No. 783,119. PATENTED FEB. 21, 1905.

E. A. HORNBOSTEL, Jr.

WINDOW SUPPORT AND LOCK.

APPLICATION FILED MAY 9, 1904.

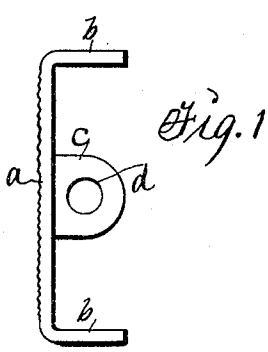


Fig. 1

Fig. 2

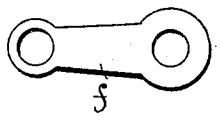


Fig. 6

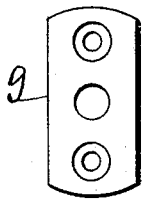


Fig. 3

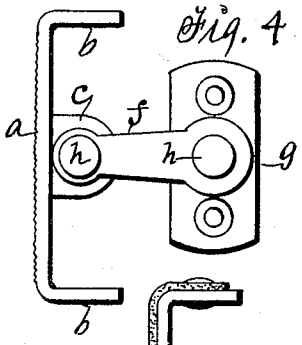
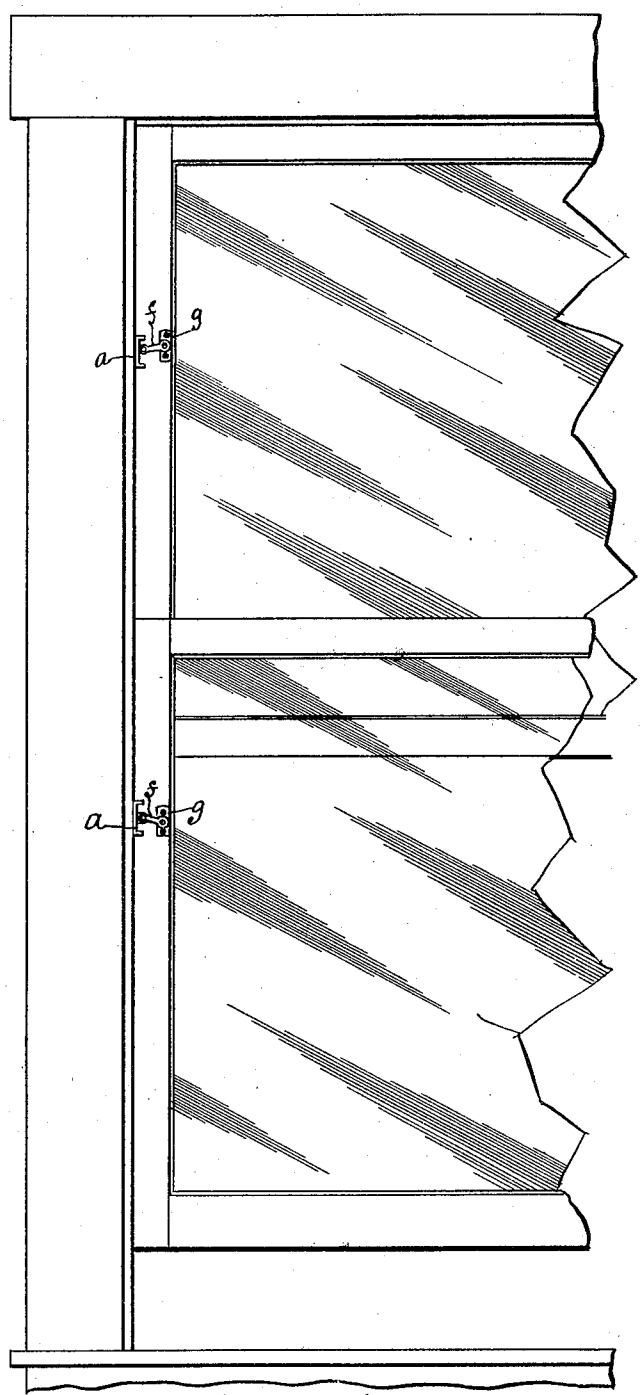


Fig. 4

Fig. 5



Witnesses:
L. L. Leibrock
R. H. Orwig.

Inventor: Ernest A. Hornbostel, Jr.
By Thomas G. Orwig, Attorney.

No. 783,119. Patented February 21, 1905.

UNITED STATES PATENT OFFICE.

ERNEST A. HORNBOSTEL, JR., OF DES MOINES, IOWA, ASSIGNOR OF ONE-HALF TO THOMAS G. ORWIG, OF DES MOINES, IOWA.

WINDOW SUPPORT AND LOCK.

SPECIFICATION forming part of Letters Patent No. 783,119, dated February 21, 1905.

Application filed May 9, 1904. Serial No. 207,180.

To all whom it may concern:

Be it known that I, ERNEST A. HORNBOSTEL, Jr., a citizen of the United States, residing at Des Moines, in the county of Polk and State of Iowa, have invented a new and useful Window Support and Lock, of which the following is a specification.

My object is to provide a simple, strong, and durable device that can be readily applied to a window-sash, by means of two screws to support the window at any elevation desired and also to lock it securely when in a closed position.

My invention consists in the construction, combination, application, and operation of three parts, as hereinafter set forth, pointed out in my claims, and illustrated in the accompaying drawings, in which—

Figure 1 is a side view of a metal clamp adapted to engage a window-casing. Fig. 2 shows a link adapted for pivotally connecting the clamp with a plate adapted to be fixed to a window-sash. Fig. 3 shows the flat plate. Fig. 4 shows the three parts pivotally connected. Fig. 5 is a modification of Fig. 1 and shows a rubber covering or cushion on the clamp. Fig. 6 is a face view of parts of two sliding windows in a window-frame and shows my invention applied to the sashes as required for practical use.

The letter *a* designates a flat metal plate, about two and a half inches long and a half inch wide, bent at right angles at its ends to produce lateral projections *b*. It is obvious it may vary in size and weight. At its center and at one edge it has an integral right-angled projection *c*, provided with an aperture *d* for pivotally connecting a link therewith.

A link *f*, made of flat metal by means of a die, is about an inch and one-eighth long, preferably wider at one end than the other, and provided with rivet-holes in its ends.

A flat plate *g*, that may vary in length and width, is provided with three rivet-holes.

To pivotally connect the three parts, one end of the link is secured to the projection *d* of the clamp *a* and the other end to the plate *g* by means of rivets *h*, as shown in Fig. 4.

When the device is applied to a sash by fixing the plate *g* against the face of the side part of the sash by means of screws in such a manner that the link *f* and clamp *a* can be adjusted to incline the link upward, as shown on the lower sash, it will lock the window as required to prevent it from being moved upward and to lock it when in a closed position, but will not prevent the window from being pulled down when the window is in an elevated position. By turning the clamp *a* and link *f* upward their positions can be reversed, so that the link will incline downward, as shown, on the upper sash and as required to lock the sash, so it cannot be moved downward.

It is obvious the lower sash may be retained in an elevated position and the upper sash in a lowered position for purposes of ventilation and the lower sash locked so it cannot be raised higher to admit a burglar and the upper sash locked so it cannot be lowered farther for a person to gain access.

Having thus set forth the construction, application, and operation of my invention, its practical utility will be obvious, and what I claim as new, and desire to secure by Letters Patent, is—

1. A clamp for a window-lock, consisting of a plate having a right-angled extension at one of its edges and center provided with an aperture for pivoting a link thereto as shown and described for the purposes stated.

2. A clamp for a window-lock consisting of a flat plate bent at right angles at its end portions and having a right-angled extension at the center of one of its edges provided with a rivet-hole and a link pivoted to said extension and means for pivotally connecting the link with a window-sash for the purposes stated.

3. A window support and lock comprising

a clamp consisting of a flat plate bent laterally at its ends and having a right-angled projection at the center of one of its edges provided with a rivet-hole, a link pivotally connected with said right-angled projection and a flat plate adapted to be fixed to the face of a window-sash pivotally connected with the end of the link to operate in the manner set forth for the purposes stated.

ERNEST A. HORNBOSTEL, JR.

Witnesses:
L. L. LEIBROCK,
THOMAS G. ORWIG.