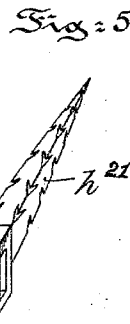
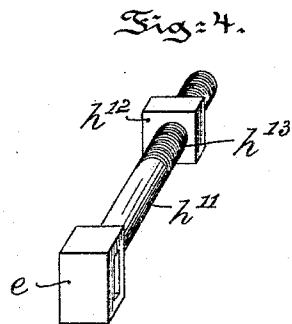
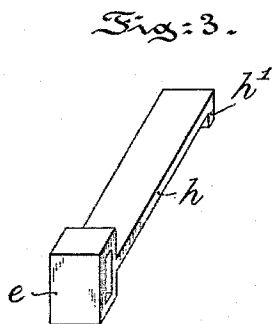
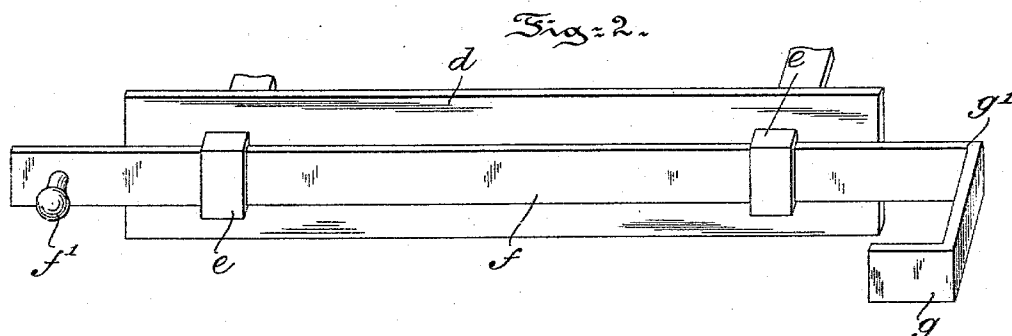
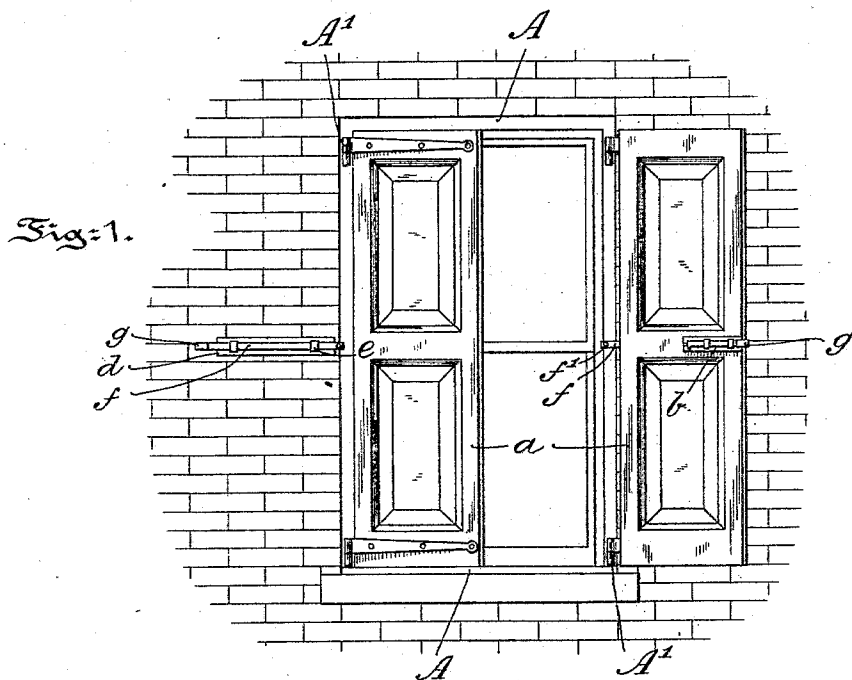


(No Model.)

R. A. W. OESTMANN
SHUTTER FASTENER.

No. 569,724.

Patented Oct. 20, 1896.



Witnesses:
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UNITED STATES PATENT OFFICE.

RUDOLPH A. W. OESTMANN, OF PHILADELPHIA, PENNSYLVANIA.

SHUTTER-FASTENER.

SPECIFICATION forming part of Letters Patent No. 569,724, dated October 20, 1896.

Application filed March 25, 1896. Serial No. 584,746. (No model.)

To all whom it may concern:

Be it known that I, RUDOLPH A. W. OESTMANN, a citizen of the United States, residing at Philadelphia, (Germantown,) in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Shutter and Blind Fasteners, of which the following is a specification.

My invention has relation to a bolt or fastening adapted to be attached to the wall of a building to secure window blinds and shutters in open position, and in such connection it relates particularly to the construction and arrangement of such a bolt or fastening for said purposes.

The principal objects of my invention are, first, to provide a simple, cheap, and durable bolt or fastening adapted to be secured to the wall of a building on either or both sides of a window-frame and adapted, when operated, to secure the shutters or blinds in an open position to the building, and, second, to provide a shutter fastener or bolt consisting of a plate adapted to be secured to the wall of a building and with a bolt slidable in suitable eyes in said plate and provided at its outer end with a hook-shaped projection adapted to fit over the outer edge of the shutter at any point in the vertical plane of the same to lock the shutter in an open position to the building and against disengagement by wind or other similar causes.

My invention, stated in general terms, consists of an outside shutter fastener or bolt constructed and arranged in substantially the manner hereinafter described and claimed.

The nature and scope of my invention will be more fully understood from the following description, taken in connection with the accompanying drawings, forming part hereof, and in which—

Figure 1 is a front elevational view of a window, its shutters, and the outside fastener or bolt embodying main features of my invention, one of said shutters being shown closed and the other open to clearly illustrate the positions in application of the outside fastener or bolt of my said invention. Fig. 2 is a perspective view, enlarged, of the fastener or bolt detached from the building; and Figs. 3, 4, and 5 are respectively perspective views of various forms of bolt-eyes adapted to be

employed in connection with the plate of the bolt secured to the building and which eyes serve as a guide for the bolt in its movement in the plate.

Referring to the drawings, A represents the outside casing or frame of a window, to either side of which is hinged, as at A', a window shutter or blind *a*, provided, if desired, with the usual inside bolt *b*.

To the outside of the building and on either side of the casing A is secured a plate *d*, provided with eyes or guides *e* for the reception of a bolt *f*. This bolt *f* is of a length approximately the same as the width of the window-shutter *a*, and the plate *d*, in which it slides, is by preference located on the building at a point corresponding to the distance midway between the top and bottom of the shutter; but it may be placed at any other position thereof and equally good results be obtained.

When the inside bolt *b* is employed, the outside bolt *f* is preferably arranged directly in line with said bolt *b*. The inner end of the bolt *f*, which is located at or near the casing A, is provided with a knob or pin *f'*, by means of which the bolt may be slid on the plate through the eyes *e*. The outer end of the bolt *f* is formed into a hook *g*, preferably square and formed by first bending the bolt at right angles to itself, as at *g'*, and then backward in a plane parallel with the body of the bolt. The width of this hook *g* in all cases should correspond with that of the edge of the shutter, and where the bolt *f* is arranged in alinement with the inside bolt *b* the width of the hook *g* is made to correspond in thickness with that of the shutter edge and bolt *b* combined.

In Figs. 3, 4, and 5 are illustrated various forms of eyebolts adapted to secure the plate *d* to the building. In Fig. 3 the eyebolt is adapted to secure the plate to a brick structure, and the eye *e* is formed at one end of a flat bolt *h*, having a projection *h'* at its other end. The length of the bolt *h* corresponds with the width of one or more bricks, so that said eye *e*, the plate *d*, and flat bolt *h* may be built directly into the wall, the projection *h'* preventing the removal of the bolt *h* after being bricked in. In Fig. 4 the eyebolt is adapted to secure the plate *d* to an iron or metal wall. In this instance a hole is drilled

in the metal wall and the bolt h^{11} of the eye e is passed through the same. By advancing a nut h^{12} on the screw-threaded end h^{13} thereof the eyebolt and plate d are securely clamped 5 to the metal wall. In Fig. 5 the eye e is formed at the end of a roughened or notched spike h^{21} , and this form is designed for use on old buildings of brick and stone or new and old buildings of wood.

10 The operation of the bolt is as follows:

When it is desired to close the shutter a , the bolts f are pushed on their plates d , by means of the buttons or pins f' , outward or away from the sides of the window-casing until the hook 15 g clears the outer edge of the shutter. To secure the shutters back against the sides of the building, the shutters are opened as wide as possible and the bolts f are then pulled or drawn, by means of their buttons or pins f' , 20 inward toward the window-casing and until the hook g engages the outer edge of each shutter. In this position the shutter will be held firmly in its open position against the influence of wind or other causes, such as 25 rattling, slamming, and many other annoyances which hitherto could not be avoided in the employment of the old type of turnbuckles or the like as securing means for shutters or blinds.

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

1. A fastening for window-shutters or the like, comprising a plate adapted to be secured 35 to the wall of a building adjacent to a window-casing, a bolt adapted to be slid longitudinally

in said plate without lateral movement, a substantially rectangular hook formed at one end only of said bolt and adapted to inclose the edge of a window-shutter to thereby secure 40 the same when the shutter is opened, substantially as and for the purposes described.

2. A fastening for window-shutters or the like, comprising a plate, eyebolts adapted to secure the plate to the wall of a building adjacent to a window-casing, a bolt adapted to 45 be slid longitudinally in said eyebolts and having a substantially rectangular hook formed at one end thereof and adapted to inclose the edge of a window-shutter to secure the same 50 to the wall when the shutter is opened and a knob or pin secured to the other end of said bolt for sliding the same, substantially as described.

3. A fastening for window-shutters or the like, comprising a bolt and a support therefor 55 located adjacent to a window-casing, said bolt having one end accessible from the hinged edge of a shutter, means for sliding said bolt longitudinally in its support without lateral 60 movement therein, and a substantially rectangular hook formed at one end of said bolt and adapted to inclose the outer edge of the shutter when in open position, substantially 65 as and for the purposes described.

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

RUDOLPH A. W. OESTMANN.

Witnesses:

J. WALTER DOUGLASS,
THOMAS M. SMITH.