

P. CONVER.
Improvement in Sash Holders.
No. 125,790. Patented April 16, 1872.

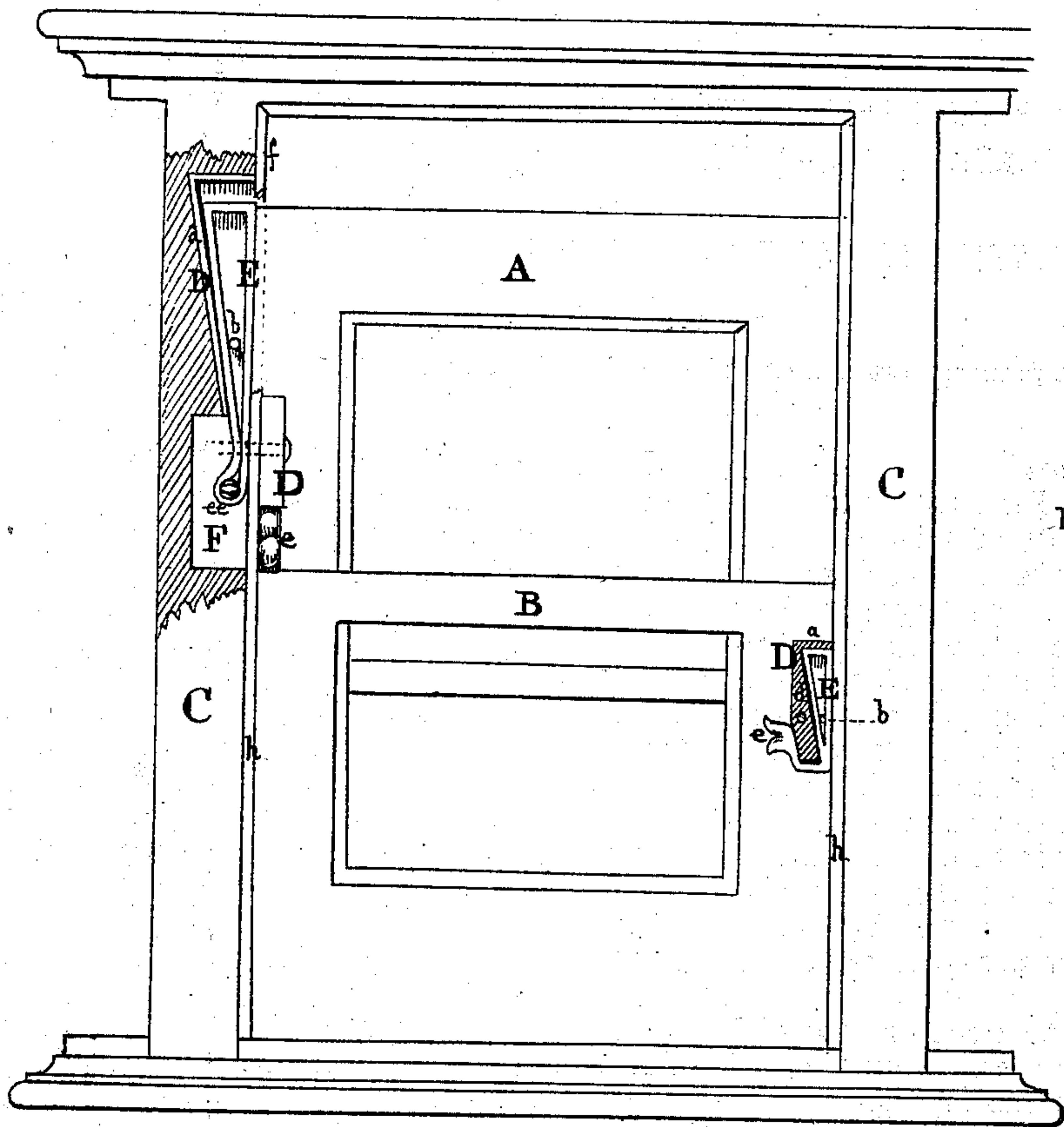


Fig. 1.

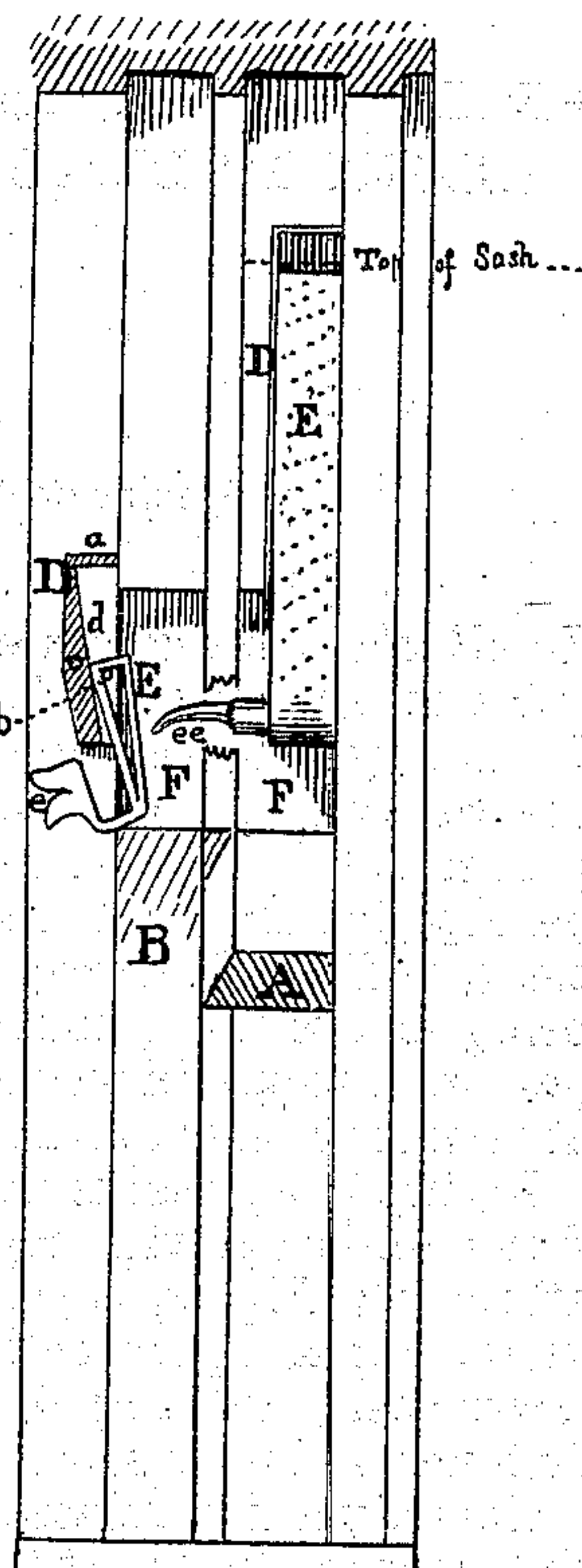


Fig. 2.

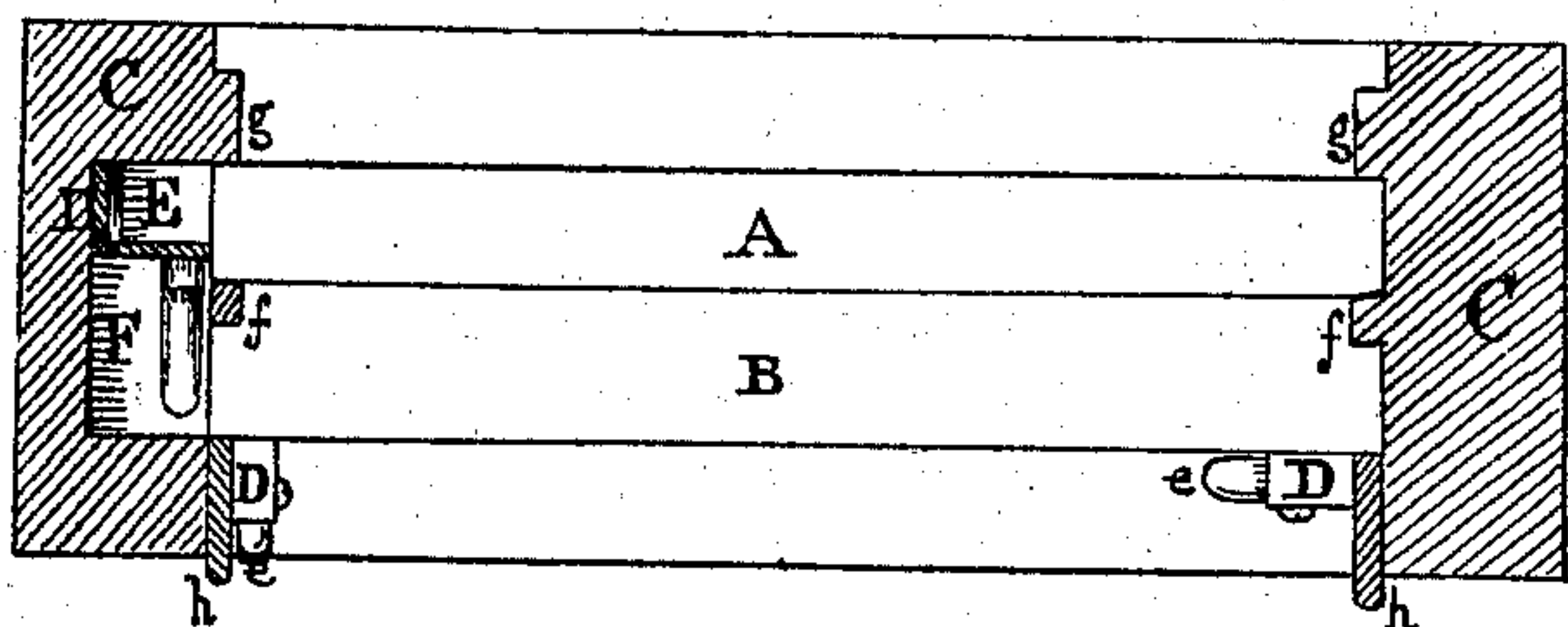


Fig. 3.

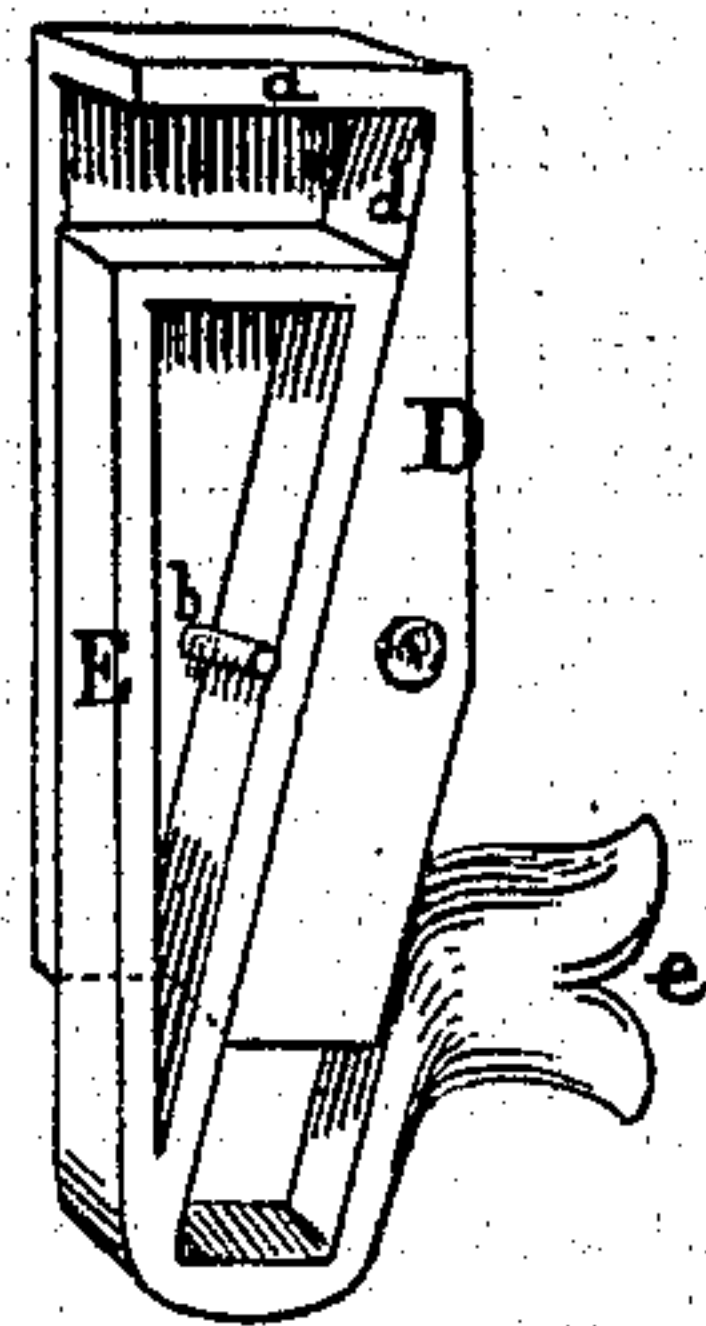


Fig. 4.

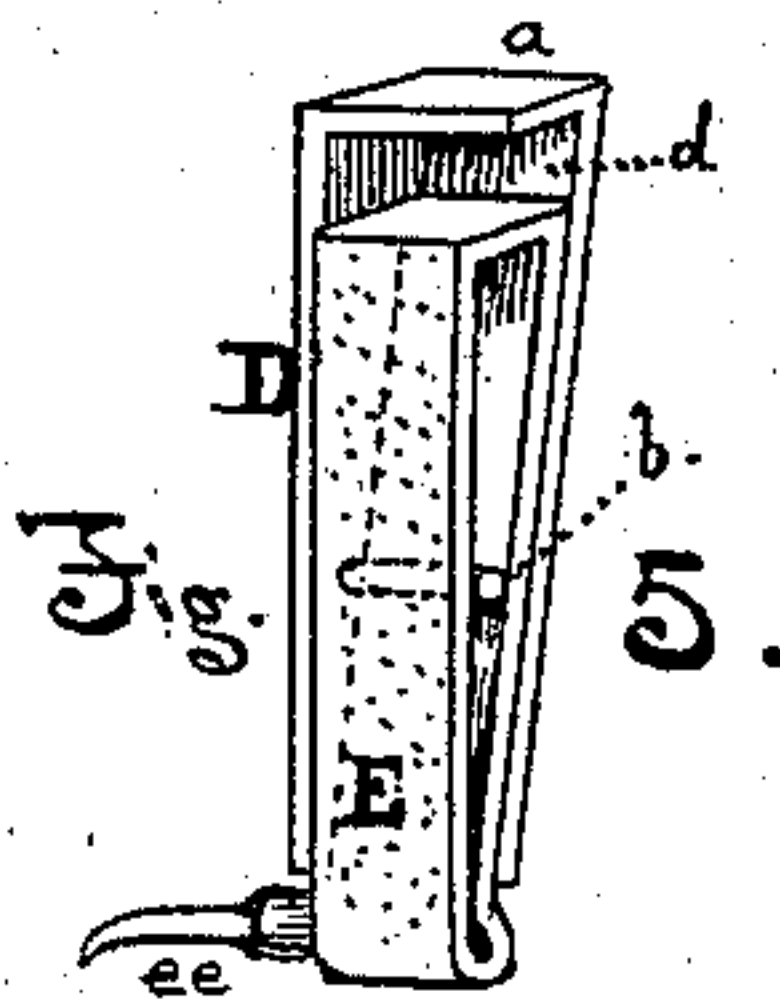


Fig. 5.

Witnesses,
M. Morris
& P. Goodwin

Peter Conner
Inventor by
Gilbert B. Fowler his
attorney in fact.

UNITED STATES PATENT OFFICE.

PETER CONVER, OF FARMINGTON, ILLINOIS, ASSIGNOR OF ONE-HALF HIS RIGHT TO ELIAS POTTER AND SILAS V. CRANDALL, OF SAME PLACE.

IMPROVEMENT IN SASH-HOLDERS.

Specification forming part of Letters Patent No. 125,790, dated April 16, 1872.

To all whom it may concern:

Be it known that I, PETER CONVER, of Farmington, in the county of Fulton and in the State of Illinois, have invented an Improvement in Window-Fastenings; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the annexed drawing making a part of this specification, in which like letters of reference refer to like parts, and in which—

Figure 1 represents an elevation of window-frame and sash with my improved fastenings attached; Fig. 2, a section; Fig. 3, a plan view; Fig. 4, a perspective view of fastener of lower sash; and Fig. 5, a perspective view of fastener of upper sash.

This invention relates to a box or case with the front or open part from which an inclosed wedge-catch operates at the meeting-rail to serve both as a friction-stop and a position-lock for both sashes.

The back part of said box D is formed by an inclined surface, *d*, opening upward and outward at an angle of about ten degrees from the plane surface operated upon, and is closed at the top by a plate or stop, *a*, to retain the inclosed catch E, closed on all sides but that described as open. On the side which is affixed to the window or jamb it may have one or two small points or pins which hold the box, in conjunction with a screw which passes through the box, near the incline *d*, into the sash or jamb, as the case may be. A pin, *b*, projects from the side of the box D horizontally, and parallel with and about one-fourth of an inch from the incline *d*, and which passes within a slot in the included wedge-shaped catch E, which works in the interior of the case, and is of a similar shape with the said interior. Projecting in an opposite direction, and brought beneath the case to the face of the wedge-catch, is a handle, *e*, acting also as a weight, as hereafter shown, which tends to pull the wedge-shaped catch down the incline against the surface of the sash; or, if the whole is attached to a sash, the wedge is brought against the jamb.

For supporting sash at various heights, the fastening may be attached either to the face of the sash, and to act against the window-strip or jamb, or, if attached to the latter, the fastener acts against the sash.

For the retention of the upper sash the fastener is let into a recess, F, cut in the sash-groove of said upper sash A, near the bottom of sash, (on either side of the window, whichever may be preferred,) so as to apply the vertical outer face of the wedge-shaped catch E to the edge of the said sash, to act as in the other applications. This surface of the catch may be roughened, the better to form a union with the surface of the sash.

The fastener applied to the upper sash varies in no point from the others except the slight modification of the handle *e e*, which in this case projects sideways from the sliding catch E so as to be attainable from the room or window-space.

The operation of this device is as follows: When the sash is left to fall, it presses against the vertical edge of the wedge-shaped fastener E and becomes tightly wedged against the incline, whether the fastener is attached to the sash or to the jamb, or within the recess in the groove for the upper sash.

In the drawing both of the latter ways of attaching the fastener are shown as applied to one sash. Of course, but one is actually necessary. One of these is shown attached to the window-jamb; and in this position, when the sash is down, its upper edge being then below the lower end of the case, the wedge-shaped catch drops downward until it hangs upon the pin, the weighted handle causing it to be thrown over the adjacent upper edge of the sash, thus preventing its being raised from outside of the window.

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

The hollow wedge E having weighted handle *e*, in combination with the recessed box D having pin *b*, constructed and arranged at the meeting-rails in such manner that the handle *e* may be used as a positive lock for both sashes.

In testimony that I claim the foregoing window-fastener I have hereunto set my hand this 19th day of July, A. D. 1871.

PETER CONVER.

Witnesses:

GEO. H. LITTLEWOOD,
T. W. HARRINGTON.