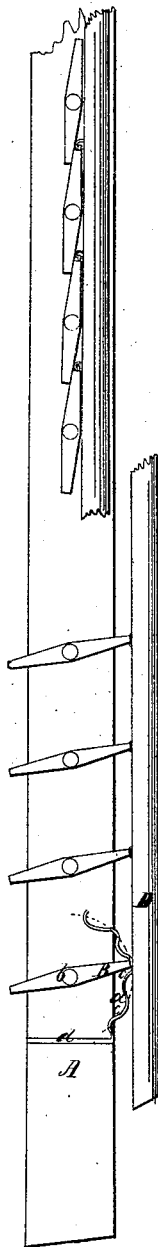


*G. J. Colby,
Blind Stop.*

N^o 48,908.

Patented July 25, 1865.



*Witnesses:
R. T. Marshall.
R. D. O. Smith*

*Inventor:
George J. Colby
by Attorney J. B. Woodruff*

UNITED STATES PATENT OFFICE.

GEORGE J. COLBY, OF WATERBURY, VERMONT.

IMPROVEMENT IN WINDOW-SHUTTERS.

Specification forming part of Letters Patent No. **48,908**, dated July 25, 1865.

To all whom it may concern:

Be it known that I, GEORGE J. COLBY, of the town of Waterbury, in the county of Washington, in the State of Vermont, have invented certain new and useful Improvements in the Mode of Holding in Position Movable Slats in Window-Shutters; and the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing, making a part of this specification, in which the figure represents a broken-off section through the edge view of a movable-slat blind-shutter.

The object of my invention is to hold movable slats in any desirable position—open or closed—when they move so easily that the wind will change them in their position.

My invention consists in attaching a curved corrugated spring to the shutter-frame, to bear on the edge of one of the slats, each concave of the spring forming a notch, so that whenever the slat is left in the corrugation the series of slats that are connected together by the moving rod will be held.

To enable others skilled in the art to make and use my invention, I will describe it more fully, referring to the drawing and to the letters marked thereon.

To either the top, middle, or bottom piece, A, of the frame of an ordinarily-constructed movable-slat window-shutter I attach a spring, a, it describing a circle whose center is the pivot

b of the slat B, the spring being bent so as to form a series of short curves, c c c c, (three or more,) into which the rounded edge of the slat B bears, so that when the slats are moved by the connecting-rod D, wherever it is left, their they remain until their position is changed by the will of some person.

The advantages of my improvement are that it is so simple, cheap, and effective in its operation. They can be put upon any movable slat-blinds for a mere trifling expense, and are so easily operated, and they hold the slats so perfectly wherever they are placed. When movable slat window-shutters are fitted tight enough to hold in position by their friction on the pivots, they often, by painting, become so tight that they cannot be moved at all, and when fitted sufficiently loose to be easily moved they will assume one position by the weight of the connecting-rod, or they will open or close by the action of the wind on them. Thus it will be seen that there is a necessity for some such device as the above described.

What I claim as new, and desire to secure by Letters Patent, is—

A curved corrugated spring acting on the edge of a slat to hold the section of movable slats in any desirable position, as set forth.

GEORGE J. COLBY.

Witnesses:

JOHN S. HOLLINGSHEAD,
J. B. WOODRUFF.