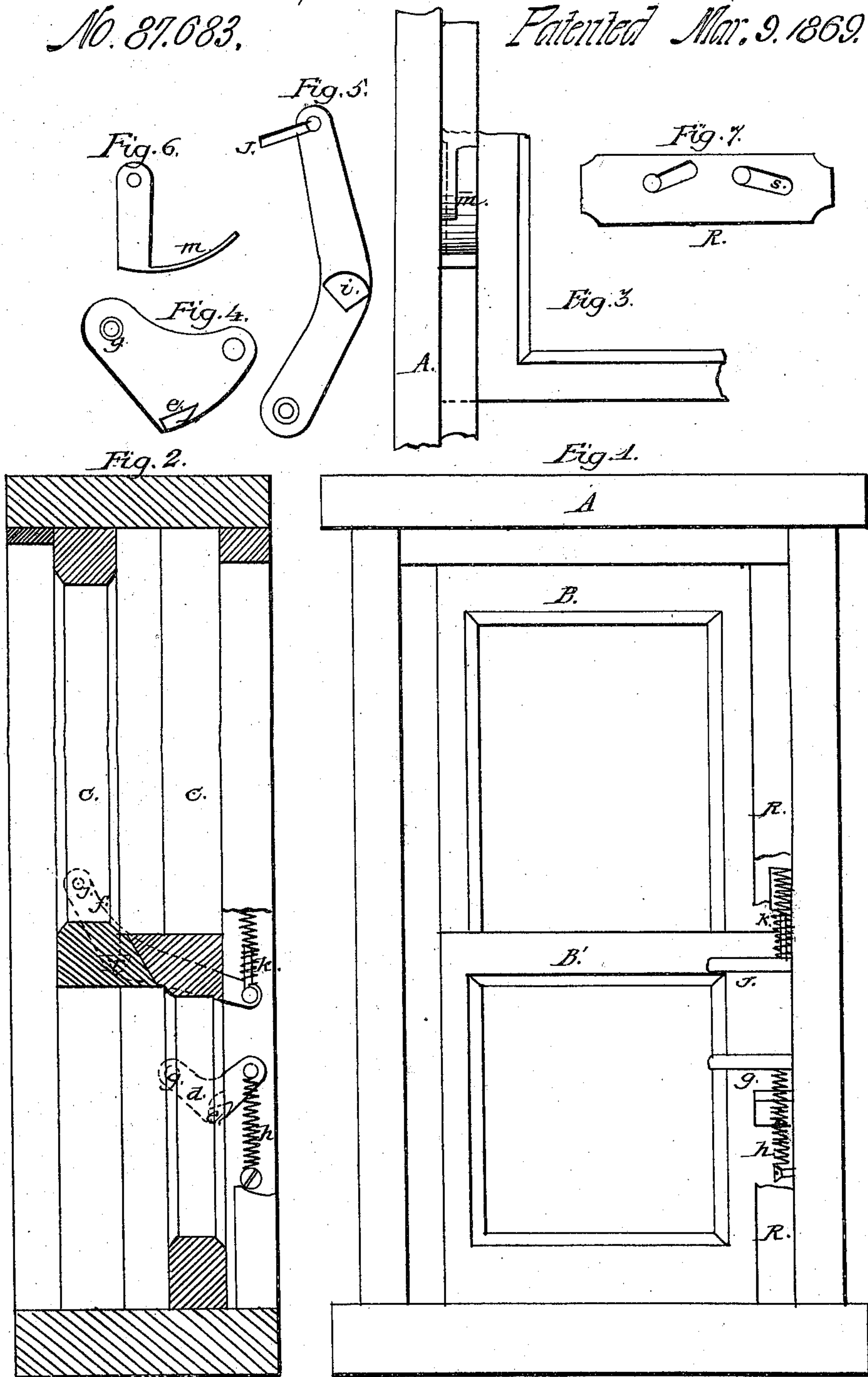


*D. P. Lacy,*

*Sash Holder.*

*No. 87,683.*

*Patented Mar. 9, 1869.*



*Witnesses:*  
*J. W. Minter*  
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*Inventor:*  
*D. P. Lacy*  
*Per.*  
*J. H. Alexander*  
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# United States Patent Office.

DANIEL LACEY, OF ORFORDVILLE, WISCONSIN, ASSIGNOR TO ROBERT R. BAILL, OF WEST MERIDEN, CONNECTICUT.

Letters Patent No. 87,683, dated March 9, 1869.

## IMPROVEMENT IN SASH-HOLDER.

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 certain new and useful Improvements in Sash-Locks; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification, in which—

Figure 1 represents a front view of my sash and window-frame.

Figure 2 gives an elevation of the inner surface of one side of window-frame, with the strip removed, so as to afford a view of the latches.

Figure 3 represents a spring, with its shank inserted in the window-frame.

Figure 4 is a plan view of the latch that locks the lower sash.

Figure 5 is a plan view of the latch that locks the upper sash.

Figure 6 is a side view of the spring exhibited in fig. 3.

Figure 7 is a section of the strip which confines the latches in place.

The nature of my invention consists in the arrangement of two latches and a spring, for locking the upper and lower sashes of a window, and also to prevent them from rattling, the said latches and spring being constructed and operated in the manner substantially as hereinafter set forth.

A represents the window-frame, furnished with sash-frames B and B'.

O O, in fig. 2, represent the grooves made to receive the sash-frames B and B'.

*d* designates a latch, secured to the inner surface of frame A by a screw, on which said latch is allowed to play freely.

On the outer surface of latch *d* is the catch or stop *e*, the use of which will be hereinafter seen.

*g* represents a metal rod, fastened to latch *d* at right angles with the said latch. By this rod the latch *d* is operated.

*h* represents a spiral spring, the upper end of which presses against the latch *d*, while its lower end is coiled around a screw.

*f* represents a second latch, confined to the window-

frame in the same manner as latch *d*, and furnished with a catch or stop, *i*, and rod or handle, *j*, also with a spiral spring, *k*, which is confined in its place by the same means, and for the same purpose as spring *h*, already described.

Near the lower end of the upper sash-frame, a depression is made, to receive the catch *i*, and midway of the lower sash-frame, a similar depression is made, to receive the catch *e*.

*m* designates a spring, with a shank extending at right angles with it, the said shank being secured to frame A.

The spring *m* is curved in such a manner that its concave side will lap over the strip that separates the two sash-frames, while the convex side will press against the top of the lower sash-frame, and keep it from rattling under the influence of wind or other causes.

In operating latch *f*, the rod *j* must be moved upward to the top of the slot *s* in strip R. This movement will disengage the catch *i* from the depression in which it was embedded, and place the frame in condition to be taken out.

In raising the lower sash, the same upward motion of rod *g* will free the latch *d*, so that the sash can be raised, and stopped at any required elevation, by letting go the rod *g*, and allowing the catch to press on the surface of the sash-frame.

The chief advantage I claim for my mode of locking window-sash in the manner above described is, that it is impossible to remove the upper sash, or raise the lower one, from the outside.

I am aware that latches of similar character are in use, and I do not claim such latches of themselves, nor the principle of their operation; neither do I claim the combination of such latches with a window-sash; but

What I do claim, is—

The latches *d f*, in conjunction with the lower and upper sashes of a window, as constructed and arranged, as and for the purpose set forth.

In testimony that I claim the foregoing as my own, I affix my signature, in presence of two witnesses.

DANIEL P. LACEY.

Witnesses:

S. RANDOLL,  
WYMAN P. FISKE.