

W. E. DEAN.

Improvement in Scroll-Sawing Machines.

No. 130,623.

Fig. 1.

Patented Aug 20, 1872.

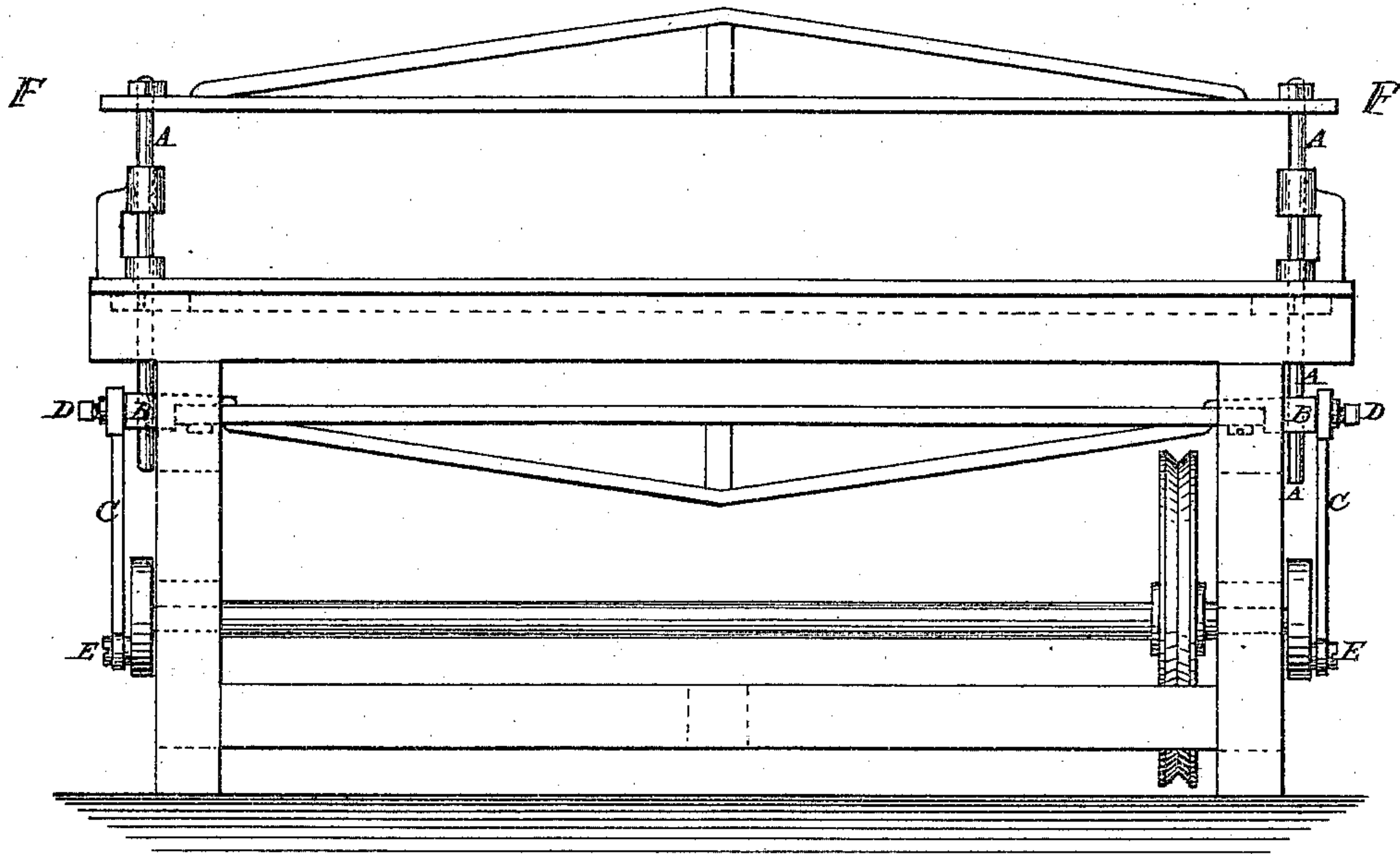


Fig. 2.

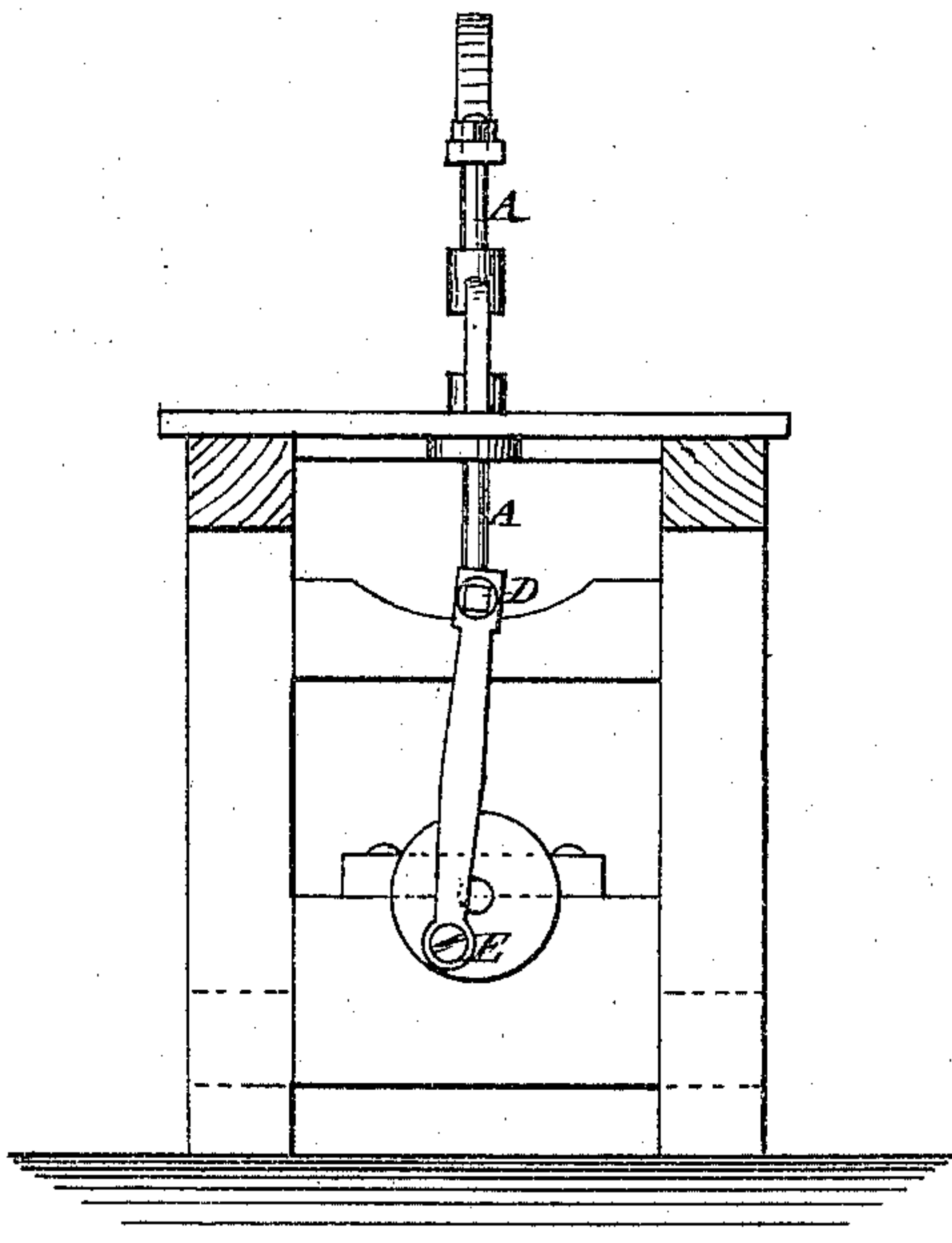
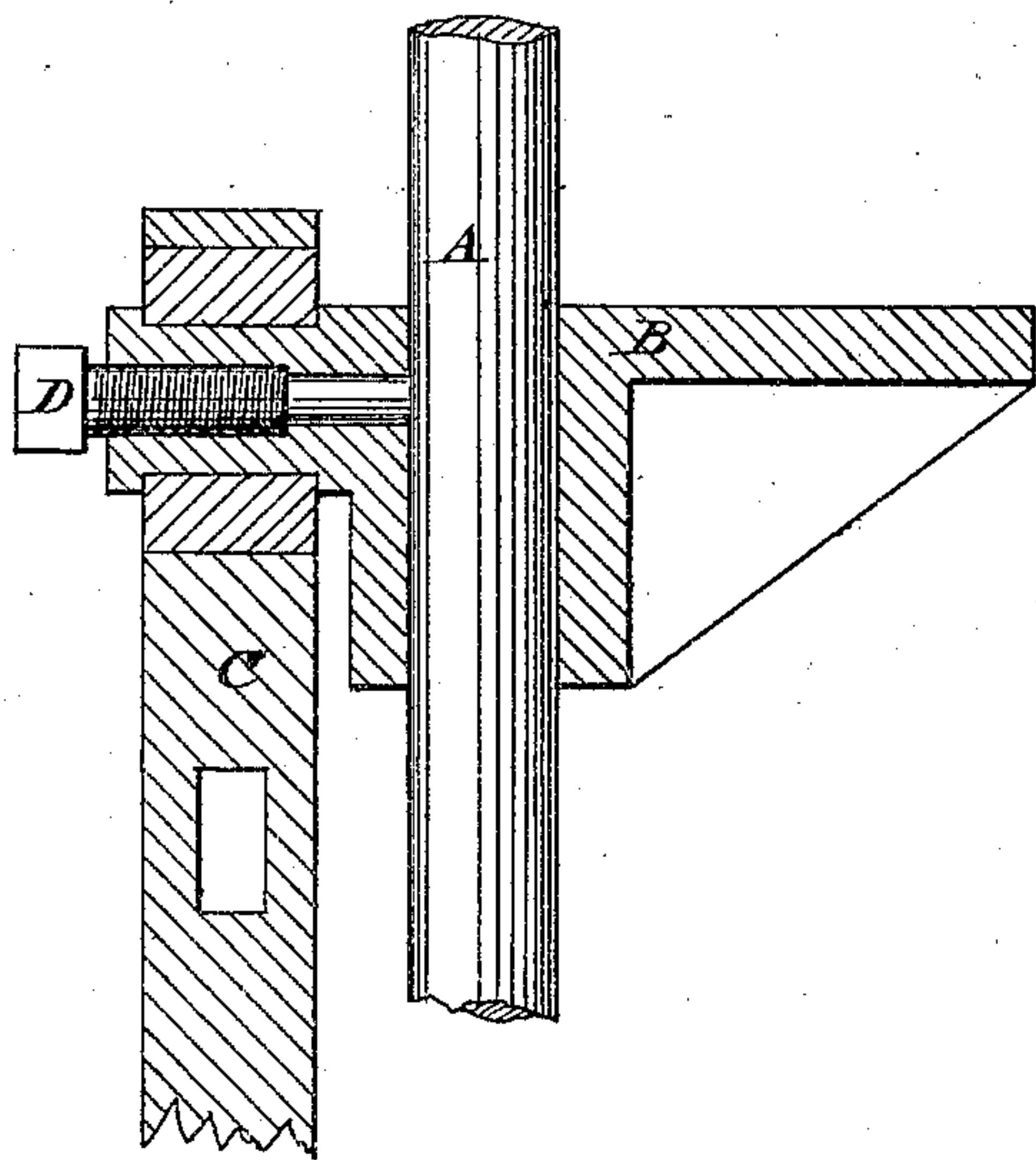


Fig. 3.



Witnesses:

Chas. Andrews  
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per  
William R. Hooper  
Attorney

# UNITED STATES PATENT OFFICE.

WILLIAM E. DEAN, OF WORCESTER, MASSACHUSETTS.

## IMPROVEMENT IN SCROLL-SAWING MACHINES.

Specification forming part of Letters Patent No. 130,623, dated August 20, 1872.

### SPECIFICATION.

Specification describing a certain Improvement in Scroll-Sawing Machines, invented by WILLIAM E. DEAN, of the city and county of Worcester, and Commonwealth of Massachusetts.

My invention relates to the upright beams which connect the two chords or bars of the gate, which two chords hold the scroll-saw in its place. In my invention the beam connected with the upper chord is in the form of a guide-rod, which passes through an extension of the lower chord, and in which it is held by a screw, so that the upper chord can be put at any desired distance from the lower chord.

Figure 1 in the drawing, is a front elevation of a machine embodying my invention. Fig. 2 is a side view of the same. Fig. 3 shows the

guide-rod A attached to the upper chord of the gate, passing through a hole in the extension of the lower chord B, and the fastening of the same by a screw. F F is the upper chord of the gate, and B B is its lower chord. A A are the guide-rods permanently attached to the upper chord F, but movable as to the lower by the screw D.

Having described my invention, what I claim and desire to secure by Letters Patent, is—

The construction, so that the upper chord can be put at any distance from the lower, by the means shown and described.

WILLIAM E. DEAN.

Witnesses:

EDWARD DEAN,  
W. R. HOOPER.