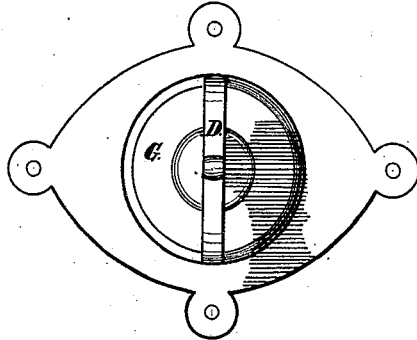


H. R. PARROTT,  
Sash-Fastener.

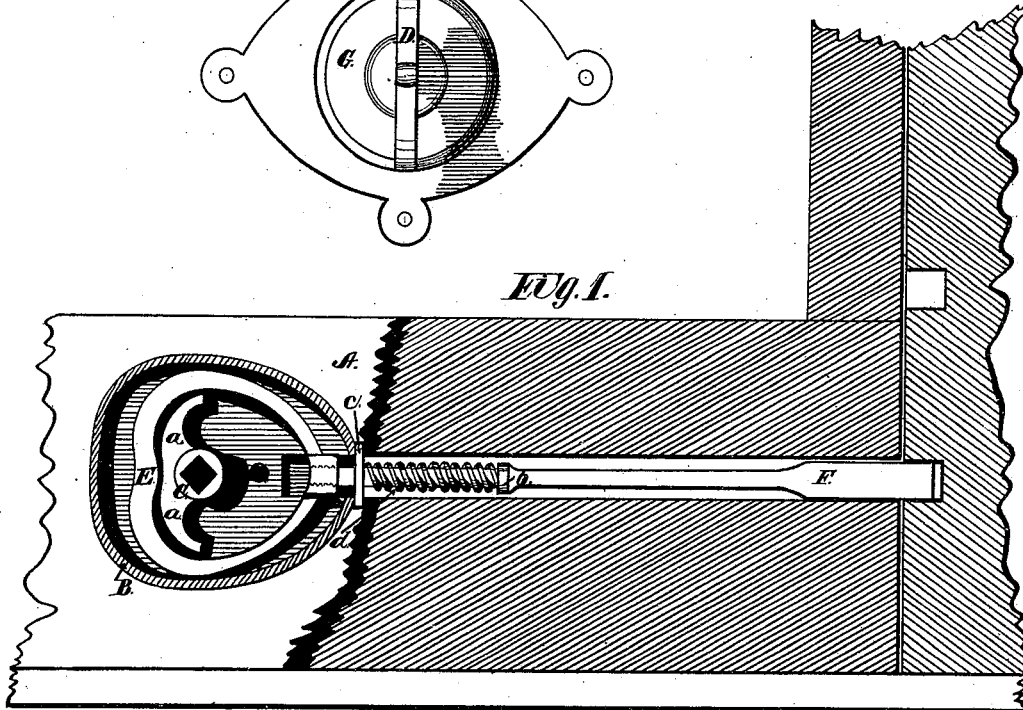
No. 197,401.

Patented Nov. 20, 1877.

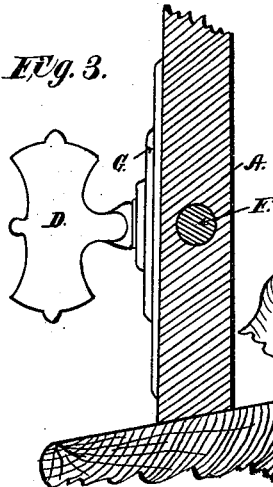
*Fig. 2.*



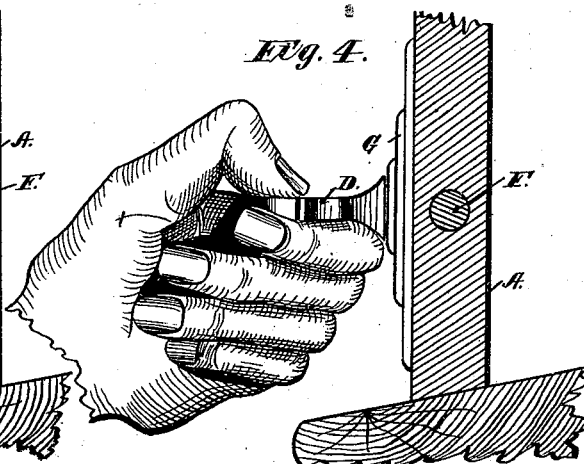
*Fig. 1.*



*Fig. 3.*



*Fig. 4.*



*Witnesses;*  
*Chas. M. Peck*  
*Wm. Ritchie*

*Inventor,*  
*Henry R. Parrott*  
*by his Atty;*  
*Peck & Co*

# UNITED STATES PATENT OFFICE.

HENRY R. PARROTT, OF DAYTON, OHIO.

## IMPROVEMENT IN SASH-FASTENERS.

Specification forming part of Letters Patent No. **197,401**, dated November 20, 1877; application filed August 17, 1877.

*To all whom it may concern:*

Be it known that I, HENRY R. PARROTT, of Dayton, in the county of Montgomery and State of Ohio, have invented certain new and useful Improvements in Window-Sash Supporters; and I do hereby declare the following to be a full, clear, and exact description of the same.

This invention relates to that class of window-sash supporters in which a centrally-located button operates a mortised bolt in the lower rail of the sash; and my improvements consist in the novel construction and arrangement of the button and of the operating devices, whereby both simplicity and durability are combined, all as will be hereinafter more fully set forth and claimed.

In the accompanying drawings, Figure 1 represents the corner of a window sash and frame, with a portion cut away to show the application of my improved sash-supporter. Fig. 2 is a front elevation of the escutcheon and knob or button. Fig. 3 is a side elevation of the same as applied to the lower rail of the sash. Fig. 4 represents, in side elevation, the position of the button in the act of raising the sash.

About the center of the front face of the lower rail A of the sash I form a recess or mortise to accommodate snugly the case or shell B, which may be of any suitable shape or construction. In this shell, and journaled in its two faces in the ordinary way, is a central hub, C, with a square socket, into which the shank of the knob or button D fits, and from the hub extend two segmental arms, *a*, with cam-faces, as represented. Encompassing the hub and arms *a* is a heart-shaped collar, E, of the shape shown.

F represents the bolt confined in a mortise cut from the edge of the sash into the recess occupied by the case B. This bolt is of the shape shown, and has upon it an enlarged portion, *b*, that forms a shoulder for one end of an encompassing spiral spring, *d*, whose opposite side abuts against the edge of the case or against the separate flat piece of metal *c*, mortised into the rail, as indicated in Fig. 1. The inner end of the bolt passes through the piece *c* and the edge of the case B, and is screwed or otherwise fastened in the head of the collar E. As indicated in Fig. 1, this head rests in a slot in the bottom of the case, though such arrangement is immaterial. The bolt is held thrust into its seat in the frame by the spring

*d*, and it is drawn, when desired to raise the sash, by turning the button D either to the right or left.

The escutcheon G, Fig. 1, forms an ornamental cover for the case B, and serves as a bearing for the shank of the button.

It is to be noted that when the sash is locked the button stands in a vertical position, as indicated in Figs. 2 and 3; and to draw the bolt it is only necessary to turn the button either way until it lies horizontally, as in Fig. 4, when either one of the arms *a*, acting against the collar, will withdraw the bolt. In this last position the button forms a very convenient device for raising the window-sash.

This novel construction and arrangement is particularly useful on car-windows, and enables a person to unbolt and raise a window with one hand and at the same operation.

The shape of the end of the bolt is immaterial, as also the construction of the device in the frame for supporting it.

I am aware that it is not new to operate a locking-bolt, such as herein shown, for window-sashes, by a button centrally located upon the lower rail of the sash; and consequently I make no claim to the principle involved.

What I claim as new, and desire to secure by Letters Patent, is as follows:

1. In a lock for window-sashes, the collar E, to which is connected the bolt F, operated by the hub C and radial arms *a*, whereby, upon turning the button D in either direction, the bolt is withdrawn, substantially as set forth.

2. The arrangement of the button D, in combination with the rail of a window-sash, whereby, when turned either way to withdraw the bolt, it forms a flat bearing for raising the sash, substantially as shown.

3. The herein-described device for locking and elevating a window-sash, consisting of the case B, bolt F, with its spring *d*, collar E, hub C, with its curved arms *a*, escutcheon G, and button D, the whole being constructed and applied in the manner and for the purpose specified.

Witness my hand this 13th day of August, A. D. 1877.

HENRY R. PARROTT.

Witnesses:

D. M. ZELLER,  
WM. RITCHIE.