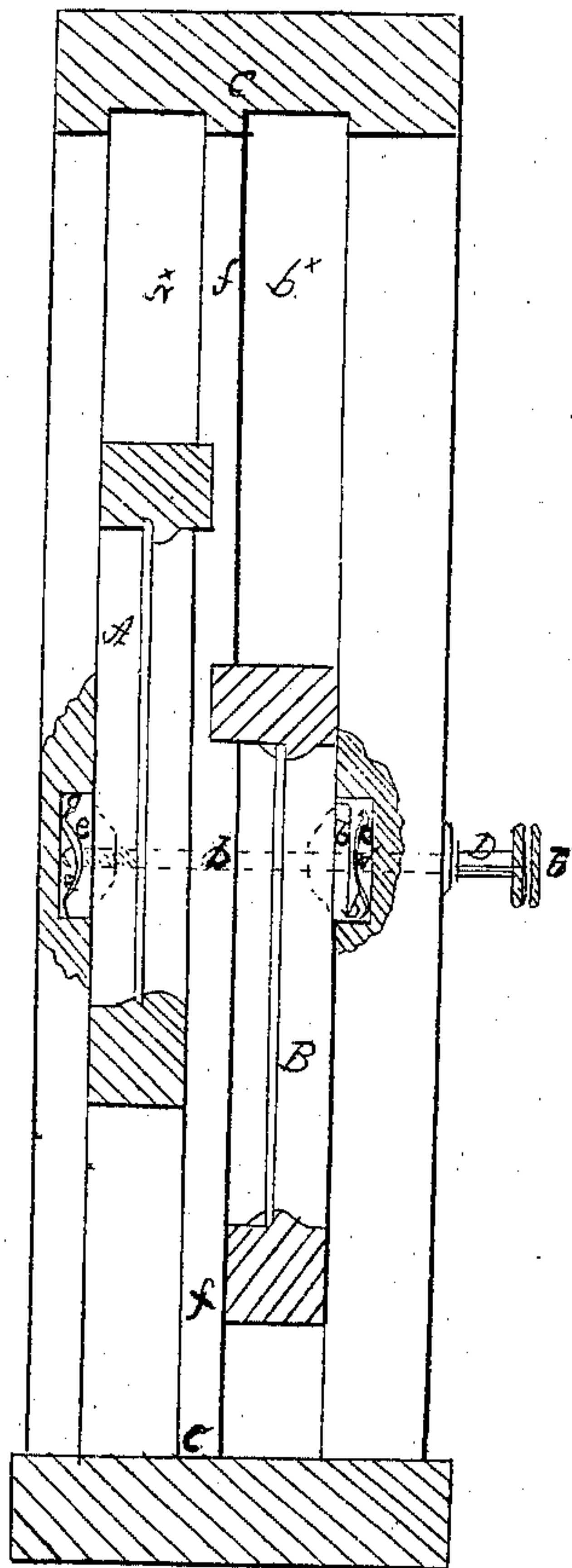


*W. R. Vanderbilt's Improv<sup>d</sup> in Cash Stops & Fasteners.*

72128

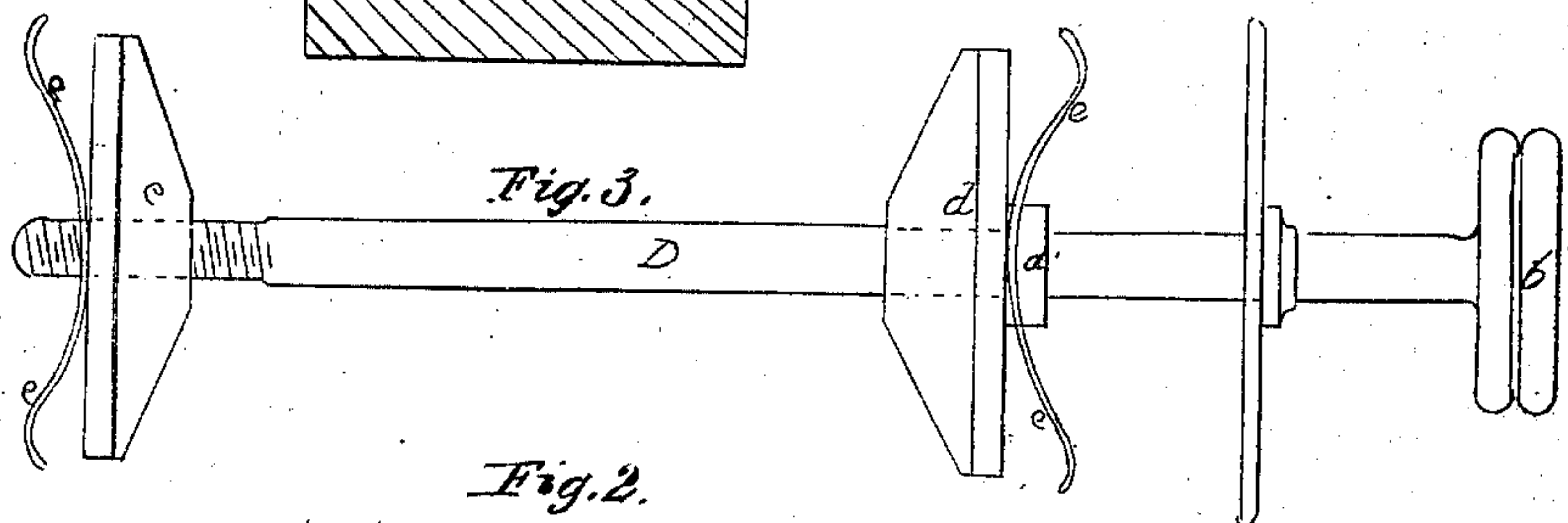
*Fig. 1.*



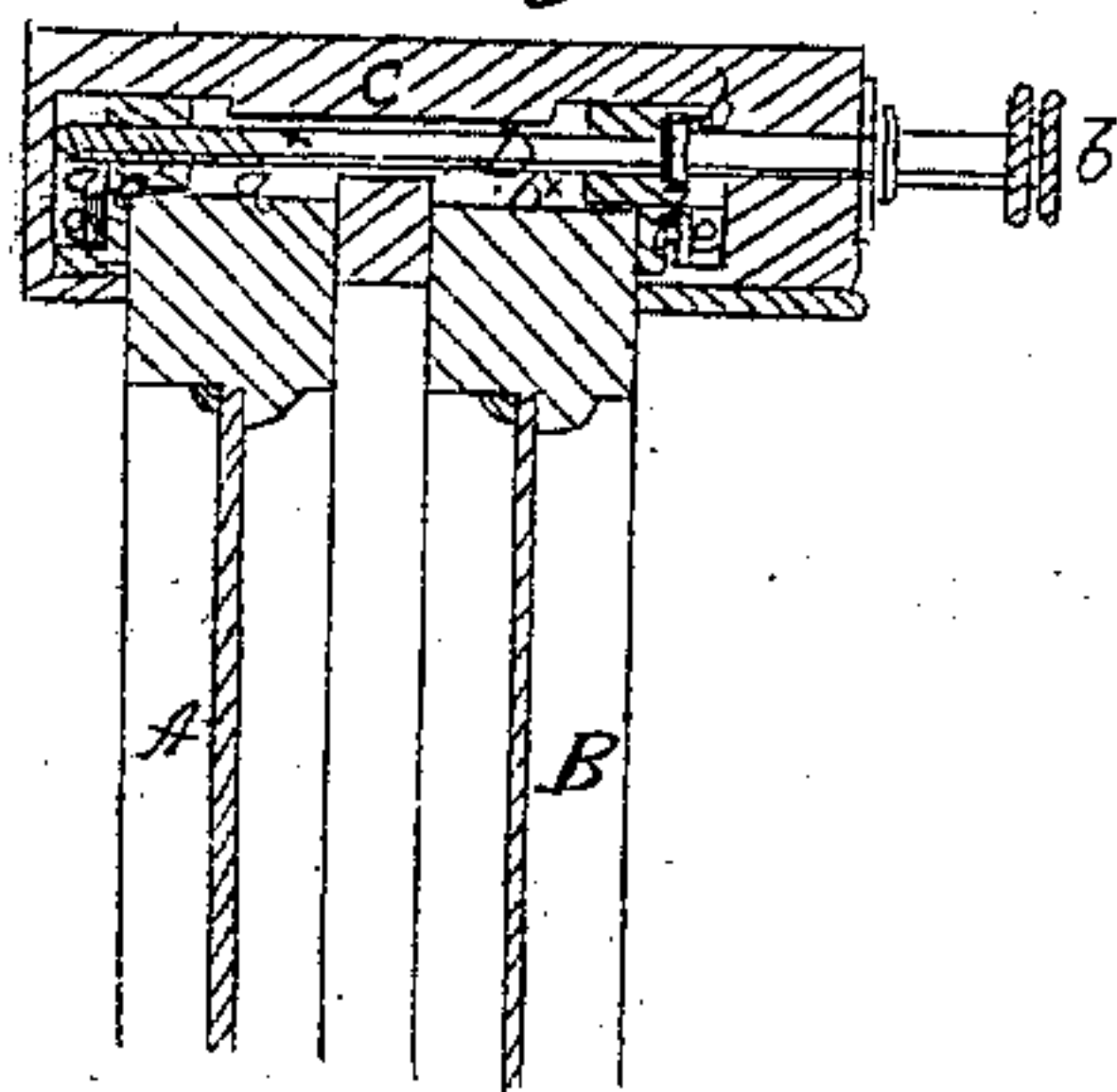
*Assigned to  
Vanderbilt,  
Lindstrom,  
and Stidolph.*

PATENTED

DEC 10 1867



*Fig. 2.*



*Witnesses.*

*McComby  
Abellere*

*W. R. Vanderbilt*



# United States Patent Office.

GEORGE R. VANDERBILT, OF MOUNT VERNON, NEW YORK, ASSIGNOR TO HIMSELF, J. J. LINDSTROM, AND D. W. STIDOLPH, OF THE SAME PLACE.

*Letters Patent No. 72,128, dated December 10, 1867.*

## IMPROVEMENT IN WINDOW-SASH STOPS.

*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, GEORGE R. VANDERBILT, of Mount Vernon, in the county of Westchester, and State of New York, have invented certain new and useful Improvements in Sash-Stops and 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, making a portion of this specification, and in which—

Figure 1 is a vertical section of a window-sash and frame, showing my invention as applied thereto.

Figure 2 is a horizontal section of the same.

Figure 3 is a view of the device detached from the sash and window-frame.

Similar letters of reference indicate corresponding parts in all the figures.

This invention consists in two clamping-plates and a tightening-bolt, so combined and operated as to firmly lock the two sashes of a window in any desired position, thereby preventing the said sashes from being raised or lowered from the outside of the window.

The invention further consists in the arrangement of springs with reference to the aforesaid plates in such manner that when the latter are released from the action of the tightening-screw, they will be pressed against the sashes with sufficient force to hold the same in position when raised or lowered, as the case may be, without rigidly locking the same as when the plates are tightened upon them by the screw, as just hereinbefore mentioned.

To enable others to understand the construction and operation of my invention, I will proceed to describe it with reference to the drawings.

A and B represent respectively the upper and lower sashes of the window, and C shows the frame thereof. Formed in the inner surfaces of the front and back of one side of the window-frame, and next to the outer sides of the adjacent edge portions of the two sashes, are two recesses, *a b*, in which are placed two plates, *c d*, which rest against the sides just mentioned of the sashes. D indicates a bolt, fitted into the window-frame, and passing through the plates *c d*, the inner end portion of the bolt being formed with a screw-thread and screwed into a female screw provided in the plate *c*, while an annular flanch, *a'*, formed upon the bolt rests against the other plate *d*, as shown is figs. 1 and 2. The aforesaid bolt is furthermore furnished at its outermost extremity with a head or knob, *b'*, by means of which it may be turned when desired, as hereinafter presently set forth. Placed within each of the recesses *a b*, at the outer sides of the clamping-plate situated therein, is a spring, *e*. When the bolt D is turned so as not to act upon the clamping-plates, these springs press the said plates against the adjacent surfaces of the sashes with such force that their friction thereon will retain the said sashes in position when raised or lowered, as the case may be, to a greater or less extent, thereby enabling the said plates to serve all the purposes of ordinary sash-stops, at the same time that in case it is desired to rigidly hold or lock the sashes either in a position to close the window, or raised or lowered more or less, as may be desired, it is only necessary to turn the bolt in such manner as to screw the threaded end thereof into its plate *c*, thereby drawing the two plates toward each other, and clamping the adjacent portions of the sashes between the said plates and the vertical slot *f*, situated between the two grooves *a\* b\**, in which the said portions of the sashes move, holds the sashes fixed with such force as to effectually resist any force likely to be applied directly thereto to move the same up or down, the entrance of intruders from the outside, even when the window is partially opened, being by this means securely guarded against.

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

1. The two clamping-plates, and the tightening-bolt, combined and operated substantially as and for the purpose specified.

2. The springs, arranged in relation to the plates *c d*, substantially as and for the purpose specified.

GEO. R. VANDERBILT.

Witnesses:

J. W. COOMBS,

A. LE CLERC.