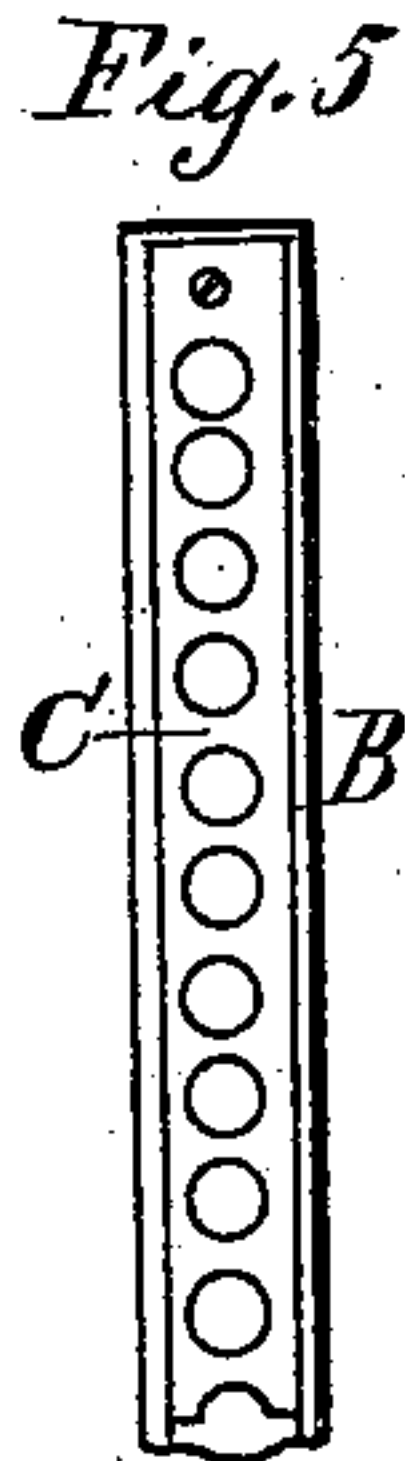
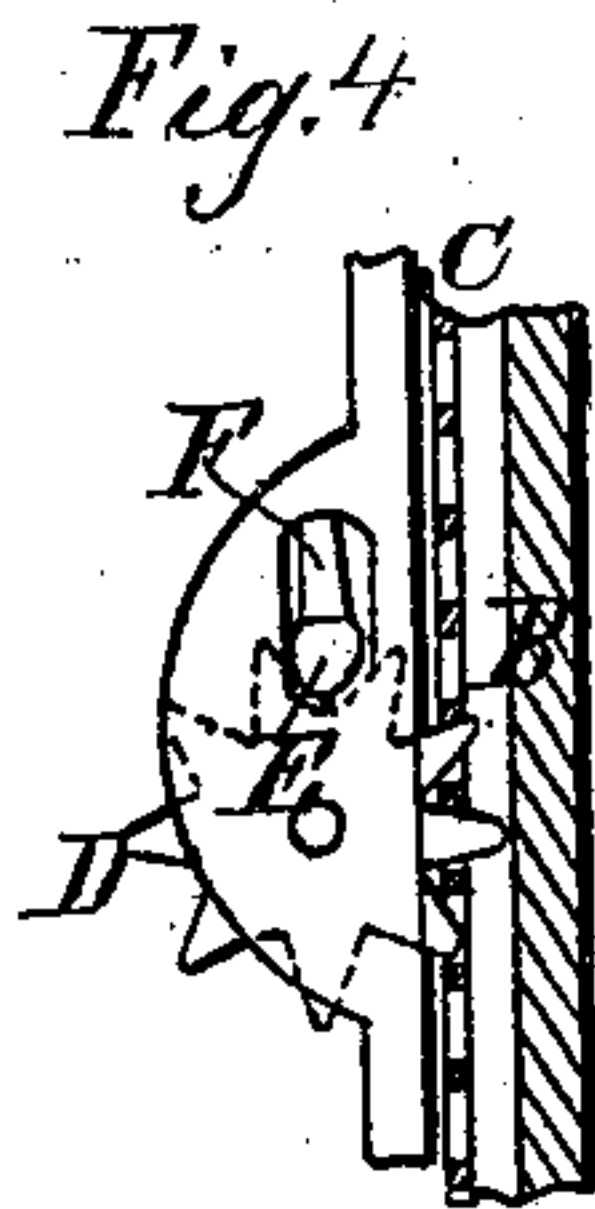
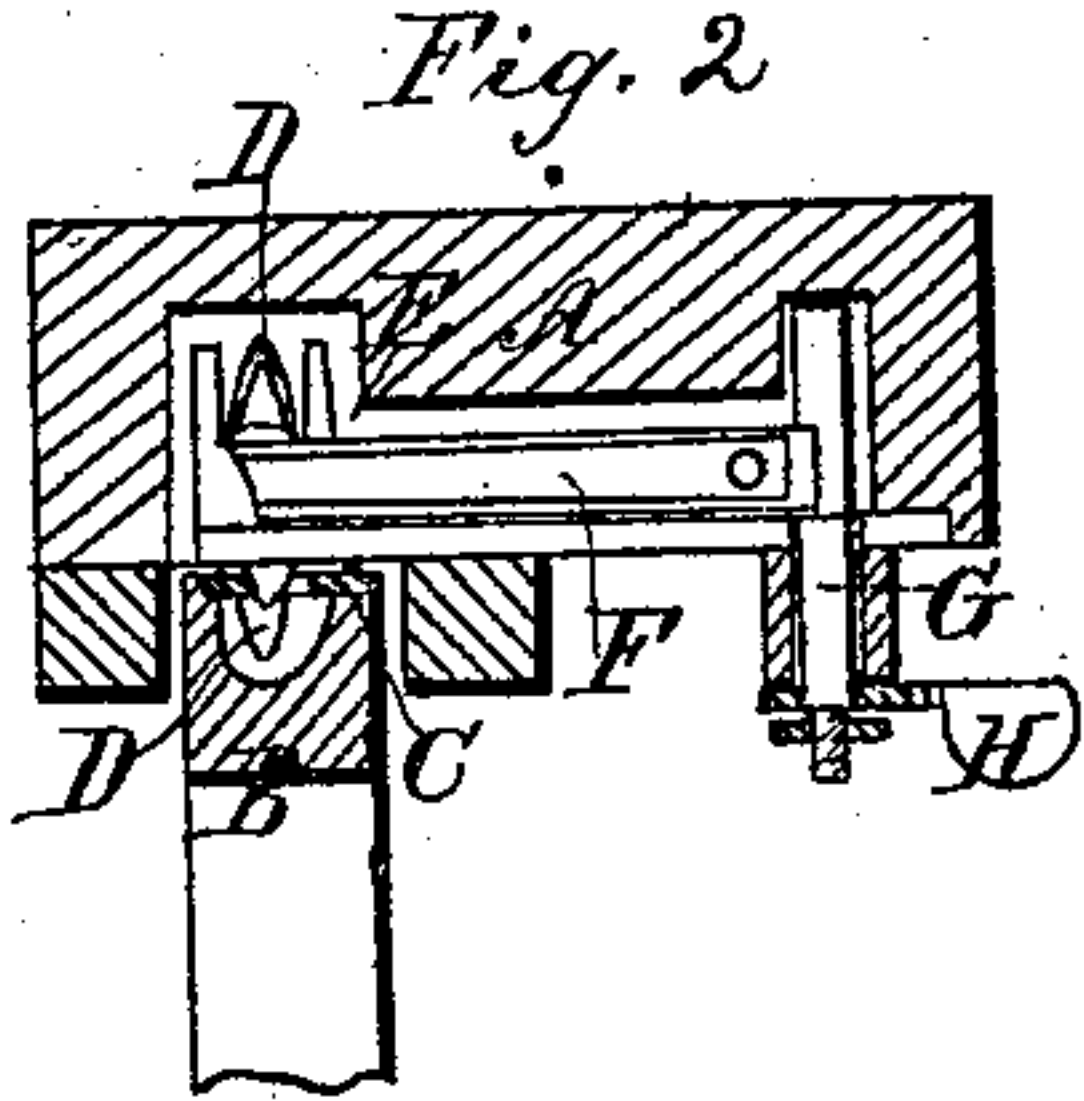
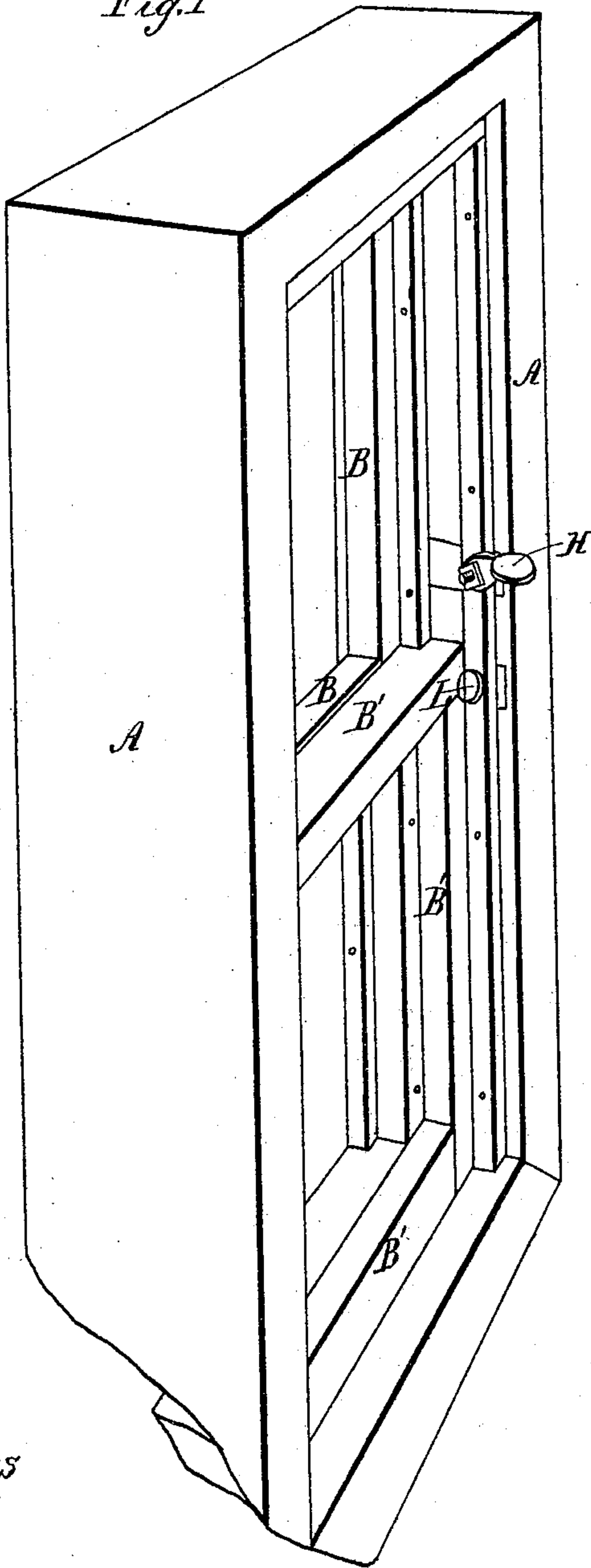


*Ruder & Seiple,
Sash Holder.*

No. 95,592.

Patented Oct. 5. 1869

Fig. 1



*Witnesses
Harry King
Leopold Cuench*

*Inventor
J. S. Ruder
W. Seiple
Alexander Mason
Attys.*

United States Patent Office.

JAMES S. KUDER AND WILLOUGHBY SEIPLE, OF TIFFIN, OHIO.

Letters Patent No. 95,592, dated October 5, 1869.

IMPROVED SASH-HOLDER.

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

To all whom it may concern:

Be it known that we, JAMES S. KUDER and WILLOUGHBY SEIPLE, of Tiffin, in the county of Seneca, and in the State of Ohio, have invented certain new and useful Improvements in Sash-Stops; and we do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The nature of our invention consists in the construction and arrangement of a "sash stop or holder," as will be hereinafter fully set forth.

In order to enable others skilled in the art to which our invention appertains to make and use the same, we will now proceed to describe its construction and operation, referring to the annexed drawings, which form a part of this specification, and in which—

Figure 1 is a perspective of a window-sash with our sash-stops attached;

Figure 2 is a horizontal section, showing the stop which operates the upper window-sash;

Figure 4 is a vertical section, showing the same stop; and

Figure 5 is an edge view of the sash.

A represents the window-frame, B, the upper, and B', the lower sash, all constructed in any of the known and usual ways.

One edge of both the sashes B and B' is provided with a metal strip, C, perforated with a series of round holes, as seen in fig. 5, the edge of the sash being mortised or cut out under the strip C.

At a suitable point in the frame A is pivoted a toothed wheel, D, which works in the strip on the upper sash B, and may be held stationary, so as not

to revolve, by means of an arm, E, the outer end of which is held down by a spring, F, between the teeth of the wheel D.

The inner end of the arm E is secured to a shaft, G, which has its bearings in the window-frame, and one end of which projects out beyond the frame.

This end of the shaft is provided with a thumb-piece, H, upon pressing on which the outer end of the arm E is raised up out of the teeth of the wheel D, so that the sash B can be raised or lowered at will.

As soon as the pressure is removed from the thumb-piece H, the spring F presses the arm E down again, and holds the sash at any point desired.

The wheel D, with the arm E, spring F, and shaft G, are all fixed in place on a metal plate or box, so as to be readily inserted in the window-frame, and to present a neat and tasteful appearance.

The lower sash B' may be provided with the same or some other kind of holder, as may be desired.

Having thus fully described our invention,

What we claim as new, and desire to secure by Letters Patent, is—

The combination of the toothed wheel D, and perforated strip C, arm E, spring F, shaft G, and thumb-piece H, or their equivalents, all substantially as and for the purposes herein set forth.

In testimony that we claim the foregoing, we have hereunto set our hands, this 3d day of April, 1869.

JAMES S. KUDER.

WILLOUGHBY SEIPLE.

Witnesses:

A. H. BYERS,

H. F. SEIPLE.