J. P. Miller,

Curtain Tassel,

No. 78,311. Patented May 26, 1868.

Fig: 1.

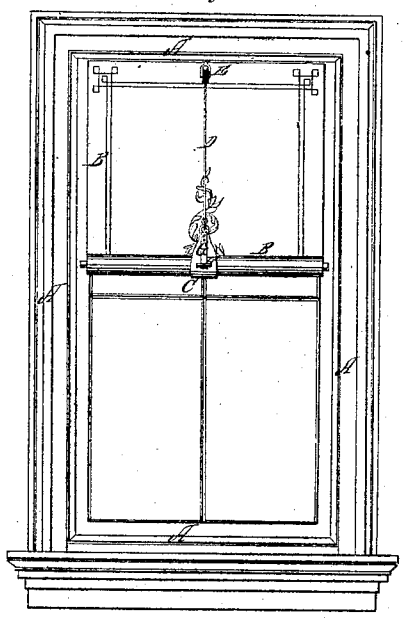


Fig: 2.

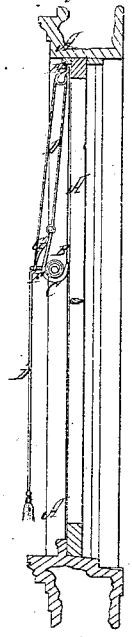
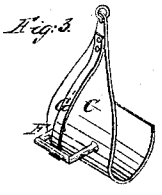


Fig: 3.



Witnesses:

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United States Patent Office.

JOHN P. MILLER, OF SOMERSET, PENNSYLVANIA.

Letters Patent No. 78,311, *dated May* 26, 1868.

IMPROVED CURTAIN-FIXTURE.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, JOHN P. MILLER, of Somerset, in the county of Somerset, and in the State of Pennsylvania, have invented a new and useful Device for Supporting Window-Curtains after they have been rolled up from the bottom; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the annexed drawings, making part of this specification, in which—

Figure 1 is an interior elevation of a window, showing the curtain partially rolled up.

Figure 2 is a profile of the same; and

Figure 3 shows a part in detail.

My invention is applicable to window-curtains of any material that roll up from the bottom, instead of at the top, but is expressly adapted to curtains or screens of paper, which have been and are commonly secured in place by the tying of two strings under the roll, which strings depend from the top of the curtain on each side of it. This mode of fastening is, as is well known, injurious to the curtain, as the tendency of the curtain to unroll causes it to bear with the pressure due to its weight upon the string under its centre, whereby the curtain is either cut or broken so as to be irremediably defaced.

The object of my invention is to provide against injury to the curtain, by affording a broad support and protection thereto, and at the same time render the acts of raising and lowering the curtain easy and expeditious, while the tying and untying of strings are dispensed with.

In the drawings, A represents a window-frame and sash, as seen from the inside of a room, partially covered by the curtain B, which is secured at top to the under side of the upper part of the frame A, and rolled up from the bottom, as shown in fig. 2. C is a stirrup, of sheet or plate metal, or other suitable material, having the curve of its lower part of a width and depth sufficient to contain the largest cylinder the curtain will form when rolled. To the upper end of the stirrup C is attached a cord, D, which passes over a small pulley, E, suspended from the under side of the top of the window-frame, and then down again to the stirrup C, where it passes through a buckle-frame or cramp, F, attached to the stirrup, and where it is held in place by the spring-tongue or tooth G, which is firmly secured at its upper end to the stirrup C, and confines the cord between its lower end and the buckle-frame F. The construction of the stirrup C and its cramp F G is distinctly shown in fig. 3.

The stirrup is made wide enough to afford as long a bearing for the rolled portion of the curtain as may be demanded by the width and weight of the curtain.

To raise the curtain, which should have a light rod at its bottom, it is only necessary to pull the end, D', of the cord, and, perhaps, start the roll by a twist of the rod, when the stirrup will rise, carrying the curtain, and rolling it up in the concavity as it rises. The cord slips easily through the cramp F G as the stirrup rises, and, when the movement ceases, the cord is cramped, and the curtain remains where it stopped, resting on a broad bed, where it cannot be cut or broken.

To lower the curtain, press the tongue G and the upper part of the stirrup between the finger and thumb; the cord will be loosened, and the stirrup may be pulled down, allowing the curtain to unroll as it descends.

It may be expedient in some cases to dispense with the pulley E, in which case the cord D will be secured by one end to the under side of the top of the frame A, and pass through a hole or guide in the top of the stirrup C, so that this may be always kept in position, and then through the cramp F G, as hereinbefore described. In this case, the stirrup is easily moved up and down on the cord, and made to have the proper effect upon the curtain.

Having thus fully described my invention, what I claim therein as new, and desire to secure by Letters Patent, is—

The stirrup C and its cramp F G, the cord D, and the pulley E, combined, arranged, and operating substantially as and for the purpose set forth.

In testimony that I claim the above-described device for supporting window-curtains after they have been rolled up from the bottom, I have hereunto signed my name, this 24th day of April, 1867.

JOHN P. MILLER.

Witnesses:

WM. H. KOONTZ,

F. J. KOOSER.