

J. J. Reichard.

Saw Set.

N^o 83,793.

Patented Nov. 3, 1868.

Fig:1

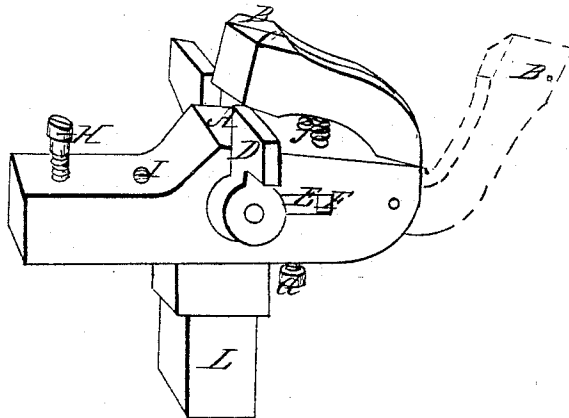


Fig:2.

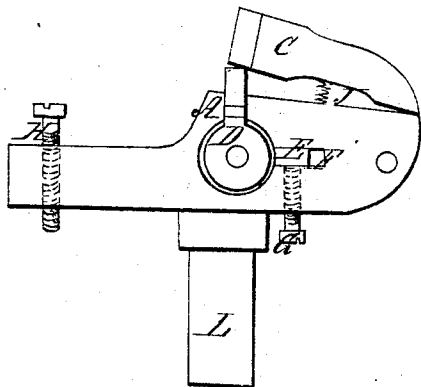
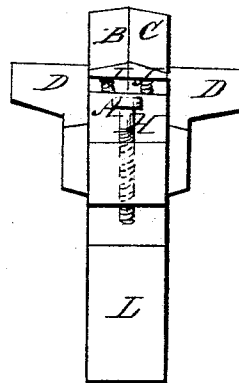


Fig:3.



Witnesses.

*W. H. Haskell
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JOHN J. REICHARD, OF CANTON, ILLINOIS.

Letters Patent No. 83,793, dated November 3, 1868.

IMPROVEMENT IN SAW-SET.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, JOHN J. REICHARD, of Canton, in the county of Fulton, and State of Illinois, have invented a new and improved Saw-Set; and I do hereby declare that the following is a full and exact description of the construction and operation of the same, reference being had to the accompanying drawings, in which—

Figure 1 is a perspective view;

Figure 2 is a longitudinal elevation; and

Figure 3 is a front view.

The nature of my invention consists in providing two hammers, one pointed and faced to set the teeth on one side of saw, the other pointed and faced to set the teeth on the other side of saw, yet both hung in same joint; also, in providing a gauge attached to a tenon, which works in a mortise, and is secured to required depth of set by a screw.

To enable others skilled in the art to make and use my invention, I will more particularly describe its construction and operation.

I make the set of iron or other suitable metal, with the anvil A and hammer-points B C properly hardened, faced, and finished.

The gauge D is secured to the tenon E, which slides in mortise F. I secure this set by holding tenon L up to shoulder in any ordinary vise, or driving it into a wooden block.

I determine the depth of set desired, then move the gauge D to required position, and secure it by screw G.

The screw H is adjusted to give width of set, and it may be inserted in the nut I, if desirable.

While engaged in setting the teeth on one side of saw, I throw the other hammer back, as shown by red lines in fig. 1.

The springs J J keep the hammers from the anvil.

When the saw is reversed, to set the teeth on the other side, the hammers are changed.

What I claim as my invention, and desire to secure by Letters Patent, is—

As an improvement in a saw-set, the adjustable gauge D, with its tenon E, set-screw G, hammers B and C, when constructed and arranged as described.

JOHN J. REICHARD.

Witnesses:

W. H. HASKELL,
J. H. RAIREY.