

(No Model.)

J. C. STEVENS.
BLIND SLAT FASTENER.

No. 511,000.

Patented Dec. 19, 1893.

Fig. 1

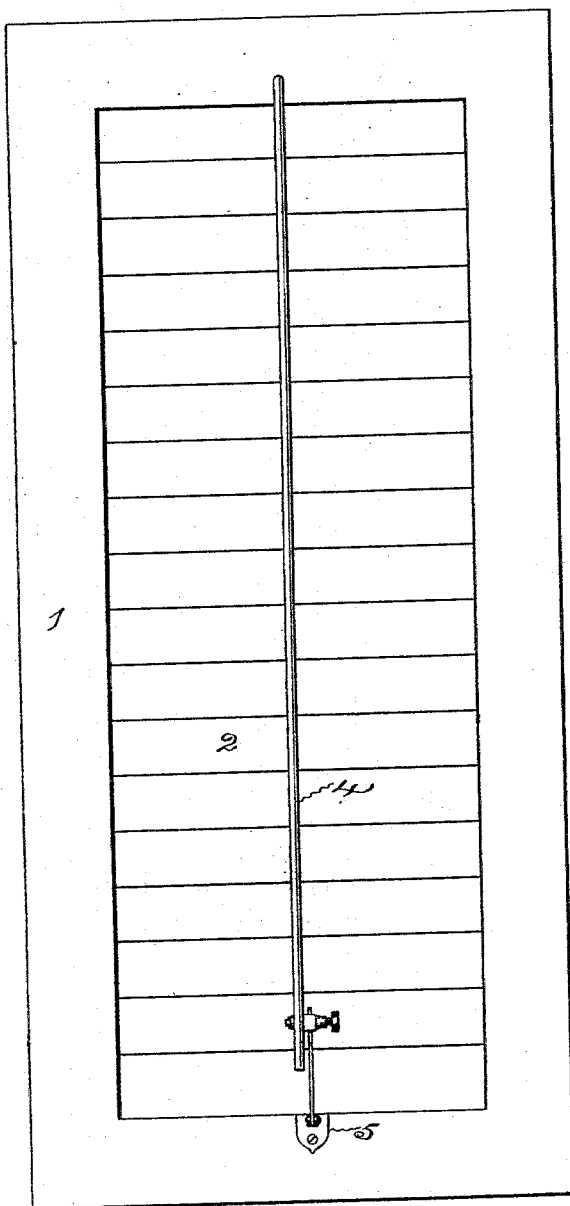


Fig. 3

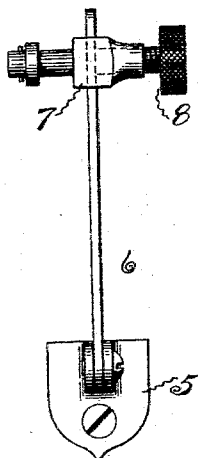
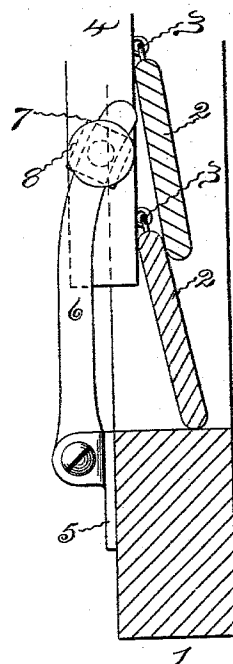


Fig. 2



Witnesses:

C. Buckland
P. A. Phelps.

Inventor:

John C. Stevens
Atty.

UNITED STATES PATENT OFFICE.

JOHN C. STEVENS, OF HARTFORD, CONNECTICUT, ASSIGNOR, BY MESNE ASSIGNMENTS, TO CONSTANT L. TUTTLE AND ALBERT E. MATHER, OF SAME PLACE.

BLIND-SLAT FASTENER.

SPECIFICATION forming part of Letters Patent No. 511,000, dated December 19, 1893.

Application filed February 4, 1893. Serial No. 460,991. (No model.)

To all whom it may concern:

Be it known that I, JOHN C. STEVENS, a citizen of the United States, residing at Hartford, in the county of Hartford and State of Connecticut, have invented certain new and useful Improvements in Blind-Slat Fasteners, of which the following is a full, clear, and exact specification.

The invention relates to the class of devices attached to a window blind for adjusting and locking the slats, the object being to provide a simple, cheap and inconspicuous device which may be attached to the frame of any shutter, and easily and quickly operated for locking the slats from movement or rattling, in any position, either open or closed.

Referring to the accompanying drawings:— Figure 1 is a view of a shutter provided with the improvement. Fig. 2 is an enlarged view of the fastener, showing a portion of the frame and slats in section, and Fig. 3 is a face view of the fastener.

In the views, 1 indicates the frame of a shutter of any common form and construction, having the customary shape of oblique overlaid slats, 2, that are connected by means of staples, 3, with the usual rod, 4. Fastened, preferably by means of a screw, to the inner face of the shutter is a small metallic plate, 5, and pivoted between ears projecting from this plate is a thin bar, 6, the free end of which is preferably slightly curved. Swiveled to the rod, 4, adjacent to the end of the bar, 6, is a metallic block, 7, having a perforation of a size and shape that will receive the end of the bar. A threaded opening is made through one side of this bar from the exterior to the perforation and at an angle thereto, and in this opening a set screw, 8, is so threaded that it can be screwed against the bar and prevent its free movement through the opening in the block. The block is pref-

erably swiveled to the slat rod by passing its rounded shank through a simple circular perforation in the rod and securing a washer on the end by means of a pin.

The device is simple, cheap and can be readily applied to any shutter in an inconspicuous manner. The bar oscillates freely on its pivot attached to the base plate and has a free movement through the loose block attached to the slat rod when the set screw is loosened, so that the rod may be moved to any position necessary to open or close the slats to the desired degree. When the slats are adjusted a slight turning of the set screw secures the bar and holds the rod so that the slats cannot be moved either to open or close, or to shake and rattle, and of course, when the screw is set with the slats closed they cannot be opened from the outside so as to permit fingers to be run between them to unhook the shutters.

I claim as my invention—

The combination of a shutter frame having oscillating slats connected by means of a rod; a plate secured to the frame; a curved solid bar hinged to the plate; a block with a rectangular perforation the size of the cross-sectional area of the bar which passes through it; a hub projecting from each side of the block, one hub forming the pivot of the block and passing through a perforation in the slat connecting-rod, and the other having a threaded socket opening into the mortise; and a set screw which turns in the socket from one side of the hub so that it can bind the bar against the walls of the perforation through the block and hold the bar in position, substantially as specified.

JOHN C. STEVENS.

Witnesses:

H. R. WILLIAMS,
C. E. BUCKLAND.