

(No Model.)

Z. M. LINDLEY.
CURTAIN FIXTURE.

No. 580,499.

Patented Apr. 13, 1897.

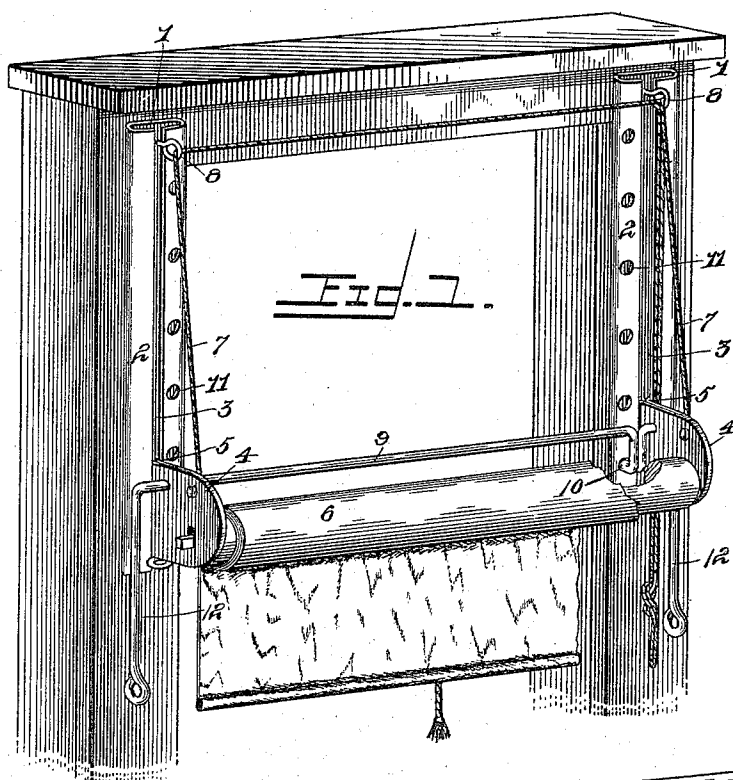


Fig. 2.

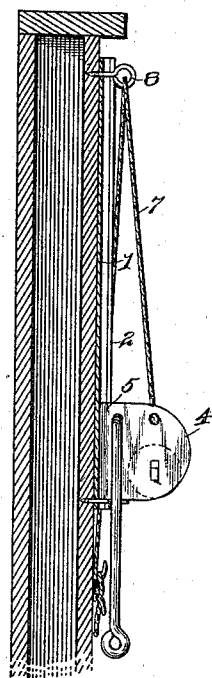
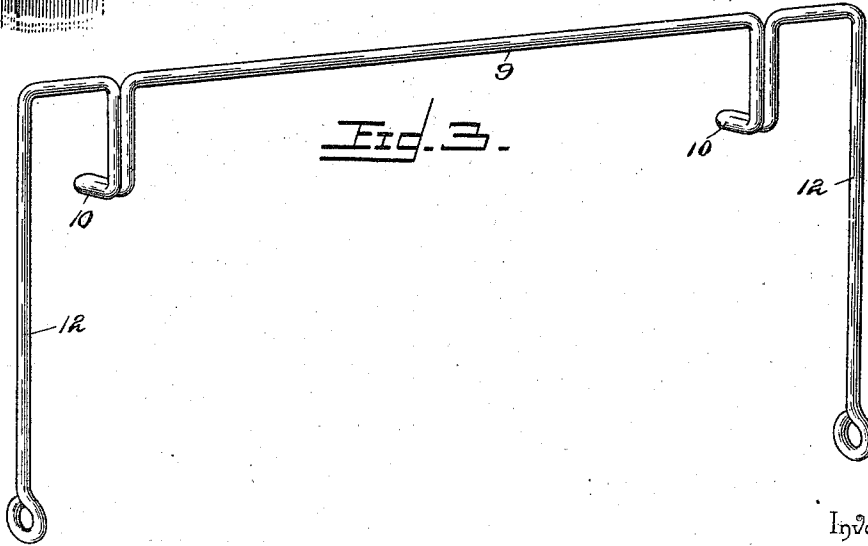


Fig. 3.



Witnesses
W. J. Latham.
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By his Attorneys,

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UNITED STATES PATENT OFFICE.

ZACHARY M. LINDLEY, OF CARTHAGE, MISSOURI, ASSIGNOR OF THREE-
FOURTHS TO T. K. WOOD AND C. VERCKLER, OF SAME PLACE, AND
GEORGE S. HILLHOUSE, OF PIERCE CITY, MISSOURI.

CURTAIN-FIXTURE.

SPECIFICATION forming part of Letters Patent No. 580,499, dated April 13, 1897.

Application filed September 2, 1896. Serial No. 604,651. (No model.)

To all whom it may concern:

Be it known that I, ZACHARY M. LINDLEY, a citizen of the United States, residing at Carthage, in the county of Jasper and State of Missouri, have invented a new and useful Curtain-Fixture, of which the following is a specification.

This invention relates to curtain-fixtures, and is designed to facilitate the adjustment up and down of an ordinary curtain-shade roller for affording light and ventilation from above the roller as well as below the same.

The principal object of the present invention is to provide, in connection with a curtain-shade roller which is adjustable up and down, novel and efficient locking means whereby said roller may be adjusted to any desired point and there held.

To this end the invention consists in certain novel features and details of construction and arrangement of parts, as hereinafter fully described, illustrated in the drawings, and embodied in the claims.

In the accompanying drawings, Figure 1 is a perspective view showing the device applied to a window. Fig. 2 is an end elevation, partly in section, illustrating the manner of adjusting the roller up and down. Fig. 3 is a detail perspective view of the adjusting and locking device.

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

Referring to the drawings, 1 designates a pair of vertical guides, each of which is preferably formed from a strip of sheet metal, the edges of which are bent over and turned back to form retaining-flanges 2, the edges of which terminate at a short distance from each other to form a vertical guideway 3. The guides 1 may be of any desired length, according to the amount of adjustment which it is desired to give to the roller, and they are secured to the side bars of the window-frame, as shown in Fig. 1. For each guide there is provided a vertically-slidable bracket 4, the same being for convenience and cheapness formed from a piece of sheet metal bent about centrally upon itself to form the bracket proper,

the terminal edges thereof being bent at right angles and in opposite directions to form feet 5, which travel beneath the flanges 2, above referred to, while the bracket portion moves up and down in the vertical guideway 3. The brackets 4 are provided with openings for receiving the ends of the roller, (indicated at 6,) and as a convenient means for simultaneously moving the brackets up and down hoisting-cords 7 are attached at their ends to said brackets, from whence they extend upward through eyes 8 off to one side of the window-frame, where both cords are brought together so that they may be both grasped at the same time for elevating or lowering the roller 6.

In carrying out the present invention a horizontal shaft 9 is employed which extends across between the brackets 4, said shaft being provided just inside of each bracket with a depending tongue or catch 10, adapted to engage with any one of a vertical series of perforations 11 in the inner flange 2 of its respective guide 1. The terminal portions of the shaft are passed through and journaled in bearing-openings in the brackets 4 and then bent downward to form crank-arms 12, by means of which the shaft may be rocked for throwing the tongues or catches into or out of engagement with the perforations in the guides. The angles of the arms 12 are so disposed with relation to the tongues or catches 10 that said catches will be engaged with the guides when the arms lie close to the window-frame, such arms being so held by gravity. By rocking the arms 12 away from the window-frame the tongues or catches 10 will be thrown out of engagement, whereupon the roller may be adjusted up and down. The arms 12 are made of sufficient length to permit a person standing at the window to adjust the roller from its uppermost to its lowermost position.

The device above described is extremely simple and cheap in construction, may be applied to any window, and may be used in connection with the roller already placed thereon.

It will be understood that changes in the form, proportion, and minor details of con-

struction may be resorted to without departing from the spirit or sacrificing any of the advantages of this invention.

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

1. The combination with a vertically-adjustable curtain-shade roller and the sliding brackets in which the same is mounted, of a shaft extending across between said brackets and journaled therein and provided adjacent to such brackets with angular tongues or catches, said shaft provided with depending terminals for rocking it, and the vertical guides in which the brackets move having provision for engagement with said tongues or catches, substantially as described.

2. In a curtain-fixture, a pair of vertical guides provided with longitudinal series of perforations, in combination with brackets

mounted to slide therein and provided with openings for the reception of the roller, means for raising and lowering said brackets and roller, a rock-shaft extending across between said brackets and provided adjacent thereto with angular tongues or catches for engaging said perforations, and crank-arms on the ends of said shaft extending downward and forming means whereby the shaft may be rocked and the roller adjusted, 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.

ZACHARY M. LINDLEY.

Witnesses:

JOHN H. SIGGERS,
HAROLD H. SIMMS.