(12) **United States Patent**
Newton

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(54) **SAW, GUMMING THE TEETH OF SAW MILL AND CROSSCUT**

(76) Inventor: **Phineas Newton**

Phinehas Newton

Letters Patent

The Schedule referred to in these Letters Patent and making part of the same containing a description in the words of the said Phinehas Newton himself of his improvement in the machine for gumming Mill and Cross cut Saws

A Machine for gumming Mill and Cross cut Saws

A Block of wood one foot eight inches in length, ten inches in width six inches in thickness or iron sufficient in strength for the support of the machine. Through this block is fastened two eyes for the support of the lever by screws or keys at the bottom these eyes may be round or wrought iron. These said eyes from two to three inches below or from the fulcrum hole for the lever is projected and in front for a rail for the face. This fulcrum is an inch or less bolt passing through the eyes and through the end of the levers which end is half round in front of these eyes or in the side where the rail is fastened a face with screw bolts or wedges with a perforation in the form of a chip to be extracted from the saw plate to constitute a tooth of proper size this face is fastened a bar of iron shaped at the one end as to enter the perforation in the face and passing between the eyes and fastened at the other end so as to form a hinge. The end of this bar or driver when it enters the face is made slanting or bevelling so as to operate like the shave nearly from the point to the roots of the teeth under this bar or driver is made a spring for the purpose of leaving the bar or driver to receive the saw plate. N.B. This block and driver and face keep horizontal and eyes stand perpendicular & lever nearly so. when the machine receives the saw plate for the purpose of cutting out the chip to constitute a tooth. April 4th 1831

Witnesses

Horace Newton

Isaac P. Rogers (378 rods)

Phinehas Newton