

No. 826,749.

PATENTED JULY 24, 1906.

A. M. ROY.
CURTAIN FIXTURE.
APPLICATION FILED NOV. 20, 1905.

Fig. 1.

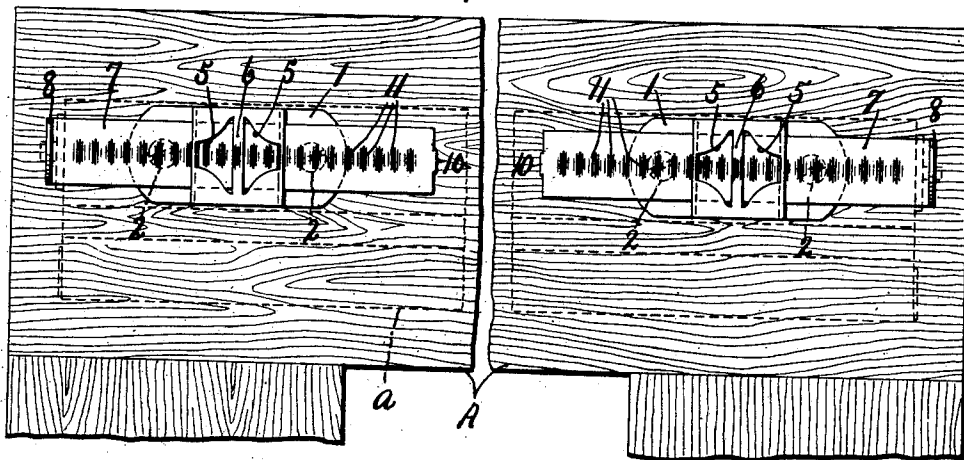


Fig. 2.

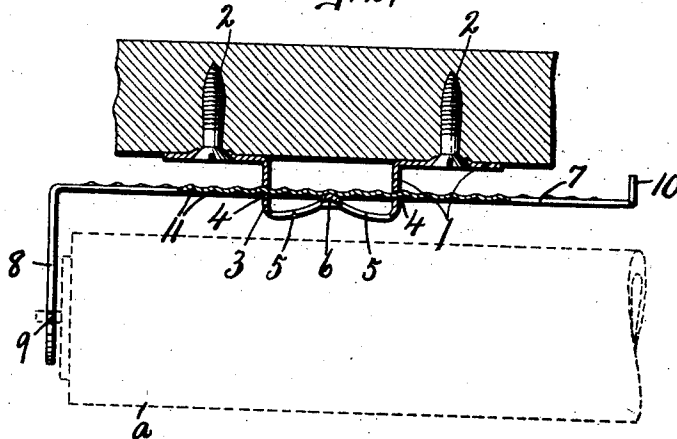


Fig. 3.

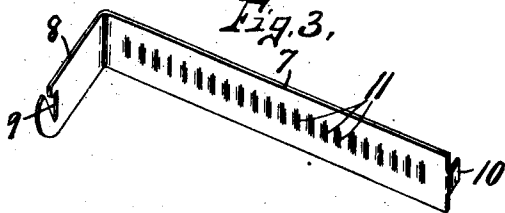
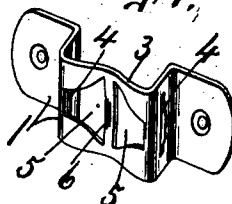


Fig. 4.



WITNESSES:

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UNITED STATES PATENT OFFICE.

ALPHONSE M. ROY, OF FULTON, NEW YORK.

CURTAIN-FIXTURE.

No. 826,749.

Specification of Letters Patent.

Patented July 24, 1906.

Application filed November 20, 1905. Serial No. 288,209.

To all whom it may concern:

Be it known that I, ALPHONSE M. ROY, of Fulton, in the county of Oswego, in the State of New York, have invented new and useful
5 Improvements upon Curtain-Fixtures, of which the following, taken in connection with the accompanying drawings, is a full, clear, and exact description.

This invention relates to curtain-fixtures,
10 and refers more particularly to adjustable roller-shade holders.

My object is to provide a simple, practical, and efficient means for supporting curtain-rollers of different lengths and to avoid as far
15 as practicable mutilation of the window-casings to which the fixtures are attached. In other words, I have sought to produce a comparatively inexpensive shade-holder consisting of sheet-metal brackets which are per-
20 manently secured to the casing and are provided with transverse slots for receiving adjustable sheet-metal bars, which are corrugated through their longitudinal centers to engage yielding friction-ribs on the perma-
25 nent sections of the fixtures, whereby the adjustable bars are frictionally held in their adjusted position.

Another object is to provide such bars with limiting-stops to prevent their acciden-
30 tal displacement or withdrawal from their permanent supporting-sections.

Other objects and uses will be made apparent in the following description.

In the drawings, Figure 1 is a front elevation,
35 partly broken away, of the upper portion of a window-casing, showing my improved adjustable curtain-fixture applied thereto and also showing in dotted lines a curtain-roller and window-shade. Fig. 2 is
40 an enlarged horizontal sectional view through one of the fixtures, showing the relative position of the curtain-roller by dotted lines. Figs. 3 and 4 are perspective views, respec-
45 tively, of one of the sliding sections and permanent section of one of the curtain-holders.

In order that my invention may be clearly understood, I have shown the upper portion
50 of a window-casing A, to which are permanently secured a pair of sheet-metal brackets or loops 1. These brackets are spaced apart a suitable distance, usually directly over the upright side of the casings, and each consists of a comparatively thin sheet-metal strip or
55 plate having its ends lying in substantially the same flat plane and provided with apertures for receiving the fastening-screws 2,

while its central portion is pressed beyond the plane of its ends, forming a loop 3, the sides of which are provided with vertically-elongated slots 4, and its front or central portion is depressed inwardly a slight distance
60 and is provided with a pair of openings 5, forming a central vertical spring-bar 6, which is convexed inwardly and lies in a plane nearly coincident with the plane of the slots
65 4, as best seen in Fig. 2, for a purpose presently described.

Associated with each of the fixed plates 1 is a comparatively thin sheet-metal bar 7,
70 having one end 8 bent at substantially right angles thereto and provided with an aperture 9 near its outer end. This bar 7 is of substantially the same transverse width as the vertical height of and is inserted through
75 said slots, so as to be capable of lengthwise adjustment, the opposite end being provided with a tongue 10, which is bent laterally in the direction opposite to the direction of the extension of the end 8 for forming a limiting-
80 stop to limit the lengthwise movement of the bar 7 and prevent its accidental withdrawal from the slots 4, as best seen in Fig. 2, said tongue 10 being of less length than the hori-
85 zontal depth between the slots 4 and outer face of the flat end of the loop 3, so as to allow the bar to be adjusted its full length until the shoulder or tongue 10 engages the side in which the adjacent slot 4 is formed.

The bar 7 is corrugated through its longi-
90 tudinal center practically its whole length for forming a series of depressions in which the spring-bar 6 of the fixed plate 1 is adapted to spring to hold the bar 7 in its adjusted position, the bar 6 being convexed inwardly,
95 transversely forming a rounding friction-face, which, though frictionally engaging in one of the depressions of the longitudinal corrugations, as 11, permits the corrugations of the bar 7 to ride across the convex face of the
100 bar 6, which springs outwardly and inwardly as each successive rib and depression of the corrugation is encountered, said bar 6 spring-
ing backwardly into one or the depressions of the corrugation to frictionally lock the bar 7
105 in its adjusted position.

The plates 1 are substantially duplicates
of each other and are therefore interchangeable, and the bars 7 are also substantially
110 identical, except that one of the apertures 9 is open at the top to receive the flat end or pintle to which the roller-spring of the curtain is attached.

In assembling the parts of my improved curtain-holder the tongues 10 of the bar 7 are straightened out in the plane of the bar and this end of the bar is then inserted through the slot 4 of the plate 1, after which the tongue 10 is bent laterally in the manner and for the purpose described, thus completing the fixture as an article of manufacture, after which the plate 1 is permanently secured to the casing-head A by the screws 2, it being understood that the offset ends of the bar may be moved or adjusted endwise against the opposite sides of the loop 3 to permit the use of a screw-driver or other tool for inserting the fastening means 2, which are located some distance beyond the opposite sides of the loop 3 in which the slots 4 are formed, as best seen in Fig. 2. After the plates 1 and their curtain-supporting bars 7 have thus been secured in place they are ready to receive the curtain-roller, as *a*.

If it is desired to insert a different length roller, one or both of the bars 7 may be adjusted lengthwise by hand until the offset ends 8 are brought to the desired distance apart to receive and retain the pintle ends of the roller, the spring-bar 6 serving to engage one of the depressions of the corrugation 11 to frictionally retain the bar 7 in its adjusted position.

What I claim is—

1. A curtain-roll holder comprising sheet-metal loops permanently secured in place and each provided with slots in its opposite sides and a vertical spring-bar centrally in its front and in a plane substantially coincident with the slots, sheet-metal bars each adjustable lengthwise in the slots of one of the loops and provided with corrugations engaging said spring-bar, each of said bars having its ends offset laterally forming limiting-stops to prevent the removal of the bar from the loop, one of said offset ends of each bar having an aperture to receive the adjacent end of the roller.

2. In combination with a casing and curtain-roller, separate curtain-fixtures one at

each end of the roller and each comprising a metal loop permanently secured to the casing and provided with vertical elongated slots in its sides; the central portion of the front of each loop being depressed inwardly to substantially the plane of the loops, and a bar adjustable lengthwise in the slots and provided with corrugations engaging the central depressed portion of the loop, said bar having one end offset at substantially right angles thereto and provided with an aperture for receiving the adjacent end of the roller, the opposite end of the bar being formed with a limiting-stop.

3. A curtain-fixture comprising a plate having its ends lying in substantially the same plane and its central portion pressed outwardly beyond said plane and provided with openings in its sides and a depression in its front, said depression having its inner face in substantially the same plane as the slots, and a comparatively long bar adjustable lengthwise in the said slots and provided with corrugations engaging said depressed portion in the front of the plate, said bar having one end offset laterally and provided with an aperture for receiving the adjacent end of the curtain-roller.

4. A curtain-fixture comprising a comparatively thin sheet-metal plate having its central portion depressed in a different plane from its ends and provided with openings forming a substantially central spring-bar, said ends of the plate extending laterally in the opposite direction and lying in substantially the same plane, the portions of the plate between the ends and central spring-bar being provided with slots, and a curtain-supporting bar slidable endwise in said slots and frictionally engaged by said spring-bar.

In witness whereof I have hereunto set my hand this 17th day of November, 1905.

ALPHONSE M. ROY.

Witnesses:

HAROLD A. READ,
H. L. PLATT.