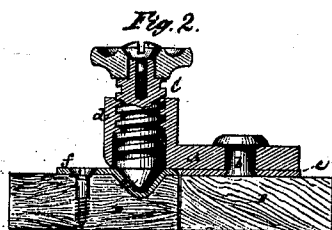
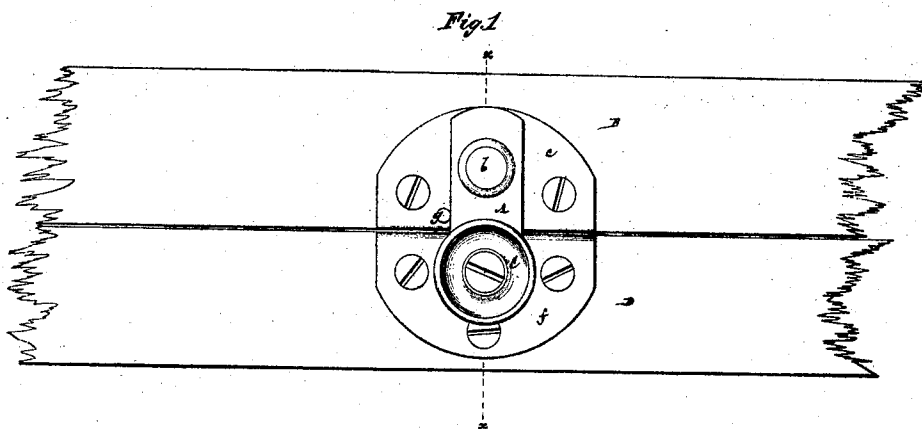


N. Thompson,
Window Button.

No. 113,467.

Patented Apr. 4, 1871.



Witnesses.
Ed. H. Brown.
Nichl. Ryan

N. Thompson

United States Patent Office.

NATHAN THOMPSON, OF BROOKLYN, NEW YORK.

Letters Patent No. 113,467, dated April 4, 1871.

IMPROVEMENT IN FASTENINGS FOR MEETING-RAILS OF SASHES.

The Schedule referred to in these Letters Patent and making part of the same.

To all to whom it may concern:

Be it known that I, NATHAN THOMPSON, of Brooklyn, in the county of Kings and State of New York, have invented a new and useful Sash-Fastener, of which the following is a full, clear, and exact description, reference being had to the accompanying drawing forming a part of this specification, and in which—

Figure 1 represents a plan of my improved fastener as applied to the meeting rails of an upper and lower window-sash; and

Figure 2, a sectional view of the same taken as indicated by the line *x x* in fig. 1.

Similar letters of reference indicate corresponding parts in both figures.

My invention consists in a combined screw-and-button fastening, mainly designed for the meeting-rails of window-sashes, in which a button pivoted to a plate on the one sash is formed at or near a swinging extremity of it, with a screw-nut or projection through which a thumb-screw is fitted, for the purpose of locking the button when turned to fasten the sashes, said screw then being made to enter, in a centering manner, a recess in a plate secured to the opposite sash, and whereby the sashes are held from rattle or shake and securely locked against being opened by the introduction of a knife or like instrument between the meeting-rails from the outside. This button moves at right angles to the plane of motion of the sash.

In the accompanying drawing—

A represents the button, pivoted, as at *b*, to a plate, *c*, which is secured to the meeting rail of an upper sash, B.

This button is provided, at or near its fastening end, with a screw-nut or box, *d*, which may be formed by an upward projection, and through which a finger-screw, C, arranged to swing with the button, is fitted, said screw preferably being constructed so that it cannot be detached from the button.

The screw C is of tapering form at its lower end,

so that when the button A is turned to fasten the sashes and the screw C turned to screw its way down through the nut portion *d* of the button the tapering lower end of the screw is made to enter a correspondingly-shaped recess, *e*, in a plate, *f*, secured to the lower sash D or meeting-rail thereof, whereby the sashes are not only locked, but centered, as it were, and held from rattle or shake in various directions.

An equivalent construction would be to make the lower end of the screw the female center, and a conical or tapering projection on the plate *f* the male center.

To open the sash or sashes it is only necessary to unscrew the screw C from lock with the plate *f* and then to suitably turn the button, using the screw C as a handle.

The button A has its range of action restricted by a stop, *g*, arranged so that when the button is turned to fasten the sashes its screw C is necessarily brought in line with or over the recess *e* in the plate *f*, and so that, when said button is turned to unfasten the sashes, it is automatically stopped in a position which will not interfere with the working of the sashes the one past the other.

A sash-fastener thus constructed is at once neat, cheap, durable, and secure.

Under a changed condition of the meeting-rails or parts to which the fastener is applied, then the relative position of the latter, or its several parts, will be changed accordingly, and the same be arranged to have either a right or left-hand action when closing.

What is here claimed, and desired to be secured by Letters Patent, is—

The combination of the tapering-pointed screw C with the button A moving at right angles to the plane in which the sash is moved, and tapering recess *e* in the adjacent plate or surface *f*, substantially as specified.

Witnesses:

NATHAN THOMPSON.

FRED. HAYNES,

R. E. RABEAU.