Snyder & Hubbard,

Window Button.

No. 103,938. Patented June 7. 1870.

Fig. 1

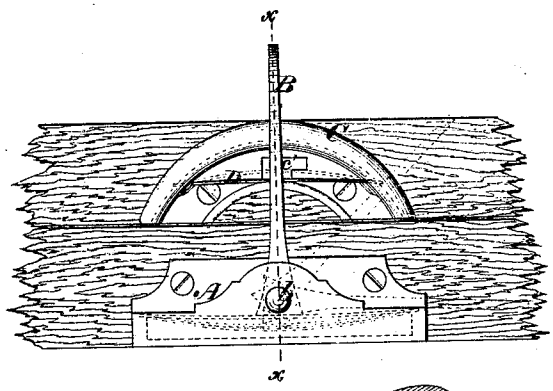


Fig. 2

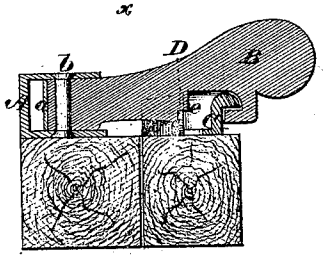
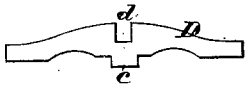


Fig. 3



Witnesses:

Joe S. Keyton,

Battis De Long.

Inventors:

Wm. B. Snyder } by their Attorney
R. Hubbard } Wm. D. Baldwin

N. PETERS, PHOTO-LITHOGRAPHER, WASHINGTON, D. C.

United States Patent Office.

WILLIAM B. SNYDER AND ROBERT HUBBARD, OF BRIDGEPORT, CONNECTICUT.

Letters Patent No. 103,938, *dated June* 7, 1870.

IMPROVEMENT IN SASH-FASTENING.

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

To all whom it may concern:

Be it known that we, WILLIAM B. SNYDER and ROBERT HUBBARD, both of Bridgeport, in the county of Fairfield and State of Connecticut, have invented a new and useful Improvement in Sash-Fastenings, of which the following is a specification.

Our invention relates to that class of sash-fastenings in which a horizontally-swinging latch, secured to the lower bar of the upper sash, engages with a segment rim or flanged plate on the upper bar of the lower sash; and

The improvement herein claimed consists in the combination of the swinging latch and the segment-shaped catch with the peculiar spring, hereinafter described, to hold the latch in its locked position.

In the accompanying drawing—

Figure 1 represents a plan or top view of our improved fastener;

Figure 2, a vertical transverse section through the same, at the line *x x* of fig. 1; and

Figure 3, a view of the spring catch detached.

In order to carry out our invention, we secure a box, A, to one sash of the window.

The latch B swings horizontally on a pivot, *b*, in the box.

The rear ends of the latch are square, and bear against a spring, *a*, in the box, to hold the latch in any position in which it may be set. These parts of the device are old.

A segment rib or flanged catch-plate, C, of the usual form, is secured to the other sash.

A plate-spring, D, extends across the curve of this plate, and is securely held by being sprung into sockets in the plate.

A rib, *c*, on the lower side of the spring, plays in a guide, *c'*, in the plate, which keeps the spring from moving endwise while allowing it to move laterally.

The spring, however, can be removed by bending it inward until the rib *c* enters the long part of the notch shown in fig. 1, when it can be moved endwise far enough to slip one end of the spring out of its socket.

A notch, *d*, in the upper side of the spring, receives a stud or projection, *e*, on the latch *b*, when locked, and thus holds it securely, preventing the latch from being unfastened until the spring is pressed out far enough for the latch to clear the notch.

We have described our improvement as a window-fastening, but it obviously is applicable to extension tables and other analogous uses.

We do not broadly claim the combination of any spring catch with a fastening of this kind.

We claim as our invention—

The construction and relative arrangement hereinbefore set forth, of the horizontally-swinging latch, the segment-shaped catch-plate, and the notched horizontally-moving plate-spring inserted vertically into the catch-plate, for the purpose described.

In testimony whereof we hereunto subscribed our names.

WILLIAM B. SNYDER.
ROBERT HUBBARD.

Witnesses:
H. R. LACEY,
F. HURD.