

J. R. BROWN.
ADJUSTABLE WINDOW SHADE BRACKET.
APPLICATION FILED AUG. 3, 1912.

1,062,142.

Patented May 20, 1913.

Fig. 1.

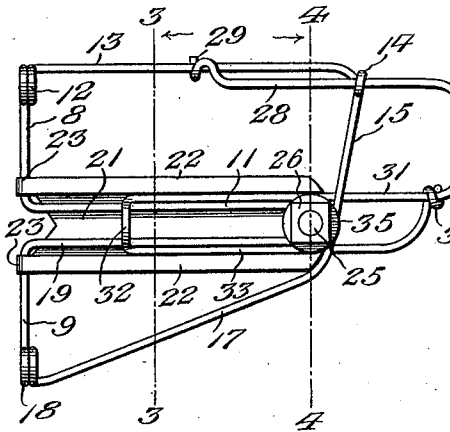


Fig. 2.

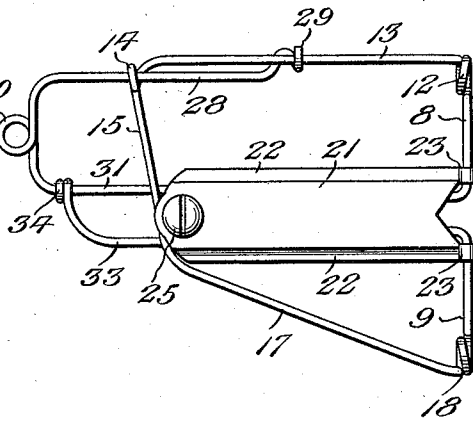


Fig. 3.

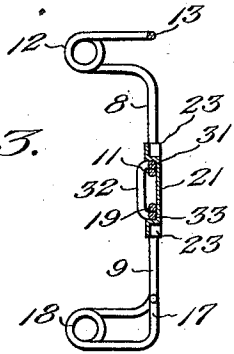


Fig. 4.

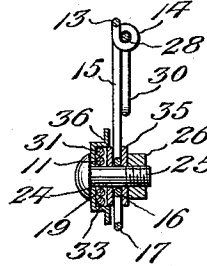


Fig. 7.

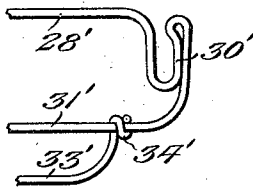


Fig. 5.

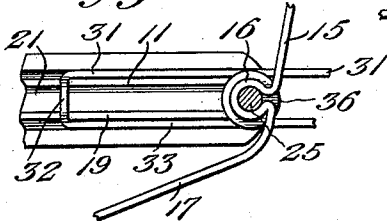
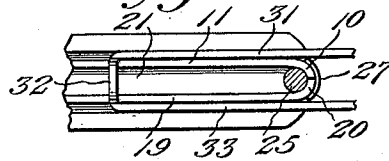


Fig. 6.



Witnesses

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UNITED STATES PATENT OFFICE.

JAMES R. BROWN, OF PAMPA, TEXAS.

ADJUSTABLE WINDOW-SHADE BRACKET.

1,062,142.

Specification of Letters Patent.

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Application filed August 3, 1912. Serial No. 713,174.

To all whom it may concern:

Be it known that I, JAMES R. BROWN, a citizen of the United States, and a resident of Pampa, in the county of Gray and State of Texas, have invented certain new and useful Improvements in Adjustable Window-Shade Brackets, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to certain new and useful improvements in brackets employed to hold window shades, and the object of my invention is to provide an adjustable shade bracket especially adapted to be secured to a window sash, to hold the shade at a distance from the sash and window frame.

Another object is to provide an adjustable bracket, arranged to hold window shades and curtain poles, having a means to lock the pole carrying member, which is adjustably secured to a supporting member.

With these and other objects in view, the present invention consists in the combination and arrangement of parts as will be hereinafter more fully described and finally pointed out in the appended claims, it being further understood that changes in the specific structure shown and described may be made within the scope of the claims without departing from the spirit of the invention.

In the accompanying drawings forming a part of this specification and in which like numerals of reference indicate similar parts in the several views: Figure 1, is an inner face view of a bracket embodying my invention. Fig. 2, is an outer face view of Fig. 1. Fig. 3, is a section on line 3, 3 of Fig. 1. Fig. 4, is a section on line 4, 4 of Fig. 1. Fig. 5, shows a fragmentary detail disclosing the stud eye. Fig. 6, shows a fragmentary view disclosing the arrangement of the parallel wire members in relation to the channel plate. Fig. 7, shows a fragmentary detail disclosing the stud holding eye arranged to receive the square end of a shade roller.

My brackets are intended to be used in supporting and holding curtain poles but is more especially adapted to hold window shades of that class which are wound upon a spring operated roller, generally known as "Hartshorn shade rollers."

In carrying out the aim of my invention, I employ a one piece wire supporting frame, including two straight end portions 11 and

19, which are held in parallel spaced relation. As shown in Fig. 6, each end portion terminates in a curved tip member respectively numbered 10 and 20. From these straight parallel portions 11 and 19, the wire is continued in opposite directions at right angles, to form the upper and lower stand sections 8 and 9, which are continued in the off-set securing ears 12 and 18, shown in Fig. 3. In securing the bracket, suitable nails or screws are introduced into the eyes 12 and 18. From the eye 12, the wire member is continued in the straight guide stem 13, which is continued parallel and in alinement with the portions 11 and 19. As shown in Fig. 1, this guide stem 13 ends in the guide ear 14, from which the wire is continued at an angle, in a forward stem portion 15, ending in the bolt eye 16, shown in Fig. 5. This bolt eye registers with the curved tips 10 and 20, and from this eye the wire is continued in the brace portion 17, forming an integral part of the lower securing eye 18, as shown. In connection with this wire supporting member, I employ a channel guide plate 21, shown in cross-section in Fig. 3. This plate ends in the two nibs 23, 23, shown in Figs. 1 and 2, which are clasped about the stem portions 8 and 9. At the opposite end, the plate is provided with an aperture arranged to receive the bolt 25, the end of the plate adjacent to the bolt aperture being crimped to form the lip 27, more clearly shown in Fig. 6. The curved tips 10 and 20, are held between the crimp 27 and the bolt 25.

Slidably held to the supporting frame and plate is a wire carrying member which includes the terminal ear 29, shown in Fig. 1, engaging the guide stem 13. From this ear the member is continued in the straight stem portion 28, passing through the guide ear 14, from which the wire is continued to form a stud holding eye 30. From this ear the wire is continued in a retrorse section including the two parallel guide stems 31 and 33. As shown in Fig. 3, these guide stems are held between the members 11 and 19, and the sides of the plate 21, a bridge portion 32 uniting the members 33 and 31. The lower member 33 has its end 34 wound about the guide stem 31.

Passing through the aperture 24, indicated in Fig. 4, within the plate is the bolt 25, and held upon this bolt is the washer 36, which rests upon the members 11, 31 19 and 33, as

clearly shown in Fig. 4. The bolt eye 16, as shown in Fig. 5, rests upon the washer 36, and held upon this bolt eye 16, is the upper washer 35, which by means of a nut 26, is held to the bolt eye, in the manner shown.

From the foregoing it will be noticed that I employ a channeled plate 21, having the outstanding edges 22, to which is secured a wire supporting member, while slidably held to this wire supporting member and the plate is a sliding pole or shade roller carrying member, which after being adjusted is clamped to the wire supporting member and plate, by means of a suitable bolt.

As window shades now universally include a spring operated shade roller, which at one end has a round stud, and at the other end a square stud, one of the bracket members must have a square stud eye. In Fig. 7, I have shown the end of the bracket receiving the square stud. In this instance the sliding stem 28' is bent to form the rectangular eye 30', from which is continued a retrorse wire section embracing the members 31' and 33', which are constructed exactly like the members 31 and 33, described. These brackets are made in various sizes and may be secured to the vertical stiles of a window sash, or they may be secured to the sash frame.

A curtain pole or shade roller is secured within the stud eye 30 and 30'. The nut 26, is then loosened so that the carrying member can be shoved away from or toward the window stile. After the pole has been properly adjusted the nut is tightened so that the pole is securely held against casual displacement.

It is of course, understood that the curtain poles or shades can extend through and beyond the stud ears and that the brackets can be made in different sizes.

The device is simple and inexpensive in construction and both durable and efficient in operation, and the curtain carrying member can be readily secured to the bracket.

Having thus described my said invention what I claim as new and desire to secure by United States Letters Patent is:

1. A bracket of the character described, having in combination, a channel plate having one end crimped and apertured and the opposite end provided with securing nibs, of a stationary wire bracket forming member held to said crimp and within said nibs having a guide stem, a wire sliding carrying member having a bolt eye and a terminal ear engaging said guide stem, and a bolt within said aperture and eye, to clamp said

wire members to said plate, as and in the manner set forth.

2. In combination, a channel plate, a wire supporting frame having two straight end portions held within the channel of said plate said supporting frame having two stand portions each including a securing eye, said supporting frame further including an upper guide stem and a lower brace forming portion, a wire carrying member including a terminal ear engaging said guide stem and having a retrorse section including two parallel stems held within the channel of said plate and adjacent to said parallel portions, said carrying member having a suitable stud holding eye, and a bolt to clamp said wire members to said plate, as and in the manner set forth.

3. In combination, a one piece wire supporting frame having two straight end portions held in parallel spaced relation, each end portion terminating in a curved tip said tips contacting, each end portion continued at right angles in an upper and lower stand section, each ending in a securing eye, said stand sections being alined and extending in opposite directions, a guide stem extending from said upper eye parallel to said stem portions ending in a guide ear, from which the wire is continued at an angle in a forward stem portion, ending in a bolt eye, registering with said curved tip, from which the wire is continued in a brace portion forming an integral part of said lower securing eye, a channel guide plate having two nibs encircling said stand portions at one end, and an aperture and crimp at the opposite end, a bolt within said aperture, the tips of said parallel portions held between said bolt and crimp, said parallel portions held within the channel of said plate, a wire carrying member including a terminal ear engaging said guide and continued in a stem passing through said guide ear and continued to form a stub holding eye from which extends a retrorse section including two parallel guide stems held adjacent to said parallel end portions, a bolt within said apertures and passing through said bolt eye, and a nut upon said plate to clamp said parallel members between said plate and bolt eye.

In testimony whereof I affix my signature, in presence of two witnesses.

JAMES R. BROWN.

Witnesses:

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A. E. BARRETT.