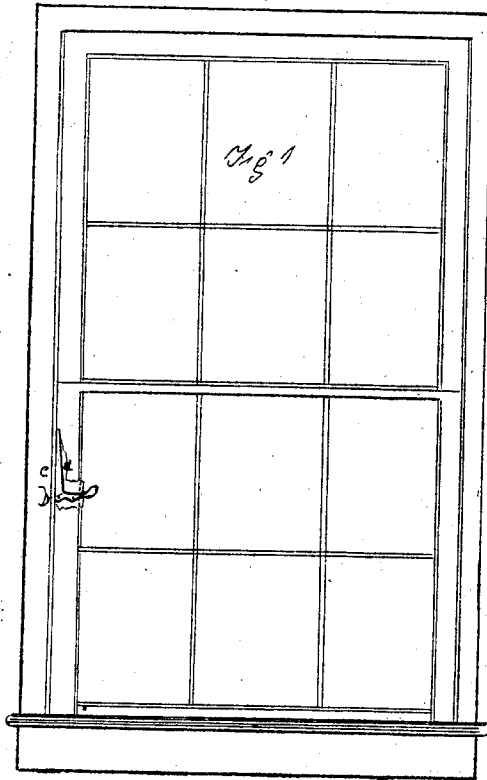
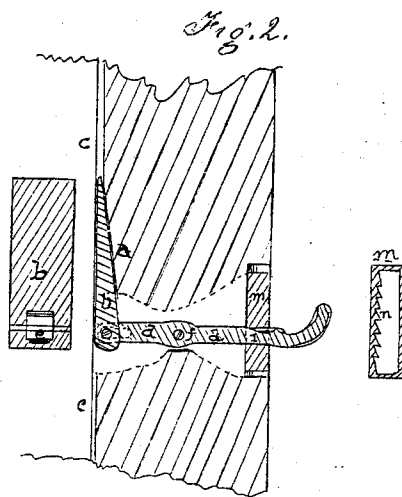


*J. W. Simpson's Improved*  
Window Catch PATENTED  
DEC 10 1867

72096



*J. W. Simpson.*



*Wm M Gooding*  
*Sidney U Edwards* } Witness

*Jerome W. Simpson*

# United States Patent Office.

JEROME W. SIMPSON, OF NEWARK, NEW JERSEY.

Letters Patent No. 72,096, dated December 10, 1867.

## IMPROVEMENT IN 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, J. W. SIMPSON, of the city of Newark, in the county of Essex, and State of New Jersey, have invented an Improved Catch for Window-Sash; and I do hereby declare the following to be a full and exact description of the same, reference being herein had to the drawings that accompany this specification as part of the same.

The nature of my improvement consists in the employment of a lever and wedge to hold the sash; also in having a ratch to retain the lever in its place.

In Figure 1 is seen the catch in the window-sash.

In Figure 2, the various parts of the catch.

In the stile of the sash, an incline, *a*, is cut to receive the wedge *b*, the face of the wedge being on a line with the side *c* of the window-frame. A lever-handle, *d*, has a slotted hole at the end that passes through the wedge *b*, through which slot and wedge a pin is put to connect the wedge and lever. The end of the lever fits in the hole *e*, which is rounded above and below the lever to allow a free action without lost motion. The lever has a pin-fulcrum, *f*, in the stile of the sash. Upon the side of the hand-end of the lever *a* is a catch, *i*, corresponding to the ratch *n*, on one side of the socket *m*, the socket being inserted in the edge of the stile in a mortise made through the stile to receive the lever *d*, the ratch and catch being for the purpose of securing the wedge when tight.

It will be seen that in forcing the wedge between the sash-stile and the window-frame, the sash can be kept at any desired height.

What I claim, and desire to secure, is—

The lever *d* and wedge *b*, constructed, combined, and operated substantially in the manner and for the purpose hereinabove set forth.

Also the socket *m*, with its ratch *n*, and the catch *i* on the lever *d*, in combination with the lever and wedge, in the manner and for the purpose specified.

J. W. SIMPSON.

Witnesses:

W. M. GOODING,

SIDNEY U. EDWARDS.