

E. ABBOTT.
SHADE ROLLER BRACKET.
APPLICATION FILED MAY 24, 1910.

1,051,476.

Patented Jan. 28, 1913.

2 SHEETS-SHEET 1.

FIG. 1

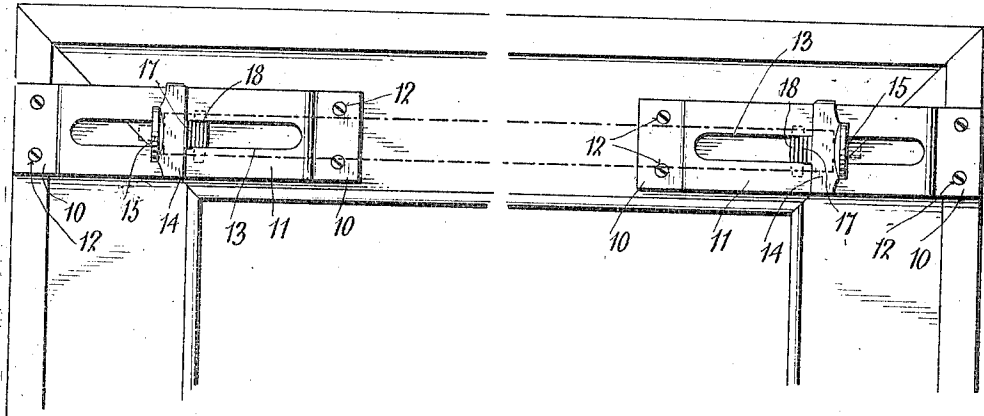


FIG. 2

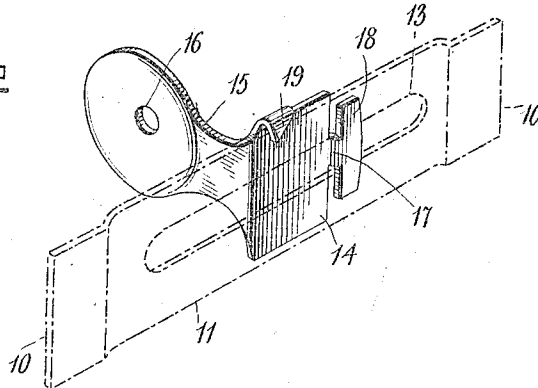
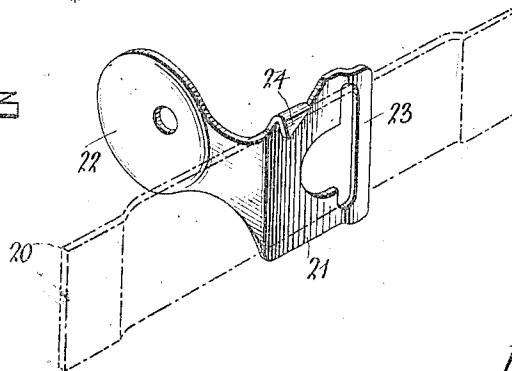


FIG. 3



Witnesses
L. N. Willis

Inventor
Everett Abbott

By *Charles Chandler*
Attorney

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FIG 4

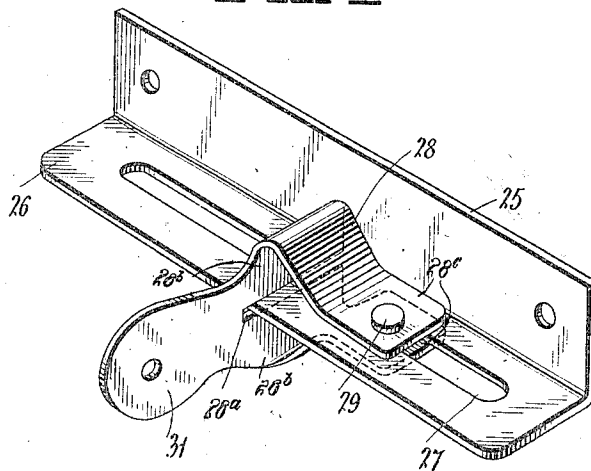


FIG 5

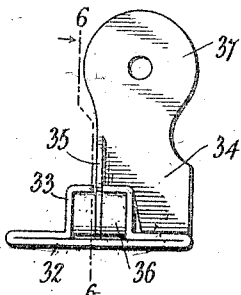


FIG 6

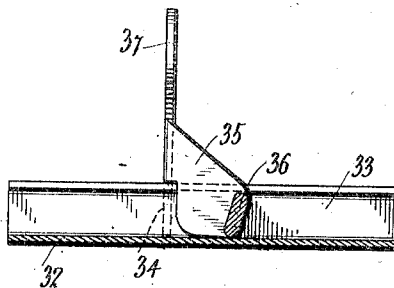


FIG 7

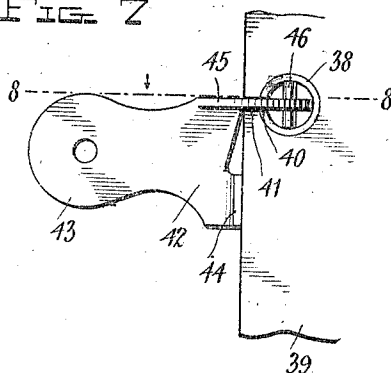
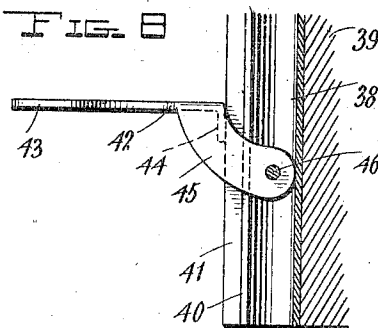


FIG 8



Inventor

Everett Abbott,

By

Charles C. Bunker

Attorneys

Witnesses

J. J. Johnson
A. N. Willis

UNITED STATES PATENT OFFICE.

EVERETT ABBOTT, OF OWENSBORO, KENTUCKY.

SHADE-ROLLER BRACKET.

1,051,476.

Specification of Letters Patent.

Patented Jan. 28, 1913.

Application filed May 24, 1910. Serial No. 563,178.

To all whom it may concern:

Be it known that I, EVERETT ABBOTT, a citizen of the United States, residing at Owensboro, in the county of Daviess, State of Kentucky, have invented certain new and useful Improvements in Shade-Roller Brackets; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to curtain fixtures and especially to a fixture for shade roller curtains.

The principal object of the invention is to provide an improved device of this kind which may be attached to a window casing and adjusted to suit different widths of curtains with their consequent variations in the lengths of the rollers.

With the above and other objects in view, the invention consists in general of a base and a bearing member tiltable and slidable on the base, said base and bearing member forming a novel and improved combination.

The invention further consists in certain novel details of construction and combinations of parts hereinafter fully described, illustrated in the accompanying drawings, and specifically set forth in the claims.

In the accompanying drawings, like characters of reference indicate like parts in the several views, and Figure 1 is a view of a portion of a window casing equipped with this invention. Fig. 2 is a perspective view of the preferred form of the device. Fig. 3 is a perspective view of a modified form of the device. Fig. 4 is a perspective view of a second modification. Fig. 5 is an end view of a third modification. Fig. 6 is a section on the line 6—6 of Fig. 5. Fig. 7 is an end view of a fourth modification where-in the device is set into the window casing. Fig. 8 is a section on the line 8—8 of Fig. 7.

In the form of the device shown in Figs. 1 and 2 there is provided a base portion having ends 10 and a central portion 11, the latter being displaced from the plane of its end portions so that a space is left behind this central portion when the same is affixed to a casing. This base is made from a metallic plate and is preferably stamped and struck up to shape. At the ends the base is

provided with suitable nail or screw holes 12 while the central portion has extending therethrough a longitudinal slot 13. The bearing member in this form is likewise constructed of a metallic plate and this bearing member comprises a body portion 14 having a bearing arm 15 extending at right angles from one edge and provided with an opening 16 to receive the pintle of a shade roller, this opening being of the usual form, that is to say, the devices being arranged in pairs, the opening in one will be adapted to receive the pintle at one end while the opening in the other will be adapted to receive the pintle at the other end, the first pintle being round and the second angular. Extending through the slot 13 is a neck 17, the same being diagonally arranged with reference to the body 14 and extending from the side opposite the arm 15. On this neck 17 is a cross bar 18 preferably parallel to the body 14 and this cross bar extends transversely across the slot 13 and has its ends bearing against the back of the base. On the upper edge of the plate 14 is formed a lip 19 which is arranged to engage over the edge of the central portion 11 of the base so that this lip holds the body portion 14 in contact with the outer surface of said base when thus engaged. In this form of the device it is to be noted that the bearing member may have the lip 19 disengaged from the base by slightly twisting the same, after which the member is free to tilt with reference to the base and be slid therealong. It is also to be noted that when the body 14 and second bar 18 are engaged against the opposite face of the base the proportions of the device are such that the bearing member is frictionally locked in position on said base, the body 14 thus acting as a stop portion.

In the form shown in Fig. 3 there is provided a base 20 similar to the base previously described but without the slot. On this base 20 is engaged a bearing member having a body portion 21 provided with a bearing arm 22 similar to the bearing arm 15. Opposite to the bearing arm 22 the body portion 21 is provided with an angularly extending cross bar 23 in the form of a loop through which passes the base 20, the cross bar thus lying behind said base.

This form of the device is likewise provided with a lip 24 similar to the lip 19. The body 21 of this modification also constitutes stop means while the lip 24 constitutes the means to prevent tilting of the member by positive engagement with the base 20. The device is operated in precisely similar manner to that previously described by giving it a slight twist to disengage the lip 24 and then adjusting it to position on the base and again engaging the lip.

In the form of the device shown in Fig. 4 there is provided a base 25 having an angled portion 26 provided with a longitudinal slot 27. The stop member includes a body portion 28 which is formed with a longitudinally disposed slot 28^a forming consequent spaced arms 28^b—28^c. Lateral feet 28^d—28^e respectively project from the ends of the arms 28^b and these feet are disposed above and below the angle portion 26 of the base. These feet are connected by a stud 29 which extends through the slot 27 of the base, said stud constituting a pivot for the stop member. It will thus be observed that the angle portion 26 of the base is disposed within the slot 28^a, the slot being of such width as to cause the arms 28^b to frictionally engage the angle portion 26, and thereby lock the member against movement. The feet 28^d engage the base 25 to limit the swinging movement in one direction of the member, said feet and stud corresponding to the base and cross bar previously described. This form of the device is provided with the usual arm 31 and is adjusted by simply raising the arm 31 to release the portion 28 from frictional engagement with the base 25 when it may be moved to desired position along the base, and when in that position will be held by the pressure of the shade roller against the arm 31.

In the form of the device shown in Fig. 5 there is provided a base 32 consisting of a plate of metal which is bent to form a slotted box or channel 33. The bearing member in this form includes a body portion 34 having an edge adapted to contact with the base 32 and a neck portion 35 formed by bending the plate at right angles to the body 34. To this neck portion is secured a cross bar 36 which is elongated in cross section as clearly shown in Fig. 6 and which, when in the position shown in said figure, engages against both the bottom and slotted faces of the box 33 so that it assists the portion 34 in its action as a stop. This bearing member is provided also with a bearing arm 37 of the ordinary construction. In the operation of this device it is simply tilted, slid along the base to properly adjust it, and then moved back to its

original position so that the base will be firmly engaged between the portion 36 and the body 34.

In the form of the device shown in Fig. 7 there is provided a base in the form of a tube 38 which is set in a suitable opening in the casing 39 and is provided with a slot 40 registering with a slot 41 in the casing. The bearing member comprises a body portion 42 from which extends a bearing arm 43 and on this body portion 42 is formed a foot 44. Through the slots 41 and 40 extends a neck 45 formed of a portion of the plate bent at right angles to the body 42 and this neck carries a cross bar 46 which moves inside of the tube 38. In this form of the invention the casing 39 constitutes a portion of the base and the device is locked in adjusted position by the frictional engagement of the foot 44 against the casing and the cross bar 46 against the tube, the device being tilted for movement as previously described.

It is to be noted that in each and every form of this invention there is provided a base and a bearing tiltably and slidably mounted on said base and provided with means to frictionally lock the member to the base.

There has thus been provided a simple and efficient device of the kind described and for the purpose specified.

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

1. In a curtain fixture; an elongated base; and a bearing member tiltably and slidably mounted on said base, means on the bearing member to frictionally lock the member to the base, and other means carried by the member to positively engage the base and prevent tilting of the member.

2. In a curtain fixture; a base having a longitudinal slot formed therein; and a bearing member having a neck extending through said slot, a cross bar lying behind the slot, and a stop portion engaging against the face of the base.

3. In a curtain fixture; a base having a longitudinal slot formed therein; and a bearing member having a neck extending through said slot, a cross bar on the neck lying behind the slot, a stop portion engaging against the base, and means to lock said stop portion against said base.

4. In a curtain fixture; a base comprising an elongated metallic plate having its central portion displaced from the plane of its end portions and provided with a longitudinal slot; and a bearing member comprising a metallic plate including a body portion forming a stop and engaging against the base, an arm having a shade roller, said arm extending substantially at

right angles from one edge of the body
portion, a neck extending diagonally from
the other edge of the body portion and pass-
ing through said slot, a cross bar on said
5 neck extending transversely across said slot
behind the base, and a lip on said body por-
tion engageable over the edge of the base.

In testimony whereof, I affix my signa-
ture, in presence of two witnesses.

EVERETT ABBOTT.

Witnesses:

A. BRESLER,
W. M. GORE.