## HE NEWS

on has start... in the lumber business at Eli,

ill will be established at Otter Lake, Ont., by

Early are entarging their veneer factory at  $m_i$  Ont.

can Lumber Company are building a saw mill Bay, Ont.

Prichard, of Kutarney, Mana, has opened out a rd at Holmfield.

carthur, of We upog, has decided to build a mill at Lac du Bonnet, Man.

ell & Ferguson, lumber dealers, of Melita, Man., ravea supper to their employees.

ported that the Veneer Box Company, of Burk's ta will erect a factory at Sundridge.

inson has contracted to drive the entire cut of le Seguin river to Parry Sound, Ont.

aber agency of the Rathbun Company at Peter-Only, has been sold to two local men.

ported that the Savanne Lumber Company will mber yard at Grand Coulce, N. W. T.

unette Saw Mill Company, of New Westminster, sinstalled in their mills three new boilers.

an Bros, are hulding a saw mill at Ponoka, to have a capacity of 20,000 feet per day.

City firm is said to be negotiating for a site at cuishene, Ont., on which to build a saw mill.

man, Lefurgey, Clarke & Company are building a odworking factory at Charlottetown, P. E. I.

istner and J. P. Newman, of Wiarton, Ont., have ced Dutch ovens in the boiler rooms at their saw

Newman, of Wiarton, Ont., is building a scow for the trade, estimated to carry 110,000 feet of

McKay, of Lansdowne, Pictou County, N. S. has poold out his lumber business to J. N. and F. T.

McKinley, Wood Lumber Company have installed saw mills at Parry Sound, Ont., a new engine and w boilers.

W. Doherty is reported to have sold his saw mill bom privileges at Restigouche, N. B. to W. C. s. of St. John.

H. Withun & Company, of Wiarton, Ont., have just ed in their saw mill a gang resaw, steam feed, lath ideas boller.

ex lumbering firm has commenced operations at 's Bay, Ont., doing business under the style of the shekong Lumber Co.

Alcorn & Company, of Hartland, N. B., has put any machines for making broom handles, and exto turn out 12,000 a day.

reported that Mr. Haines, late of the Blind River or Company, intends building a saw mill at Lake a, near Algoma Mills, Ont.

8. Williams, of Nampa, Iowa, has purchased the may of the planing mill at North Tonawanda, N. Y., ly owned by J. & T. Charlton.

tain J. J. Campbell, of New Westminster, B.C., has used over 3,000 acres of timber limits about 200 from Dawson, in the Yukon district.

R. Stout, trading as the Summit Lumber & Timber any has opened a branch of his lumber business at awood, B. C., in charge of Sydney Oliver.

son & Gordon's saw mill at Ottawa, Ont., resumed tions for the season early in April, about a month than last season. Another edging machine has isstalled.

gment has been handed out dismissing the petition I. B. Klock against the Sheriff of Nipissing to dithelatter. Acclare him elected as representable Domini "Arliament. Mr. Klock claimed the paccount of ". Sheriff action in postponing the fromination. The present member elect is Mr.

C. A. McCool, lumberman, of Geneva Lake, who retains the seat.

It is reported that the Eddy mill site at Revelstoke, B. C., has been purchased and that a large saw mill will be built, under the management of D. Robinson.

A donkey engine has been installed by Herbert Gilley in his logging camp at Mud Bay, B. C. There will be a wire cable 7,500 feet in length, and the logs will be hauled a considerable distance.

The Northern Lumber Company, Limited, of Dauphin, Man., is applying for incorporation. T. A. Burrows, J. Hedderly, W. J. Osborne, H. E. Crawford, and Isaac Cockburn are the applicants.

Frank Laurie is operating a saw mill at Parry Sound, Ont., and expects to make an average cut this season of 12,000,000 feet per day. The Parry Sound Lumber Company have overhauled their shingle mill and put in a new boiler.

Larger premises are required by Shurly & Dietrich, of Galt, Ont., in which to manufacture saws, bedsteads, and other lines. They have made a proposition to the town to creet a factory with 80,000 square feet of floor space.

The Georgian Bay Shook Mills, Limited, capital \$40,000, has been incorporated, to take over the business of the Georgian Bay Box Company at Midland, Ont. P. Potvin, R. B. Little and William Finlayson are the promoters.

The C. C. Barker saw mill at Saginaw is being dismantled, and the machinery shipped to Collingwood, Ont., where Mr. Barker and Thomas McLellan, of Bay City, are building a saw mill, which is expected to be in operation this year.

At the annual meeting of the Tobique Log Driving Company held at Andover, N. B., last month, Henry Hilyard was elected president. The contract for driving the logs was let to E. McCollim, at the rate of 1714 cents from the forks of the Tobique to the St. John river, and proportionate rates from points below the St. John.

The Northern Pacific Railway Company has found its expiriment of hauling logs for lumber companies a financial and practical success. The parties making the contract are the Muscatine Lumber Company, of Muscatine, Iowa, and William Kaiser, also of Muskatine, Iowa. The total amount of logs which will be transported by rail from Northern Minnesota under the contract is about 20,000,000 feet, necessitating the use of 4,000 cars.

#### ROPE TRANSMISSION IN SAW MILLS.

It seems strange there are not more rope transmissions used in saw mills. Possibly the matter has not received the thought and attention due to it, or possibly, saw mill machinery men are not in position to furnish the necessary machinery for a "drive," and, therefore, ignore that system in submitting estimates for new work.

Rope transmission is particularly suitable for a band mill, yet out of about a dozen new

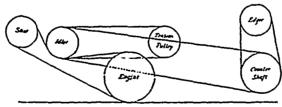


DIAGRAM OF ROPE TRANSMISSION.

band mills I have seen installed in late years, only one has a rope drive.

Hearing of it was, to me, to see it, and I cheerfully took the seven mile walk and the inconvenience of stranger, in a strange place, to get a look at it.

The mill was converted from a circular to a band, and had belts been used, it would have required that the engine be turned around to line with the drive shaft that had been changed to run parallel with the length of the mill. The engine had a band wheel, 18-inch face, very

heavy, to answer as a fly wheel. This was left in place, and on the outer end of the engine shaft there was used an 8-groove pulley, carrying a 1½-inch rope that made a quarter twist on two idlers and thence to the main shaft.

That is all there is connected to the engine—no edger counter to run, and heavy tighteners, nor any gearing nor framing of any sort near it. It is no trouble to get around it to work.

The edger is driven by a ¾-inch rope, four strands, and is run from the line shaft by two quarter-twist idlers. In the case of the engine, the tension carriage and tract are horizontal; at the edger it is perpendicular; in both cases of less than quarter the weight and strength required for tighteners for similar service.

The usual unsightly and cumbrous rig of a balanced swing saw or "jump" saw, gives place to a light frame jump saw, raised by friction and

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