

G. W. MUDGETT.
SHUTTER-FASTENERS.

No. 195,525.

Patented Sept. 25, 1877.

Fig. 1.

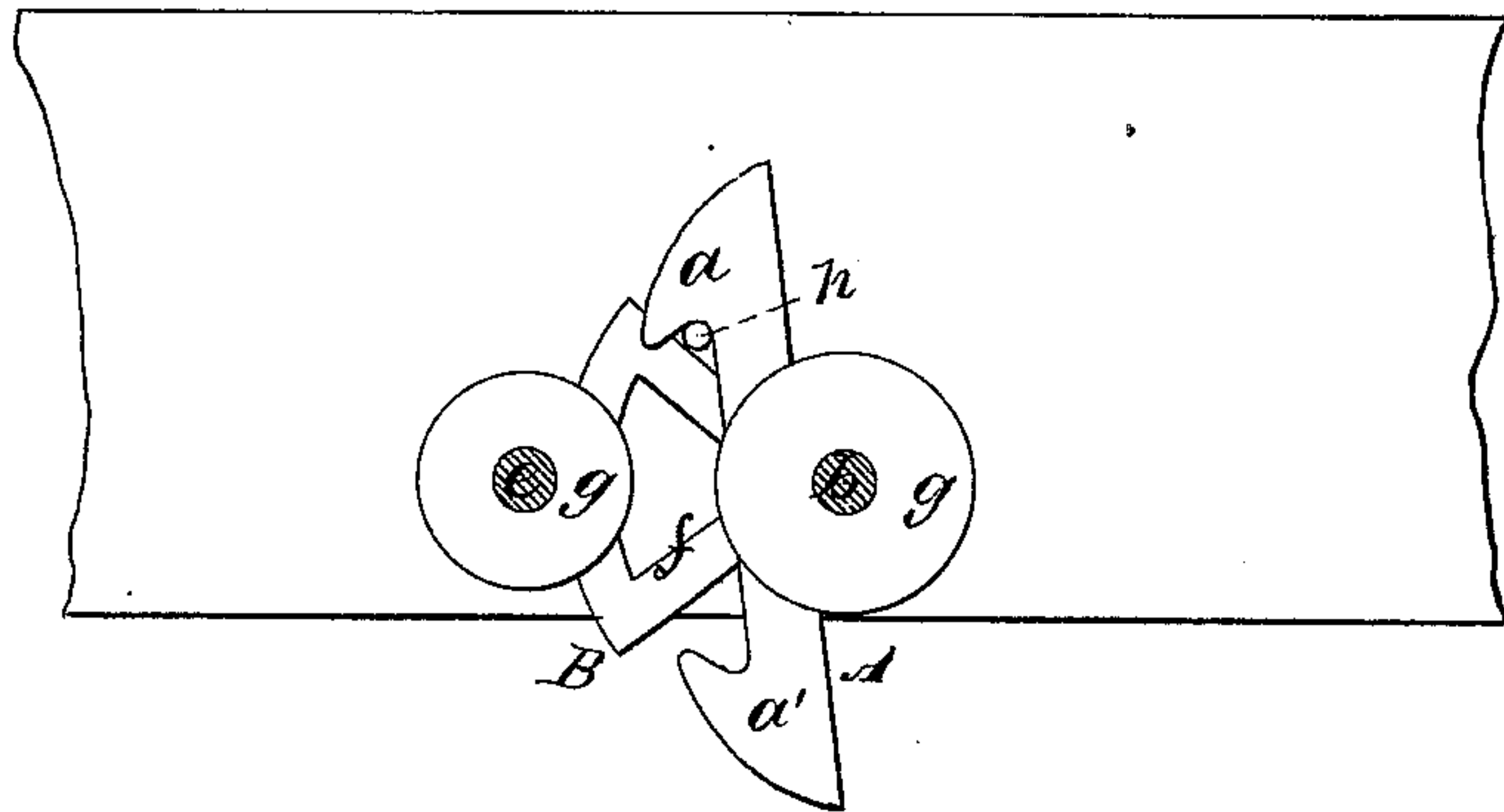


Fig. 2.

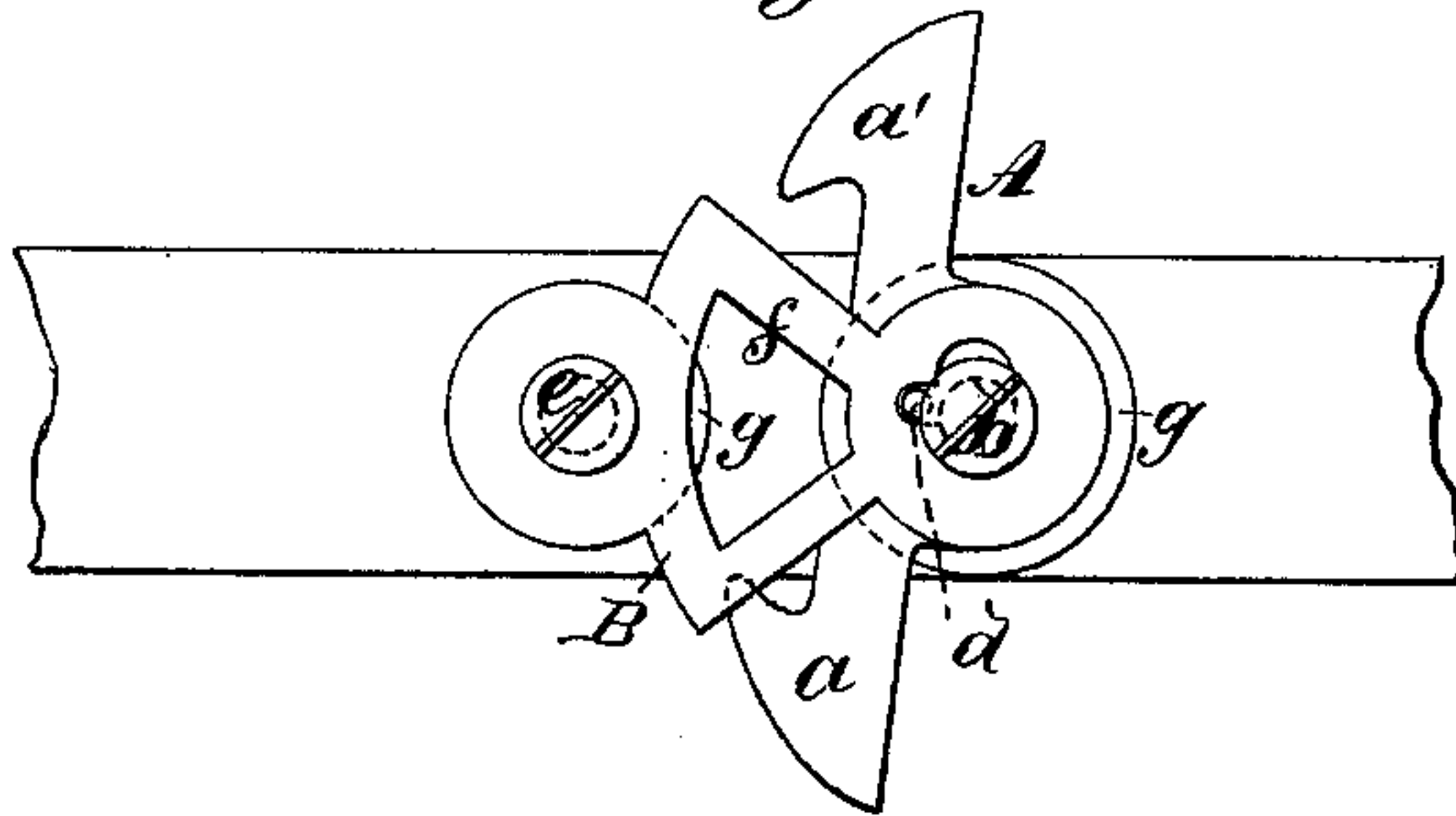
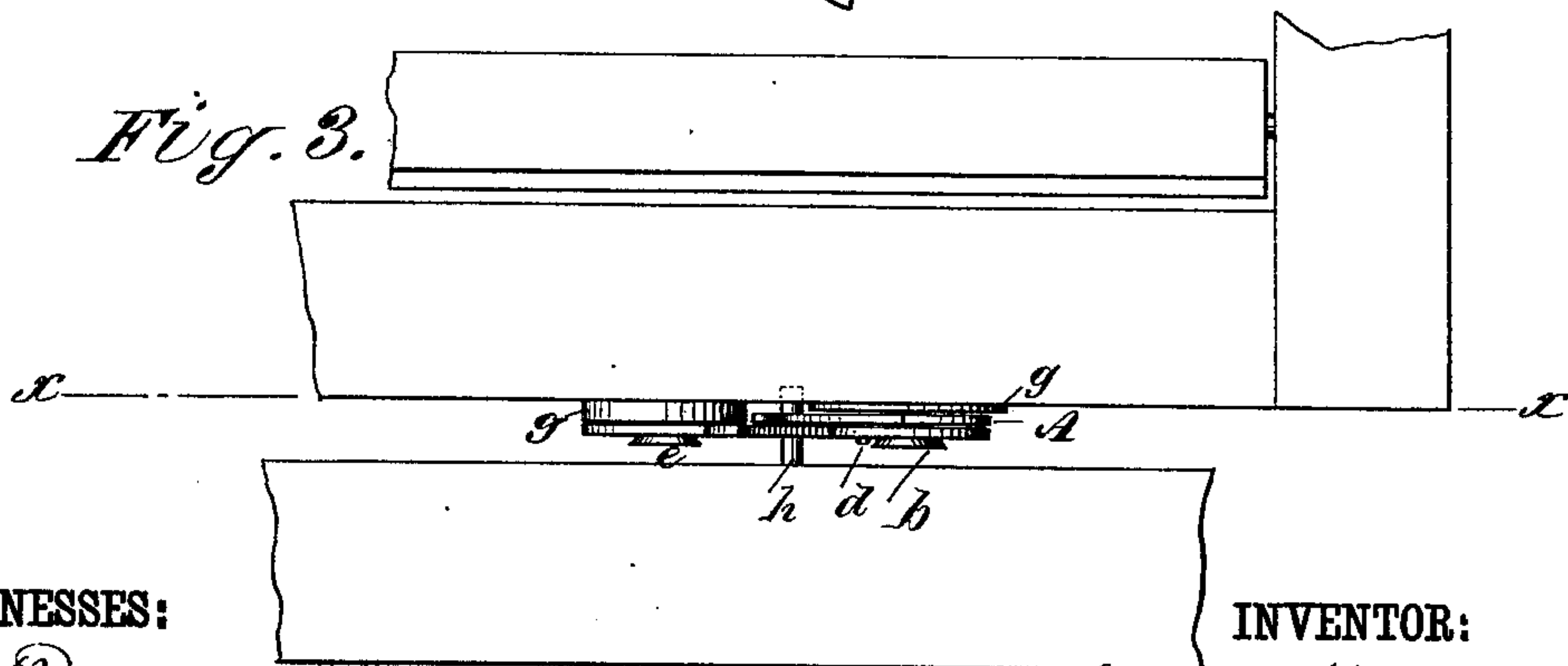


Fig. 3.



WITNESSES:

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GEORGE W. MUDGETT, OF EDGARTOWN, MASSACHUSETTS.

IMPROVEMENT IN SHUTTER-FASTENERS.

Specification forming part of Letters Patent No. **195,525**, dated September 25, 1877; application filed June 25, 1877.

To all whom it may concern:

Be it known that I, GEORGE W. MUDGETT, of Edgartown, in the county of Dukes and State of Massachusetts, have invented a new and Improved Self-Adjusting Button for Shutters, of which the following is a specification:

Figure 1 is a horizontal section on line *x x* in Fig. 3. Fig. 2 is an inverted plan view. Fig. 3 is a side elevation of a portion of a window sill and shutter, showing the application of my improved fastener.

Similar letters of reference indicate corresponding parts.

My invention relates to fasteners for shutters, doors, &c.; and it consists of a button upon the opposite sides of which nibs or catches are formed, which engage automatically with a pin in the window-stool when the shutter is closed, or with an L-shaped hook projecting from the wall when the shutter is open, there being also a sector-shaped portion, all as hereinafter more fully described and claimed.

Referring to the drawing, A is a button, upon which the nibs *a a'* are formed, and which is secured to the under surface of the lower rail of the shutter by a screw, *b*, which passes through an ear formed on the center of the button on the side opposite the nibs *a a'*. A pin, *d*, projects from the face of the button near the screw *b*.

B is a plate, which is secured to the lower rail of the shutter by a screw, *e*, upon which it swings. The opposite end of the plate is slotted to receive the screw *b*. It is also slotted to receive the pin *d*, and is provided with a sector-shaped portion, *f*, which is engaged by the fastening pin or hook when the shutter is either open or closed.

Washers *g* are placed between the button

A and plate B and the lower rail of the shutter, and a pin, *h*, is driven into the window-stool in position to strike the plate B and be engaged by the nib *a*, and an L-shaped hook is driven into the wall of the building, and is engaged by the nib *a'* when the shutter is opened.

The operation is as follows: As the shutter is closed the plate B strikes the pin *h*, and is moved so as to throw the nib *a* over the said pin. When the shutter is opened the nib *a'* is made to engage with a hook that projects from the side of the building in a similar way. The plate B not only moves the button A, but it also limits its motion as it strikes the sides of the screw *b*.

The pin *h* and the screw *b*, upon which the button A swings, are arranged in relation to each other so that a line drawn through their centers when the shutter is closed will form an angle of forty-five degrees with the line of the shutter-rail. By means of this arrangement the nib *a*, when thrown over the pin *h*, clamps the pin in such a manner between it and the plate B that the shutter cannot be moved without releasing the fastening.

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

The button A, having the sector-shaped portion *f*, the nibs or catches *a a'* on opposite ends, projecting from the same side, provided with the pin *h*, and pivoted as described, in combination with the plate B, having the slot for receiving the screw *b* and pin *d*, substantially as and for the purpose herein set forth.

GEORGE W. MUDGETT.

Witnesses:

V. RIPLEY,
S. C. SMITH.