I. Glynn,

Sash Fastener.

No. 5,976. Patented Dec. 19, 1848.

Fig. 6

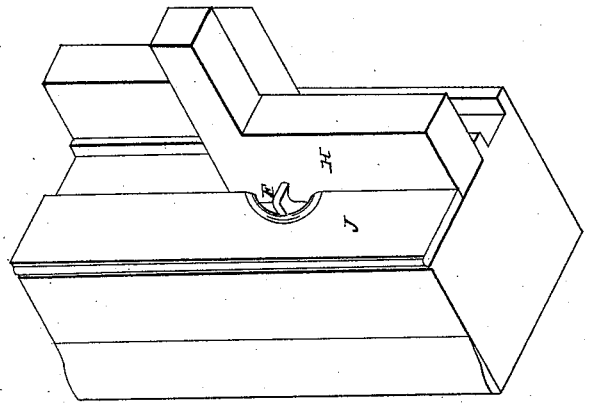


Fig. 5

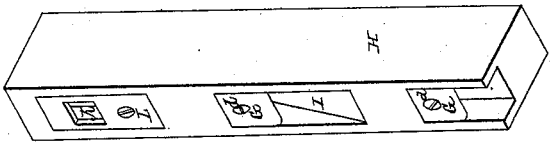


Fig. 3

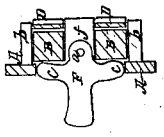


Fig. 4

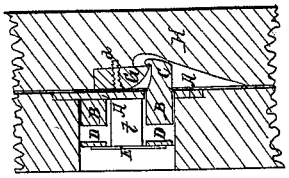


Fig. 1

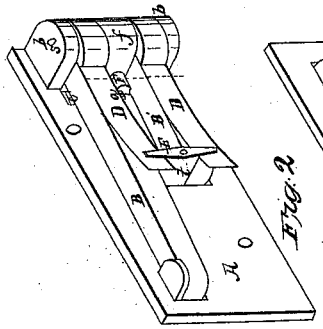
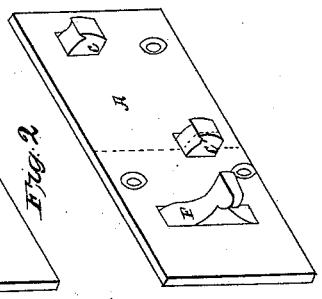


Fig. 2



UNITED STATES PATENT OFFICE.

IRA GLYNN, OF SYRACUSE, NEW YORK.

SASH BEARER AND FASTENER.

Specification of Letters Patent No. 5,976, dated December 19, 1848.

To all whom it may concern:

Be it known that I, IRA GLYNN, of Syracuse, in the county of Onandaga and State of New York, have invented a new and Improved Window Catch and Fastener; and I do hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawings, making a part of this specification, in which—

Figures 1, and 2, are perspective views, and Fig. 3, a transverse section of my window fastener detached. Fig. 4, is a transverse section through the same, (in the line *x*—*x*, of Fig. 2,) and through a portion of the window sash and casing with which it is connected. Fig. 5, is a perspective view of the side of a window sash frame, and Fig. 6, is a perspective sectional view of the central portions of one side of a window casing, and of the upper and lower sash frames placed therein.

Similar letters indicate like parts in all the figures.

A, is an oblong metallic plate to which the operating parts of my improved window fastener are connected in the following manner:—to the rear side of A, there is connected, by means of the ears *b*, *b*, *f*, and the joint pin *s*,—the long and short levers B, and B′,—as represented in Fig. 1; the long lever B, extends nearly the entire length of the plate, and the short lever B′, about one-half the length thereof. The extremities of the levers B, B′, are bent at right angles, and pass through apertures in the plate, (A,) forming catches C, C′, projecting from the face thereof.

The extremities of the levers B, B′, are pressed forward through the apertures in the plate, by the springs D, D, as represented in Fig. 1.

The levers B, B′, are operated and the catches C, C′, at their extremities drawn back through the apertures in the plate, by means of the thumb lever F, and its arms *c*, *c*, as represented in Fig. 3; the lever F, is secured by a fulcrum pin *a*, to the inner side of the central ear *f*; the arms *c*, *c*, projecting from each side of F, work freely in a transverse aperture in the plate, and the handle of the thumb lever projects a short distance from the face of the plate,—as shown in Fig. 2.

By forcing downward the handle of the thumb lever F, its lower arm *c*, will strike against and vibrate the short lever B′, and draw back the catch C′, at its extremity; and by forcing upward the handle, F, its upper arm will press against and vibrate the long lever B, and draw back the catch C, at its extremity.

I secure the plate A, to the central portion of the side of the window casing, at the junction of the upper and lower sash frames; mortises are cut into one of the sides H, of the sash frames for the reception of the catches C, C′, and of the form represented in Fig. 5. The upper mortise K, in the side of the lower sash frame and the lower mortise in the side of the upper sash frame, are of a round or rectangular form to suit the form of the catches C, C′,—and are each faced with a metallic plate L; the catch C′, fits into the mortise K, in the lower sash frame, and confines the same when the frame is down; the catch C, fits into the lower mortise in the upper sash frame, corresponding with K, in form, and confines the same when it is in its most elevated position. The upper edge of the aperture in the face plate L, projects over the upper end of the mortise K, a short distance, forming a recess for the reception of the lip rising from the extremity of each of the catches C, C′,—as shown in Fig. 4. A series of mortises having inclined bottoms I, and face plates G, G, placed over their upper ends, are formed in the sides of the sash frames, for the catches C, C′, to take into and retain the upper and lower frame in any desired position.

A recess is cut out of the inner edge of the strip J, (Fig. 6,) which retains the lower sash frame in place, for the thumb lever F, to work in. When the sash frames are closed, the lips rising from the catches C, C′, and passing up under the face plates L, will retain the thumb lever F, firmly in its position, rendering it impossible to move the lever without first slightly elevating the sash frame, which it is desired to raise or lower;—thus forming a secure and secret fastening to the window, from the inside, to persons not familiar with the arrangement of the apparatus.

What I claim as my invention and desire to secure by Letters Patent, is—

The fastening window sash frames when closed, and retaining them in different positions when open, by means of the long and

short levers B, B′,—with the catches C, C′, at their extremities, the springs D, D, and the thumb lever F,—combined and arranged with each other and with the mortises in the sides of the sash frames, in such a manner that the thumb lever F, cannot be moved to disengage the fastening apparatus without first slightly elevating the sash frames, substantially as herein described and represented.

IRA GLYNN.

Witnesses:
DANIEL ELLIOTT,
ELISHA NICHOLS.