in prices, notwithstanding the shortness of stocks.

Steamers are pushing themselves into every branch of the wood trade in England, and it is said that they will largely pervade the pitch pine trade this year, with a consequent reduction in freights.

Mr. John Simson, sr., member of the well-known firm of wood brokers, Simson & Son., of London, died on April 11th, aged 89 years.

*Timber*, of March 25th, publishes an excellent lithographic portrait of Mr. Edward H. Wade, of the Quebec timber shipping house of Smith, Wade & Co.

Late advices from Quebec merchants now in Europe report that very few sales have been effected during the past winter. Judging from present appearances, the spring fleet of sailing vessels will be a very small one.

London trade, according to *Timber* of May 14th, continues in a very quiet and undecided condition. No one has any inclination to purchase beyond absolute requirements and the whole tone is listless and inanimate. Although stocks are small no anxiety is shown to secure goods, the prevailing impression being that all requirements can be obtained as and when desired at the public auctions or other channels.

From Denny, Mott & Dickson's English trade circular for April we note the following remarks: The spring shipments of Canadian timber are badly wanted, as the market is bare of Oak and Yellow Pine of good quality. Shippers have placed the new season's timber coming forward at good prices, and consumers must be prepared for higher rates for both Oak and Yellow Pine, although Elm should be cheaper owing to the insignificant demand.

Farnworth and Jardine, in their last timber circular report there has been little enquiry for yellow pine timber from Canada and the deliveries, chiefly of Waney, have been very moderate. Waney maintains its value, but square pine is quite neglected, and prices are lower; stocks are light. Red pine is very light in stock, but is very seldom inquired for. Oak has been in dull demand, and there is no change in value; the stock is moderate. Oak planks continue in active demand, and prices are steady; recent arrivals have gone direct into consumption, and the stock is now very light. Elm has been quite neglected, but the stock is moderate. Ash is seldom inquired for, and none has gone into consumption. Pine deals have moved off slowly and the stock remaining over is too heavy for this season of the year; prices are easier but sales are difficult to effect, buyers preferring to await the new import. Quebec staves are seldom inquired for. From New Brunswick there have been no arrivals, and the deliveries, continuing fair, stocks are now reduced to a lower point than for many years past; notwithstanding this, and a probable moderate import, it is difficult to maintain even present low prices. Pine deals are quite neglected, and the stock, though light, is sufficient. Birch has moved off slowly; the stock is moderate, but prices are easier. Birch planks have not been imported.

#### DISAPPEARANCE OF TIMBER.

It is stated that oak timber especially is rapidly disappearing from Europe, although half of the area of Sweden, one-fourth of Norway, one-sixth that of Switzerland, and 780,000 square miles in Russia are said to be yet in forest. The consumption of oak in France has doubled during the last fifty years, she requires 15,000,000 cubic feet yearly for wine casks alone, 75,000 for building purposes, 600,000 cubic feet for her fleet, and 150,000 cubic feet for railway carriages; £800,000 worth of staves were imported in 1852; £5,000,000 worth are now needed. Since losing Alsace and Lorraine, France contains 150,000,000 acres; about 20,000,000 acres of this surface is covered with forest. Holland and Belgium are nearly denuded of timber, and are large importers. North Germany is rich in forest, but within half a century has commenced to cut down young trees. Australia has sold her forests since railroads have been introduced. In Italy no forests remain. Spain and Greece are almost woodless. The southern coast of the Mediterranean is almost forestless.

His worship Mayor Stewart and Messrs. W. G. Perley, Hector Cameron and Charles J. Pusey, of Ottawa, waited on the Minister of Railways and Canals recently, asking him to grant a subsidy for the unfinished portion of the Irondale, Bankroft & Ottawa Railway. The proposed road is an air line between Ottawa and Orillia, at which latter point it connects with the northern and Pacific railway and at Ottawa with the Canada Atlantic. The total length of the line is about one hundred and twenty-five miles, fifty of which has already been subsidized at the rate of \$3,200 per mile, that is the portion between Bancroft and Irondale. It is for the balance that the deputation asked assistance in building. Ten miles of the line between Irondale and Kinsmouth have already been built. The country through which this line will run is an entirely new one and abounds in mineral and timber wealth. The line will traverse a portion of the County of Carleton, Lanark and Renfrew striking Georgian Bay at Orillia. Already iron mines are being worked at Kinsmouth and others will follow directly the road is opened. The Minister promises to give the matter his consideration.