

(No Model.)

C. L. WALTERS.
SHUTTER FASTENER.

No. 482,111.

Patented Sept. 6, 1892.

Fig. 1.

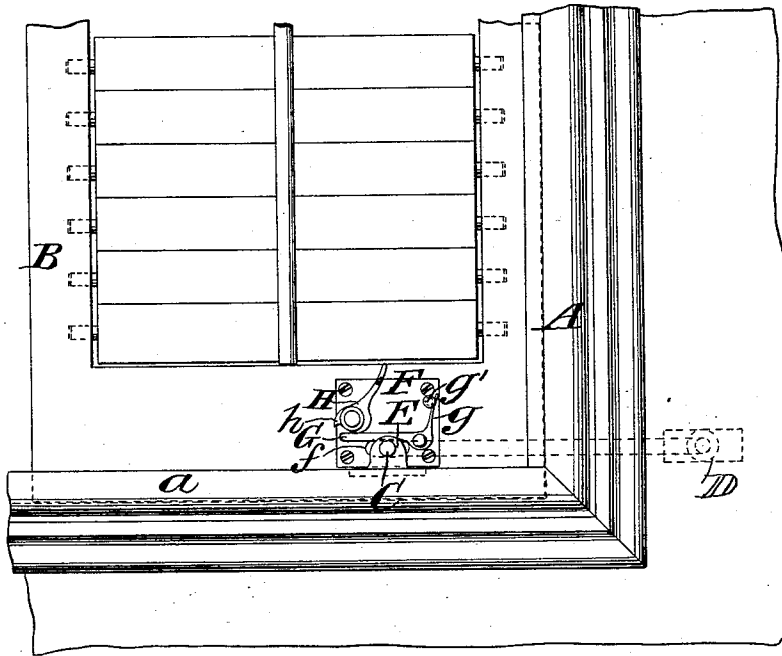
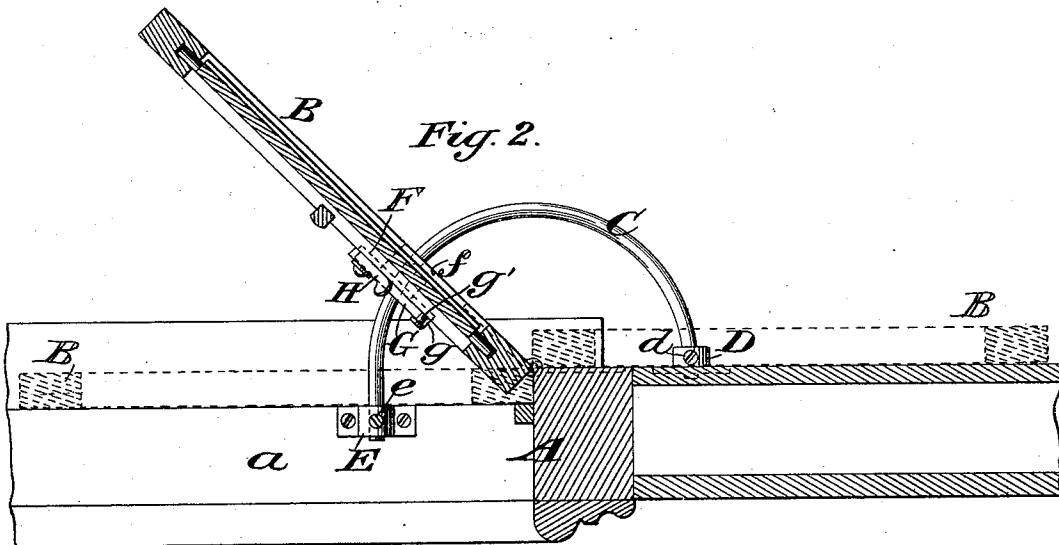


Fig. 2.



Witnesses:

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SHUTTER-FASTENER.

SPECIFICATION forming part of Letters Patent No. 482,111, dated September 6, 1892.

Application filed May 20, 1892. Serial No. 433,693. (No model.)

To all whom it may concern:

Be it known that I, CHARLES L. WALTERS, of Seabright, in the county of Monmouth and State of New Jersey, have invented a new and useful Improvement in Blind Fasteners and Adjusters, of which the following is a specification.

My invention consists of an improved blind fastener and adjuster which will securely lock the blind at any desired angle to its support, will prevent any rattling of the parts, and will make it impossible for the blind to become unhinged by heavy winds or other causes. I also provide such a construction that the curved bar may be easily and quickly adjusted so as to be made substantially concentric with the hinged connection between the blind and its support.

A practical embodiment of my invention is represented in the accompanying drawings, in which—

Figure 1 is an interior view of a portion of a blind and window-casing, showing my fastener and adjuster secured thereto, the blind being represented as fastened in its closed position; and Fig. 2 is a top view of the fastener and adjuster, showing the blind and window-casing in section, the blind being secured at an angle from the casing.

A designates the side of the window-casing, and *a* the sill.

B is the blind, and it is hinged at one side to the casing A, as is usual.

C is a curved bar or rod of any suitable shape in cross-section, and it is adjustably secured at one end in a socket-piece D, which is fastened to the outside of the building or window-casing in any suitable manner. The other end of the curved bar C is adjustably secured in a socket-piece E, which is fastened to the sill *a* of the window-casing. In the present instance the rod C is shown as secured in the socket-pieces D and E by means of screws *d* and *e*. This curved bar is semi-circular and is adjusted in the sockets D and E, so as to be substantially concentric with the pivots of the hinges upon which the blind B swings whether the hinges are spaced a greater or less distance from the casing.

A plate F is secured to the inner face of the lower cross-piece of the blind B. A horizontally-elongated slot *f* is formed in the plate F and blind B, through which passes the curved bar C. The object of forming this

slot elongated is to allow the blind to swing freely back and forth without binding upon the rod C if the rod has not been adjusted so as to be exactly concentric with the pivots of the blind-hinges. After the rod C has been passed through the slot *f* and secured in the socket-pieces D and E it is impossible to unhinge the blind, it being held from any vertical movement by the said rod.

The means I employ to secure the blind at any desired angle in relation to the support is as follows: A lever G is pivoted to the plate F in position to press upon the curved rod C when forced down by a cam-lever H. The lever G is held normally away from the rod C by means of a spring-arm *g*, which abuts against a stop *g'* on the plate. The cam-lever H is provided with a projection *h*, which rests against the end of the lever G when the cam-lever is in its raised or open position.

When it is desired to lock the blind, the cam-lever H is depressed and the cam thereon engages the top of the lever G and forces it down upon the rod C. When the blind is locked in its closed position, as all the securing mechanism and one of the socket-pieces are on the inside of the blind it is impossible to open the blind from the outside. By this invention the rod C may be made without indentations or recesses thereon, and therefore much stronger and simpler than heretofore, and yet the blind may be securely fastened at any desired angle.

It is evident that slight changes might be resorted to in the construction and arrangement of the several parts without departing from the spirit and scope of my invention. Hence I do not wish to limit myself to the exact construction herein shown; but

What I claim is—

In combination, a support, a blind hinged to the support, a plate upon the blind, said blind and plate having an elongated slot therein, a curved bar passing through said slot and adjustably secured at both sides of the hinged connection between the blind and the support, and means for securing the blind to the bar at different angles, substantially as set forth.

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Witnesses:

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