

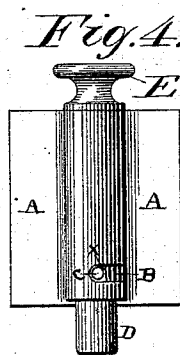
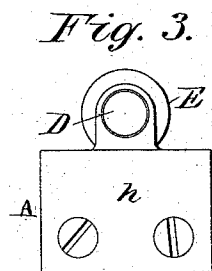
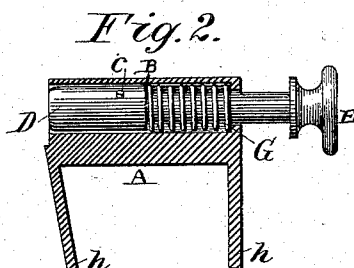
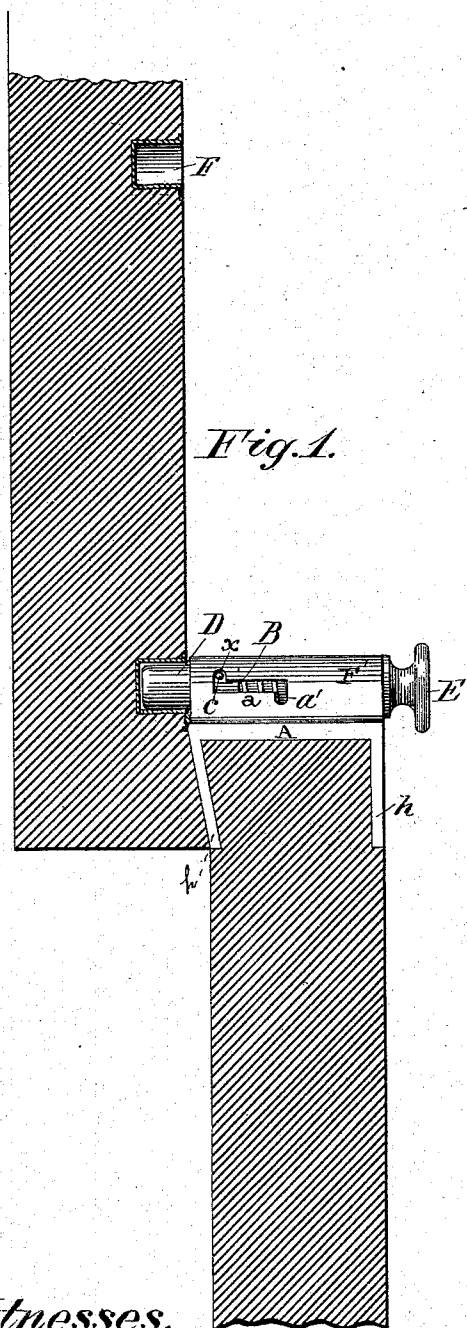
(No Model.)

F. D. PARADISE.

FASTENER FOR THE MEETING RAILS OF SASHES.

No. 288,731.

Patented Nov. 20, 1883.



Witnesses.

David McKee
Frank Vincent

Inventor.

Frank Danas Paradise
Claude Freeman atty.

UNITED STATES PATENT OFFICE.

FRANK D. PARADISE, OF MEMPHIS, TENNESSEE.

FASTENER FOR THE MEETING-RAILS OF SASHES.

SPECIFICATION forming part of Letters Patent No. 288,731, dated November 20, 1883.

Application filed September 18, 1882. (No model.)

To all whom it may concern:

Be it known that I, FRANK D. PARADISE, of Memphis, Shelby county, Tennessee, have made certain new and useful Improvements in Window-Buttons, of which the following is a specification.

My invention relates to an improvement in window-buttons; and it consists in a window-button consisting of a frame which is provided with dovetailed flanges, a spring-bolt provided with a pin or projection, and a bolt-barrel made integral with the frame, and provided with a longitudinal slot having side recesses at either end, as will be more fully described hereinafter.

Figure 1 is a side elevation of my improvement. Fig. 2 is a vertical section of the frame, showing bolt in position. Fig. 3 is an end view. Fig. 4 is a plan view.

A represents the frame of the button, provided with depending flanges *h* at each end, one of which is made angling, and said flanges designed to catch over the top of the sash, and partially secure said frame to said sash. These flanges are also provided with orifices through which screws pass into the sash-rail, and thus securely fasten the frame A to the sash. Upon the top of frame A, and made integral therewith, is the bolt-barrel F', said barrel being of a cylindrical form and provided with a longitudinal side slot, B. Said slot is provided at either end with side recesses, *a'*, for the purpose hereinafter set forth.

Within the barrel F' works the bolt D, provided with a shoulder, B, against which one end of the coil-spring G rests. The other end of said coil-spring bears against an annular shoulder at the rear of the barrel.

Projecting from the bolt D, and extending through the slot B, is a pin, C, designed to lock the bolt in place.

It will be seen by the foregoing construction that the coil-spring G shoots forward the bolt, the pin C meanwhile following the course of slot B. If after the bolt is shot it is revolved so as to force the pin C within the recess *x*, said bolt will be locked in place. On the other

hand, if the bolt be drawn backward and turned so as to force the pin C into the recess *a'*, said bolt will again be locked in place.

Within the side rail of the upper sash, in line with the path of the bolt, thimbles F are sunk. These thimbles are designed to receive the bolt when shot, and may be of any desired number and situated at convenient distances apart.

The operation of my invention is as follows: The flanges *h* are slipped over the side of the meeting-rail of the lower sash and fixed in place by screws, as already stated. The thimbles F are sunk in the side rail of the upper sash and the device is prepared for operation. The spring G acting upon the bolt forces it forward and causes it to enter one of the thimbles F. Said bolt is now turned until the pin C enters the recess *x*, whereupon the bolt is locked in place and the sashes secured together. If it be desired to raise the window, the bolt is turned and retracted, and then turned again until the pin C is forced into recess *a'*, whereby the bolt is locked in its retracted position. The sash may then be raised to the desired height and the bolt again shot and locked, as before, into one of the thimbles F.

My invention differs from others heretofore made in having one of the flanges of frame A made angling, so as to conform to the shape of the rail, and thus prevent the frame A from being forced or raised upward from the rail in case force is applied to it.

Having thus described my invention, what I claim is—

A window-button consisting of the frame A, provided with depending dovetailed flanges *h*, a spring-bolt, D, provided with a pin, C, and a bolt-barrel, F', made integral with said frame, and provided with a longitudinal slot having side recesses at either end, substantially as described.

FRANK DANAS PARADISE.

Witnesses:

D. MCKEE,
FRANK VINCENT.