

(No Model.)

W. DOULIN.
CURTAIN FIXTURE.

No. 471,962.

Patented Mar. 29, 1892.

Fig 1.

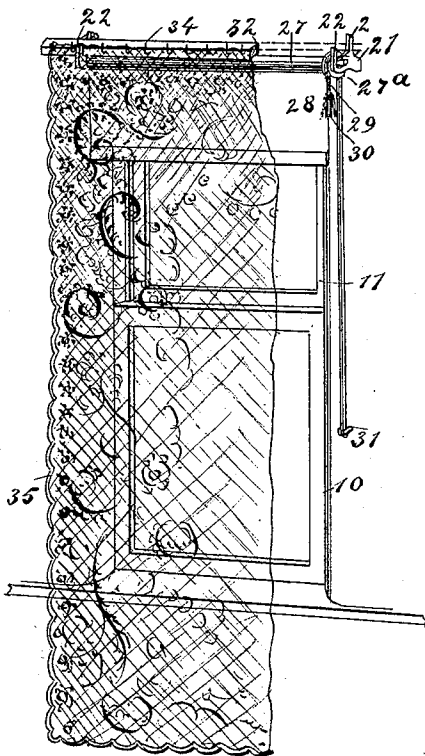


Fig 2.

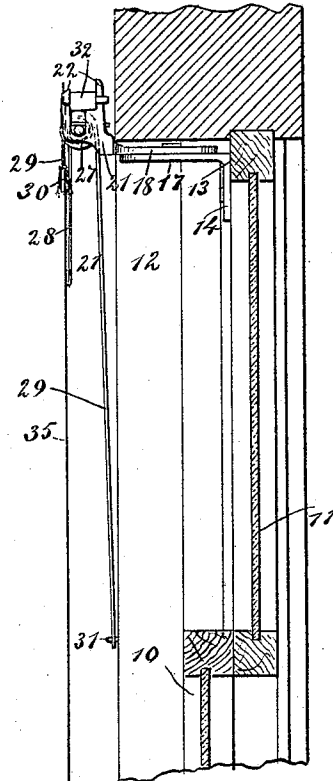


Fig 3.

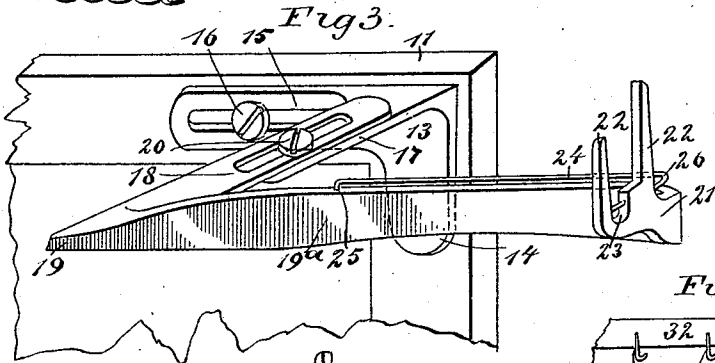


Fig 4.

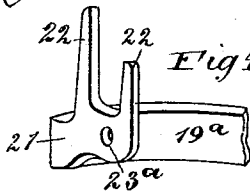
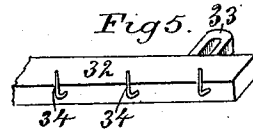


Fig 5.



WITNESSES:

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UNITED STATES PATENT OFFICE.

WILLIAM DOULIN, OF WHEELING, WEST VIRGINIA.

CURTAIN-FIXTURE.

SPECIFICATION forming part of Letters Patent No. 471,962, dated March 29, 1892.

Application filed May 28, 1891. Serial No. 394,370. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM DOULIN, of Wheeling, in the county of Ohio and State of West Virginia, have invented new and useful
5 Improvements in Curtain-Fixtures, of which the following is a full, clear, and exact description.

My invention relates to improvements in fixtures for supporting window curtains and
10 shades; and the object is to provide means for raising and lowering the shade or curtain in unison with the movement of the upper window-sash, so that when the sash is lowered it will admit a free current of air without in-
15 juring the curtain or shade; and a further object of my invention is to provide an easy means of adjusting the shade upon its roller.

To this end my invention consists in certain features of construction and combina-
20 tions of parts, which will be hereinafter described and claimed.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar figures of reference indicate
25 corresponding parts in all the views.

Figure 1 is a front perspective view showing my invention, a portion of the curtain and pole being broken away. Fig. 2 is a broken
30 vertical section through the window-frame and sash, showing an end view of the attachments embodying my invention. Fig. 3 is an enlarged detail perspective view showing one of the supporting-brackets secured to the win-
35 dowsash. Fig. 4 is a broken detail view in perspective of one of the end supports for the shade-roller, and Fig. 5 is a broken perspective view of the curtain-pole.

The sashes 10 and 11 are arranged to move vertically in the window-frame 12 in the ordi-
40 nary way, and secured to the upper corners of the sash 11 are brackets 13, which brackets have depending arms 14, which rest against the sash and brace the bracket, laterally-extending arms 15, which are slotted longitudi-
45 nally, so as to receive a screw 16 and permit the bracket to be nicely adjusted upon the sash, and outwardly-extending arms 17, to which the angular brackets 19 are secured. Each bracket
50 19 has one arm 18, which overlaps an arm 17 of the bracket 13 and which is slotted longitudinally, so as to permit a screw 20 to pass through

it and into the arm 17, and the slot in the arm 18 permits the bracket 19 to be moved out and in in relation to the window-sash, so as to adjust it to the depth of the window-frame. The
55 outer arm 19^a of the bracket 19 extends parallel with the front face of the window-frame and is bent outwardly at the end, as shown at 21, and this bent portion has vertical prongs 22 arranged on its opposite corners, and be-
60 tween these prongs is a semicircular recess 23, which is adapted to support the end of the shade-roller. A spring-latch 24 is secured upon the top of the arm 19^a, one end being at-
65 tached to the arm, as shown at 25, and the opposite end is bent laterally, as shown at 26, so as to project through the bent end of the arm and extend above the recess 23, thus preventing the accidental removal of the shade-
70 roller.

Fig. 3 shows the bracket as described above, and this is adapted to support one end of the roller, and the opposite bracket has a simple perforation 23^a, as shown in Fig. 4, instead of
75 the recess 23, as the ordinary shade-rollers, and has on one end a projecting cylindrical stud, which is adapted to be slipped into a perforation. It will be seen, therefore, that the device shown in Fig. 4 is substantially like a
80 common roller-fixture with the exception of the prongs on the upper side.

The shade-roller 27 is of common construction with the exception of the pulley 27^a, which it carries at one end, and the shade 28 is secured to the roller in the ordinary way. A
85 cord 29 is used to regulate the vertical movement of the shade, said cord having at its outer end a weighted tassel 30 and having its inner end secured to the window-frame near the lower portion of the same, as shown at 31.
90 The cord 29 extends over the pulley 27^a, and it thus serves as a counter-balance for the shade, so that by taking hold of the shade it may be easily moved up or down to bring it into a desired position, and the weight on the
95 cord will hold it in place. The curtain-pole 32 is adapted to support a lace curtain and is preferably rectangular in shape. It has on its rear side near opposite ends staples or keepers 33, which are adapted to be slipped
100 upon the rear prongs 22 of the brackets 19, and has upon its front edge upwardly-curved

hooks 34, upon which the curtain 35 is suspended. The size of the pole should be such that it will fit nicely between the prongs 22 of the bracket.

5 From the foregoing description it will be seen that the adjustable bracket affords means for supporting the roller in a desired position in relation to the sash and frame, and that
10 when the upper window-sash is raised or lowered the shade and curtain will be correspondingly moved. It will be noticed that the diverging arms 19^a of the brackets 19 provide means for bringing the edges of the shade
15 and curtain beyond the sides of the window-frame 12, so that the window will be as nicely shaded as when the common form of fixtures are used.

Having thus described my invention, I claim as new and desire to secure by Letters
20 Patent—

1. A curtain-fixture comprising an adjustable bracket having an outward-projecting arm 21, provided with vertically-projecting

arms 22 22, forming a curtain-rod-receiving slot, the base of which is recessed, as shown 25 at 23, forming a shade-roller bearing communicating with the said curtain-rod slot, substantially as set forth.

2. A curtain and shade roller fixture comprising the brackets 13, having slots 15 and 30 outward-projecting arms 17, the angle-brackets 19, having slots, the screws 20, passing through said slots into arms 17, the ends of the oppositely-projecting arms 19^a of the brackets being bent outward, as at 21, and provided 35 with vertically-projecting prongs 22 and with shade-roller bearings 23 23^a, respectively, the curtain-rod 32 resting at its ends between the two pairs of prongs and having keepers 33 on its rear edge, through which the rear prongs 40 project, and provided, also, with curtain-attaching devices, substantially as set forth.

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Witnesses:

W. A. LOVE,
W. J. CARNEY.