(No Model.)

S. E. PURDUM.

BLIND STOP.

No. 497,685. Patented May 16, 1893.

Fig. 1.

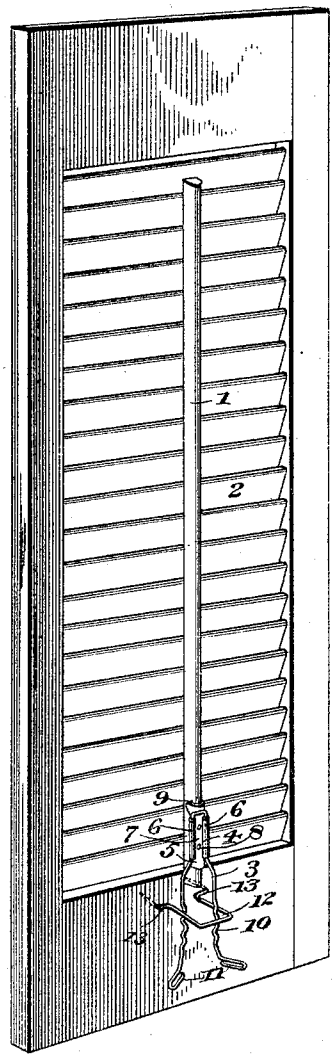
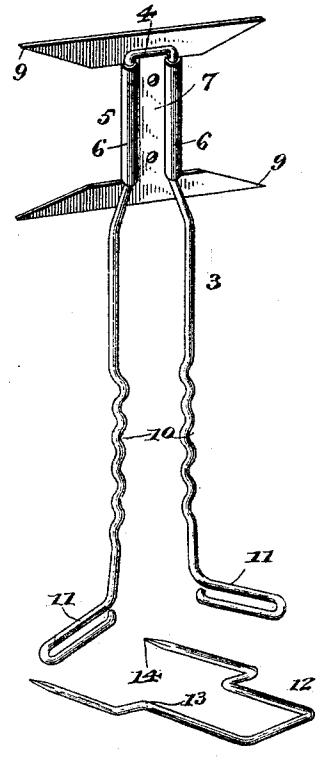


Fig. 2.



Witnesses
B. S. Ober.
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Inventor
Samuel E. Purdum,
By his Attorneys,
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UNITED STATES PATENT OFFICE.

SAMUEL E. PURDUM, OF MACOMB, ILLINOIS.

BLIND-STOP.

SPECIFICATION forming part of Letters Patent No. 497,685, dated May 16, 1893.

Application filed January 26, 1893. Serial No. 459,814. (No model.)

To all whom it may concern:

Be it known that I, SAMUEL E. PURDUM, a citizen of the United States, residing at Macomb, in the county of McDonough and State of Illinois, have invented a new and useful Blind-Slat Lock, of which the following is a specification.

This invention relates to attachments for window shutters, and has for its object to provide means in connection with the slat rail whereby the latter may be sustained in its adjusted position to hold the slats at different angles of adjustment; and with this object in view the invention consists of the construction and arrangement of the parts as will be more fully hereinafter described and claimed.

In the drawings: Figure 1 is a perspective view of a shutter, showing the improved device applied in connection therewith. Fig. 2 is a similar view, showing the improved attachment disconnected and separated, and on a larger scale.

Similar numerals of reference indicate corresponding parts in the several figures of the drawings.

Referring to the drawings, the numeral 1 designates a slat rail, that is pivotally connected to the slats 2, in a well-known manner. To the slat rail is secured the upper end of an elongated spring-wire loop 3, that has its upper end 4 contracted and attached to a securing-plate 5, having portions 6 thereof bent over said upper contracted end. The said plate 5 consists of a central web 7, that is adapted to be secured by means of bolts or rivets 8, to the slat rail, and at its ends is formed with legs 9 that are pointed and bent inward and embedded in the said slat rail to form an additional means of securement. The legs of the loop 3, below the upper contracted end thereof, are spread at a greater distance apart and bent into serpentine form, as at 10, to provide a series of corrugations that may extend any suitable length of the legs of the loop 3, and at the lower end the said legs of the loop are turned into smaller loops 11, that may be positioned at any angle to the said legs, either in straight or curved lines, and of a suitable size, to serve as engaging finger-pieces to contract the legs of the loop 3 and also as limitations or stops.

To the bottom cross-rail of the shutter is secured a staple 12, of substantially U-shaped form, having the legs terminating in pointed ends, as at 14, and in advance of the said ends the said legs are formed with inward bends 13, and said legs are adapted to be engaged by the corrugations provided by the serpentine bending 10 of the legs of the loop 3, and thereby form a lock to hold the said legs of the loop 3 in adjusted position in connection with the said staple 12. The lower looped ends 11 of the legs of the loop 3 bear against the staple 12 to prevent separation of the loop 3 therefrom, and the said staple sets at such a distance from the lower cross-rail or bar of the shutter as to compensate for the outward swing of the slat rail. The loop 3 will be made of suitable steel wire of a proper size. It will be understood that the operation of adjusting the legs of the loop 3 will be accomplished by pressing the same inward toward each other to release the same, after which they will readily spring outward through the medium of their inherent resiliency and automatically engage the legs of the said staple 12 to hold them in adjusted position.

The device is simple and effective in its construction and operation, convenient and useful, and can be quickly and readily applied in operative position.

Having described the invention, what is claimed as new is—

In combination with a slat rail, of a loop attached thereto and having spring-legs with corrugations therein, and stop-loops at the lower ends thereof that serve as finger-pieces, and a staple adapted to be secured to the cross-bar of the shutter below the slat rail and having inward bends in the legs thereof, said staple standing outward a sufficient distance from the cross-bar to compensate for the outward swing of the slat rail, substantially as described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

SAMUEL E. PURDUM.

Witnesses:

W. E. BENNIE,

JOHN KNIGT.