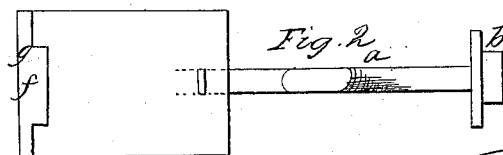
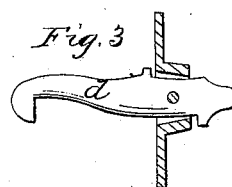
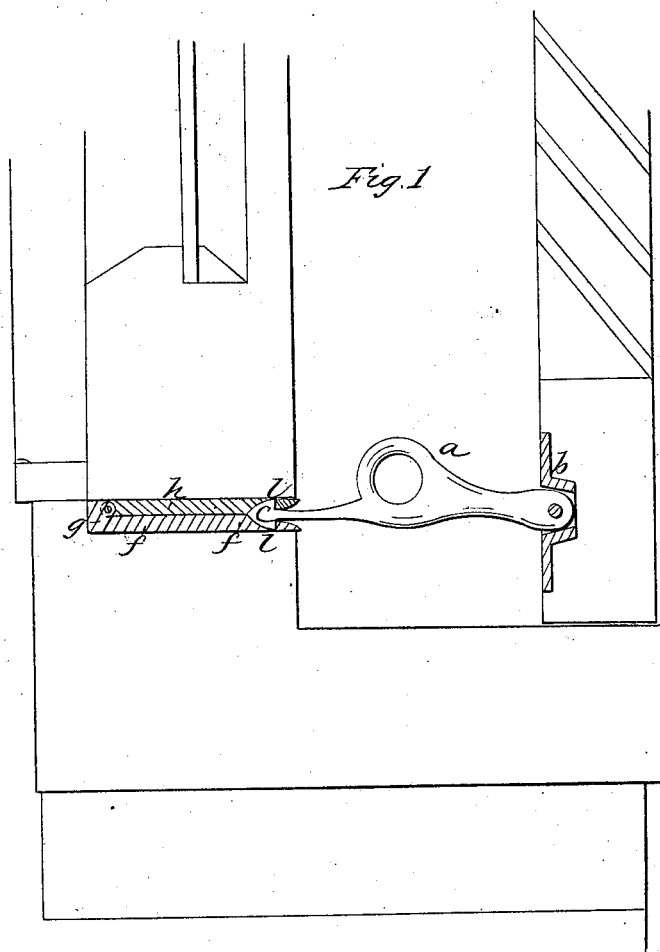


C. A. Palmer,
Shutter Fastener.

N^o 52,442.

Patented Feb. 6, 1866.



Witnesses:

Wm. B. Livingston
Quater District

Inventor:

Chas. A. Palmer
B. Munnell
att_y

UNITED STATES PATENT OFFICE.

CHARLES A. PALMER, OF NEWBURG, NEW YORK.

IMPROVEMENT IN BLIND-FASTENINGS.

Specification forming part of Letters Patent No. 52,442, dated February 6, 1866.

To all whom it may concern:

Be it known that I, CHARLES A. PALMER, of Newburg, in the county of Orange and State of New York, have invented a new and Improved Fastening for Window-Blinds; 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.

The present invention relates to a new and improved fastening for window-blinds, the object of which is to prevent the blinds from being opened upon the outside when closed; and it consists in inserting within that portion of the sill of the window-frame against which the lower rail of the sash-frame comes in contact when the window is shut, and below its surface, a staple of such a shape, for the hook upon the blind to interlock with, that when the blind is closed and its hook-fastening interlocked therewith, and the window closed and locked, it will be impossible to unfasten the blind except the window be first unlocked and sufficiently raised to allow the hook to be disengaged from said staple, as will be more fully explained in the following detail description, reference being had to the accompanying plate of drawings, of which—

Figure 1 is a view showing my improved blind-fastening as applied to a window-sill in connection with a window, its sill, and blind in red. Fig. 2 is a plan or top view of the fastening detached or by itself, independent of the blind and window-sill; and Fig. 3 a detail view, to be hereinafter referred to.

This blind-fastening consists of a catch, *a*, hung by one end in the hollow socket-plate *b*, inserted within the lower rail of the blind, the outer end, *c*, of which is made a hook shape. This catch projects from the face of the blind which is upon the inside when the blind is closed, and from the outside face of the blind projects another catch-lever, *d*, similarly hung in the blind to the catch *a*, before referred to, the inner end of which is made of such a shape as to interlock with the inner end of the catch *a*, so that by raising or depressing either one of the catches, as the case may

be, the other catch will move in the opposite direction.

The catch *a* engages with the fixed staple, usually secured in the wall of the house, when the blind is open, and retains it there until disengaged therefrom by properly moving the catch *a*, as before explained. But in lieu of the ordinary staples employed upon the window-sills for the inside catch, *a*, to interlock with, I insert within the window-sill, and below its face, at the proper point, a metallic plate, *f*, which plate is there secured by screws or in any other manner. To the inner edge, *g*, of this plate I hinge another flat and similar-shaped plate, *h*, which plate, when closed down and upon the plate *g*, is flush, or nearly so, with the surface of the sill, a notch, *l*, being made in the contact-surfaces of each of the said plates, of the proper shape to receive the hook-shaped end of the catch *a*, and when pressure is applied to keep the plates closed upon one another retain the said hook therein, and thus prevent the blind from being moved, or, in other words, opened, until relieved. This pressure upon or retention of the plates together is secured by the shutting of the sash-frame thereon, the plates being inserted at the proper point of the window-sill therefore, so that, as is obvious, if the blind is closed and its catch inserted in and between the said plates, with the window shut and locked, it is impossible to move the blind until the window has been raised, the advantages and importance of which are manifest to all without any particular enumeration thereof herein.

A duplicate set of the sill-holding plates, of course, are to be used in each window, one to each blind, or one set may be made to answer for both blinds, and although the weight of the hinged plate would, under most circumstances, retain the blinds closed when the window is opened, it is obvious that, in order to render it perfectly secure, a button, for instance, might be hung upon the window-sill, which, by turning it over the hinged plate, would hold it firm in all cases, the sash-frame being cut away sufficiently to set over it when the window is closed.

What I claim as new, and desire to secure by Letters Patent, is—

The combination, with the hook-fastening catch *a* of a window-blind, of the holding-plates *f* and *h*, or their equivalents, inserted within the window-sill under the sash-frame, and arranged and operating substantially in the manner described, and for the purpose specified.

The above specification of my invention signed by me this 21st day of September, 1865.

CHAS. A. PALMER.

Witnesses:

ALBERT W. BROWN,
M. M. LIVINGSTON.