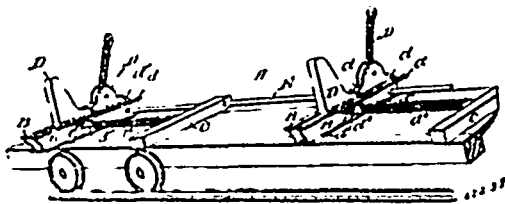


RECENT PATENTS PERTAINING TO LUMBERING.

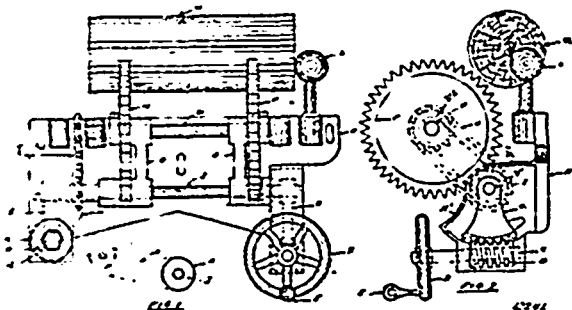
Patents have recently been granted by the Dominion Government for the following devices of interest to lumbermen.



SAW MILL.

Patentee: S. W. Butterfield, Three Rivers, Que., granted 9th May, 1900; six years.

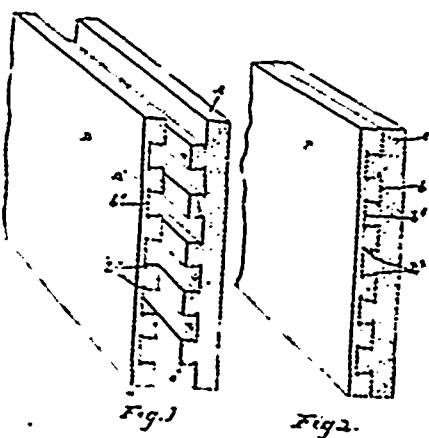
Claim: In set-saw works, an attachment for preventing slack motion comprising a set knee slidably mounted upon suitable set blocks, a rack bar secured to said set knee, a shaft fixed at one end to the set blocks and at the other end to a suitable beam, a pinion loosely sleeved on said shaft and engaging said rack bar, a collar fixed to said pinion and a coiled spring mounted upon said shaft and secured at one end to said collar and at the other end to said beam, substantially as described.



LOG-TURNING DEVICE.

Patentee: A. G. Campbell, Sherbrooke, Que., granted 9th May, 1900; six years.

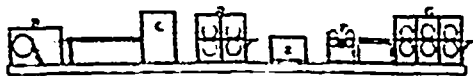
Claim: In a log turning attachment for pulp wood barkers, a shaft held in suitable bearings, arms or brackets fastened to said shaft to form bearings for a shaft, to which wheels are fastened which revolve the blocks while being peeled. The combination of a frame, a bracket with stud fastened to said frame, an idler pulley made to revolve on said stud and a box, cast or bolted to said frame, which forms a reservoir for oil, bearings for main driving shaft to which pulley and worm are attached, which latter meshes into worm gear and imparts motion to operating parts, etc.



LUMBER MANUFACTURE.

Patentee: David Gilmour, Trenton, Ontario, granted 11th May, 1900; six years.

Claim: As an article of manufacture, lumber composed of two tongued and grooved parts, the tongues having plain faces and the grooves having small lateral grooves, with the fibre of the tongues pressed laterally thereinto, substantially as described.



METHOD OF MANUFACTURING LUMBER.

Patentee: David Gilmour, Trenton, Ont., granted 11th May, 1900; six years.

Claim: The hereinbefore described process of forming

lumber composed of two parts tongued and grooved to fit each other, said process consisting in first applying glue or cement, placing the two parts together with the tongues and grooves interlocking, and afterwards passing these parts so interlocked between heated rolls, longitudinally of the fibre of the lumber, and thus subjecting the parts to heat and pressure, successively from end to end, whereby the moisture is expelled, the surface condensed and finished, and the parts united and welded together, substantially as described.

S. W. Butterfield, of Three Rivers, Que., has also been granted a patent on a machine for removing the bark from slabs of wood for pulp making purposes, and for a resawing machine. Arthur Demers, of St. Julien De Wolfstown, Que., has secured a patent for a saw frame, and Jos. Moreau, of Forestdale, Que., for a rossing or barking machine.

THE OTTAWA VALLEY.

(Correspondence of the CANADA LUMBERMAN.)

The Canadian Underwriters Association has written the Ottawa fire insurance agents to the effect that rates on lumber in Ottawa are to be increased by one-half and three-quarters per cent. This means that the lumbermen piling within the city limits will have to pay \$2.50 and \$2.75 per hundred, where formerly they were only called on to pay \$2. Following on the recent heavy increase in mercantile risks, the addition on lumber means an enormous tax on the city. It is admitted that the fire protection afforded in Ottawa is inadequate, and for some time there has been an agitation for another steamer. The Chaudiere lumbermen, who have a steamer and large quantity of hose, may also strengthen themselves in this particular. If this is done, the rates may be reduced, but in view of the heavy losses incurred in April's costly fire, it is not likely that the insurance companies will take such steps for some time to come. The lumbermen feel that the increased tax is an unjust one, claiming that the lumber piles were not responsible for the spread of the recent fire. As a further preventive against fire, the city council has passed a by-law restricting the piling of lumber in certain districts. This, the lumbermen state, hampers them, but they submitted, only to receive a further handicap.

Ottawa may have a large pulp mill ere long to replace one of the Chaudiere lumber industries wiped out in April's fire. Mr. H. K. Egan, of the Hawkesbury Lumber Co., and Mr. W. C. Edwards, M. P., of the firm of W. C. Edwards & Co., have secured the water power and property on which the Hull Lumber Co.'s mill stood. The purchase price is stated to be \$150,000. As yet the gentlemen interested have made no definite statement regarding the disposal of the property, but the scheme of a large pulp or saw mill is freely spoken of.

Recently eight firms operating large mills in the Ottawa Valley gave tangible evidence of their appreciation of the faithful service rendered by their employees. The employees of the W. C. Edwards Co., Rockland, to the number of 1200, took advantage of the courtesy and favor extended by the firm, and visited the Central Canada Fair in this city. The trip was made by special train over the Canada Atlantic Railway, and each excursionist was furnished with a railway ticket, giving transportation both ways. They were also provided with street car tickets and enjoyed a trolley ride around the capital. Tickets giving the employees free admission to the fair grounds were also supplied, and in the evening they occupied free seats on the grand stand and witnessed the reproduction of the battle of Paardeberg. The return trip was made to Rockland at midnight, and needless to say, the excursionists voted the day an entirely enjoyable one. By a similar arrangement the employees in McLachlin Bros. mills at Amprior made the trip to the capital on two special trains over the Canadian Pacific Railway on the same day, visiting the fair and viewing the city as the guests of the well-known firm. There were 1595 excursionists on this trip. On Friday the employees of the MacLaren estate, operating large mills at Buckingham, and those of the Ross Bros. Estate, of the same town, were carried to the capital and its fair, over the Canadian Pacific Railway, on two special trains. All arrangements were made by the firms, which provided railway fare, exhibition tickets, etc., to each excursionist. There were on board 600 employees of the MacLaren Estate and 500 of the Ross Estate. Wednesday was proclaimed a holiday at the Chaudiere mill, and the employees of Mr.

J. R. Booth's mills and the Hull Lumber Co. the number of 2500 visited the fair. On the next day, Hull's civic holiday, the employees at E. B. Eddy Co.'s mills, in course of the opportunity of visiting the fair. Last year the first one on which an outside firm extended the of an outing to their employees. The example by McLachlin Bros., of Amprior, and it is likely will be established as an annual fixture by the firms. Nearly \$1,000 was expended by the few firms in fair tickets alone. In this, a memorable strikes and labor troubles, the action of the has a special and healthy significance. The holds a great concession and boon, coming as it did midst of the busy season, when most of the working night and day. The following gentlemen known in lumber circles, accompanied the excursion: Messrs. Alexander MacLaren, J. E. Vainice, manager A. O. Anderson, bookkeeper of the MacLaren estate, all of Buckingham; Claude McLachlin, Amprior, and Messrs. W. Yule and Manon, of the Edwards Co., Rockland.

Mr. George Millen, mechanical superintendent of E. B. Eddy Co., has the honor of being the first to traverse the well known Gatineau lumber regions in an automobile. Mr. Millen made the trip on a newly chased American machine, scaling hills that defy the average bicyclist.

Mr. E. B. Eddy, head of the firm of E. B. Eddy & Co., last week celebrated his seventy-third birthday. Eddy, who is hale and hearty, is personally supervising the rebuilding of his extensive establishment, and received many congratulations on his birthday from friends in the lumber and other businesses.

The death occurred a few days ago of Mr. C. Hurdman, a well-known resident of Hurdman's near Ottawa. Deceased was the father of Mr. C. Hurdman, of the lumber firm of Hurdman & Elmer, brother of Mr. Robert Hurdman, a prominent figure in Ottawa lumber circles.

It has been repeatedly rumored that Mr. J. R. Booth, the lumber king, was going to erect a large plant at the Chaudiere, near his present sawmill. Mr. Booth states his intentions in the matter are not yet decided. The property used will be the site of the McKay & Co.'s mills, destroyed in the great fire.

PERSONAL.

The marriage was celebrated at Powassan, recently, of Miss Ray Brown and Mr. W. Trenouth, mill owner of that place.

The death took place recently of Mr. Chas. F. W. man, of the well-known lumber firm of Miller & W. man, St. John, N. B.

Mr. A. M. Regan, of Regan & Nickels, lumber merchants, Toronto, has moved into his new home, Huron street, which he has recently purchased.

Mr. Wm. Thompson, of Orillia, president of the Lumber Company, is receiving the congratulations of his friends on his recent marriage to Miss W. Newmarket.

Mr. George Mawson, of London, Eng., was a visitor at the office of the CANADA LUMBERMAN. Mawson purchases pulp and paper, and also acts as an agent in Great Britain for Canadian manufacturers of these products.

Mr. John Stewart, president of the Maritime Fibre Company, of Chatham, N.B., and Mr. T. R. U. ler, of the Riordan Paper Mills Company, of Huron, Ont., were visitors in Great Britain during the month of August.

Mr. Aubrey White, Deputy Commissioner of Lands for Ontario, returned to Toronto a few weeks from a two months' tour on the European continent. White visited the Paris Exposition and speaks highly of the exhibit made by Canada, and particularly of the forestry display.

We regret to learn that Mr. John A. Bertram, of the Collins Inlet Lumber Company, was recently taken suddenly ill at Little Current. Mr. Bertram was employed as lumber inspector in connection with his father's lumber interests. At the time going to press he is considerably improved, with the prospect of a speedy recovery to convalescence.