

W. A. DAVIS.

FASTENERS FOR THE MEETING-RAILS OF SASHES.

No. 184,036.

Patented Nov. 7, 1876.

Fig. 1.

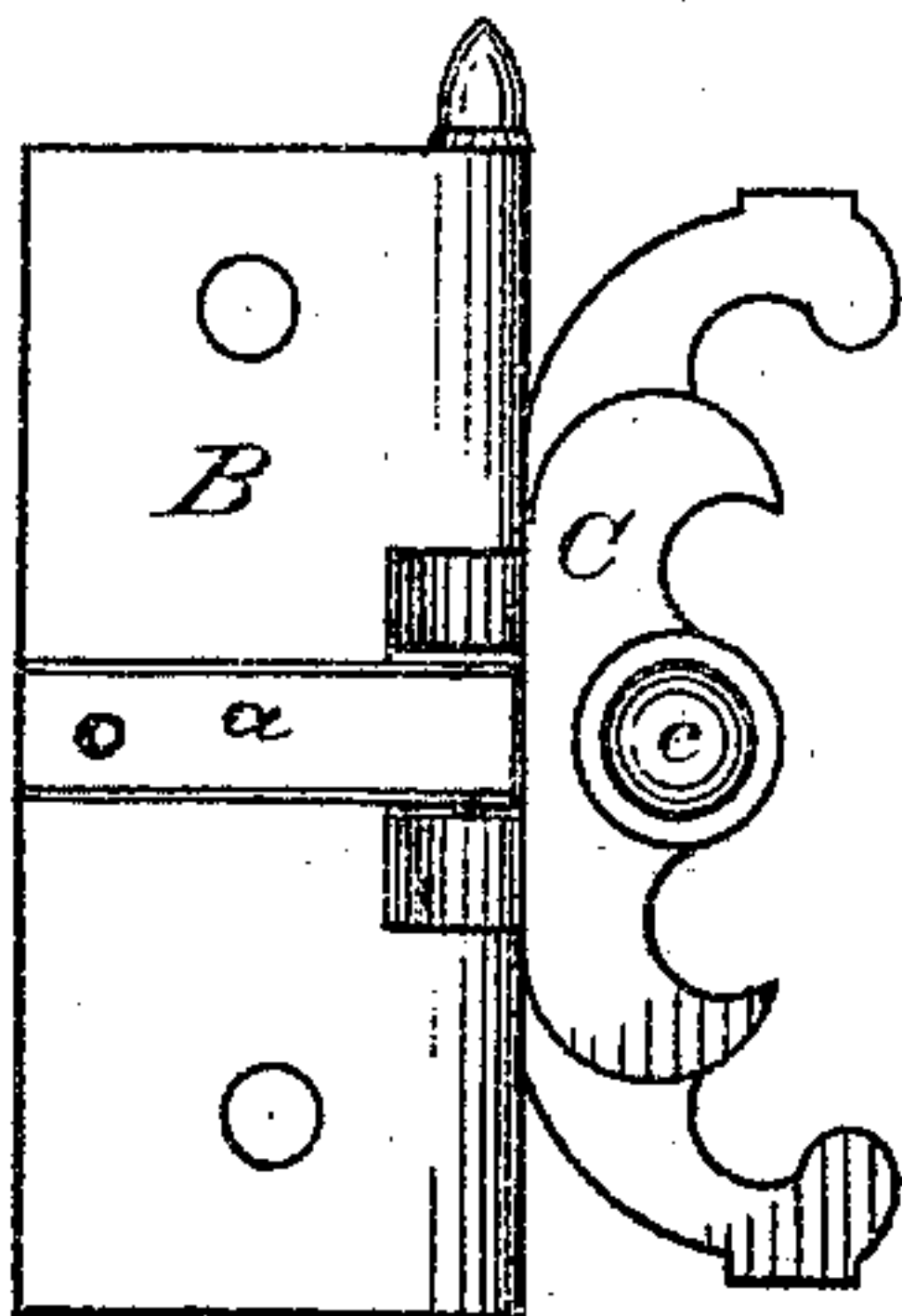


Fig. 2.

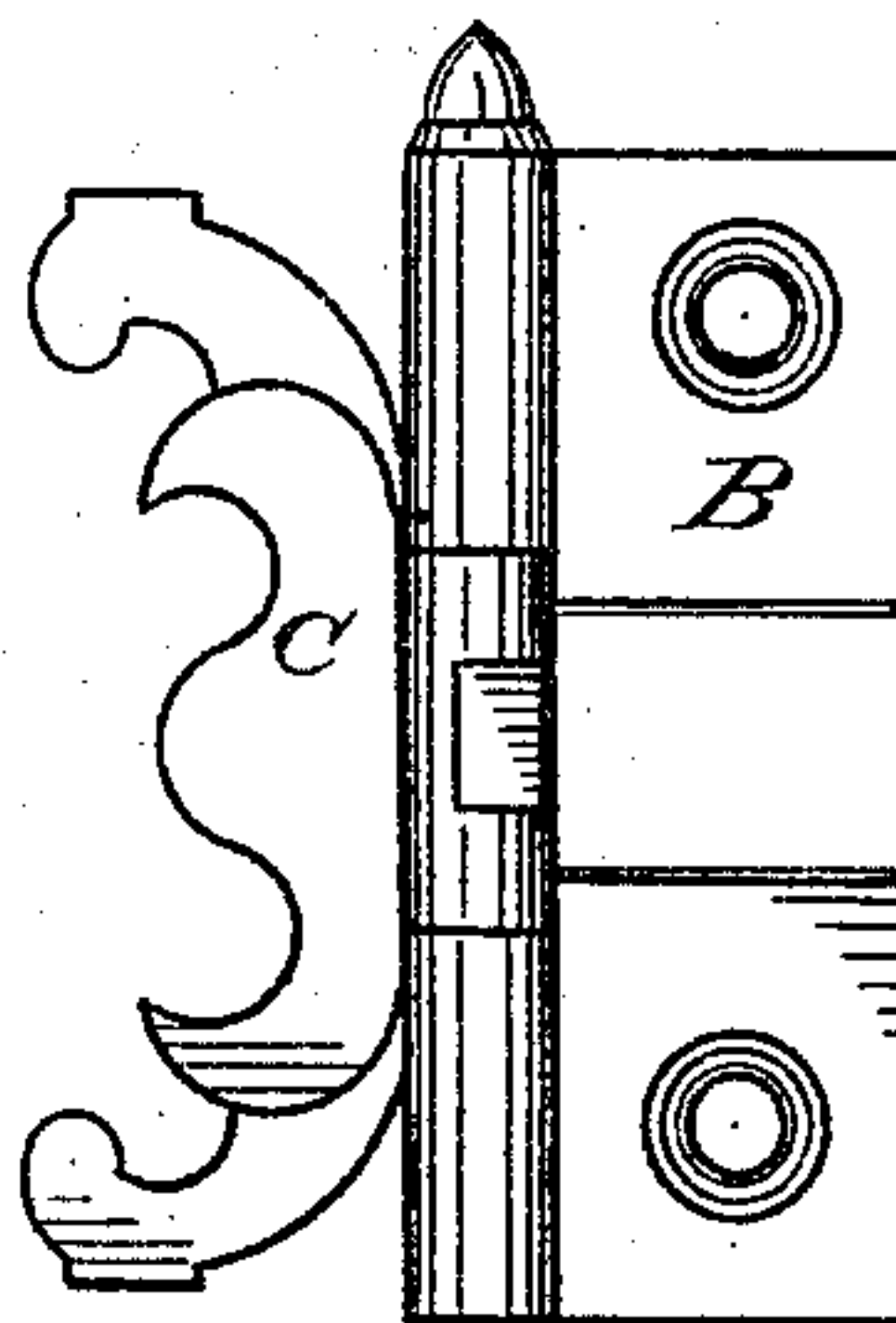


Fig. 3.

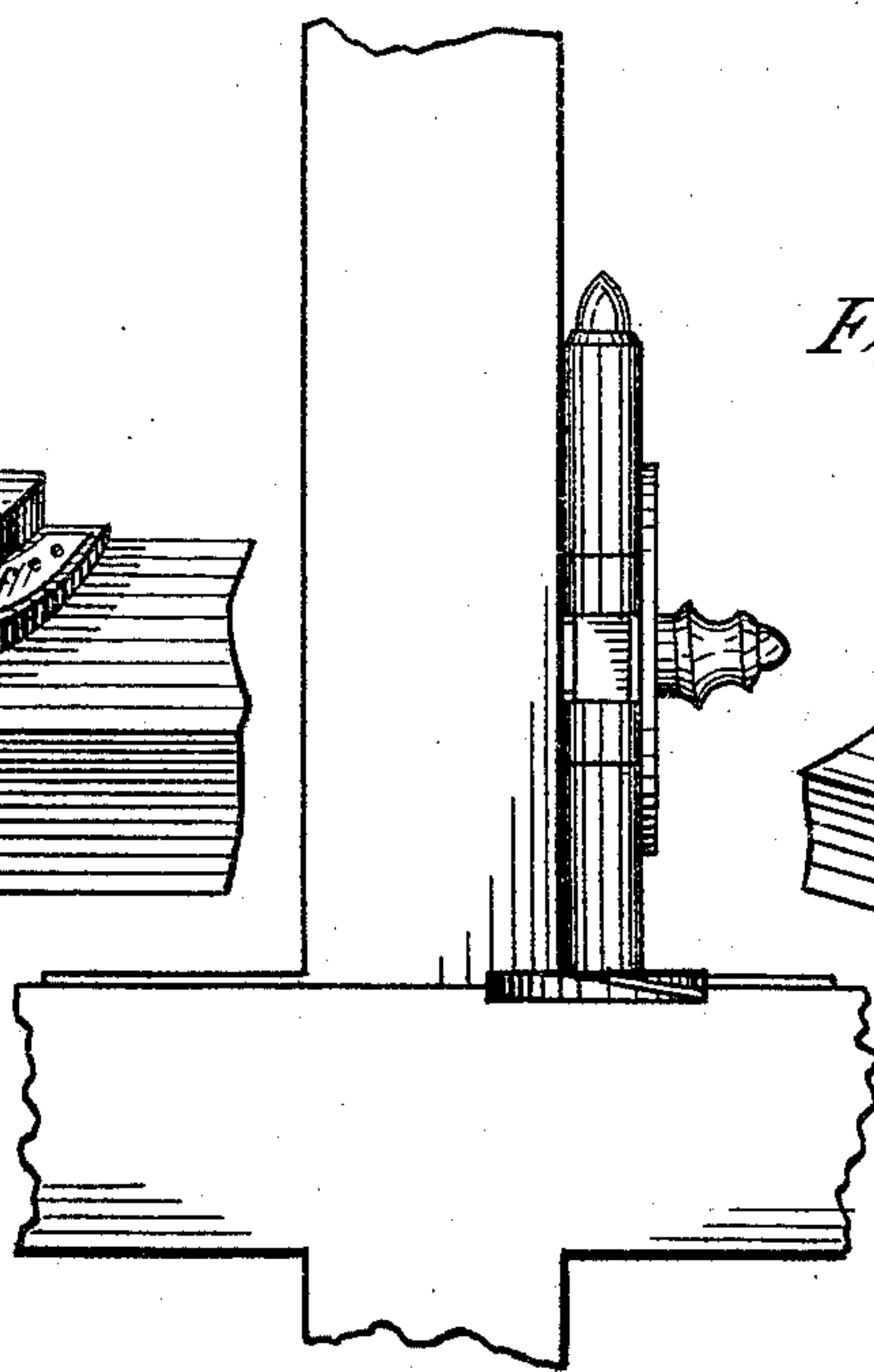


Fig. 4.

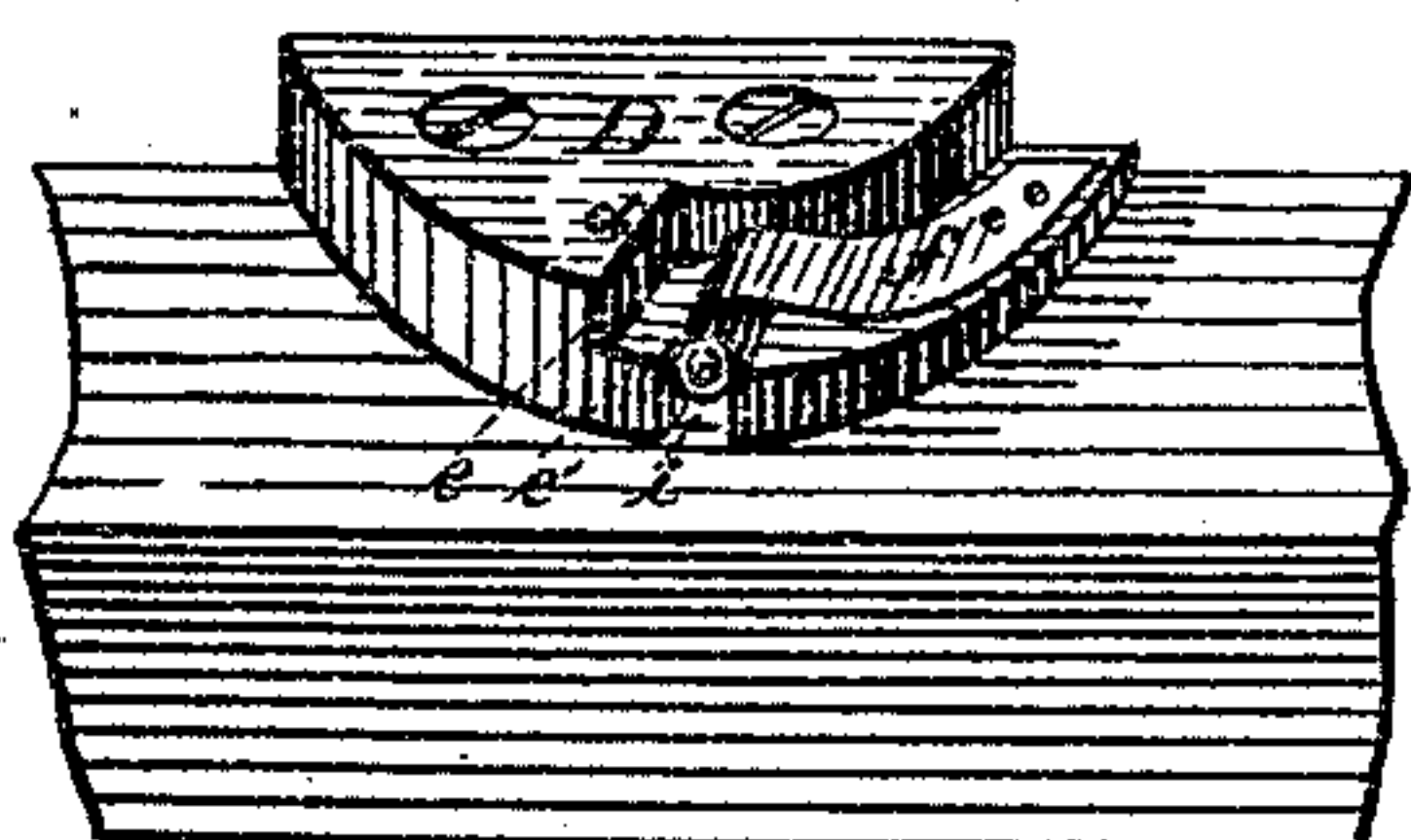
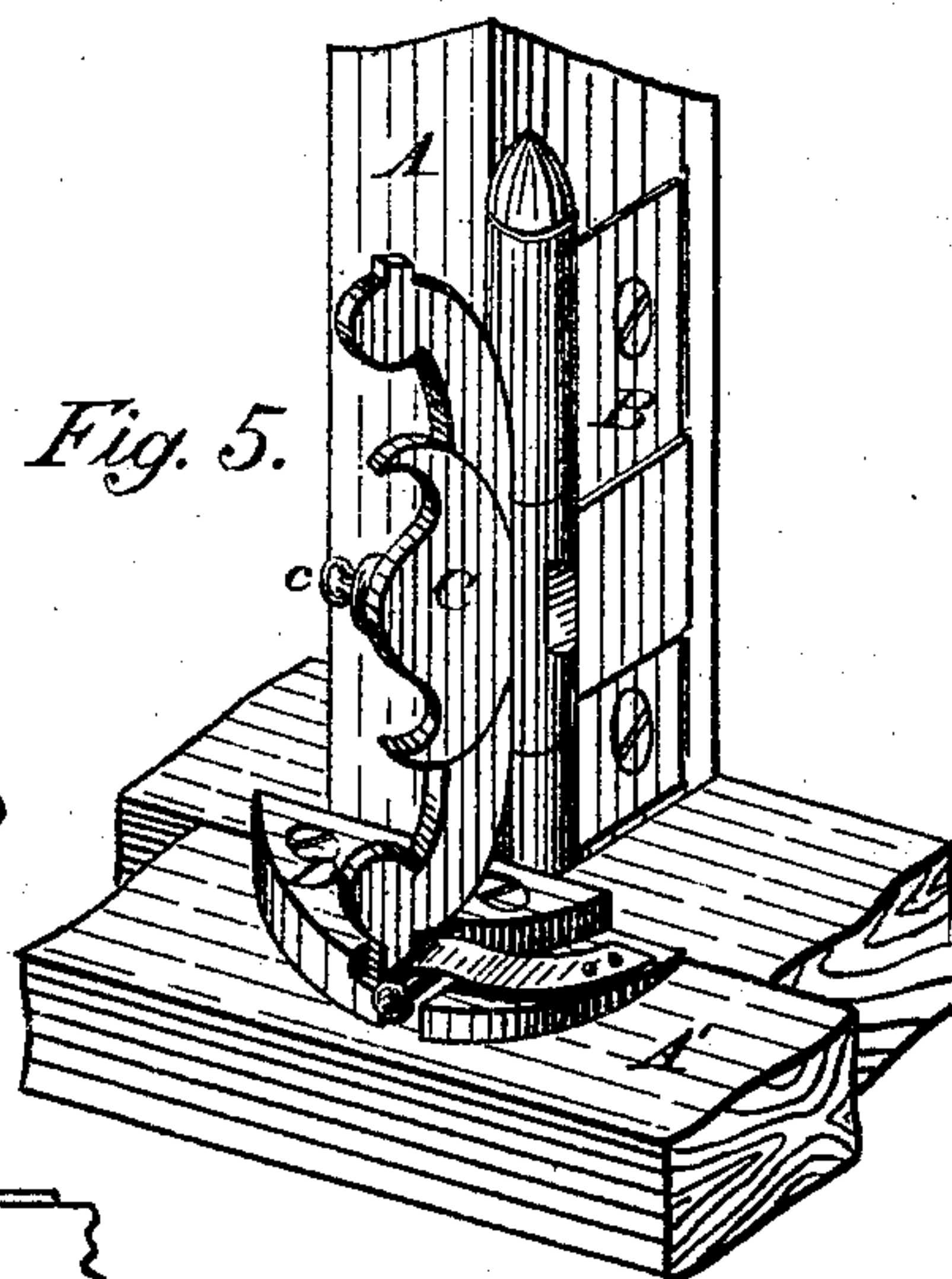


Fig. 5.



Witnesses

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Inventor

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UNITED STATES PATENT OFFICE.

WILLIAM A. DAVIS, OF ALLEGHENY, PENNSYLVANIA, ASSIGNOR OF ONE-HALF HIS RIGHT TO S. T. McCLELLAND, OF SAME PLACE.

IMPROVEMENT IN FASTENERS FOR THE MEETING-RAILS OF SASHES.

Specification forming part of Letters Patent No. 184,036, dated November 7, 1876; application filed April 20, 1876.

To all whom it may concern:

Be it known that I, WM. A. DAVIS, of the city of Allegheny and State of Pennsylvania, have invented a new and useful Improvement in Window-Sash Lock or Fastener; and I do hereby declare the following to be a full and exact description of the same, reference being had to the annexed drawing, forming part of this specification, and in which—

Figure 1 is a rear elevation of the lock. Fig. 2 is a front elevation of the same. Fig. 3 is a vertical section of the lock and fastener. Fig. 4 is a perspective view of the fastener detached; and Fig. 5 is a perspective view of the device complete and in position.

Similar letters of reference indicate corresponding parts in all the figures.

This invention relates to locks and fasteners for window-sashes; and it consists in the novel construction and combination of a plate, hinged bracket, spring, and catch-plate, as hereinafter more fully described and definitely claimed.

In the drawing, A A' are the sashes of a window. To the upper of these, A, is secured, by screws or otherwise, a metallic plate, B, having on the under or rear side a recess, in which is secured a spring, *a*. To the plate B is hinged a bracket, C, having on one side a button, *c*, by which it may be turned to its proper position, either in a line with, at a right angle to, or flat down upon, plate B, in either of which positions it is retained by spring *a*. D is the catch-plate or fastening device. This is secured upon the upper edge of the lower sash A'; and it consists of a flat segmental plate, *d*, part of the periphery of which is cut down slantingly, so as to form a double step or shoulder, *e e'*. To the edge of plate *d* is secured a spring, *f*, which may be depressed by a button, *i*.

The method of adjusting and operating my

improved sash-fastener will be readily understood from the foregoing description, and by reference to the drawing hereto annexed. The plate B is secured to the upper sash of a window, and to the upper edge of the lower sash is secured the catch-plate or fastening device D in such a manner that when the bracket C is in a position shown in Figs. 1 and 2 it shall rest upon step or shoulder *e*, and thus be prevented from turning by the spring *f*. The bracket C may have a downward projection, *b*, as shown in the drawings, so as to engage more readily with the fastening device. When it is desired to open the window, the spring *f* is depressed by means of the button *i*, and the bracket C may then be turned sidewise, so as to admit of the opening of either sash. If it is not desired to fully open the sash, the bracket C may be partially turned, and the button *c*, by coming in contact with the upper edge of the lower sash, will then prevent the window from opening more than partially.

My improved sash-fastener is simple, cheap, and easily adjusted and operated.

Having thus described my invention, I claim and desire to secure by Letters Patent of the United States—

1. The plate B, having spring *a*, and hinged bracket C, arranged to operate substantially as and for the purpose herein shown and specified.

2. The improved sash lock and fastener herein described, consisting of the plate B, having spring *a*, and hinged bracket C, in combination with the catch-plate or fastening device D herein described, all arranged and operated substantially in the manner and for the purpose herein shown and specified.

WM. A. DAVIS.

Witnesses:

SAMUEL T. McCLELLAND,
O. D. LEVIS.