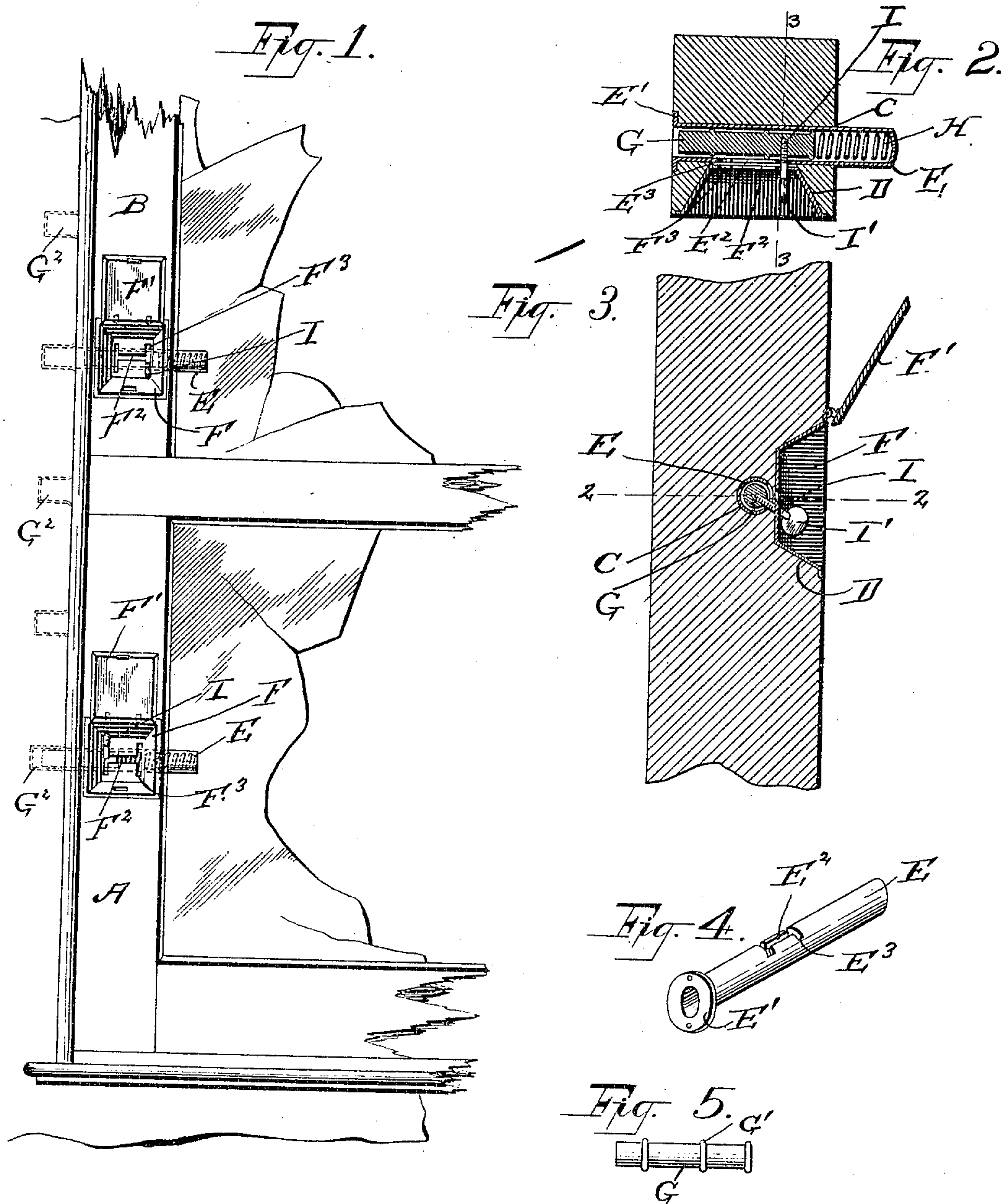


No. 812,229.

PATENTED FEB. 13, 1906.

J. POWER.  
SASH LOCK.

APPLICATION FILED MAR. 7, 1905.



Witnesses:

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# UNITED STATES PATENT OFFICE.

JAMES POWER, OF METHUEN, MASSACHUSETTS.

## SASH-LOCK.

No. 812,229.

Specification of Letters Patent.

Patented Feb. 13, 1906.

Application filed March 7, 1905. Serial No. 248,794.

*To all whom it may concern:*

Be it known that I, JAMES POWER, a citizen of the United States, residing at Methuen, in the county of Essex and State of Massachusetts, have invented a new and useful Improvement in Sash-Locks, of which the following is a specification.

This invention is an improved form of sash-lock, the object being to provide a simple and efficient device by means of which either the upper or lower sash can be locked in either an open or closed position and with this object in view the invention consists in the novel features of construction hereinafter fully described, and pointed out in the claim.

In the drawings forming a part of the specification, Figure 1 is a view showing one side of a window with my improved construction of sash-lock applied thereto. Fig. 2 is a horizontal sectional view on the line 2 2 of Fig. 3. Fig. 3 is a vertical sectional view on the line 3 3 of Fig. 2. Fig. 4 is a detail perspective view of the sleeve within which the bolt works. Fig. 5 is a view of the bolt.

Referring to the drawings, A indicates a side rail of the lower sash, and B the side rail of the upper sash, which rail has a horizontal bore or passage-way C produced therein, and the forward face of each rail is recessed, as shown at D, said recess communicating with the horizontal bore C. A sleeve E is arranged in each horizontal bore C, the outer end of the sleeve being flanged, as shown at E', by means of which it is fastened in the rail of the sash. The opposite end of the sleeve is closed, and this closed end preferably projects beyond the inner face of the side rail of the sash, as shown. Intermediate the ends of the sleeve and in the side adjacent the recess D is produced a horizontal slot E<sup>2</sup>, which slot communicates at each end with transverse slots E<sup>3</sup>. A box or case F fits snugly in each recess D, said box having a hinged cover F', which fits flush with the face of the side rail of the sash when closed. The back or rear wall of the box or case is slotted horizontally, as shown at F<sup>2</sup>, which slot communicates with vertical slots F<sup>3</sup>, said slots F<sup>2</sup> and F<sup>3</sup> registering with the slots E<sup>2</sup> and E<sup>3</sup>, as most clearly shown in Fig. 2.

G indicates the bolt which is arranged to slide in the sleeve E, and is preferably constructed with annular ribs G'. A spiral

spring H is arranged in the inner end of the sleeve E and is adapted to bear against the inner end of the bolt, for the purpose of projecting the said bolt into one of a series of sockets or recesses G<sup>2</sup>, produced in the runway of the window-frame, for the purpose of holding the sash in a locked position, and a plurality of such recesses are employed in order to permit the window to be locked at any point desired.

For the purpose of manipulating the bolt G, I employ a pin I, which is threaded into the bolt, said pin being passed through the slots, and is provided with a head I', which rests within the box or casing F. When it is desired to unlock the sash, the bolt is pushed back by means of the pin and the said pin turned up or down in the inner slots E<sup>3</sup> and F<sup>3</sup>, thereby holding the bolt in its unlocked position. When it is desired to lock the window, the pin is released and the spring will force the bolt into engagement with the first recess or socket it is brought into alinement with, and, if desired, the bolt can be secured in this position by turning the pin up or down in the outer slots E<sup>3</sup> and F<sup>3</sup>, as most clearly shown in the lower sash of Fig. 1.

It will thus be seen that I provide an exceedingly simple and efficient construction of sash-lock capable of carrying out all of the objects hereinbefore referred to, and which will operate in the manner set forth.

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

The combination with a sash having a horizontal bore and a recess communicating with said bore, of a sleeve fitting in said recess provided with horizontal and vertical slots communicating with each other, a box fitting in said recess having slots formed in its rear wall, corresponding with the slots of the sleeve, a bolt provided with annular ribs arranged in said sleeves, a spring arranged at one end of the sleeve, a pin secured to the bolt extending through the slots of the sleeve and box, and provided with a head, and a hinged cover adapted to close said box, for the purpose described.

JAMES POWER.

Witnesses:

THOMAS CHAPMAN,  
GEO. A. ASHLAND.