

R. MYERS.
VISES.

No. 182,218.

Patented Sept. 12, 1876.

Fig. 1.

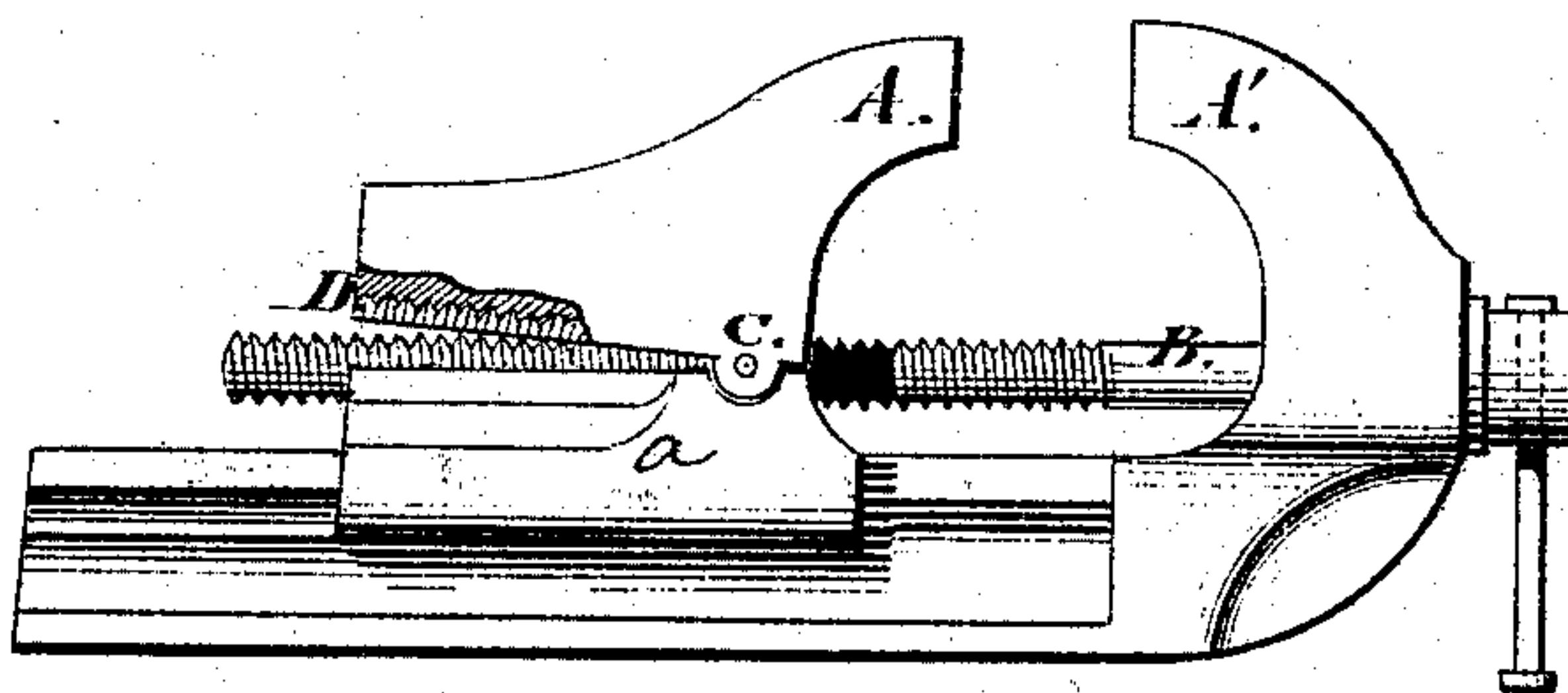
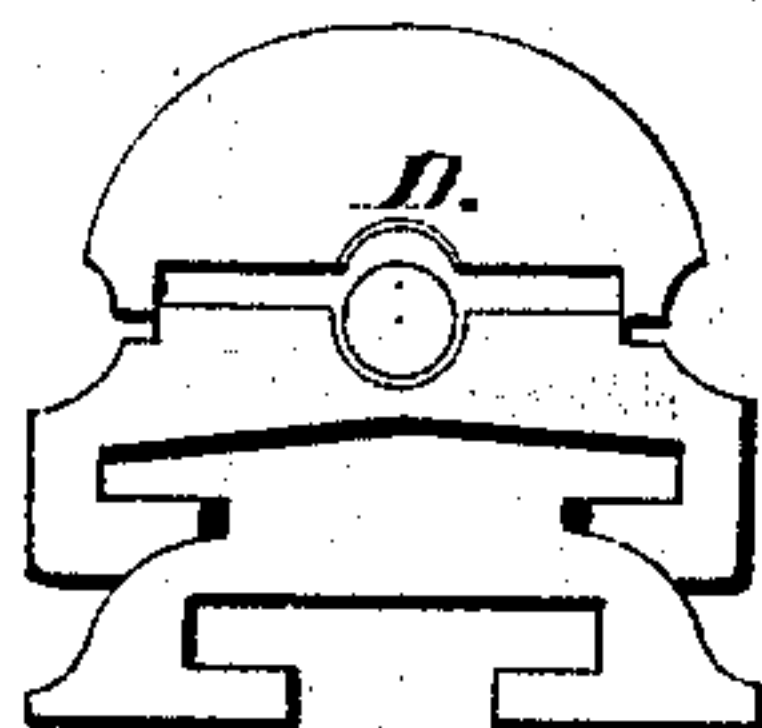


Fig. 2.



Witnesses:
Edw. W. Bonn,
M. Gardiner.

Inventor:
Reuben Myers
J. D. Sharpe
atty.

UNITED STATES PATENT OFFICE.

REUBEN MYERS, OF CLARKE COUNTY, ASSIGNOR OF ONE-HALF OF HIS
RIGHT TO KISSELL, BLOUNT & ROBBINS, OF SPRINGFIELD, OHIO.

IMPROVEMENT IN VISES.

Specification forming part of Letters Patent No. **182,218**, dated September 12, 1876; application filed
March 23, 1876.

To all whom it may concern:

Be it known that I, REUBEN MYERS, of Clarke county, State of Ohio, have invented certain Improvements in Vises, of which the following is a specification:

The object of my invention is to rapidly adjust the jaws of the vise to the things to be held in them, without the loss of time and labor.

Figure 1 is a longitudinal view of the vise, with the movable jaw raised off the screw. Fig. 2 is a transverse section through the sliding jaw.

A is the moving jaw, pivoted to a slide, *a*, by a trunnion-pivot, C. Between jaw A and slide *a* is placed the operating-screw B, which is not in contact with the movable jaw A while being moved, and can, therefore, be turned while the jaw A is being moved.

When the jaw is raised up out of contact with the screw B it can be rapidly moved to or from the other jaw, and instantly adjusted to the position required, and dropped down into contact with screw B, all by a quick movement of the hand. The pressure on the jaw A causes it to impinge against screw B, entirely obviating looseness from wearing.

I claim as my invention—

The hinged tilting and sliding jaw A, in combination with stationary jaw A' and screw B, substantially as described.

REUBEN MYERS.

Witnesses:

A. BRADFORD,
I. SMITH.