

## AN ELECTRIC SAW MILL.

At Folsom, Cal., the American River Land and Lumber Co. recently started its new saw mill. This mill in most respects is like other modern band mills of 75,000 feet daily capacity, or about 120,000 feet when running double time.

The interesting feature about this mill is that all its machinery is driven by electric motors. The motor that runs the band is of 75 horse power and has a speed of 600 revolutions per minute. The edger has a 50 horse power motor that runs 700 revolutions per minute. Then there are three motors of 30 horse power each, one of which runs the log roller and refuse conveyor, another runs the carriage and friction

reverse, while the third runs the trimmer and live rolls. A 5 horse power motor runs the filing room machinery.

When the mill was started on the morning of the first day of December, it worked successfully from the start. In the words of a spectator: "At the hour appointed two of the men, with pike in hand, picked out logs that were suitable for the initial sawing and they were drawn up the chute from the pond below and rolled on the table. The switch was touched and the big saw began its work, smoothly and evenly. The machinery began to turn as easily and quietly as if, instead of being new and untried, it had become used to its business, and everything went on without a hitch."

The waterfall which furnishes the power for the motors is 600 feet distant from the mill. The company estimates that there will be considerable saving in wear and tear over the ordinary steam-driven machinery. The comparative cost of equipment and operation are not given in the article in a Sacramento paper, from which these statements are taken. It is the intention of the company to build a planing mill and box factory in connection with the saw mill, using electrical transmitted power.

Readers of THE LUMBERMAN are reminded that correspondence is invited upon all subjects of interest to the lumber trade. A free discussion of current topics will always be given.

Mr. Gregory proposes erecting a saw mill at Midland

W. H. Kelly is erecting a saw mill at Buckingham, Que.

W. W. Carter is erecting a shingle and planing mill at Fesserton, Ont.

A new saw mill has been erected at Bake Lake, Ont., by Frank Buchanan.

A number of Pembroke citizens, including Hon. Peter White and Francis Inglee, lumber merchants, are seeking incorporation as the Pembroke Navigation Company, for the purpose of towing rafts of timber and saw logs, etc.

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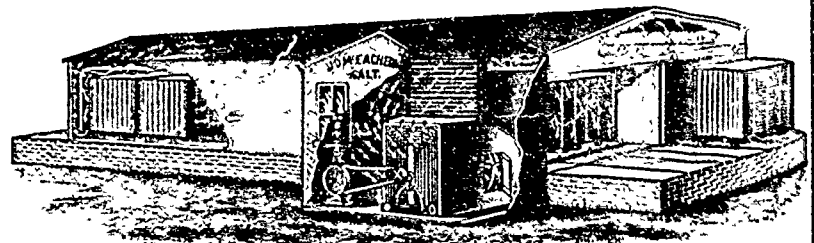
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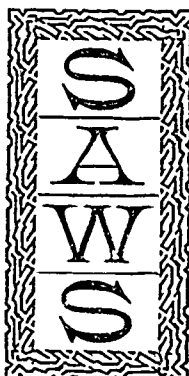
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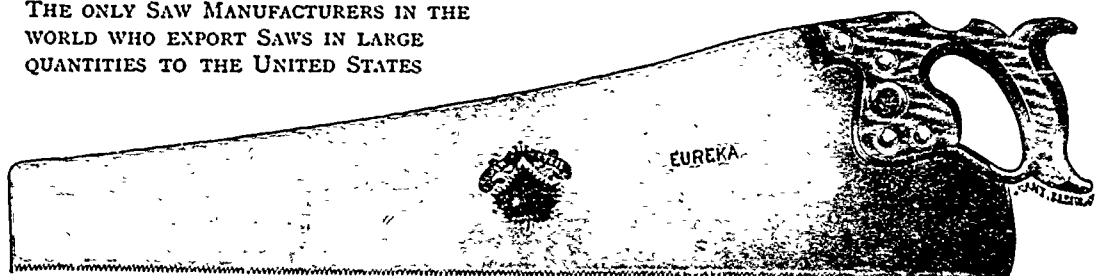
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