R. R. CALKINS.

Sash-Holder.

No. 163,635. Patented May 25, 1875.

Fig. 1.

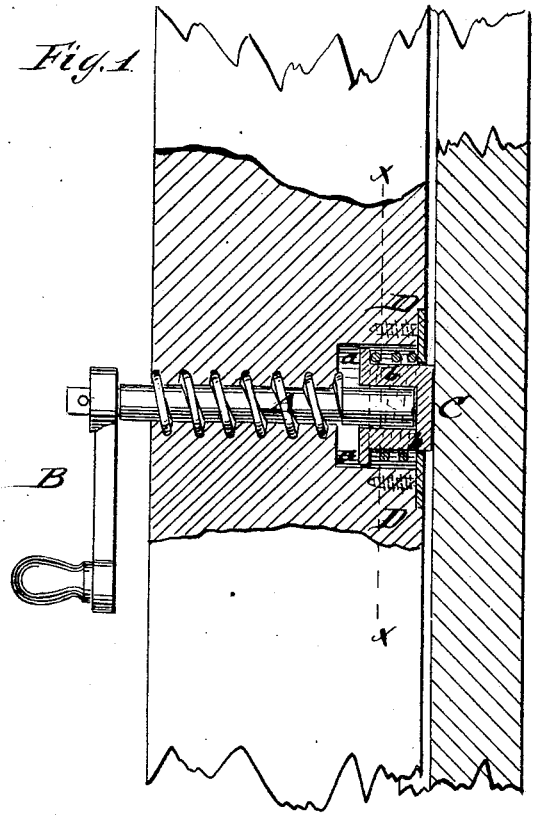
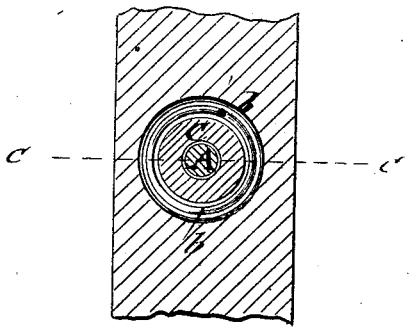


Fig. 2.



WITNESSES:

E. Wolff

A. F. Terry

INVENTOR:

R. R. Calkins

BY Munn & Co

ATTORNEYS.

THE GRAPHIC CO. PHOTO-LITH. 39 & 41 PARK PLACE, N. Y.

UNITED STATES PATENT OFFICE.

RIPLEY R. CALKINS, OF ST. JOSEPH, MISSOURI.

IMPROVEMENT IN SASH-HOLDERS.

Specification forming part of Letters Patent No. **163,635**, dated May 25, 1875; application filed April 3, 1875.

To all whom it may concern:

Be it known that I, RIPLEY R. CALKINS, of St. Joseph, in the county of Buchanan and State of Missouri, have invented a new and Improved Sash-Fastener, of which the following is a specification:

In the accompanying drawing, Figure 1 represents a vertical longitudinal section through sash and fastener, on line *c c*, Fig. 2, showing its application to the window-casing; and Fig. 2 is a vertical transverse section of the fastener on line *x x*, Fig. 1.

Similar letters of reference indicate corresponding parts.

My invention relates to an improved sash-fastener that is simple in construction, instantly applied to hold the sash at any position and prevent rattling, and retaining it in such a manner that no wedging or cutting into the window-casing or dropping out on removing the sash is possible.

The invention consists of a screw-bolt with crank or thumb-piece passing through the sash, and acting on a flanged and spring-acted clamping-socket that is guided in a recess of the sash and a face-ring of the same.

In the drawing, A represents a screw-bolt that passes through the sash, being turned by a crank-handle or thumb-piece, B, in either direction. The end of the screw-bolt A is seated in a clamping socket or cap, C, that is placed in a corresponding recess of the sash, and is guided therein by means of an outer ring-shaped face-plate, D, attached to the sash, and by an inner flange or shoulder, *a*, of the socket—an intermediate spiral spring, *b*, being placed between flange and face-plate, to carry the fastening-socket back as soon as the screw-bolt B is released therefrom. The turning of the screw-bolt in one direction carries the socket forward to project beyond the sash and bind firmly against the window-casing, retaining the sash at any height, while the turning of the bolt in opposite direction releases the fastening-socket. The spiral spring of the socket secures the sliding back of the same without grooving or cutting the casing or interrupting the motion of the sash by wedging against the casing, while the face-ring retains the socket, when the sash is taken off, without danger of dropping the same. The action of the fastener is quick and reliable, and binds the sash, without rattling, in secure manner to the window-casing.

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

The combination, with sash, of the crank screw-bolt A, socket C, having shoulder *a*, ring-shaped face-plate D, and spring *b*, all constructed and arranged substantially as and for the purposes specified.

RIPLEY R. CALKINS.

Witnesses:

JAS. H. RICE,

W. W. MCFARLAND.