

W. J. WAY.
Sash-Holder.

No. 201,315.

Patented March 12, 1878.

Fig. 1.

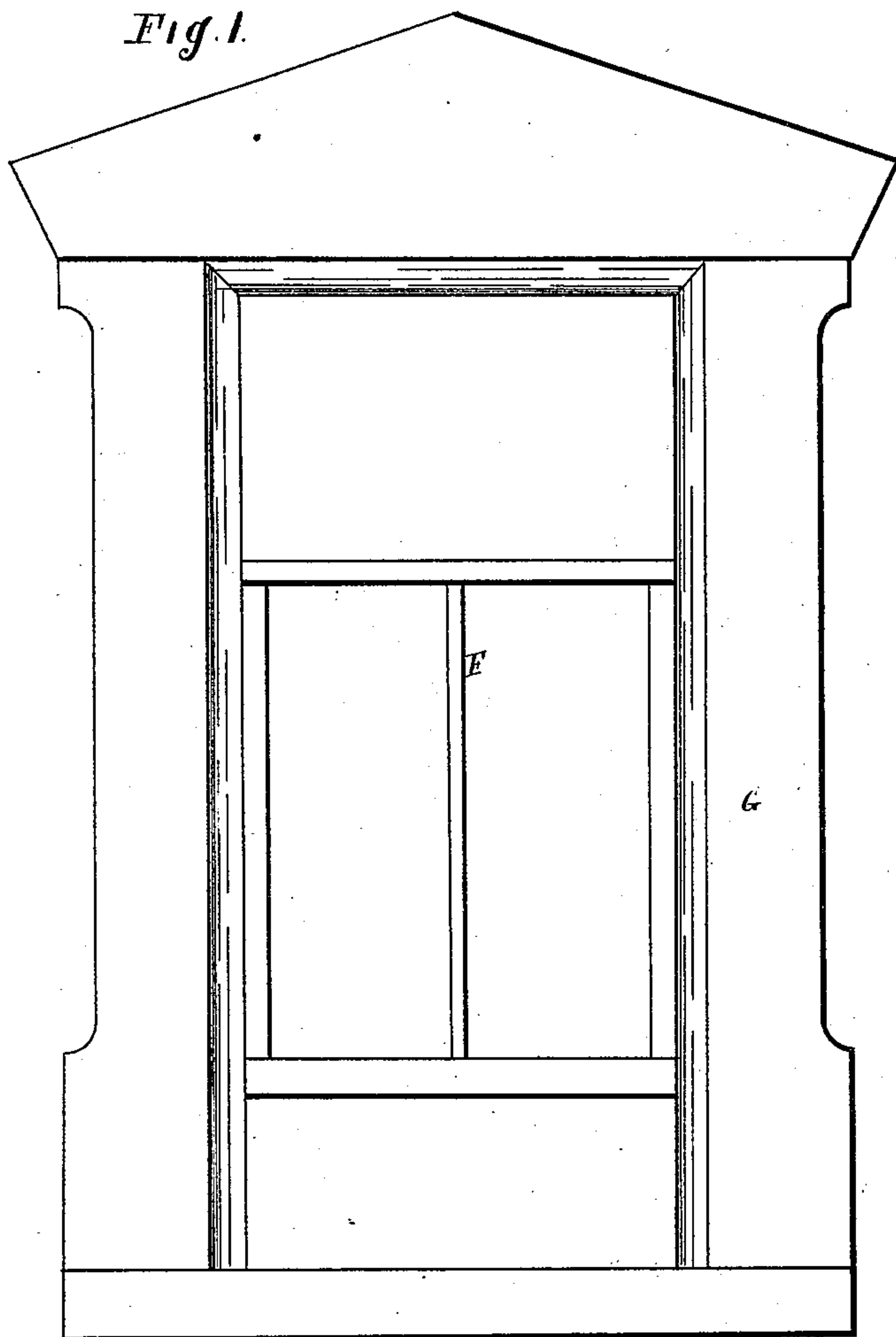


Fig 2.

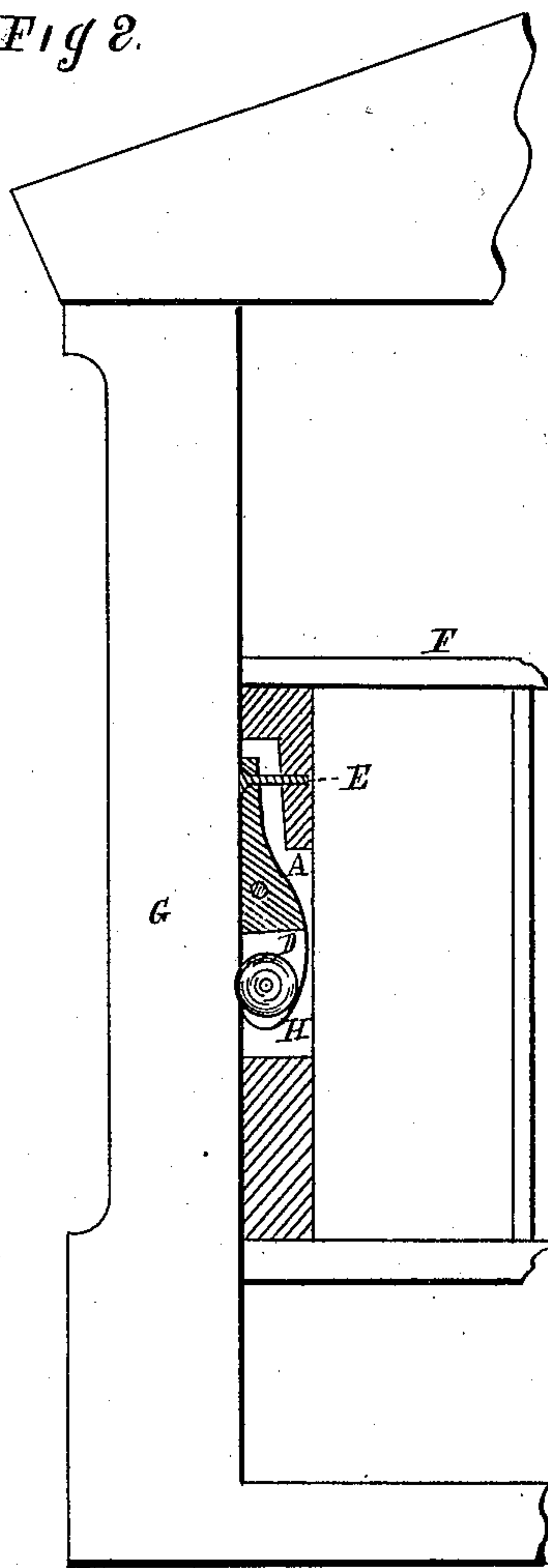


Fig 3.

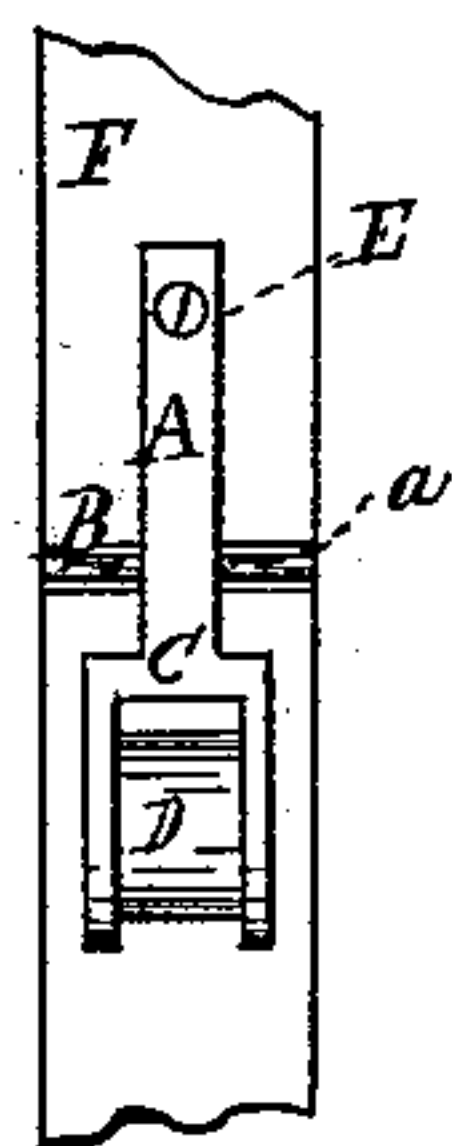
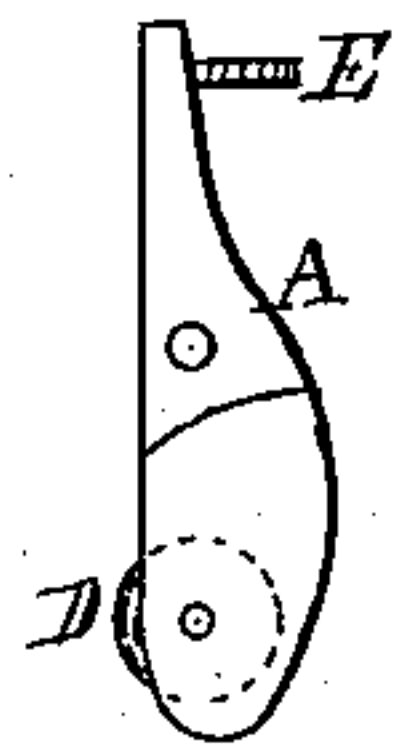


Fig 4.



Witnesses.
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A Brown

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UNITED STATES PATENT OFFICE.

WILLIAM J. WAY, OF BERLIN HEIGHTS, OHIO, ASSIGNOR OF ONE-HALF
HIS RIGHT TO THEODORE C. CHAPMAN, OF SAME PLACE.

IMPROVEMENT IN SASH-HOLDERS.

Specification forming part of Letters Patent No. **201,315**, dated March 12, 1878; application filed
January 21, 1878.

To all whom it may concern:

Be it known that I, WILLIAM J. WAY, of Berlin Heights, in the county of Erie and State of Ohio, have invented a certain new and Improved Window-Sash Holder; and I do hereby declare that the following is a full, clear, and complete description thereof, reference being had to the accompanying drawings, making a part of the same.

Figure 1 is a front view of a window, having applied thereto the window-fastener. Fig. 2 is a vertical section of the fastener, shown in its application to the window. Fig. 3 is an edge view of a section of a sash, showing the application of the fastener to said sash. Fig. 4 is a detached view of the fastener.

Like letters of reference refer to like parts in the several views.

As abovesaid, this invention is a device for holding up a window-sash; also, to prevent the same from rattling by the wind, it being a substitute for the cord and balance-weight employed to this end. Said device consists of a lever having a bifurcated end, wherein is pivoted a roller, consisting of some flexible material, as rubber, cork, or the like; and this lever is provided with transverse arms, whereby it is hung in a recess made in the edge of the sash, and which arms serve as a fulcrum for the vibration of the lever. The roller in the bifurcated end of the lever is forced outward against the side of the window-frame by an adjusting-screw inserted in the opposite end, all as hereinafter more fully described and claimed.

In the drawing, A represents the lever al- luded to, and B the arms or fulcrum whereon it vibrates, for a purpose presently shown.

In the bifurcated end C of the lever is the roller D referred to; and E is the adjusting-screw, for adjusting the lever in the sash F.

The application of the fastener to the win- dows will be understood on examination of Fig. 2, in which F represents the sash, and G the window frame or casing. In the edge of the sash is a recess, H, in which is placed the lever A, and suspended therein upon the arms B in notches or gains cut in the edges of the

recess, as seen at *a* in Fig. 3. The upper end of the lever is fastened to the sash by an ad- justing-screw, E, substantially as shown in Fig. 2.

It will be obvious that on forcing in the upper end of the lever by the screw the lower end will be forced outwardly correspondingly, thereby causing the roller to press more or less firmly against the side of the window-frame, and which pressure will be propor- tioned to the weight of the sash, which, by such pressure of the roller, is held up at any desired height.

Should the sash be a heavy one, the pressure of the roller is increased by driving in the ad- justing-screw, thereby forcing the roller strong- er against the frame, and which, by its fric- tional resistance, will hold up the sash.

In the event one roller is not sufficient to sustain the weight of the sash, another may be inserted in the opposite side thereof. Ord- inarily one will answer the purpose.

I am aware that sash-holders of various con- structions have been in use; hence I do not claim the devices herein shown, separately considered, but the construction and combina- tion of the several devices described, which, by means of the adjusting-screw E, the sash- holder is readily adjusted to hold the sash in place, according to its weight and looseness in the casing.

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

The improved sash-holder consisting of the adjusting-screw E, in combination with the bifurcated lever A, having arms B, extending into the sash or frame, forming the fulcrum of said lever and a roller, D, pivoted in the bifurcated end thereof, and said spring at the other, and placed within a cavity in the sash or frame, constructed and arranged to operate conjointly, substantially as and for the purpose set forth.

WILLIAM J. WAY.

Witnesses:

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