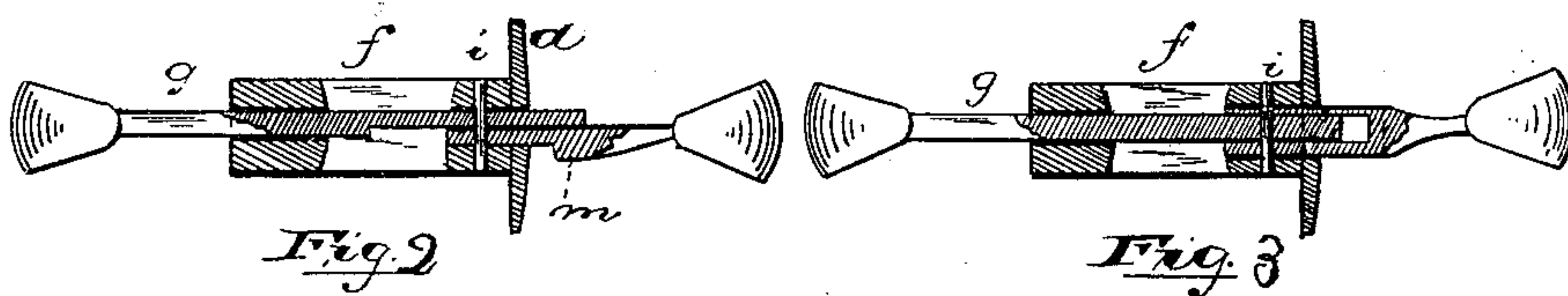
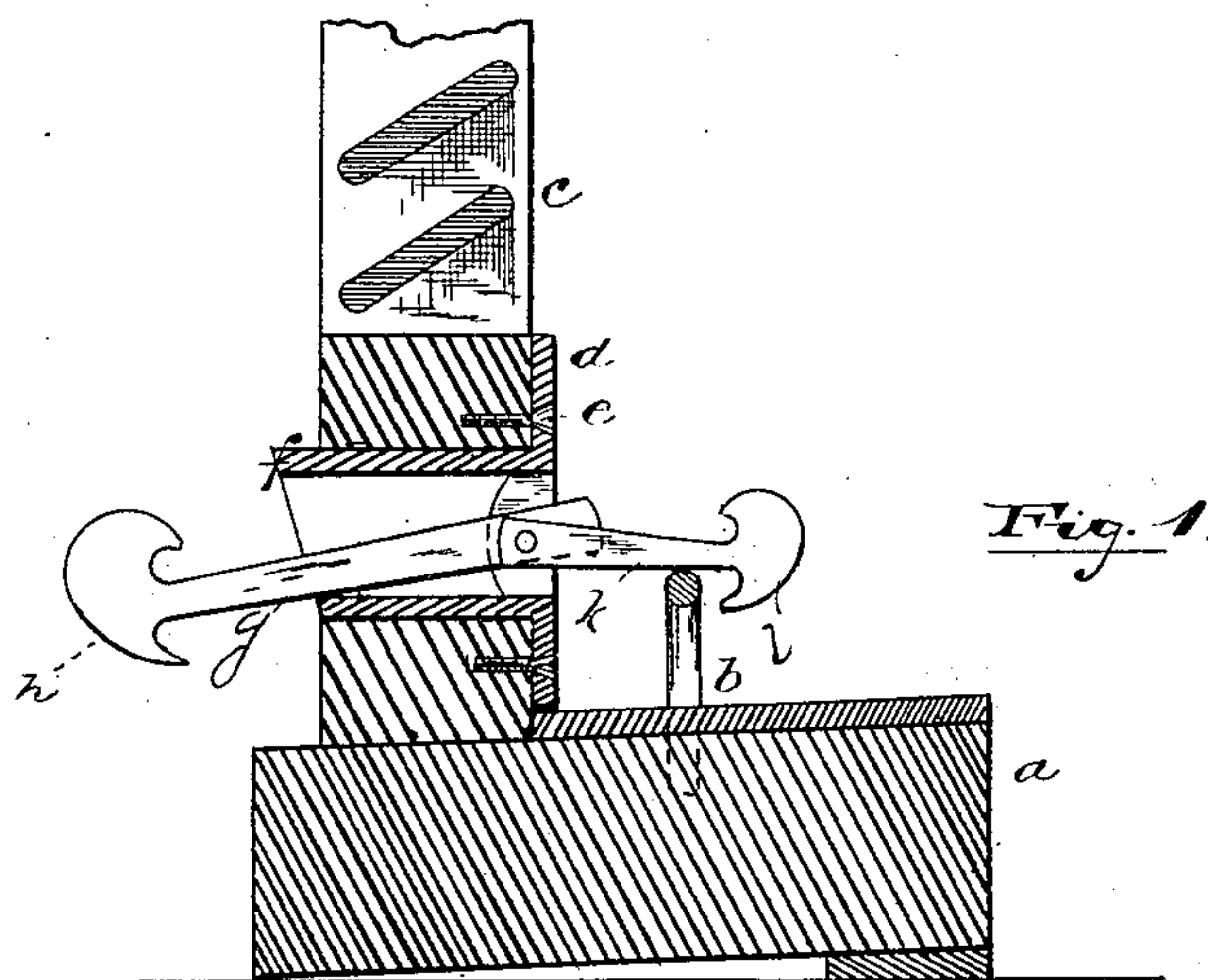


(No Model.)

J. W. KOHN.  
SHUTTER FASTENER.

No. 336,054.

Patented Feb. 9, 1886.



*Attest:*

*Inventor:*

*B. L. McVulley.*

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*attys.*

# UNITED STATES PATENT OFFICE.

JACOB WILLIAM KOHN, OF NEWARK, NEW JERSEY.

## SHUTTER-FASTENER.

SPECIFICATION forming part of Letters Patent No. 336,054, dated February 9, 1886.

Application filed May 7, 1885. Serial No. 164,658. (No model.)

*To all whom it may concern:*

Be it known that I, JACOB WILLIAM KOHN, a citizen of the United States, residing at Newark, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Catches for Shutters and Blinds; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

The object of this invention is to secure by more simple and cheaply-constructed mechanism a shutter or blind of a window to the sill and to the outside of the house, to prevent the said blind being opened from the outside, to reduce the cost of construction, and to secure a more positive operation of the movable parts.

The invention consists in the arrangements and combinations of parts substantially as will be hereinafter set forth, and finally embodied in the clause of the claim.

Referring to the accompanying drawings, in which like letters indicate corresponding parts in each of the figures, Figure 1 is a vertical section of my device applied to a window blind or shutter; and Figs. 2 and 3 are horizontal sections, the latter showing a slight modification.

In said drawings, *a* indicates the sill, having an ordinary staple or catch, *b*. *c* indicates the shutter or blind, and *d* a plate secured to said blind by screws *e e*, or by other means. Said plate is provided with an extension, *f*, in which a gravity hook or catch, *g*, is fulcrumed, said catch being provided at the outer end with an incline or bevel, *h*, by which the weighted hook when it engages the co-operating catch on the outside of the hook is caused to rise so as to drop automatically into holding engagement with said co-operating catch. The opposite extremity of the fulcrumed catch projects through the inner side of the shutter or the plate *d*, and provides a finger-piece, whereby the catch

may be disengaged from the outer house-catch at the side of the catch *g*, and fulcrumed on the same pin, *i*, therewith is arranged a second gravity catch, *k*, to engage the sill-catch *b*.

By arranging the two levers upon the pin in the manner shown I am enabled to get a positive pivotal movement in each part, while at the same time the operations of the two levers are entirely independent of one another, the action of one lever not being in the least affected by the other. Said catch *k* is also provided with an incline, *l*, and engages the staple *b* in a manner similar to that described in referring to the first gravity catch, hook, or pawl.

The catch *k* is provided with a stop projection, *m*, which limits the fall of the same, causing the weighted head of the catch to be held out so as to properly engage the staple.

It will be observed that because of the independent action of the two gravity-catches the outer catch may be manipulated from the inner side of the shutter and that the inner catch can be operated from the same side only, so that when the shutter closes and the said inner catch enters automatically into holding engagement with the sill-catch the said inner catch cannot be unlocked from the outside.

The weights at the ends of the levers, by means of which the hooks catch automatically, are of peculiar construction and perform a double service. These project laterally from the sides of the levers, as shown in Figs. 2 and 3, and not only give such added weight to the levers as to secure a certain and quick gravitation of the hook, but also provide finger projections for the thumb and forefinger of increased convenience.

The extension *f* is provided with smooth sides to allow the same to be inserted by a straight thrust into the mortise or hole in the shutter, thus doing away with the danger of splitting the shutter occasioned by the use of the ordinary cast-screw extensions. The outer end of the extension is beveled, or the upper edge projects, as in Fig. 1, by means of which projection water is prevented from falling into



the interior chamber of the extension, and, freezing, obstructing the proper operation of the levers.

Having thus described my invention, what  
5 I claim as new is—

The improved shutter fastener herein described, combining therein a shutter-plate, a lever, *g*, extending through said plate and providing an outer catch at one end and a  
10 finger-piece at the other, a second catch, *k*, extending to project from the inner side of

the shutter, and a pivotal pin, *i*, fastened in said plate and extending through and holding both of said parts *g* and *k* in their respective positions.

In testimony that I claim the foregoing I  
have hereunto set my hand this 27th day of  
April, 1885.

JACOB WILLIAM KOHN.

Witnesses:

CHARLES H. PELL,  
FREDK. F. CAMPBELL.