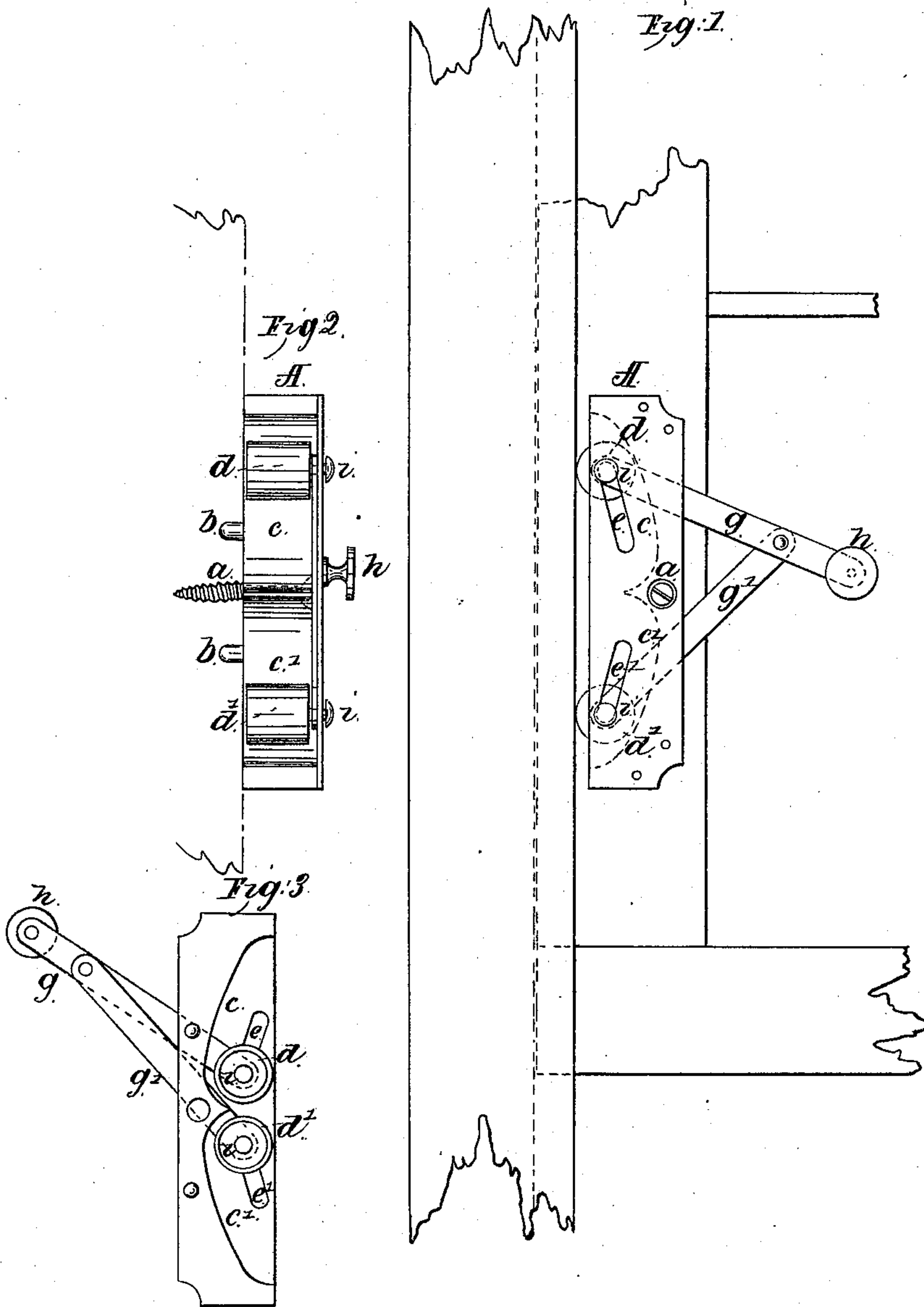


*J. K. Clark,
Sash Holder.*

N^o 62,817.

Patented Mar. 12, 1867.



*Witnesses
Theo. Tusche,
J. A. Service.*

*Inventor:
J. K. Clark,
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Attorneys.*

United States Patent Office.

J. K. CLARK, OF MOUNT PLEASANT, IOWA.

Letters Patent No. 62,817, dated March 12, 1867.

IMPROVED WINDOW-SASH LOCK.

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, J. K. CLARK, of Mount Pleasant, in the county of Henry, and State of Iowa, have invented a new and useful improvement in Window-Sash Locks; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a front view of my improved sash lock attached to a window.

Figure 2 is an inside end view of the same.

Figure 3 is an inside view of the lock detached.

Similar letters of reference indicate corresponding parts.

This invention relates to an improvement in window-sash locks or fastenings; and consists in a device secured to one side of the sash, wherein two friction-rollers are hung upon the ends of two connected levers in such manner that the rollers will spread apart and bear against the window frame so as to stop the movement of the sash at any desired point by gravitation, while by touching a handle on the connected levers the rollers may be withdrawn from the frame and the sash be relieved to move up or down. The device is very simple, and may be made of brass, cast iron, or any cheap metal, and finished in japan or silver plated, and may be furnished at a very moderate price.

A represents the shell or supporting body of the lock, made about two inches and one-half long, one inch wide, and three-quarters of an inch thick, which shell is secured to the left-hand side of a window sash with a single screw, *a*, and two steady-pins, *b b*, as shown in fig. 2. The inside of the shell A is formed with two curved inclines, *c c'*, running from the ends to the centre, and having their faces or planes opening toward the side which goes next the window frame, as shown clearly in figs. 2 and 3. Two rollers are placed inside of the shell A, against the inclines *c c'*, the upper roller *d* being pivoted to the end of a lever, *g*, and the lower lever *d'* being pivoted to the end of a lever, *g'*. The lever *g'* is pivoted at its outer end to the lever *g* just inside of a button handle, *h*, on its outer end. Both levers are thin flat plates, which pass under the upper side or plate of the shell A, in a suitable slot for spreading and moving to and from each other when operated as hereinafter described. In the upper side of the shell A are two slots, *e e'*, made parallel to the inclines *c c'*, which serve as guides for the pins *i i'*, and secure the levers *g g'* to the rollers *d d'*, and on which the rollers turn. The weight of the lower lever *g'* and roller *d'* is greater than that of the upper lever *g* and roller *d*, so as to cause the roller *d'* to fall of itself, when the lock is attached to the sash, down to the lower end of the incline *c'*, and thus spread the levers *g g'* apart and raise the roller *g* to the upper end of the incline *c*, by which action of the rollers they are always in position to bear against the window frame and hold the sash at any desired point, as shown in fig. 1, except when the pressure of the rollers is relieved by touching the button handle *h* and pushing it upward, so as to close the levers *g g'*, and thus withdraw the rollers *g g'* within the shell A, to the bottom of the inclines *c c'*, when the sash may be moved up and down.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The connected levers *g g'*, in combination with the friction-rollers *d d'*, moving on inclines *c c'* in the shell A, arranged and operating as and for the purposes herein described.

Witnesses:

JAS. B. SHAW,

J. G. VANCISE.

J. K. CLARK.