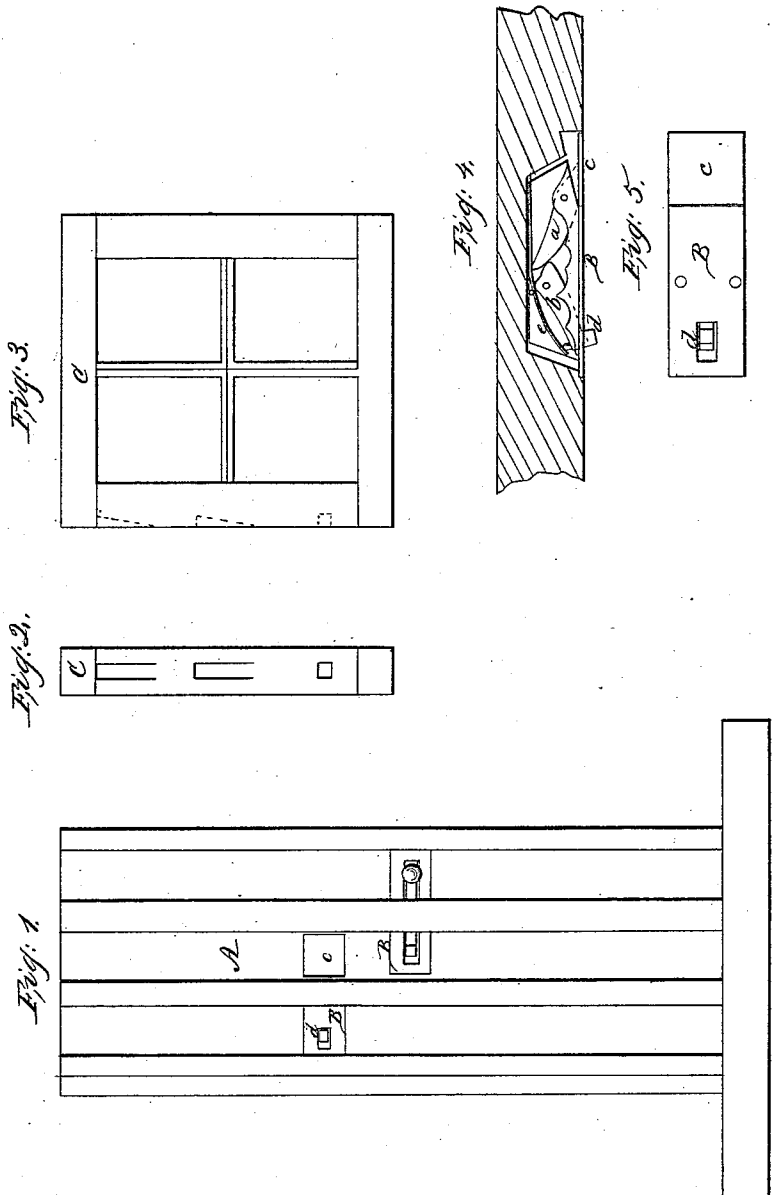


B. Britten,
Sash Fastener.

N^o 61,801.

Patented Feb. 5, 1867.



Witnesses:
W. A. Jackson
J. L. Service

Inventor:
Benn Britten
per Wm. L. ...
Attorney

United States Patent Office.

BENJAMIN BRITTEN, OF GALENA, ILLINOIS.

Letters Patent No. 61,801, dated February 5, 1867.

IMPROVED WINDOW-SASH SUPPORTER.

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, BENJAMIN BRITTEN, of Galena, in the county of Jo Daviess, and State of Illinois, have invented a new and improved Window-Sash Supporter; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a view of the inside of a window frame, showing the supporters attached for both the upper and lower sashes.

Figure 2 is an edge view of the sash.

Figure 3 is a front view of the same.

Figure 4 is a view of the interior of the sash supporter.

Figure 5 is a face or outside view of the same.

Similar letters of reference indicate like parts.

This invention relates to an improved device for supporting window sashes in the frame, and consists in a combination of two levers with a spring, attached to a metal case which is let into the window frame horizontally, one supporter for each sash. The supporter for the upper sash has its thumb-piece for depressing the catch within the seat of the lower sash, lying flat and flush with the frame, so that it presents no obstacle to the movement of the sash up and down. A very slight pressure upon the flat thumb-piece releases the catch and permits the sash to be lowered, while a spring holds the catch in place in notches on the edge of the sash C to keep it up.

In fig. 1, A represents one side of a window frame, having the supporters B fastened with screws to it for both the upper and lower sashes. The supporter has a rectangular metal case or frame, which may be open at the ends and bottom, and is let into a suitable cavity in the wood of the frame, as shown in fig. 4, the upper side being flush with the surface. Within the case of the supporter are pivoted to the sides two levers, *a b*. The thumb-piece *c* is placed on the end of the short arm of the lever *a*; and the catch *d*, which projects through the upper side of the case, is on the end of the long arm of the lever *b*. The levers are so arranged that when the thumb-piece *c* is depressed, the long arm of the lever *a* lifts the short arm of the lever *b*, and throws the catch *d* back in the case to release the window sash. By this arrangement the catch moves four times as far as the thumb-piece, which, therefore, requires a very slight pressure to operate the supporter. The catch *d* is thrown out by a spring, *e*, which may be made either flat, as represented, or spiral, to keep the sash up. The flat thumb-piece *c* not only allows the sash to move freely over it, but it is much neater than a button or knob, commonly used for the purpose, as shown for comparison. It may be painted over with the wood-work so as hardly to be seen, and is entirely out of the way.

Having described my invention, I claim as new, and desire to secure by Letters Patent—

The arrangement of the compound levers *a b*, combined with the flat thumb-piece *c* and the spring *e*, when applied to a sash supporter in the manner herein described.

BENJAMIN BRITTEN,

Witnesses:

JOSEPH H. BARRY,

CHAS. D. GREY.