

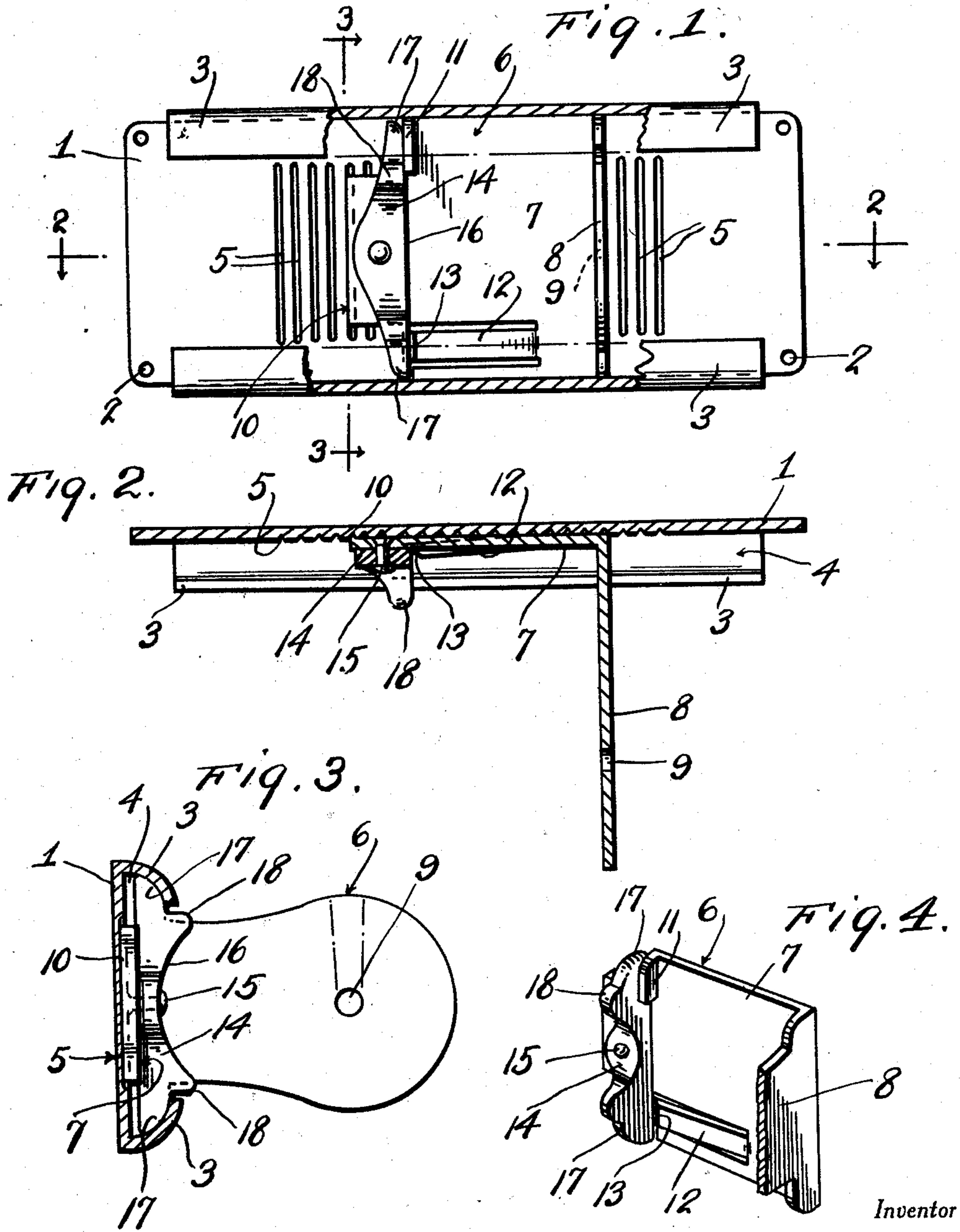
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ADJUSTABLE SHADE BRACKET

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# UNITED STATES PATENT OFFICE

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## ADJUSTABLE SHADE BRACKET

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The present invention relates to improvements in window shade brackets and has for its principal object to provide a bracket that includes a base and plate adapted to be fixedly secured on the window casing, the shade roller supporting fixture being slidably adjusted on the base plate, means being associated with the fixture for positively securing the same in an easy predetermined adjusted position on the base plate.

A further object is to provide an adjustable shade bracket of the above mentioned character that will at all times be positive and efficient in its operation, the same consisting of relatively few parts so that the fixture can be adjusted without any difficulty, said bracket being further simple in construction, inexpensive, strong and durable and further well adapted to the purposes for which it is designed.

Other objects and advantages will become apparent during the course of the following description.

In the accompanying drawing, forming a part of this specification, and in which like numerals indicate like parts throughout the same:

Figure 1 is a side elevation of the adjustable shade bracket embodying my invention, parts being shown broken away,

Figure 2 is a longitudinal sectional view taken approximately on the line 2—2 of Figure 1 looking downwardly,

Figure 3 is a vertical section taken approximately on the line 3—3 of Figure 1 looking in the direction of the arrows,

Figure 4 is a fragmentary detail perspective view of the shade roller fixture showing the pivoted locking member associated therewith.

In the drawing wherein for the purpose of illustration is shown the preferred embodiment of my invention, the numeral 1 designates the base plate which is preferably constructed of sheet metal and is provided with suitable holes 2 at the corners thereof for securing the same to a window frame or the like by means of screws or nails not shown.

The upper and lower longitudinal edges

of the base plate are bent over toward the front and the bent over portions are slightly curved to form the flanges 3 that are spaced from the adjacent face of the base plate to provide longitudinal grooves or guideways 4 along each edge of the plate.

The plate 1 is provided with the transversely disposed spaced grooves or serrations 5 for a purpose hereinafter to be more fully described. Forming a salient part of the present invention is the shade roller fixture denoted generally by the numeral 6 and the same includes a slide plate 7 from which extends the bracket arm 8 at one end thereof.

The slide plate 7 is adapted for slidable movement within the opposed guideways or grooves 4. The bracket arm 8 is formed at its outer end with the usual shade roller pintle receiving slot or opening as indicated at 9 in Figure 3, it being understood of course that the bracket arm of one fixture is formed with an opening while the bracket arm of the complementary fixture arranged at the opposite sides of the window casing is formed with the slot.

The flanges 3 retain the slide plates 7 of the fixture 6 in position on the base plate 1 but said fixture can be moved from the stationary base plate by sliding the same out of either end of the guideways 4.

A tooth 10 is formed on the bottom face of the free end portion of the slide plate 7 for cooperation with the transverse groove or serrations 5. One of the corners of the slide plate 7 at the free end thereof is bent laterally to provide a stop 11. A finger 12 is struck up outwardly from the opposite edge portion of the slide plate 7 and the free end of this tongue is beveled as indicated at 13 for a purpose to be presently described.

Forming a salient part of the present invention is the locking bar 14 that is pivoted at its intermediate portion on the outer face of the free end portion of the slide plate 7 as at 15.

The outer edge portion of the bar 14 is formed with the concaved cutaway portion 16 to accommodate a shade that extends across the window casing.

Formed on the free end of this pivoted

locking bar are the opposed cam portions 17 that function in the manner to be presently described in detail.

Suitable finger-engaging projections 18 are formed on the outer edge of the pivoted locking bar 14 adjacent the respective cams 17 whereby to manipulate the locking bar.

When the parts are arranged as shown in the drawing it will be observed that the locking bar 14 is disposed vertically and one end is disposed against the stop 11 while the other end rides over the beveled portion 13 of the tongue 12 and this tongue prevents casual movement of the pivoted locking bar.

When in this position, the cam portions 17 cooperate with the inner faces of the respective curved flanges 3 thus forcing the slide plate 7 against the base plate 1 and further maintaining the tooth 10 in locking engagement with one of the grooves or serrations 5 so that the fixture is locked in its properly adjusted position.

By grasping a finger piece 18 and turning the locking bar in one direction, the same is moved out of engagement with the flanges 3 and then the fixture is free to slide along in the guideway.

It will thus be seen from the foregoing description, that I have provided an adjustable shade bracket that can be readily and easily adjusted and there will be absolutely no possibility of the shade fixture becoming loose from its properly adjusted position.

Furthermore due to its simplicity, the shade bracket can be constructed at a very low cost and the same will be strong and durable.

While I have shown the preferred embodiment of my invention, it is to be understood that various changes in the size, shape and arrangement of parts may be resorted to without departing from the spirit of the invention and the scope of the appended claims.

What I claim as new is:

1. In a shade bracket of the class described having a stationary base, the upper and lower ends thereof being bent over to form spaced flanges which are spaced from the front face of the base plate to provide longitudinal guideways, the combination of, a shade fixture including a slide plate adapted to move along the front face of the base plate in the guideways, a bracket arm extending from the slide plate, a locking bar pivoted intermediate its ends on the slide plate, and opposed cams formed on the respective ends of the locking bar for cooperation with the inner faces of the respective flanges to lock the slide plate against the front face of the base plate and maintain the shade fixture in fixed position on the base plate, a stop forming member extending outwardly from the base plate and against which one end of the locking lever is adapted to engage when in locking position, and a spring tongue struck out

from the opposite portion of the side plate for engagement with the other end portion of the locking lever to prevent casual movement of the locking bar.

2. In a shade bracket of the class described having a stationary base plate, the upper and lower edges thereof being bent over to form spaced flanges which are spaced from the front face of the base plate to provide longitudinal guideways, the combination of, a shade fixture including a slide plate adapted to move along the front face of the base plate in said guideways, a bracket arm extending from the slide plate, a locking bar pivoted intermediate its ends on the slide plate, and opposed cams formed on the respective ends of the locking bar for cooperation with the inner faces of the respective flanges to lock the slide plate against the front face of the base plate and maintain the shade fixture in fixed position on the base plate, a stop forming member extending outwardly from the base plate and against which one end of the locking lever is adapted to engage when in a locking position, and a spring tongue struck out from the opposite portion of the slide plate for engagement with the other end portion of the locking lever to prevent casual movement of the locking bar, and a finger engaging projection formed on the outer edge of the locking bar inwardly of the respective cam for use in manipulating the locking bar to move the same into an operative or inoperative position.

In testimony whereof I affix my signature.  
 GRANVILLE P. LAWRENCE.

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