

G. F. Brown.

Window Bead Fastening.

No 93,960.

Patented Aug. 24, 1869.

Fig. 1.

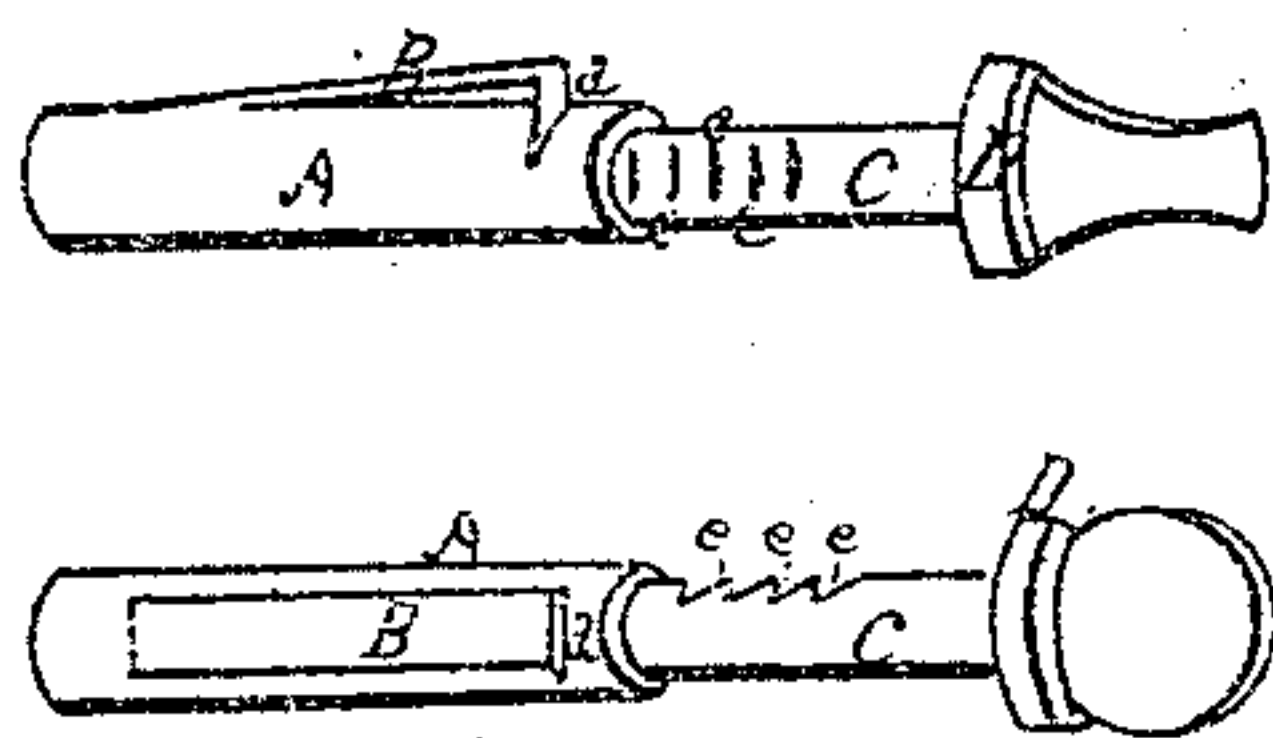
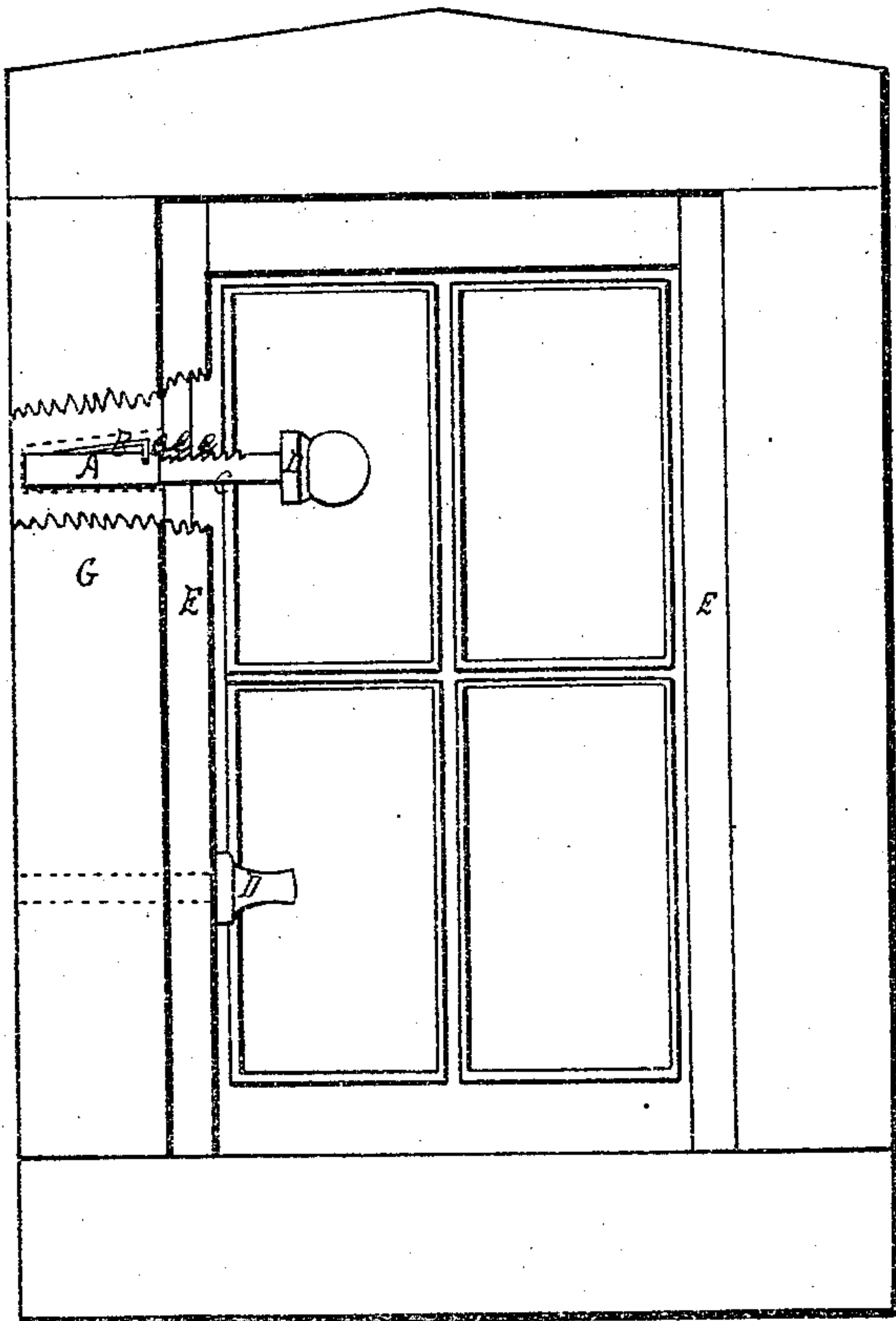


Fig. 2.

Witnesses.

J. F. Johnson  
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# United States Patent Office.

GEORGE F. BROWN, OF WINCHENDON, MASSACHUSETTS.

*Letters Patent No. 93,960, dated August 24, 1869.*

## IMPROVED WINDOW-BEAD 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 I, GEORGE F. BROWN, of Winchendon, in the county of Worcester, and State of Massachusetts, have invented a certain new and useful Improvement in a Clasp for Securing the Slip or inside Bead to Adjust and Hold Windows in their Casings; and the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 represents a window-frame sash and the inside casing, with a small section broken out to show the manner of inserting the tube, spring-catch, and notched thumb-bolt, to hold the inside bead in its place.

Figure 2 shows two detached views, side and edge, of the tube-socket, spring-catch, and thumb-bolt.

The object of my invention is to provide a new article of manufacture and use, for securing the inside bead to window-casings, also for cabinet and show-cases, so that they are more secure in their places, can be easily taken out for cleaning, glazing, painting, &c., and replaced, without requiring any instrument or damaging the paint or casing.

My invention consists in a bolt or pin, provided with a milled or thumb-screw head, and a series of notches in one side of the pin, into which a spring-catch, attached to a short tube or socket, will enter, the bead being secured by the pin passing through it into the tube, which is let into the window-frame by turning the pin so that the notches will receive the spring-catch.

To enable others to make and use my invention, I will describe it more in detail, referring to the drawings, and to the letters marked thereon.

I make the socket A of small-size brass tubing, cut to suitable length, one inch, more or less.

Near, and across one end I make a narrow opening, *a*, to admit the catch B through to the notches *e e e*, in the pin C, the spring-catch being made of hard-rolled brass, one end bent at a right angle, the other secured to the outside of the rear end of the tube A.

The bolt or pin C may be made of cast or wrought-metal, smooth, to fit nicely into the tube-socket A,

with a series of notches, *e e e*, made at a suitable distance from the shoulder of the head D, to accommodate the different thicknesses of bead-strips E, so that some one of the notches will be sure to take in the spring-catch B when the pin C is pushed into the shoulder, and turned so as to match.

The fixtures or fastenings are very easily fitted and put in. The process is simply to make round holes, the size of the pin, in the bead-strips where you want them. Place them, and mark for the tubes A on the frame G; then, with a bit of the right size, bore into the frame the depth of the length of the tube, and, with a narrow flat gouge or chisel, cut out, on the upper side of the hole, room for the spring-catch B to work in, and drive the tube in flush with the face of the frame, put the bead in place, push in the pins C, turn them till the catch takes hold of one of the notches, and all is complete.

To take out the sash, you have only to turn the pin one-fourth round, either way, and the bead-stick is loose to take off.

The utility of my invention, for a new article of building-hardware, will readily be seen; the cost is trifling; they can be fitted and put in nearly as quick as screws, and, when once in, they are permanent, and hold the bead and window firmly; and when a window is to be taken out for any purpose, it requires no tool or implement of any kind but the thumb and finger, no nails to be drawn, nor any danger of marring the paint or casing.

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

The tube or socket A, provided with a spring-catch B, in combination with the pin C, having a series of notches, *e e e*, and a thumb-screw head, D, all constructed to be applied and operate substantially in the manner herein described, for the purposes set forth.

In testimony whereof, I hereunto subscribe my name, in the presence of—

GEO. F. BROWN.

Witnesses:

GILES H. WHITNEY,  
O. HANCOCK.