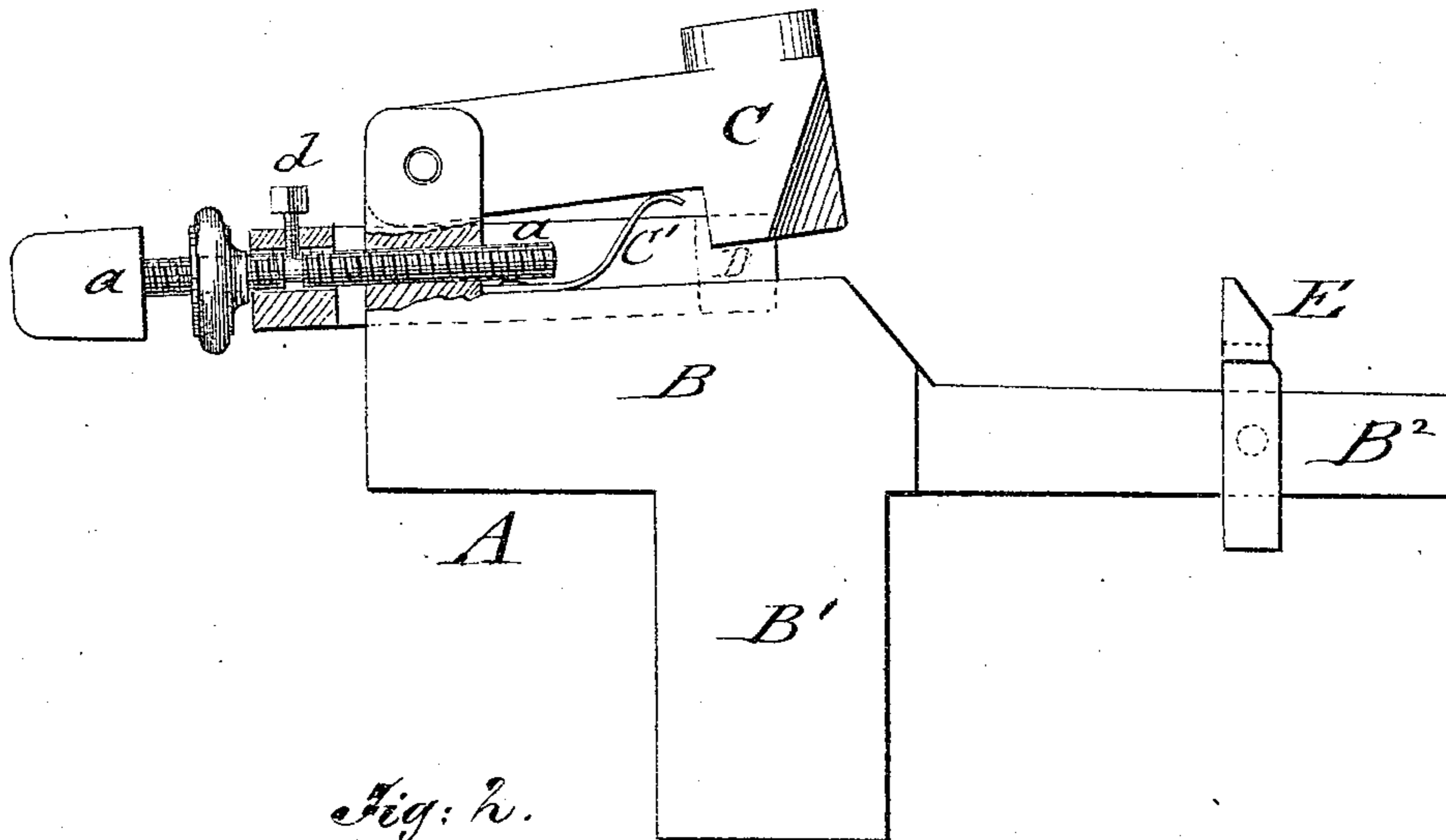


S. BARTLETT.  
Saw-Sets.

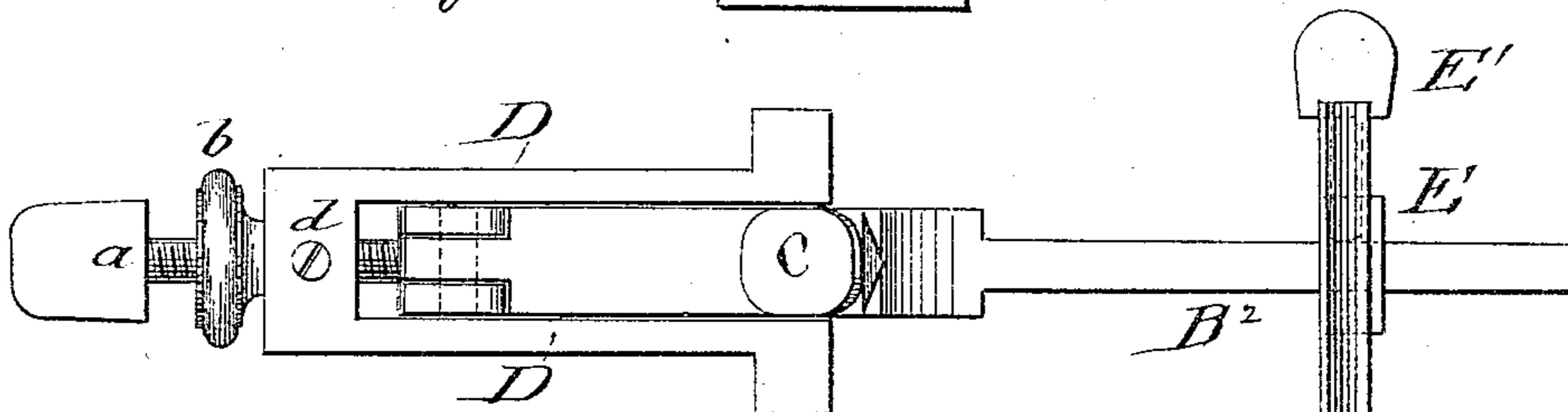
No. 151,266.

Patented May 26, 1874.

*Fig: 1.*



*Fig: 2.*



WITNESSES:

*Chas. Nida*  
*Hedgcock*

INVENTOR:

*S. Bartlett*

BY

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ATTORNEYS.

# UNITED STATES PATENT OFFICE.

SYLVANUS BARTLETT, OF WESTPORT, NEW HAMPSHIRE.

## IMPROVEMENT IN SAW-SETS.

Specification forming part of Letters Patent No. **151,266**, dated May 26, 1874; application filed March 14, 1874.

*To all whom it may concern:*

Be it known that I, SYLVANUS BARTLETT, of Westport, in the county of Cheshire and State of New Hampshire, have invented a new and Improved Saw-Set, of which the following is a specification:

In the accompanying drawing, Figure 1 represents a side elevation, partly in section, of my improved saw-set; Fig. 2, a top view of the same.

Similar letters of reference indicate corresponding parts.

The invention will first be fully described and then pointed out in the claim.

In the drawing, A represents a saw-set of the usual shape and material, whose anvil part B is provided with a tapering bottom extension, B<sup>1</sup>, for being firmly set into a vise, and also with a forward-extending guide-bar, B<sup>2</sup>. The pivoted hammer C has a heavy wedge-shaped head with the same base inclination as anvil B, and is acted upon by a strong spring, C'. A U-shaped gage-piece, D, is applied around the rear and sides of the anvil B, as in Fig. 2, adjusted by a screw-bolt, *a*, and set-nut *b*, and fixed firmly in position by a set-screw, *d*, so that the sidewise-projecting front

ends of the gage D move forward or backward along the fore end of anvil and hammer till the gage is set to the exact length of the teeth of the saw required to be set. A second slotted gage-piece, E, with lateral tapering head, slides on guide-bar B<sup>2</sup> of anvil B, and is rigidly affixed thereon by a set-screw, E'. The slot of the gage E is of greater length than guide-bar B<sup>2</sup>, so as to admit the inclined position of the gage in forward or rearward direction, and produce such an inclination of the same that the required set of the teeth may be obtained. The uniform set of the teeth is exactly defined by passing the saw along gage D resting on gage E, so that thereby a very simple and easily-working saw-set for various practical applications is furnished.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

The combination, with gage D, of the long screw *a*, nut *b*, and set-screw *d*, as and for the purpose set forth.

SYLVANUS BARTLETT.

Witnesses:

HANERY CARLETON,  
STEPHEN FAULKNER.