

LOSSES OF LUMBERMEN.

Many lumbermen sustained heavy losses by the recent forest fires in New Brunswick. It is estimated that 40,000,000 feet of timber was destroyed in York county. H. F. Eaton & Sons are probably the heaviest losers, 12,000 acres of their limits along the Upper Magaguadavic lakes having been burned over, in addition to a large area in the State of Maine. Other losses are estimated as follows: James Murchie & Sons, in York county, along the C. P. R. and on Magaguadavic lake, 12,000 or more acres; Major J. D. Chipman, 6,000 acres near Kilburn lake, in York county; F. H. Todd & Sons, 3,500 to 4,500 acres.

SPACING AND LENGTH OF BAND SAW TEETH.

The spacing of band saw teeth, as used on bands and band resaws, varies from 1 to 2 inches, but the greater majority run a spacing of about $1\frac{1}{2}$ to $1\frac{3}{4}$ inches. There is nothing

to recommend a longer spacing than the above, unless it is desired to run a long tooth with extreme hook. In such case, a 2-inch spacing may be used, with throat from $\frac{3}{4}$ to 1 inch deep on a log band saw and from $\frac{3}{8}$ to $\frac{1}{2}$ inch on a band resaw, with large rounded gullet, quite similar to that run on a circular saw. Shorter teeth are usually preferred for hardwoods and frozen timber than are used for soft woods or summer sawing. Thus a $\frac{1}{2}$ -inch tooth is generally used for hardwoods in winter and a $\frac{9}{16}$ -inch in summer, while the teeth for soft woods range from $\frac{1}{2}$ -inch to $\frac{3}{4}$ -inch or longer. A style of throat that is very popular in many sections, and especially among the cypress manufacturers, is the rather long throat, with the base line about horizontal.

It is impossible to suggest that any particular style of tooth is best adapted to any particular wood, for the reason that all shapes of teeth are apparently used with success in different woods. Expert users of band resaws find

that for box-board work not over 12 inches wide, a spacing of $1\frac{1}{2}$ is satisfactory. In work demanding a minimum saw kerf and a moderate speed for saw, as in sawing picture backing, etc., a 2-inch spacing is found good. The same is true of resawing panel stock and hardwoods. Kiln-dried hardwood such as oak, hard maple, etc., tends to dull the saw very rapidly, unless the feed is well regulated, and it is well to have the saw stand a fair feed instead of simply allowing it to rub the dust away. Careful feeding of the saw in kiln-dried hardwoods will enable the saw to do good work in cutting considerable stock, where feeding without exercise of careful judgment may dull the saw in a few minutes. — PACKAGES.

The Davison Lumber Company is the name under which the American syndicate will operate the timber properties of E. D. Davison & Sons, of Bridgewater, N.S. The president of the company is J. M. Hastings, of the J. M. Hastings Lumber Company, Pittsburg, Pa.

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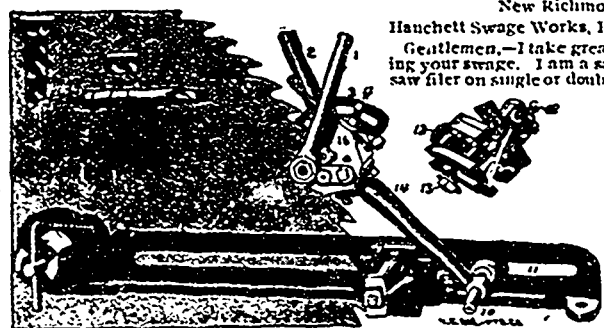
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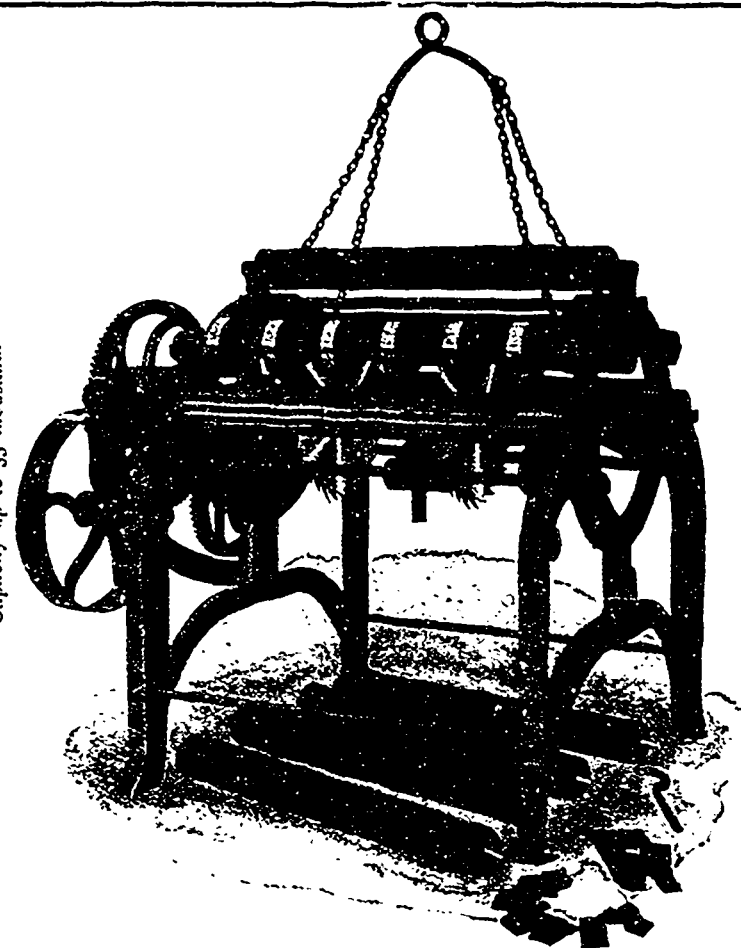
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