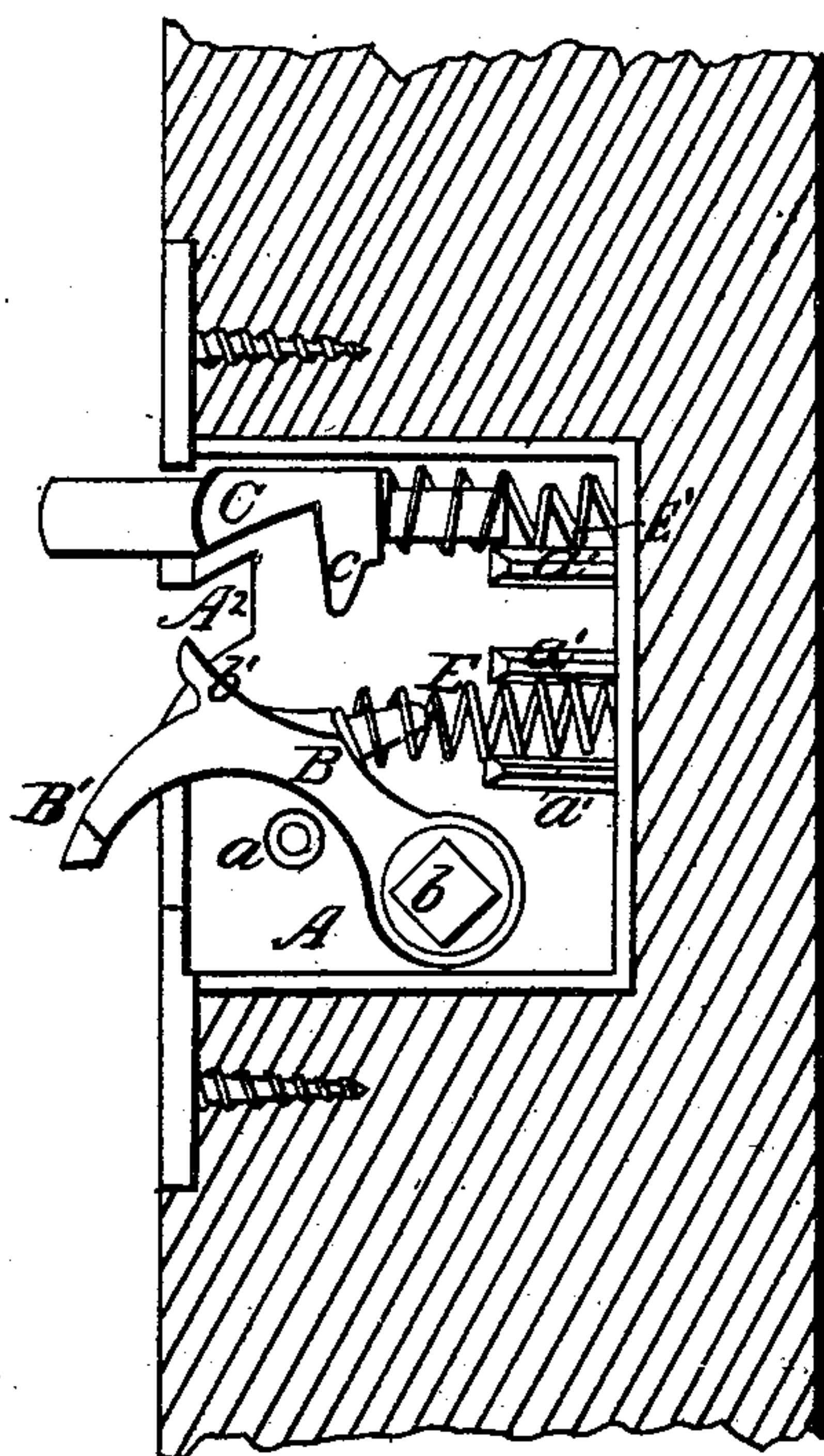
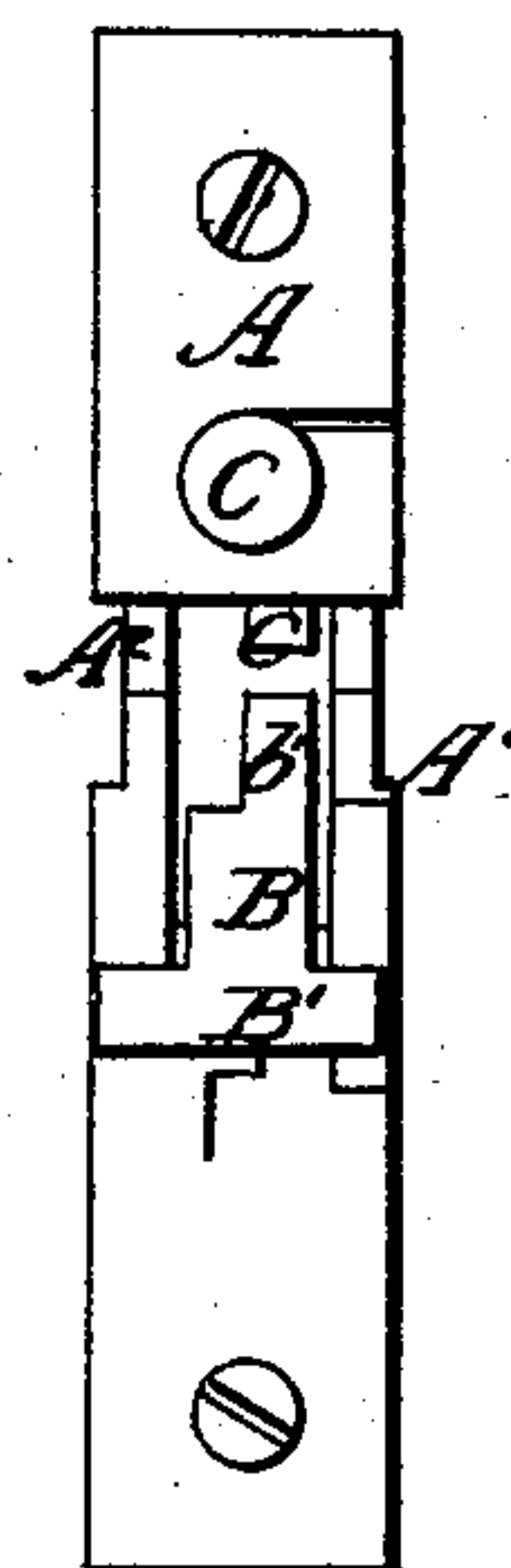


*D. P. Lacey.*  
*Sash Fastener.*  
*No. 81,179. Patented Aug. 18, 1868.*

*Fig. 1*



*Fig. 2*



*Witnesses:*

*Wm. H. Brewster*  
*J. H. Brown*

*Inventor:*

*Daniel P. Lacey*  
*By *[Signature]* Attorney*

# United States Patent Office.

DANIEL P. LACEY, OF ORFORDVILLE, WISCONSIN, ASSIGNOR TO ROBERT R. BALL.

*Letters Patent No. 81,179, dated August 18, 1868.*

## IMPROVEMENT IN SASH-HOLDERS.

*The Schedule referred to in these Letters Patent and making part of the same.*

### TO ALL WHOM IT MAY CONCERN:

Be it known that I, DANIEL P. LACEY, of Orfordville, in the county of Rock, and State of Wisconsin, have invented a new and useful Improvement in Sash-Supporters and Locks; and I do hereby declare that the following is a sufficiently full, clear, and exact description thereof to enable one skilled in the art to which my said invention appertains to make and carry it into effect, reference being had to the accompanying drawing, which is made a part of this specification.

My present invention is intended as an improvement on the sash-supporter for which Letters Patent, No. 57,783, were, on the fourth day of September, 1866, granted to Lacey and Bartlett.

My improvement consists in the enlargement or widening of the end of the bolt or dog, for the purpose of increasing its bearing-surface, and in the provision of a suitable notch or recess in the face of the lock, for the reception of said enlarged portion when the bolt is retracted.

In the drawings—

Figure 1 represents an elevation of a sash-supporter having my improvement applied in position in the window-jamb, a portion of which is shown in section, the side of said supporter nearest the spectator being removed, to expose its internal construction.

Figure 2 is a front view of the supporter, detached.

The sash-supporter represented is analogous to that patented by Lacey and Bartlett, and before referred to, and is intended to be inserted in the jamb of the window at any suitable point, and operate by engaging with suitable holes or indentations in the edge of the sash, or by friction at intermediate points.

The casing, A, is preferably cast in one piece, except the removable side A<sup>1</sup>, which is attached thereto in the usual manner, by a screw engaging with the female screw in the boss a.

B C are the bolts, and E E' spiral springs, by which said bolts are held in their protruded position, a a' being flanges or partitions cast on the casing A, to form sockets for said springs.

The bolt B is retracted by means of an angular key inserted in a corresponding aperture, b, in its hub, and in its movement retracts the bolt C by its projection b' coming in contact with the downward projection c of said bolt.

The face or point B' of the bolt B is laterally enlarged or widened to any desired extent, to increase its bearing-surface, and the face of the casing A is notched or recessed, as at A<sup>2</sup>, for the reception of said enlarged projection when the bolt is retracted.

I am thus enabled to construct the bolts with as broad faces as may be required for the purpose for which they are employed, without enlarging the lock proper, or increasing the cost of manufacture.

In using my invention in the form of sash-supporter represented and described, the handle of the key by which it is operated may be of such a form as to adapt it to form a curtain-holder, the small amount of movement of said handle especially adapting it for that purpose.

I also propose inserting one or more springs in the window-frame on the opposite side from the supporter, for the purpose of steadying and centring the sash, when desired.

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

The combination of the widened point B', notches or depressions A<sup>2</sup>, pivoted bolt or tumbler B, lock-bolt C, and springs E E', all arranged and employed substantially as and for the purposes set forth.

DANIEL P. LACEY.

Witnesses:

J. B. TURCHIN,  
L. H. LANE.