

(No Model.)

J. C. BYXBE.  
SLAT HOLDER AND ADJUSTER.

No. 579,530.

Patented Mar. 23, 1897.

Fig. 1.

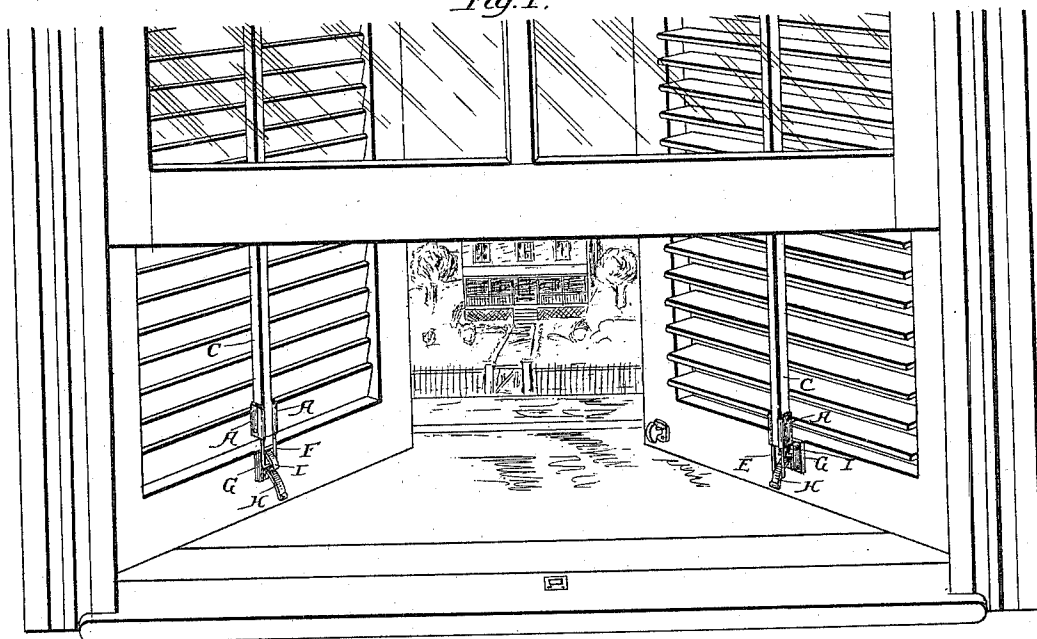


Fig. 2.

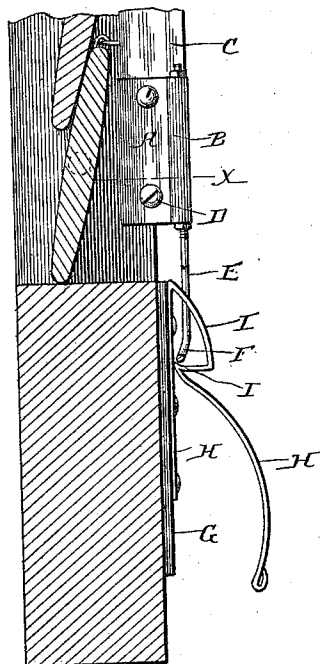
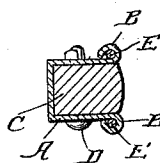


Fig. 3.



Witnesses:

H. B. Hallock.  
A. Williamson

Inventor:  
John C. Byxbe.  
By Geo H. Holgate  
By his Attorney

# UNITED STATES PATENT OFFICE.

JOHN C. BYXBE, OF PENSACOLA, FLORIDA.

## SLAT HOLDER AND ADJUSTER.

SPECIFICATION forming part of Letters Patent No. 579,530, dated March 23, 1897.

Application filed June 22, 1896. Serial No. 596,473. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN C. BYXBE, a citizen of the United States, residing at Pensacola, in the county of Escambia and State of Florida, have invented certain new and useful Improvements in Slat Holders and Adjusters, of which the following is a specification.

My invention relates to a new and useful improvement in slat holders and adjusters for the slats of blinds, both inside and out, and has for its object to provide a device of this description by means of which the slats of a blind may be held in any adjustment and when closed may be there locked against interference from the outside.

With these ends in view my invention consists in the details of construction and combination of elements hereinafter set forth and then specifically designated by the claims.

In order that those skilled in the art to which this invention appertains may understand how to make and use the same, I will describe its construction and operation in detail, referring to the accompanying drawings, forming a part of this specification, in which—

Figure 1 is a perspective of a window, showing the two blinds thereof fitted with my improvement; Fig. 2, an enlarged section of a portion of one blind, illustrating the mode of applying my improvement to the connecting-rod of the slats; and Fig. 3, a detail section at the line *x* of Fig. 2.

In carrying out my invention I provide a small plate A, which is U shape in cross-section and provided with sockets B by the overturning of its outer edges, as clearly shown in Fig. 3, and this plate is bolted to the lower end of the connecting-rod C by suitable bolts D, or it may be otherwise secured to said rod. A yoke-wire E is secured within the sockets of the plate A and extends downward and has its lower ends turned slightly inward at F in order that it may more readily work in conjunction with the locking-spring, as herein-after set forth.

A plate G is secured by suitable screws to the lower rail of the blind and has in turn bolted thereto the inturned end of the locking-spring H, the outer section of which is so bent as to form the hook I, which is adapted

to engage the cross-section of the yoke-wire E by said yoke embracing the outer section of the locking-spring, as clearly shown.

The lower portion of the outer section of the locking-spring is curved, so that when the cross-section of the yoke-wire passes into contact with the under side thereof this portion of the locking-spring will bear against said section, thereby maintaining sufficient friction between the two surfaces to hold the slats of the blind in any position in which they may be adjusted. Thus it will be seen that to operate the slats of a blind when provided with my improvement it is only necessary to force the outer portion of the locking-spring outward sufficient to carry the hook out of contact with the cross-section of the yoke-wire, when the latter will be released and permitted to move downward and outward in unison with the parallel movement of the connecting-rod C, and the slats whenever released will be held against accidental displacement by the lower portion of the locking-spring, as clearly shown in the right-hand portion of Fig. 1. When the yoke-wire is again brought into engagement with the hook I by the closing of the slats, as clearly shown in the left-hand portion of Fig. 1 and in Fig. 2, said slats will be locked against interference from the outside and cannot be again opened until the locking-spring has been swung outward, as before described.

By the use of my improvement a great advantage is gained in that a series of slats may be so adjusted as to give plenty of ventilation without the liability of becoming displaced, and when it is essential that the slats be closed this is also accomplished and in such manner that they cannot be opened from the outside, the advantage of which will be readily recognized.

Having thus fully described my invention, what I claim as new and useful is—

1. In combination, a U-shaped plate secured to the connecting-bar of a blind, sockets formed with said plate by overturning the outer edges, a yoke-wire secured in the sockets of the plate having its lower end bent inward, a plate secured to the rail of a blind, a spring secured to the plate, said spring being bent downward and then inward to form a

hook, the point of said hook being bent upward said spring being lastly bent outward in a curve to form a handle, as and for the purpose described.

- 5 2. In combination, a yoke-wire attached to the connecting-rod of a blind, a spring secured to the lower rail of said blind, said spring being bent downward and then inward to form a hook, the point of said hook being

turned up, the spring being then curved outward, as and for the purpose described.

In testimony whereof I have hereunto affixed my signature in the presence of two subscribing witnesses.

JOHN C. BYXBE.

Witnesses:

S. S. WILLIAMSON,  
P. E. PETERSEN.