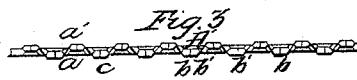
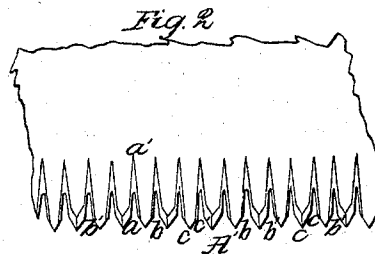
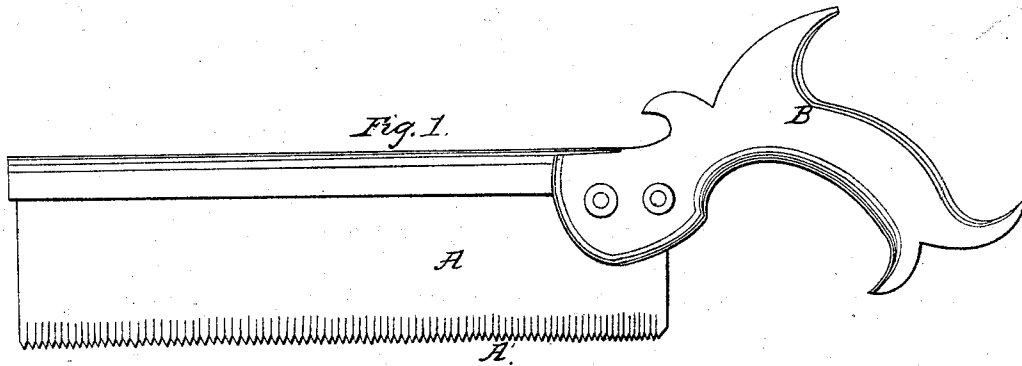


E. J. Robinson,

Hand Saw,

N^o 58,297.

Patented Sep. 25, 1866.



Witnesses:

*W. H. Burroughs
J. H. Hines*

Inventor:

E. J. Robinson

UNITED STATES PATENT OFFICE.

E. J. ROBINSON, OF CANTON, OHIO.

IMPROVEMENT IN SAWS.

Specification forming part of Letters Patent No. 58,297, dated September 25, 1866.

To all whom it may concern:

Be it known that I, E. J. ROBINSON, of Canton, in the county of Stark and State of Ohio, have invented certain new and useful Improvements in Saws; and I do hereby declare that the following is a full and complete description of the construction of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is a view of the saw complete. Figs. 2 and 3 are enlarged sections, showing the teeth.

Like letters of reference refer to like parts in the views.

A is the blade, on the edge of which are the teeth A'. B is the handle, attached to the blade in the ordinary way.

The teeth of this saw are not constructed in the ordinary way, being very long, as shown in the drawings, Fig. 2 being an enlarged section of a part of the saw-teeth, and Fig. 3 a view looking on the edge of the teeth. These teeth are filed from the point *a* to *a'*. As the saw passes from the person using it the edge

b cuts the wood, and in drawing back the edge *b'* cuts it, the cutting-edge being from *c* to *c'*, thus cutting the wood across the grain, as a crosscut-saw, making it as smooth as if a plane had been used, and not tearing the wood like the ordinary saws, the cutting-edges being on the side that the teeth are beveled on, every alternate one being beveled on the same side, as shown. The other side of these teeth is plane and in line with the plate.

These saws need but very little or no setting, and will not get out of order as easily, and will cut with more rapidity and ease, than the ordinary saws; neither do they require the amount of filing and setting.

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

A saw constructed with elongated teeth, in the manner described, for the purpose set forth.

E. J. ROBINSON.

Witnesses:

W. H. BURRIDGE,
J. HOLMES.