

H. JOHNSTON.

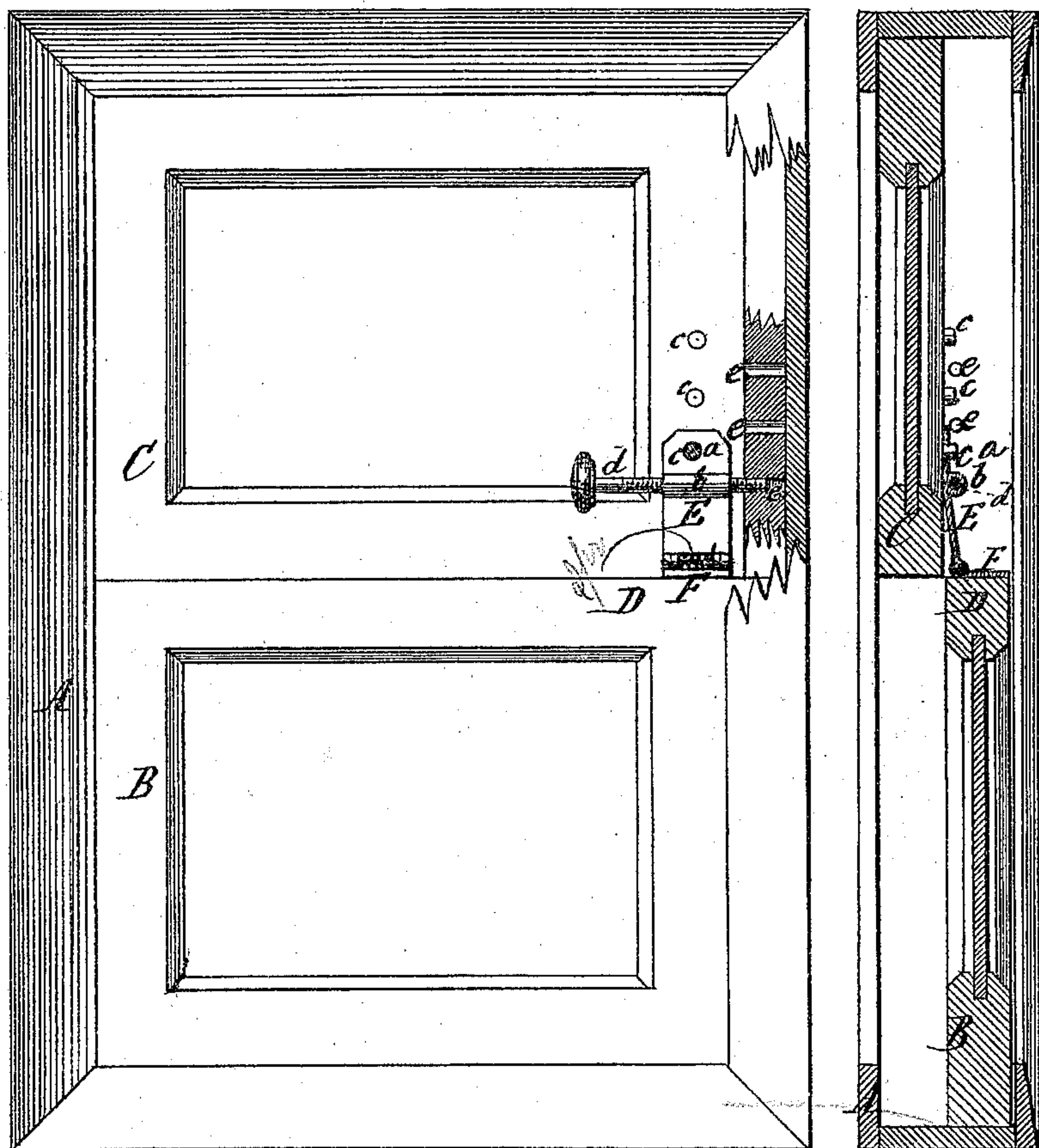
Improvement in Window-Sash Fasteners.

No. 130,504.

Patented Aug. 13, 1872.

Fig. 1.

Fig. 2.



Witnesses.
Chas. Wickers.
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UNITED STATES PATENT OFFICE.

HAMILTON JOHNSTON, OF NEW YORK, N. Y.

IMPROVEMENT IN WINDOW-SASH FASTENERS.

Specification forming part of Letters Patent No. 130,504, dated August 13, 1872.

To all whom it may concern:

Be it known that I, HAMILTON JOHNSTON, of the city, county, and State of New York, have invented a new and Improved Window-Fastener; and I do hereby declare the following to be a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification, in which drawing—

Figure 1 represents a sectional front view of my invention. Fig. 2 is a transverse section of the same.

Similar letters indicate corresponding parts.

This invention consists in a hinged brace, one leaf of which is firmly secured to the meeting-rail of the lower sash, while its other leaf is provided with two sockets running at right angles to each other or nearly so, one of said sockets being a hole or opening only intended to engage with studs secured at convenient distances apart in the upper sash, and the other socket being provided with a bolt, which can be made to engage with holes in the side of the window-frame in such a manner that, by means of said brace, both sashes can be securely locked whether the same are closed or partially open.

In the drawing, the letter A designates the frame of a window, in which move two sashes, B C. On the meeting-rail D of the lower sash B is secured a brace, E, which is hinged to a plate or clamp, F, that is firmly fastened to the parting-strip. With the hinge-joint may be combined a spring for the purpose of keeping the upper end of the brace in contact with the upright of the upper sash C. Said brace is provided with two sockets, *a b*, which extend at right angles to each other, or nearly so. The socket or opening *a* is intended to engage with either one of a series of studs, *c*, which are secured at convenient distances apart in the upright of the upper sash C, so that said upper sash will be retained in any desired position into which it may be brought. The socket *b* in the brace E is furnished with a bolt, *d*, which may either be made in the form of a screw, as shown in the drawing, or which may be made to slide in the socket,

and which, in this case, will be provided with a stop to prevent it from being withdrawn from the socket or from dropping out accidentally. This bolt is intended to engage with either one of a series of holes, *e*, made in the side of the frame A, and if the brace is brought in the position shown in the drawing and the bolt *d* is caused to engage with the hole opposite to it, both sashes are securely locked in their closing position.

But it will be readily seen that the upper sash can be let down for one or more of the studs *c* and then locked in a partially-open position, or the lower sash can be raised and locked in a partially-open position, or both sashes can be partially opened and then locked. For whenever the socket *a* in the brace is caused to engage with one of the studs *c*, and at the same time the bolt *d* is caused to catch in one of the holes *e*, the sashes are securely locked, and their position cannot be disturbed until the bolt *d* is withdrawn from its hole. As long as the bolt remains in one of the holes *e* the brace cannot be disengaged from the stud *c*, with which it has been made to engage, and the position of the sashes cannot be disturbed.

Instead of making the socket *b* distinct from the hinge-joint, the fulcrum-pin of the hinge-joint may be made to engage with the holes *e*, and in this case two or more of the loops of the hinge-joint are made square to engage with a square part of the fulcrum-pin and to enable the pin to lock the brace whenever it is made to engage with one of the holes.

What I claim as new, and desire to secure by Letters Patent, is—

The hinged brace E provided with sockets *a b* running at right angles to each other or nearly so, the socket or opening *a* intended to engage with studs *c* secured to the upper sash, and the socket *b* provided with bolt *d*, which engages in holes in the side of the frame, all substantially as shown and described, for the purpose set forth.

This specification signed by me this 6th day of July, 1872.

HAMILTON JOHNSTON.

Witnesses:

W. HAUFF,
E. F. KASTENHUBER.