

(No Model.)

W. SCHARNWEBER.  
SASH FASTENER.

No. 548,931.

Patented Oct. 29, 1895.

Fig. 1.

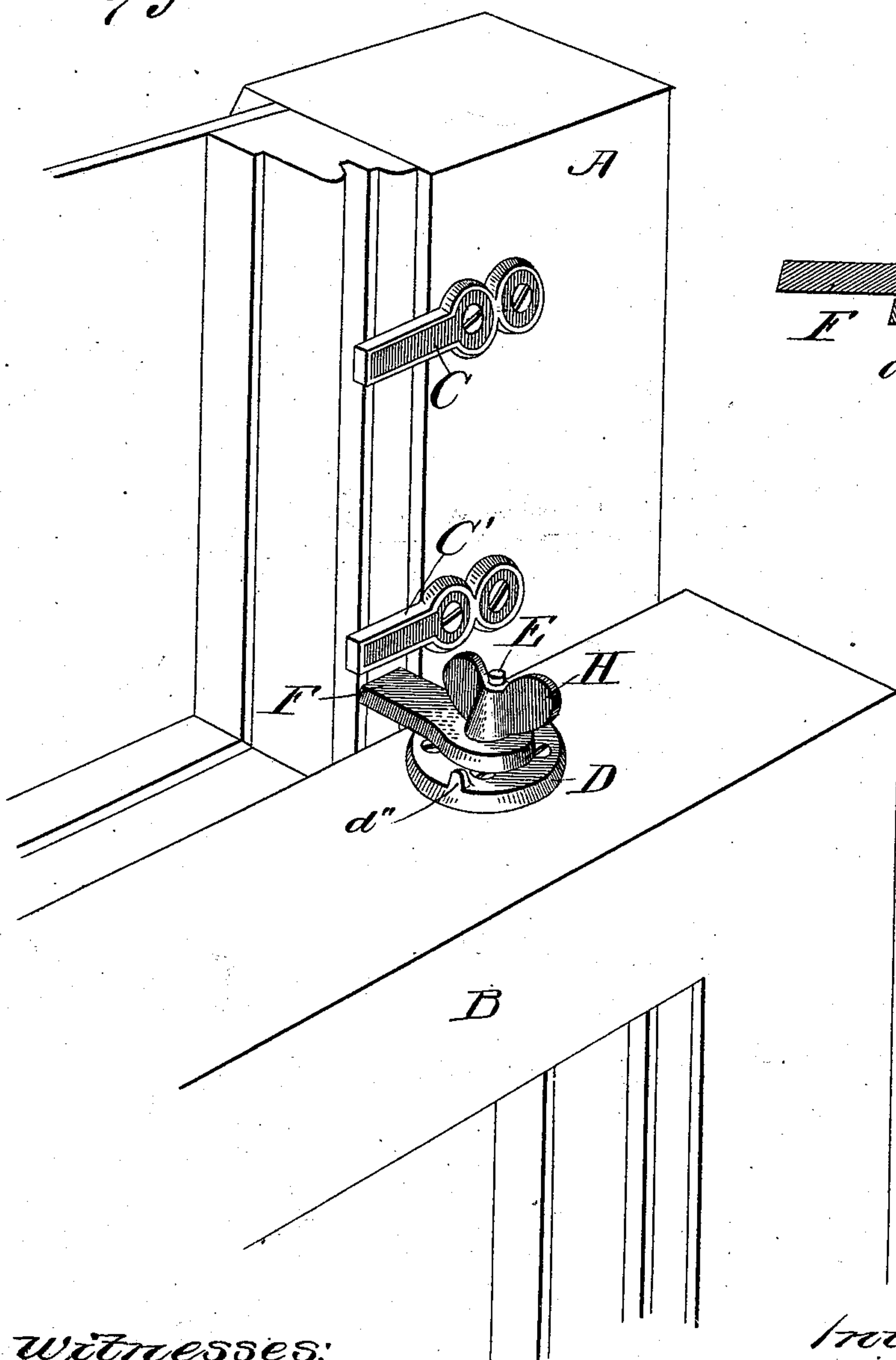
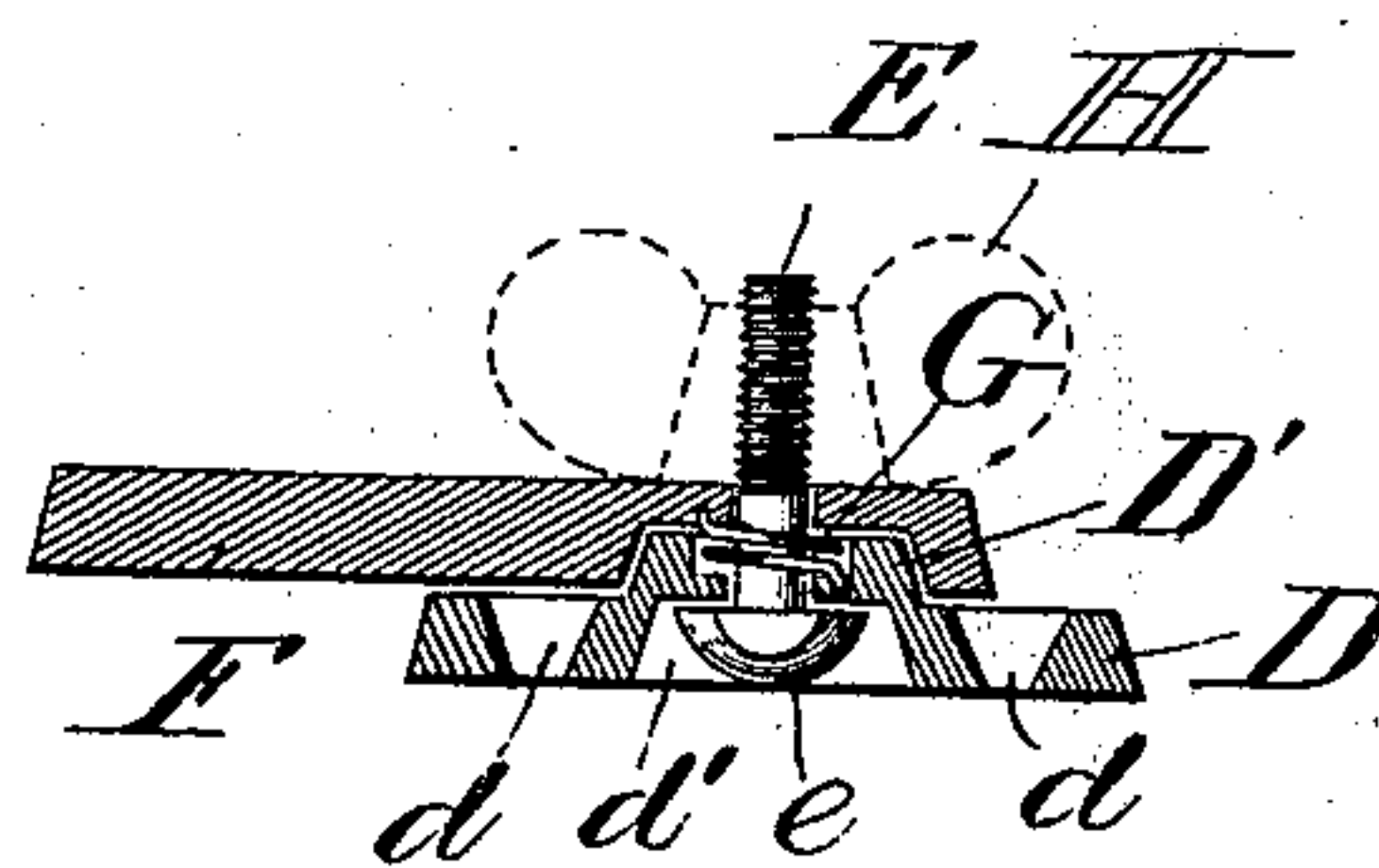


Fig. 2.



Witnesses:  
F. R. Cornwall  
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Inventor  
William Scharnweber  
by Paul Bakewell  
his atty.



# UNITED STATES PATENT OFFICE.

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## SASH-FASTENER.

SPECIFICATION forming part of Letters Patent No. 548,931, dated October 29, 1895.

Application filed January 2, 1895. Serial No. 533,540. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM SCHARNWEBER, a citizen of the United States, residing in the city of St. Louis, State of Missouri, have invented a certain new and useful Improvement in Sash-Locks, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification, wherein—

Figure 1 is a perspective view of my device applied to the upper and lower sashes of a window. Fig. 2 is a detail sectional view of one of the locking members.

This invention relates to a new and useful improvement in sash-locks of that class which is especially adapted to lock the upper and lower sashes of a window to each other, all as will hereinafter be described, and afterward pointed out in the claim.

In the drawings, A indicates the upper sash of a window, and B the lower sash. Secured to one of the side rails of the upper sash A are two projections or lugs C and C', which extend inwardly beyond the edge of the side rail. The other member of the lock is attached to the upper face of the meeting-rail of the lower sash B, and consists of a base D, through which are formed openings *d* for the passage of screws, which secure the base to the meeting-rail.

An elongated or angular recess *d'* is formed on the underside of the base D, which recess receives the head of a bolt E, which projects upwardly from the base D. *D'* indicates a boss which is raised from the base D, said boss encircling the bolt E and affording a pivot-shoulder for a swinging arm F, which is recessed on its under side to receive the boss *D'*. Surrounding the bolt E and connecting the arm F and the base D is a torsional spring G, whose function is to return the arm F out of the path of the projections C and C' when the thumb-nut H on the bolt E, which binds the parts together, is loosened. A stop or projection *d''* extends from the base D and limits the inward movement of the arm F.

When the arm F is in its projected position, as shown in Fig. 1, it is in the path of the projection C', and the upper sash is limited in its lower movement the distance between said projection and the arm F when the sashes are in their normal position, while the lower sash is limited in its upward movement in like manner. Should it be desired to raise the lower sash uninterrupted, the winged nut H is loosened and the torsional spring G will retract the arm F out of the path of the projection C or C', at which time the upper sash can also be lowered. Should it be desired to lock either the lower sash or the upper sash in a partially-open position, the arm F is projected between the projections C and C'. As many projections can be used on the upper sash as desired.

This lock is especially useful in locking the two sashes when it is desired to ventilate a room.

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

In a sash lock, the combination with the projections C and C' which are adapted to be arranged at different points along the length of the vertical rail of the upper sash, of a locking section, which is adapted to be mounted upon the meeting rail of the lower sash, said section comprising a base by which it is secured to the meeting rail, a pivot bolt extending from the base, an arm which is pivoted on the bolt, said arm being adapted to be swung into and out of the path of the projections C and C', and a nut on the bolt for locking the arm in its adjusted positions; substantially as described.

In testimony whereof I hereunto affix my signature, in presence of two witnesses, this 22d day of December, 1894.

WILLIAM SCHARNWEBER.

Witnesses:

HUGH K. WAGNER,  
F. R. CORNWALL.