

SAW MILLS!

Having POLE ROADS to their timber keep up the Mill Stock and run the year round.

Pole Roads are Cheap, Durable and Speedily built. The Cars can be built by any handy man in a couple of days, and will carry 2,000 feet of Hardwood Logs at a Load, drawn by one Span of Horses.

The Wheels are adjustable on the Axles to accommodate themselves to any bend in the poles.

The Iron Work complete, including Bolts and Washes, with a diagram of Car, are supplied by the undersigned. Prices on Application.

As to cost and utility of Pole Roads we will refer without permission to E. WATT, Gesto, P.O.; W. EDGAR, Kilroy, P.O.; DUNSTAN & IRWIN, Essex Centre, and JAMES NAILOR, Oil City, who are now running respectively 10, 8, 5 and 3 miles, and are stocked with our Cars.

C. NORSWORTHY & CO., ST. THOMAS, ONTARIO.

Patentees and Manufacturers of Moore's Improved Taper Cone Feed Saw Mills

FOREST FIRES.

Several weeks ago we especially urged extra precaution everywhere to prevent forest fires, which, owing to the conditions attendant on the dry and decaying vegetation, were liable to break out on the very least provocation. The advice given at that time was timely and suggestive; and people have exhibited great laxity in precautionary measures, so much so that we see accounts of great destruction in many directions. All over New England vast damage has resulted from forest fires of late. They are the result of the very causes to which we alluded at the time mentioned. The drouth has dried up the brooks, and transformed the country there into a veritable tinder box. Many of these New England fires are caused by carelessness on the part of hunters, who leave their unquenched camp fires or carelessly drop their matches with which they light their pipes, and in a very few hours an uncontrollable flame carries destruction with it in every direction, until cities and villages are threatened with complete destruction. The damage from this source already amounts to hundreds and thousands of dollars, and in many directions the people en masse are compelled to desist from their usual vocations to fight the destroying element. The danger in Michigan from the same source is not yet past and will not be until the setting in of the heavy fall rains, and the utmost care, and every precautionary measure is desirable in order that the great danger may be averted, and a repetition of the desolation of 1880 avoided. Every local paper in the Wolverine state should not desist from sounding the alarm until the dry season is at an end.—*Lumberman's Gazette.*

RAFTS ARRIVED.

The *Chronicle* gives the following list of rafts, etc., arrived at Quebec:

SEPT. 20.—J. J. Calvin & Co., white pine, oak, &c., rundry coves.

Stokes & Kelly, walnut logs, Bowen's (Sillery).

British Canadian Timber Co. white pine, etc., St. Lawrence Docks.

J. B. Charleson, staves, Union cove.

E. L. Kelsey (2), staves, Woodfield and Spencer coves.

Stokes & Son, staves, Dobell's (Sillery).
Collins Bay Co., oak, etc., Spencer cove.

Tree-Planting Extraordinary.

The Mexican Government has contracted with Mr. Oscar A. Droege, to plant 2,000,000 trees in the Valley of Mexico within four years from March 15, 1884—500,000 a year, in such places as the Government shall choose. The contractor pledges himself to establish a number of nurseries and to have in them each year at least 800,000 ash, 35,000 willows, 120,000 poplars, 60,000 eucalyptus trees, 60,000 tamarisks, 60,000 mountain cypress cedars, 60,000 acacias, and 120,000 of miscellaneous varieties. The trees must be in plantations of from 50,000

to 100,000 each, and Mr. Droege has to maintain them for two years after planting. He is not compelled to plant trees along the highways, however. Three graduates of the School of Agriculture are to be received into the nurseries each year, there to study the science of forestry. He is also to raise fruit and other useful plants for free distribution. There is to be translated from the German every year a work on arboriculture of recognized merit. An inspector is to superintend, and Mr. Droege is to receive annually 40,000 dollars (£8,500) till the sum reaches a total of 200,000 dollars (£42,500).—*Pall Mall Gazette.*

Jailing Logs.

The *Northwestern Lumberman* says:—It is a common thing for people to be jailed, but it is for the C. N. Nelson Lumber Company, of Cloquet, Minn., to introduce a practice of jailing saw logs. Last week this company was driving into what is termed up there a "jail boom" a quantity of logs, belonging to the Duluth Lumber Company and other Duluth parties; and as a continuance of the unpleasantness that has existed on the St. Louis for some time, the logs will be held in chancery until the tolls exacted by the Cloquet company are paid.

Deal Culler's Deputation.

An Ottawa despatch of Sept. 20th, says:—A deputation of deal cullers from Quebec, accompanied by the Supervisor, waited on the Deputy-Minister of Inland Revenue, seeking a more equitable distribution of the earnings of the staff. They subsequently waited on Sir Hector Langevin.

A manufactory of barrels, kegs and wooden ware generally is being established in Montreal with \$100,000 capital.

"LEAVES have their time to fall," says the poet, but Wild Strawberry leaves are on the rise just now, being utilized in such enormous quantities in making Dr. Fowler's Extract of Wild Strawberry—the infallible remedy for Cholera Morbus, Diarrhoea and other Summer Complaints.

DOWNS' ELIXIR

N. H. DOWNS'
VEGETABLE BALSAM

ELIXIR

Has stood the test for FIFTY-THREE YEARS, and has proved itself the best remedy known for the cure of
Consumption, Coughs, Colds, Whooping Cough and all Lung Diseases in young or old. SOLD EVERYWHERE.
Price 25c. and \$1.00 per Bottle

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THOS. GRAHAM & Co., File Manufacturers

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FILES FOR SALE. FILES RE-OUT.

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MANUFACTURERS OF



STAR RIVET

LEATHER BELTING

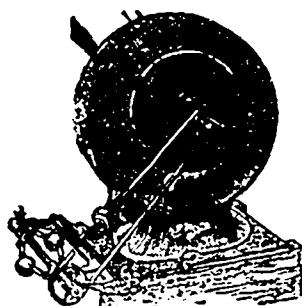
70 King Street East, Toronto.

SPECIALTY:—Belting made from J. B. HOYT & Co's American Oak Tanned Leather.

Send for Price List and Discounts.

TUERK'S WATER MOTOR.

Patented November 8th, 1881.



View of Tuerk's Pressure Motor, with Tuerk's Improved Governor Attachment.

For running Sewing Machines for families or for manufactories; also, for running Dental Lathes and Engines, Telephone Generators, Coffee Mills and Roasters, House and Church Organs; also for running one Printing Press or six, at the same time. Paper Cutters, Sausage Machines of any make or size; GRAIN, FREIGHT OR PASSENGER ELEVATORS, Straw Cutters, and all kinds of Machinery by Water Power.

HYDRANT PRESSURE.

Cheaper, Quicker and Safer than Steam.

Over Fifty Motors of other makes have been taken out and replaced with the TUERK MOTOR; among the list are the Backus, the Sabin, the Little Giant, the Hayward, Clark's Piston Engine, and others.

Names of a few who have taken out Backus Motors and put in the Tuerk Motor in their place:

O. W. Melkel, Indianapolis, Ind.
Columbus Telephone Co., Columbus, Ohio.
James Egan, Chicago, Ill.
H. C. Hawkins, Cleveland, Ohio.
Printing Office, Hannibal, Mo.
A. Solmens, Hat Manufactory, So. Norwalk, Ct.
Lake Shore & Mich. So. R.R. Shops, Elyria, O.
Index Printing Office, Evanston, Ill.
Republican, Johnstown, N. Y.
Tribune, Salt Lake, Utah.
Alton Printing Co., Alton, Ill.
A. F. Worthington & Co., Cincinnati, Ohio.

Lemon & Co., Waverly, N. Y.
Braun & Jones, Cedar Rapids, Iowa.
Gates, Douglas & Co., Cedar Rapids, Iowa.
Village of Rutland, Rutland, Vt.
W. L. Randall, Chicago, Ill.
A. J. Stoll, Sandusky, Ohio.
Killets & Wayland, Chillicothe, Ohio.
S. A. Morrow, Springfield, Ohio.
R. Putnam, Chillicothe, Ohio.
N. Shelton, Omaha, Neb.
H. J. Lowelling, St. Helena, Cal., and others..

Do not fool your time away trying other Motors, but send for the Tuerk Motor, which is warranted to do better work with less water than any other Motor or Water Engine made.

Send for Catalogue, and state what you want to run,—give full particulars and Water Pressure per square inch.

TUERK BROS. & JOHNSTON,
86 and 88 Market Street, Chicago, Ill.