J. R. Smith,

Sash Holder.

No. 64,160. Patented Apr. 23, 1867.

Fig. 2.

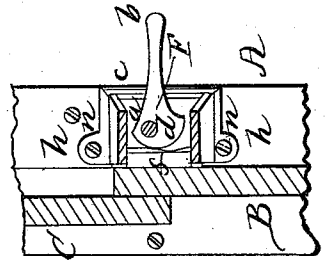
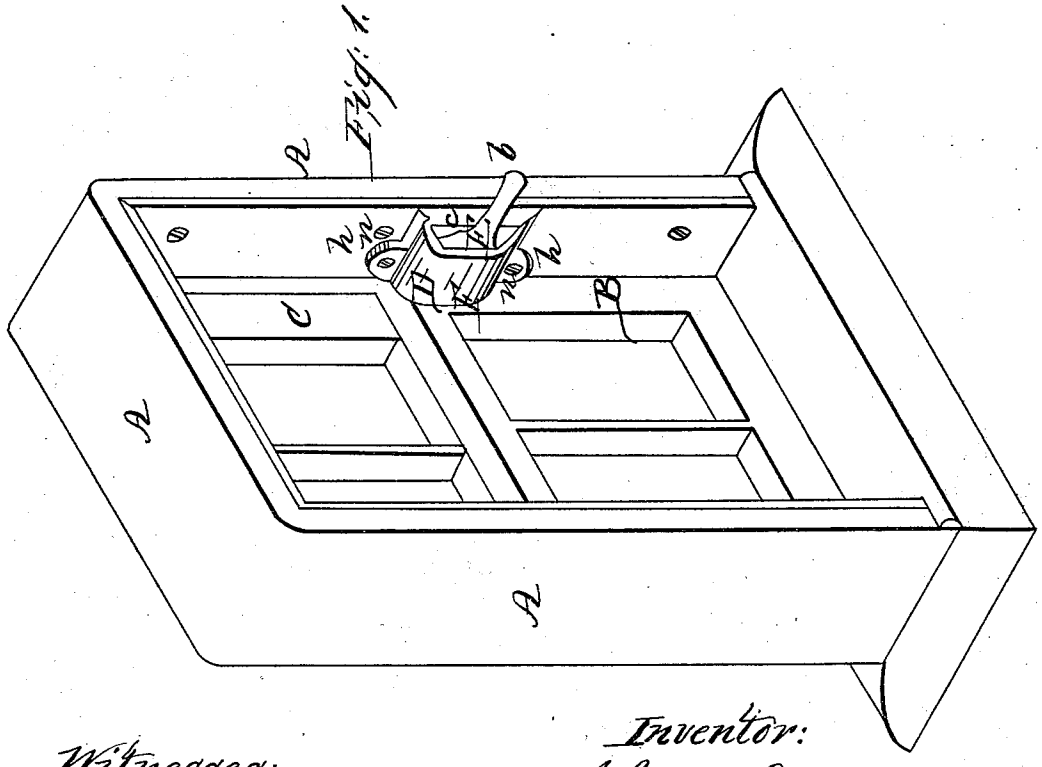


Fig. 1.



Witnesses:

Geo. H. Miller

D. L. Miller

Inventor:

John R. Smith

By his Atty Lloyd G. Dodge

AN. PHOTO-LITHO. CO. N.Y. (OSBORNE'S PROCESS.)

United States Patent Office.

JOHN R. SMITH, OF SALEM, ASSIGNOR TO HIMSELF AND A. S. HODGES, OF SOUTHBOROUGH, MASSACHUSETTS.

Letters Patent No. 64,160, *dated April* 23, 1867.

IMPROVED SASH-FASTENER.

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

KNOW ALL MEN BY THESE PRESENTS:

That I, JOHN R. SMITH, of Salem, in the county of Essex, and Commonwealth of Massachusetts, have invented certain new and useful improvements in Sash-Fasteners; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming a part of this specification, in which—

Figure 1 represents a perspective view of a window-frame, with my improved fastener applied to hold the lower sash in any desirable position.

Figure 2 represents a section of the frame, sash, and the fastener, to illustrate the operation more fully.

In the drawings, the part marked A represents the window-frame; B, the lower sash; and C, the upper sash. These parts are all made in the ordinary manner. The part D is cast hollow, and forms the frame or shell part of the device. Within the shell part D is hinged or pivoted at *a* the cam-lever E. The small end *b* of said lever projects through the slot or opening *c* in a convenient position to be operated by the person in the room. The cam part *d* of the lever E is so made that, when the end *b* of lever E is depressed, it will be forced against the metal plate *e* upon the wooden block *f*, which latter is forced against sash B with such force as to bind and hold it securely in place. When the sash is fastened as above described all attempts to raise the sash only cause the cam part *d* to press still harder against the block *f*, and consequently binds and holds the sash B more firmly in its fixed position. By simply lifting the end *b* of lever E the sash can be easily raised to any desired position, and then held there by simply depressing the end *b* of lever E, to cause the cam part *d* to press against block *f*. The use of a wooden block, *f*, in the position shown prevents marring or jamming of the sash, while the metal facing or plate *e* prevents the cam *d* from wearing into the block *f*. The pivot *a* of lever E is cast with the back of shell D, a space being left between the front or face plate F and the point of the pivot *a*, so that the lever E can be slipped on the pivot before the block *f* is put in place. The parts cannot get out of place after being arranged, as shown in the drawings. By casting the pivot *a* upon the inner surface of the back of shell D much expense is saved in fitting up the fastener. Ears *h h* are cast upon the shell D, through which screws *n n* pass to fasten the device to the frame A. My improved window-fastener is not only simple, but very effective,; and, besides, it is not liable to get out of order.

Having described my improved window-fastener, what I claim as new, and desire to secure by Letters Patent, is—

1. The combination, with the shell D, cast as described, of the cam-lever E and metal-faced block *f*, substantially as and for the purposes set forth.

2. The combination, with the shell D, of the pivot *a*, cast upon the inside of the back of shell D, for the purposes stated.

JOHN R. SMITH.

Witnesses:

C. SEWALL,

DAVID N. REED.