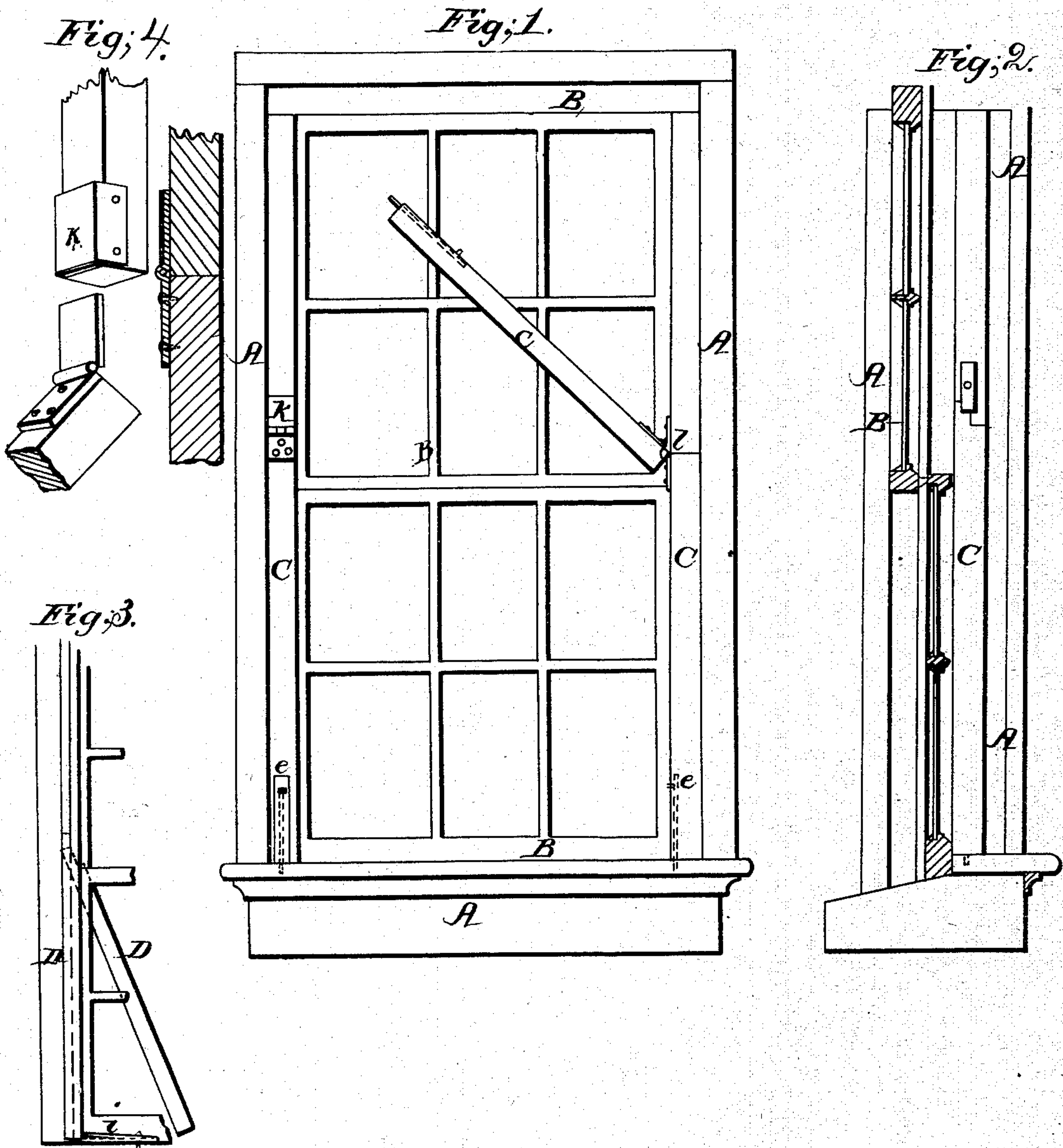


J. H. Andrews.

Window Stop.

Nº 68,933.

Patented Sept. 17, 1867.



Witnesses;
C. F. Wilson
Chas. H. Poole

Inventor;
Jacob H. Andrews
By Colby & Wilson
Attorneys.

United States Patent Office.

JACOB K. ANDREWS, OF NEW PROVIDENCE, PENNSYLVANIA.

Letters Patent No. 68,933, dated September 17, 1867.

IMPROVED WINDOW-SASH STOP.

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

TO WHOM IT MAY CONCERN:

Be it known that I, JACOB K. ANDREWS, of New Providence, Lancaster county, State of Pennsylvania, have made new and useful Improvements in Window-Stops; and hereby declare the following to be a full and exact description of the same, reference being had to the drawings that accompany and form a part of these specifications, in which—

Figure 1 is a perspective view showing a window with the stops made in accordance with my device.

Figure 2 showing another method of holding the stop in position.

Figure 3 showing my method of arranging the partition bead that divides the upper and lower sash.

Figure 4, section showing detachable hinged joint.

Letter A, window-frame; letter B, sash; letter C, window-stop, provided with a hinge or button, as hereafter described; letter D, partition bead.

The object of my invention is to provide an easy method of removing the sash or window for cleaning, repairing, or any other purpose, without defacing the paint or wood-work by withdrawing the nails or screws that are usually used for holding the window-stop in its place.

I make the window-stop in two parts, connected either with a hinge, as shown in fig. 1, or by a button, as shown in fig. 2, the joint being a little above the centre of the window. The upper part of the stop is firmly fastened to the window-casing, the lower end being fastened by a small bolt, as shown at *ee* in fig. 1. The partition bead that stands in the jamb-casings, I also make in two pieces. The upper part is made fast in the casing, the lower part being held in position by a tenon at the upper end, and by a spring at the bottom, as shown at *i* in fig. 3. The hinges may be so placed upon the stops as to swing forward into the room, as seen in fig. 1, at *k*, or across the window, as shown by the red lines in fig. 1. One of these hinges, as shown at *l* in fig. 1, firmly attaches the two parts. The other is so made that the lower part can be detached and entirely removed, as shown at *k* in fig. 1 or fig. 4.

I do not confine myself to any specific device for holding the stops in their places at the bottom, which may be by a bolt, as shown, or otherwise.

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

Window-stops, when made in two parts, and arranged, connected, and operated substantially as described, and for the purpose specified.

JACOB K. ANDREWS.

Witnesses:

CHAS. H. POOLE,

C. F. WILSON.