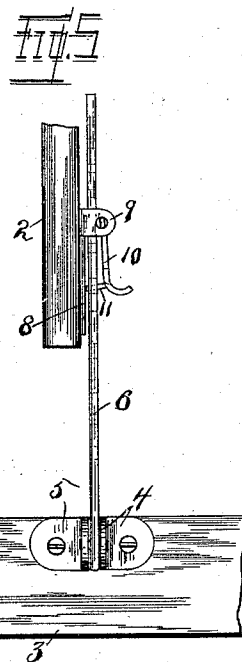
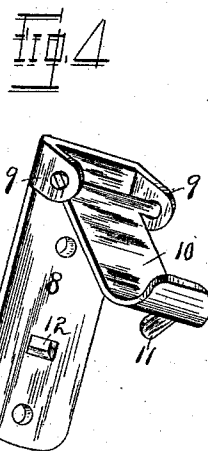
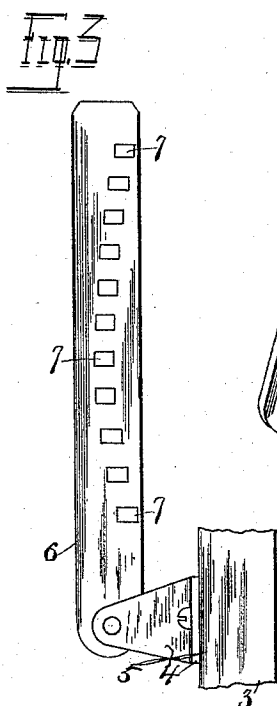
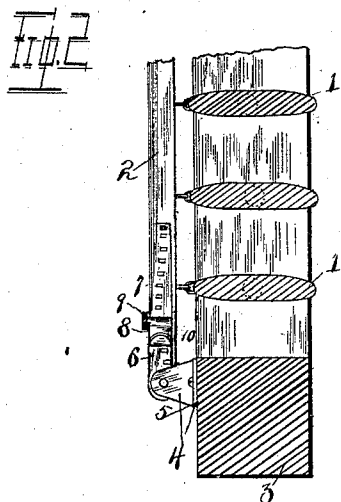
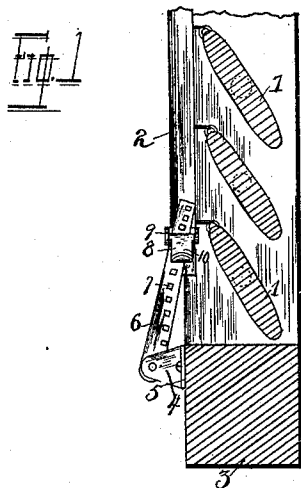


(No Model.)

J. WILSON.
BLIND STOP.

No. 474,891.

Patented May 17, 1892.



Witnesses

A. A. Eicks

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UNITED STATES PATENT OFFICE.

JAMES WILSON, OF COLUMBIA, MISSOURI.

BLIND-STOP.

SPECIFICATION forming part of Letters Patent No. 474,891, dated May 17, 1892.

Application filed September 21, 1891. Serial No. 406,385. (No model.)

To all whom it may concern:

Be it known that I, JAMES WILSON, of the city of Columbia, in the county of Boone and State of Missouri, have invented certain new and useful Improvements in Locks for Blind-Slat Rods, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part hereof.

My invention relates to improvements in locks for blind-slat rods; and it consists in the novel arrangement and combination of parts, as will be more fully hereinafter described, and designated in the claims.

In the drawings, Figure 1 is a vertical section of a window-blind with parts broken away, showing my invention applied thereto. Fig. 2 is a similar view, but showing the slats open. Fig. 3 is a side elevation of my invention. Fig. 4 is a perspective view of the sliding catch or lock which I employ in carrying out my invention; and Fig. 5 is a front elevation of my invention, especially showing the parts of the blind to which the same is attached.

I will describe the use and operation of my invention in connection with a mechanical description thereof.

Referring to the drawings, 1 indicates a series of blind-slats, and 2 the slat-operating rod, which is secured to the same in any suitable and mechanical manner.

3 indicates the transverse bottom cross-piece of the window-blind. Secured to said cross-piece in any suitable and mechanical manner are two right-angular brackets or braces 5, the same being provided with perforated ears 4. Pivotaly interposed between said perforated ears 4 is a bar 6, the same being provided with a series of perforations 7 out of alignment, or, that is, of unequal distances from the edge of said bar.

8 indicates a plate, the same being provided with perforated ears 9. Said plate 8 is secured to the slat-operating rod 2 in any suitable and mechanical manner and to the side of said rod, as illustrated in Figs. 1, 2, and 5. Mounted in the perforated ears 9 is a pivoted catch 10, provided with a project-

ing lug 11, the same adapted to fit in the perforation 7. The normal position of the bar 6 is between the plate 8 and the pivoted catch or lock 10, as illustrated in Figs. 2 and 5. It may be noted in this connection that the plate 8 is rigidly secured to the operating-rod 2 and moves vertically with the same—that is, in the operation of opening and closing the slats 1. The plate 8 is provided with a perforation 12, in which the end of the lug 11 may fit.

From the above description it can be readily perceived that the rod 2 may be held in any desired position (thus holding the slats 1 in any desired adjustment) by simply inserting the lug 11 in any of the perforations 7. It may be noted, also, that the space between the perforated ears 9 is sufficiently large to permit a rocking motion of the plate 8 and pivoted catch 10 as the same is moved upwardly and downwardly on the bars 6. (For illustration see Figs. 1 and 2.)

Having fully described my invention, what I claim is—

1. A blind-stop consisting of right-angular pieces or braces 4, secured to the lower cross-piece of the blind, a bar 6, pivotally mounted at its lower end between the same, perforations 7, formed in the said bar and out of alignment with the edge of the bar, and a plate adapted to be attached to the slat-operating rod, having mounted thereon a pivoted catch or lock 10 for engagement with the said perforations, substantially as set forth.

2. As a new article of manufacture, a lock for blind-slat rods, consisting of right-angular braces 4, provided with perforated ears 5, a bar 6, provided with a series of perforations 7, out of alignment, pivotally mounted between said ears, a plate 8, provided with perforated ears 9 and with a perforation 12, and a pivoted catch or lock 10, provided with a lug 11, substantially as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

JAMES WILSON.

Witnesses:

C. K. JONES,
ED. E. LONGAN.