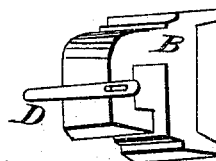
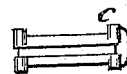
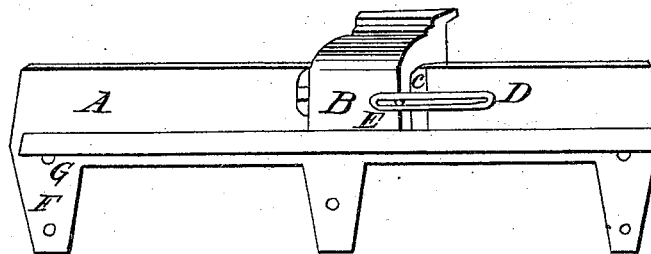
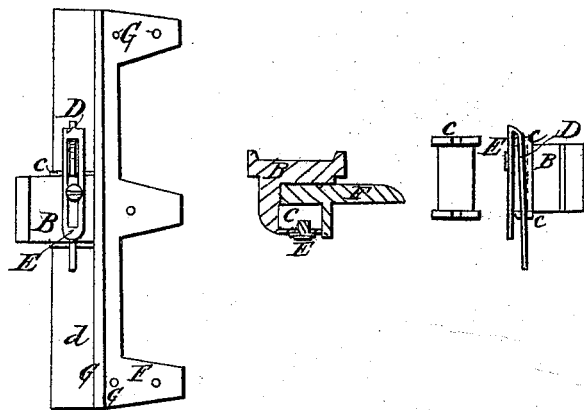


H. & N. Johnson,
Reciprocating Saw Mill,
No 194, Patented May 15, 1837.



UNITED STATES PATENT OFFICE.

H. JOHNSON AND N. JOHNSON, OF ERWIN, NEW YORK.

SAWMILL-GATE CLASPS.

Specification of Letters Patent No. 194, dated May 15, 1837.

To all whom it may concern:

Be it known that we, H. JOHNSON and N. JOHNSON, of Erwin, in the county of Steuben and State of New York, have invented a new and Improved Mode of Running Sawmill Saw-Gates upon Irons; and we do hereby declare that the following is a full and exact description of the saw slide and block and mode of using the same. An iron slide of such length as the sweep of the crank may require said slides to be confined near the top and bottom of each fender post by means of bolts G and project inwardly from the face of said posts. The slides may be of such width as the operator may design. From 2 to 4 inches shouldered projection will answer, with horns F passing back onto the post to bolt through the thickness of the slide according to the power of the mill. A clasp B is then made for each slide, with a groove suitable to ply

back and forth on the projection of the slides. In the back side of the groove is a channel suitable for a box C, and spring-wedge D behind the box for pressing up the box against the slide. Through the spring is a mortise and small screw E into the clasp to hold the wedge from working out or in. The boxes may be made of either iron, steel, or composition. The clasps are confined to each joint of the saw-gate with screw-bolts. Said irons may be made smaller or larger, as occasion requires.

What we claim as our improvement is—

The spring wedge for pressing up the box against the slide.

HENRY JOHNSON.
NELSON JOHNSON.

Witnesses:

MORRIS JOHNSON,
JOHN B. WOOD,