

(No Model.)

E. G. BROWER.
SHUTTER FASTENER, &c.

No. 455,735.

Patented July 14, 1891.

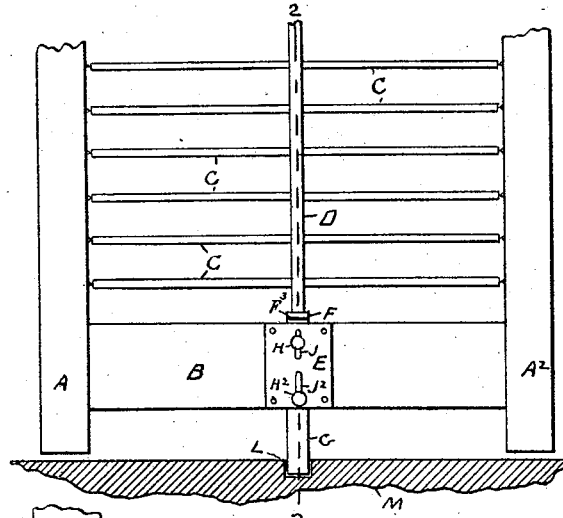


FIG. 1.

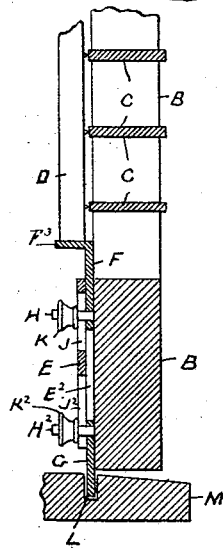


FIG. 2.

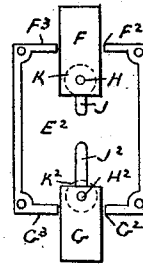


FIG. 3.

WITNESSES.
Adelbert F. Hamock
Francis M. Brown.

INVENTOR.
Edwin S. Brower
by his Attorneys
Brown Bros.

UNITED STATES PATENT OFFICE.

EDWIN G. BROWER, OF BOSTON, MASSACHUSETTS.

SHUTTER-FASTENER, &c.

SPECIFICATION forming part of Letters Patent No. 455,735, dated July 14, 1891.

Application filed December 3, 1890. Serial No. 373,490. (No model.)

To all whom it may concern:

Be it known that I, EDWIN G. BROWER, a citizen of the United States of America, and a resident of the city of Boston, in the county of Suffolk and State of Massachusetts, have invented a certain new and useful Improved Fastener for Blinds, &c, of which the following is a full, clear, and exact description.

This invention relates to a fastener attachment for blinds, having slats adapted, as well known, to be opened and closed by means of an operating-rod common to each set of slats embraced by the blind.

The attachment consists of a plate or frame suitable for attachment to a cross-rail of the blind-frame and having two independent slide-bolts adapted to be fixed in any desirable position of adjustment, one for bearing against an end of the operating-rod of the slats and the other for engagement with the sill of the window-frame, substantially as hereinafter described.

In the drawings forming part of this specification, Figure 1 is a face view of the lower portion of a blind and of the attachment of this invention, all on a reduced scale. Fig. 2 is a vertical section, line 2 2, Fig. 1. Fig. 3 is a face view of the rear face of the attachment of Figs. 1 and 2, but detached from the blind.

In the drawings, A A² are the vertical side rails.

B is the lower cross-rail.

C C are the moving slats, and D is their operating-rod, all as well known and needing no particular description herein.

E is a plate having a recess or depression E² in its rear face, and F G are two slide-bolts lying within and each arranged to be moved in said recess forward and backward and through guideways F² G² at opposite sides F³ G³ of the plate, and which sides, with the plate fastened on the lower cross-rail of the blind, are the upper and lower edges of the plate.

Each slide-bolt has a screw-threaded projection H H², each passing loosely through a separate slot J J² therefor of the plate and provided with a thumb-screw-threaded nut K K² at its outer portion. The upper slide-bolt F at its upper end has a horizontal extension or step F⁴ in position for a rest on it of the lower end of the slat-operating rod D. The step F⁴ of the slide-bolt F makes a rest for the slat-rod D in whatever position said rod may be placed, according as the slats are more or less opened or closed, and in any of its positions of rest for the rod it is secured against movement by tightening up the thumb-nut of its said bolt, which fastens said bolt to the plate E and confines said rod against downward movement. The lower slide-bolt G is for engagement with a socket L of the window-sill M, and it is shown in engagement and secured by the screw-nut, and thus the blind is fastened closed.

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

The combination, with a blind having opening and closing slats C C² and an operating-rod D for said slats, of a plate E, held on the lower blind-rail B, a vertical slide-bolt G, held on said plate and at its lower end to engage the window-sill suitably adapted therefor, a vertical slide-bolt F, held on said plate and at its upper end having a horizontally-projected step or rest F⁴ for the lower end of said slat-rod D, and means held on said bolt F and adapted to fasten it to and unfasten it from said plate E, as described, for the purposes specified.

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

EDWIN G. BROWER.

Witnesses:

ANNIE D. BROWER,
ALBERT W. BROWN.