

May 19, 1931.

J. T. PALLADINO

1,805,995

ADJUSTABLE SHADE ROLLER BRACKET

Filed Jan. 20, 1930

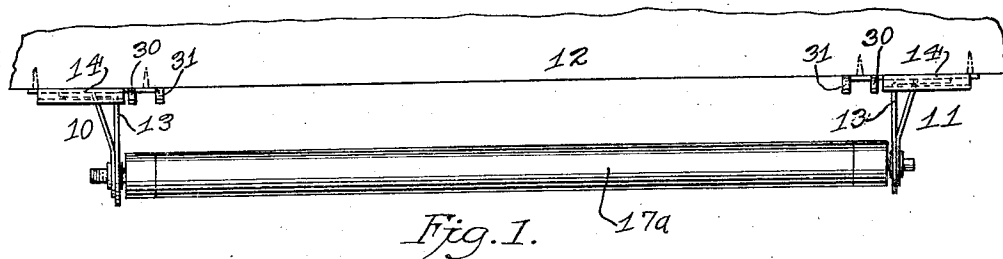
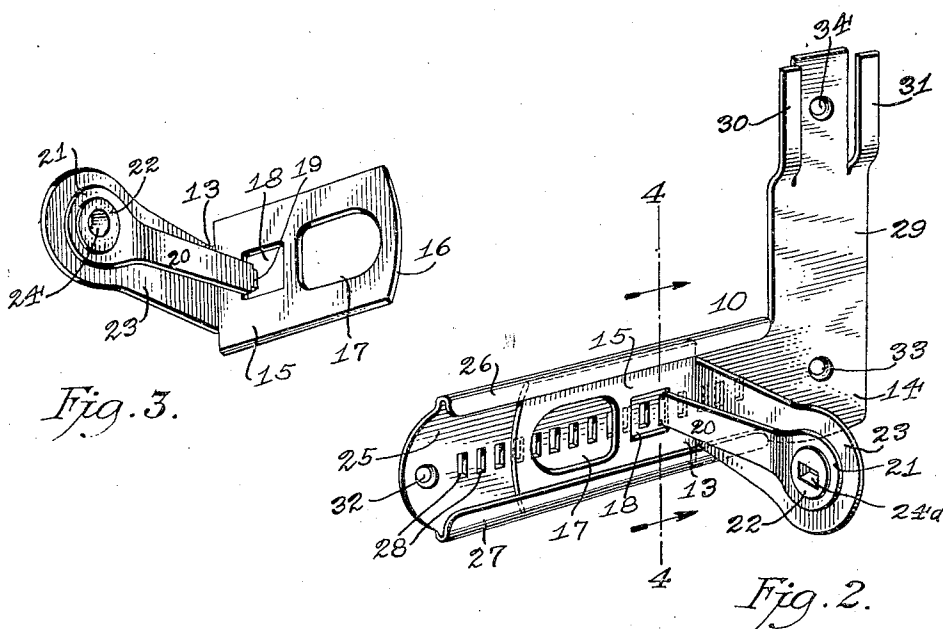
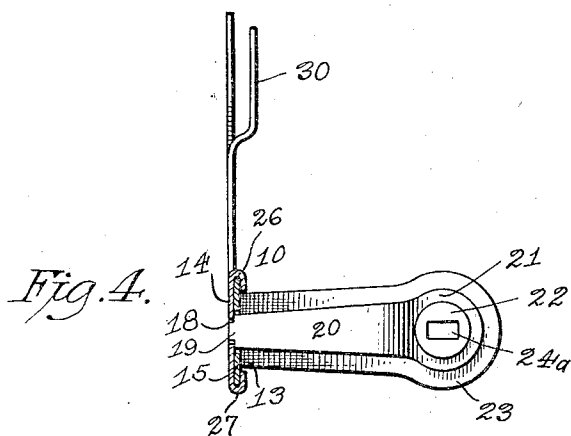


Fig. 4.

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UNITED STATES PATENT OFFICE

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ADJUSTABLE SHADE ROLLER BRACKET

Application filed January 20, 1930. Serial No. 421,915.

This invention relates to shade roller brackets, and more particularly to an adjustable bracket having a member adapted to slide upon a fixed support secured upon the top of a window frame.

One object of this invention is to provide a shade roller bracket of the above nature in which the sliding member has a spring tongue adapted to interchangeably engage in any one of a series of locking slots formed in the fixed support, whereby the sliding member will be securely held in any desired adjusted position.

A further object is to provide a device of the above nature which will be simple in construction, inexpensive to manufacture, easy to install and manipulate, ornamental in appearance, and very efficient and durable in use.

With these and other objects in view there has been illustrated on the accompanying drawings one form in which the invention may be conveniently embodied in practice.

Fig. 1 is a plan view showing a pair of the shade roller brackets in position upon a window frame supporting a shade roller therebetween.

Fig. 2 is a perspective view of the shade roller bracket adapted to support the left-hand end of the shade roller.

Fig. 3 is a perspective view of the sliding member of the right-hand shade roller bracket as it appears when detached from its fixed support.

Fig. 4 is a side sectional view of the left-hand shade roller bracket taken along the plane indicated by the lines 4—4 of Fig. 2, looking in the direction of the arrows.

Referring now to the drawings in which like reference numerals denote corresponding parts throughout the several views, the numerals 10 and 11 indicate generally a pair of complementary shade roller brackets adapted to be mounted on the left-hand and right-hand sides of the top of a window frame 12. Each of the brackets 10 and 11 comprises an angle-shaped member 13 adapted to slide in an L-shaped fixed support or guide frame 14.

Each of the sliding angle members 13 comprises a flat base 15, substantially rectangular in shape and having a curved extremity 16 to facilitate the sliding of the member 13 in the guiding frame 14. Adjacent the curved end 16, the member 13 is provided with an oval-shaped aperture 17 to form a hand-hold for permitting easy manual adjustment of said member 13 along the length of the fixed guide frame 14 to accurately fit the width of a shade roller 17a. The base of the sliding member 13 adjacent the end remote from the curved edge 16 is provided with a rectangular opening 18, through which extends the reduced extremity 19 of a narrow spring tongue 20, said tongue 20 being enlarged at its other end 21 which is secured permanently, as by a tubular rivet 22, to the curved free end of an outstanding leg 23 of said sliding angle member 13.

As will be clearly understood, the apertures in the tubular rivets 22 of the right-hand and left-hand angle members 13 will be made in the shape of a round hole 24 and a rectangular slot 24a respectively.

Each of the fixed guiding frames 14 comprises a horizontal section 25 having a pair of parallel inwardly bent-over flanges 26 and 27 at its upper and lower edges for holding the sliding member 13 securely in position.

In order to lock the sliding angle member 13 in any desired adjusted position within the fixed guide frame 14, the horizontal section 25 of each frame 14 is provided midway between the flanges 26 and 27 with a series of vertical rectangular slots or apertures 28, shaped to receive and fit about the reduced end 19 of the spring tongue 20.

The inner end of each spring tongue 20 projects through the rectangular opening 18 for a short distance and lockingly engages in one of the slots 28.

Each fixed guide frame 14 is provided with a vertical upstanding arm 29 having a pair of forwardly offset fingers 30 and 31 for receiving a pair of curtain holding rods, not shown. Each of the guide frames 14 is also provided with screw holes 32, 33, and 34 for attaching said frames to the top of the window frame 12.

Operation

In operation, assuming the parts to be in the positions shown in Fig. 2, whenever it is desired to adjust the position of the sliding angle member 13, it will merely be necessary for the operator to pull out upon the lower end of the spring tongue 20 and at the same time push the leg 23 outwardly to bring the extremity 19 out of the slot 28 in which it is engaged. The sliding member 13 may then be moved by hand in either direction in the fixed guide frame 14 until the tongue extremity 19 is in registry with another of the slots 28 in the desired adjusted position. Upon release of the tongue 20, the extremity 19 thereof will move into the new slot 28 and the member 13 will be positively held thereby against further movement in either direction.

While there has been disclosed in this specification one form in which the invention may be embodied, it is to be understood that this form is shown for the purpose of illustration only, and that the invention is not to be limited to the specific disclosure but may be modified and embodied in various other forms without departing from its spirit. In short, the invention includes all the modifications and embodiments coming within the scope of the following claims.

Having thus fully described the invention, what is claimed as new, and for which it is desired to secure Letters Patent, is:

1. In a shade roller bracket, a guide frame to be attached to a window frame, an adjustable angle member slidable within said guide frame, said guide frame having a series of locking apertures, and said angle member having a spring strip tongue secured to the outer end thereof for selectively and interchangeably engaging in any one of said apertures.

2. In a shade roller bracket, a guide frame to be attached to a window frame, an adjustable angle member having a base slidable within said guide frame, said guide frame having a series of locking apertures, and said angle member having a spring strip tongue secured to the outer end thereof for selectively and interchangeably engaging in any one of said apertures.

3. In a shade roller bracket, a guide frame to be attached to a window frame, an adjustable angle member having a base slidable within said guide frame, said guide frame having a series of locking apertures, and said angle member having a spring strip tongue secured to the outer end thereof for selectively and interchangeably engaging in any one of said apertures, said tongue extending through said base.

4. In a shade roller bracket, a guide frame to be fixedly secured to a window frame, an adjustable angle member having a base slidable in said guide frame, and an outstanding

leg provided with a spring strip tongue secured to the outer end thereof, said guide frame having a plurality of locking recesses within any one of which said tongue is adapted to be selectively and interchangeably engaged for locking said angle member in the desired adjusted position.

5. In a shade roller bracket, a guide frame to be fixedly secured to a window frame, an adjustable angle member having a base slidable in said guide frame, and an outstanding leg provided with an inwardly-extending spring strip tongue, said guide frame having a plurality of locking recesses within any one of which said tongue is adapted to be selectively and interchangeably engaged for locking said angle member in the desired adjusted position.

6. In a shade roller bracket, a guide frame to be secured to a window frame and having a pair of opposed flanges, an adjustable angle member having a base slidable in said guide frame and also having a leg extending at right-angles to said base, a spring tongue connected by a tubular rivet to the outer portion of said leg, the inner extremity of said tongue having selective releasable interlocking engagement with said base for holding said angle member in any desired adjusted position.

7. In a shade roller bracket, a guide frame to be secured to a window frame and having a pair of opposed flanges, an adjustable angle member having a base slidable in said guide frame and also having a leg extending at right-angles to said base, a spring tongue connected by a tubular rivet to the outer portion of said leg, the inner extremity of said tongue having selective releasable interlocking engagement with said base for holding said angle member in any desired adjusted position, said tubular rivet serving as the socket for the end pintle of a shade roller.

8. In a shade roller bracket, a guide frame to be attached to a window frame, an adjustable angle member slidable within said guide frame, said guide frame having a series of rectangular locking apertures, and said angle member having a spring strip tongue secured to the outer end thereof for selectively and interchangeably engaging in any one of said apertures.

9. In a shade roller bracket, a guide frame to be attached to a window frame, an adjustable angle member slidable within said guide frame, said guide frame having a series of locking apertures, and said angle member having a spring strip tongue secured to the outer end thereof for selectively and interchangeably engaging in any one of said apertures, said tongue having a reduced extremity shaped to fit said apertures.

10. In a shade roller bracket, a guide frame to be fixedly secured to a window frame, an adjustable angle member having a base slid-

able in said guide frame, and an outstanding leg provided with a spring tongue, said guide frame having a plurality of locking recesses within any one of which said tongue is adapted to be selectively and interchangeably engaged for locking said angle member in the desired adjusted position, said base having an enlarged opening to serve as a finger hold for facilitating the adjustment of said base.

In testimony whereof, I have affixed my signature to this specification.

JOSEPH T. PALLADINO.

CERTIFICATE OF CORRECTION.

Patent No. 1,805,995.

Granted May 19, 1931, to

JOSEPH T. PALLADINO.

It is hereby certified that error appears in the printed specification of the above numbered patent requiring correction as follows: Page 2, line 78, claim 5, and page 3, line 2, claim 10, after the word "tongue" insert the words secured to the outer end thereof, and page 3, line 2, claim 10, after "spring" insert the word strip; and that the said Letters Patent should be read with these corrections therein that the same may conform to the record of the case in the Patent Office.

Signed and sealed this 4th day of August, A. D. 1931.

(Seal)

Wm. A. Kinnan,
Acting Commissioner of Patents.