

(No Model.)

W. HINZE.  
WINDOW GUARD.

No. 319,252.

Patented June 2, 1885.

Fig. 1.

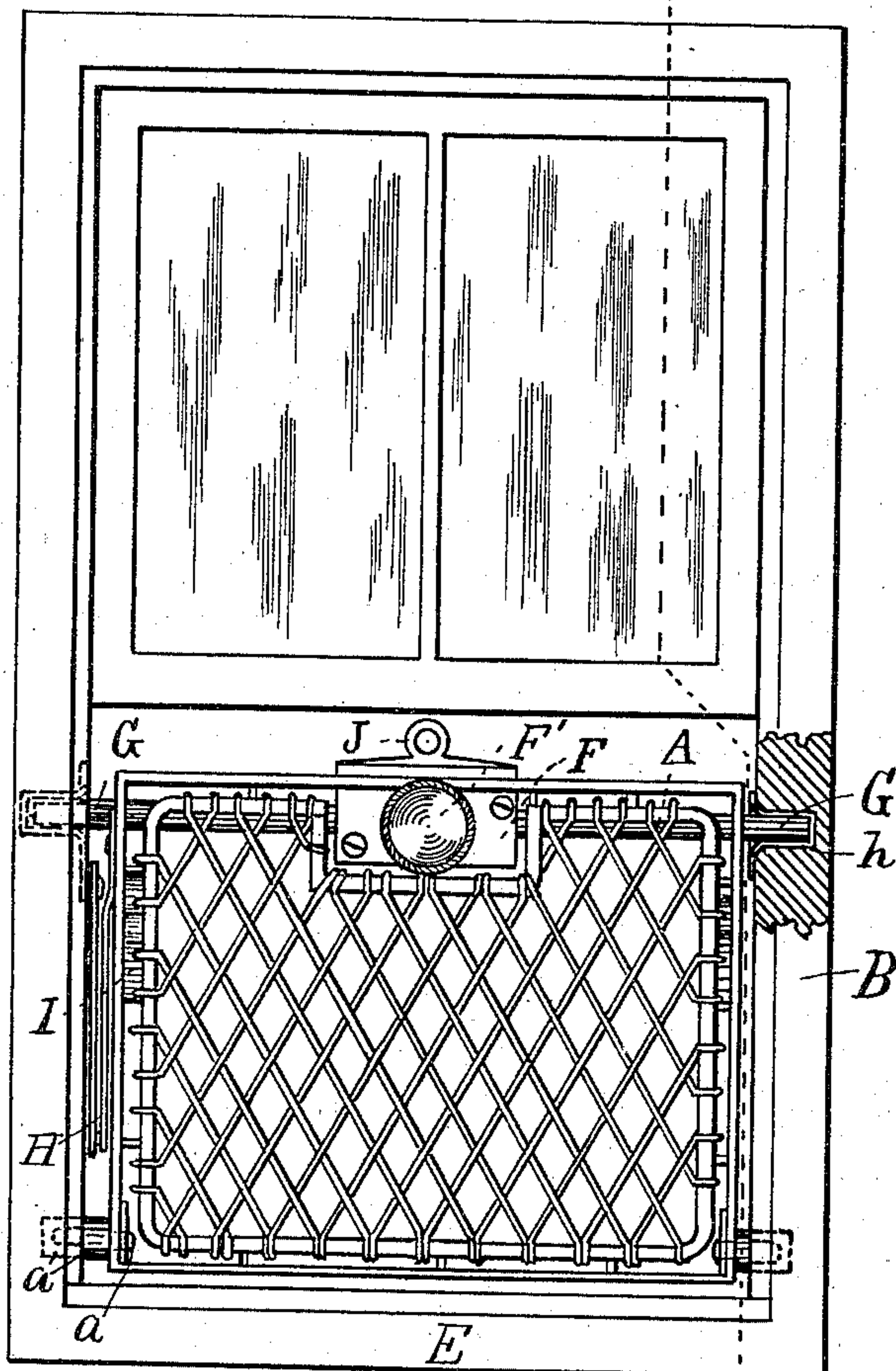


Fig. 2.

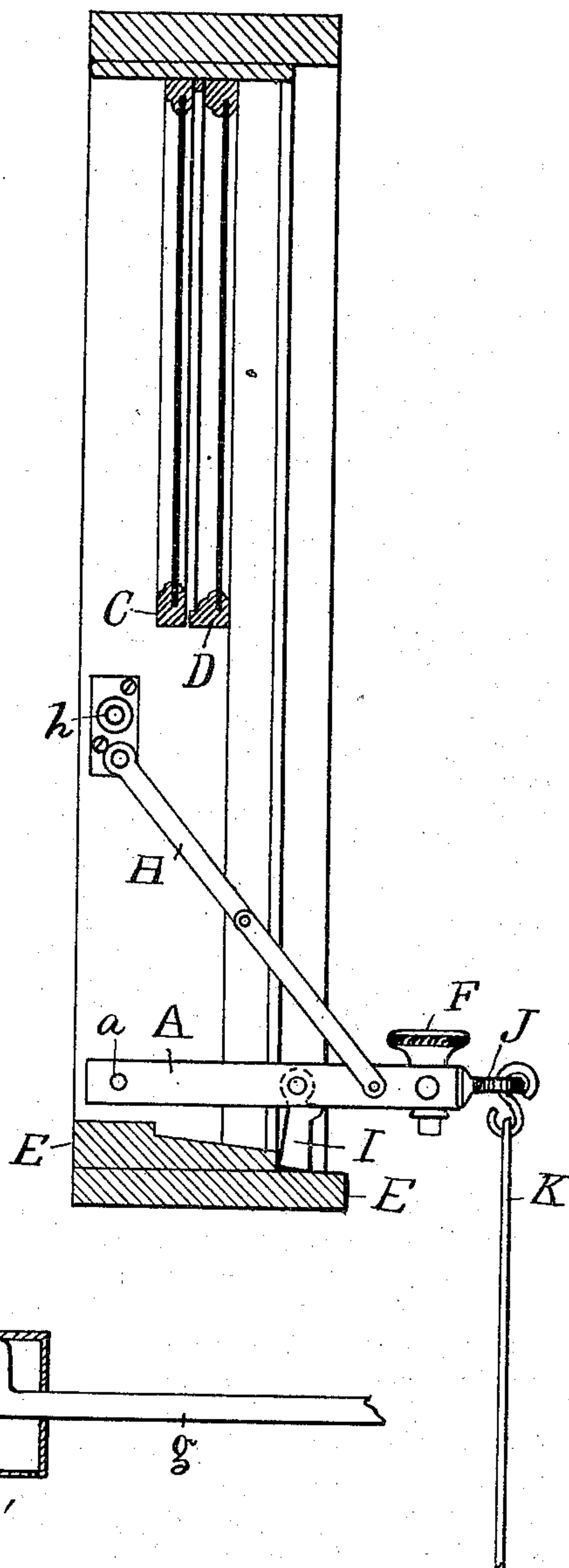


Fig. 3.

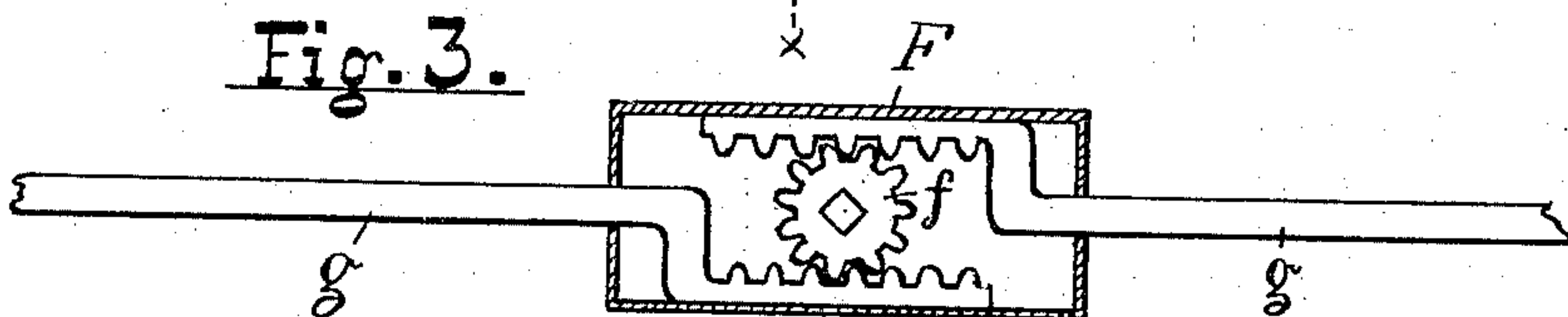
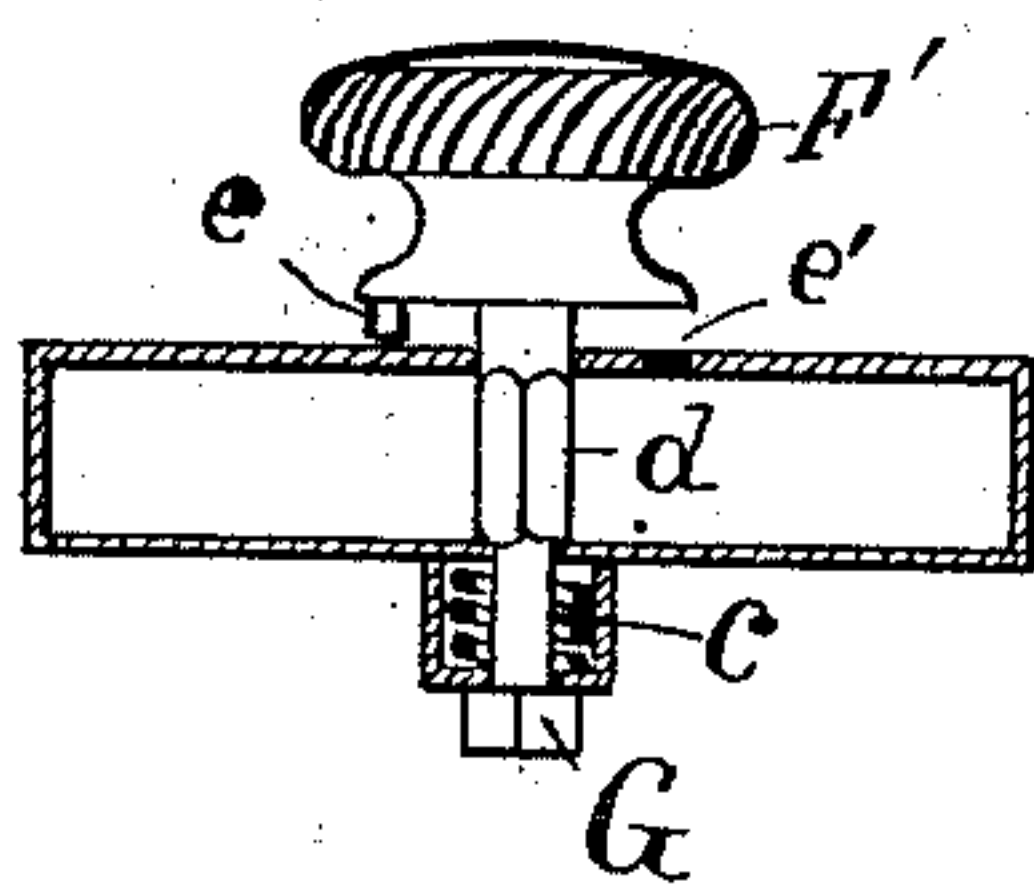


Fig. 4.



Attest.

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Thos. S. Crane, Atty.



# UNITED STATES PATENT OFFICE.

WILLIAM HINZE, OF NEWARK, NEW JERSEY.

## WINDOW-GUARD.

SPECIFICATION forming part of Letters Patent No. 319,252, dated June 2, 1885.

Application filed March 18, 1884. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM HINZE, a citizen of the United States, residing in Newark, Essex county, New Jersey, have invented certain new and useful Improvements in Window-Guards, fully described and represented in the following specification and the accompanying drawings, forming a part of the same.

This invention consists in a window guard or screen pivoted to the window-frame near the sill, and provided with means for sustaining it both in a vertical and horizontal position.

In the drawings, Figure 1 is an inner view of a window provided with such a guard. Fig. 2 is a section of the same on line *xx* in Fig. 1. Fig. 3 is an inside view of the lock-case and bolt-shaft; and Fig. 4, a section of the lock-case at the center of the spindle, which latter is not in section.

A is the guard; B, the window-frame; C, the upper and D the lower sash; E, the sill; F, the lock-case; G, the bolts; H, the suspension-links, and I the weighted supports. The guard-screen is provided with pivots *a*, suitably journaled in sockets *a'*, which are let into the sides of the window-frame near the sill. At the upper edge of the guard is shown a lock-case, F, containing a spindle, *d*, provided with a knob, F', and a spring, *c*, to draw the knob toward the case to retain a lock-pin, *e*, in a hole, *e'*, in the case beneath the knob. A pinion, *f*, is fitted to the spindle, and the bolts G are formed with shafts *g*, having teeth fitted to the pinion, so that the turning of the knob forces the bolts outward through the sides of the guard into a socket, *h*, let in the window-frame at opposite sides. The pin *e* locks the bolts outward, so that the operator needs to pull the knob toward him before it can be turned to unlock the bolts. Jointed links H are shown attached to the guard near the bolts, and to the frame near the sockets *h*, and serve to sustain the guard in a horizontal position when let down either inside or outside of the window.

In lieu of the links, the supports I may be pivoted loosely to the edges of the guard at points to rest upon the window-sill when the guard is lowered toward the outside of the window, as shown in Fig. 2. When in this position, the guard or shelf may be used as a

support for flower-pots, dishes of food, or any other articles, and when either raised or lowered effectually prevents the accidental falling of children or any objects from the window. An eye, J, is attached to the top edge of the guard for the attachment of a fire-escape rope, K.

It is obvious that the guard may be secured in an upright position by means of buttons, and may be pivoted to the frame outside of the sashes, so as to be lowered and used as a shelf when the sash D is closed.

I am aware of the nursery-gate patented as No. 223,105, on December 30, 1879, and which shows a frame of bars jointed separately to a step-piece on one side only of the window-frame; but such construction is not adapted, like mine, to form a rigid frame, and to be turned into a horizontal position either upon the inside or outside of the window-frame, to operate like a shelf or support.

I am also aware that a duplex lock has been heretofore constructed with a two-armed lever in place of the pinion which I employ. I do not therefore claim a jointed guard, broadly, or a bolt with two locks, but consider that my construction differs from those cited in its adaptation to serve both as a guard and as a shelf, and in the means of operating the two bolts by a knob, as herein shown and described.

Having thus described my invention, I claim the same as follows:

1. The combination, with the window-frame, of the guard pivoted near its lower edge to opposite sides of the frame, and a catch for holding the guard in a vertical position, as and for the purpose set forth.

2. The combination, with the window-frame, of the guard pivoted near its lower edge to opposite sides of the frame, and jointed links H, pivoted to the frame and guard to sustain it in such position, as and for the purpose set forth.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

WILLIAM HINZE.

Witnesses:

THOS. S. CRANE,  
C. C. HERRICK.