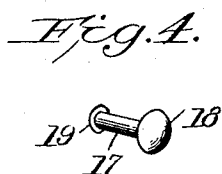
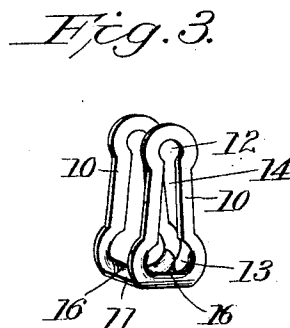
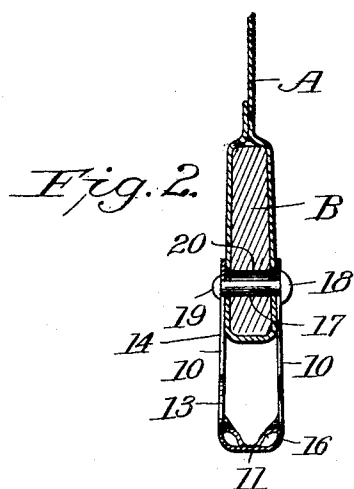
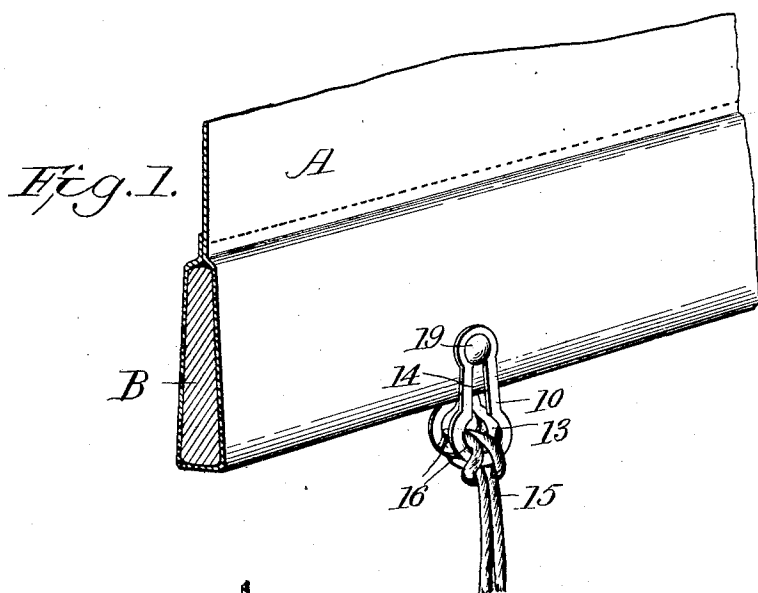


No. 829,320.

PATENTED AUG. 21, 1906.

M. J. CLARK.
SHADE PULL.

APPLICATION FILED JUNE 6, 1906.



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SHADE-PULL.

No. 829,320.

Specification of Letters Patent.

Patented Aug. 21, 1906.

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To all whom it may concern:

Be it known that I, MARY JANE CLARK, a citizen of the United States, residing at Boston, in the county of Suffolk and State of Massachusetts, have invented certain new and useful Improvements in Shade-Pulls, of which the following is a specification.

This invention relates to devices for attaching tassels or cords to shades to facilitate the raising and lowering of the shades; and the object of my invention is to provide an attachment of this character which may be readily applied in place and will be absolutely proof against being pulled away without breaking the stiffening-strip that is usually employed in a hem at the lower edge of the shade or curtain.

The most common device heretofore used for this purpose is the screw-eye, which is screwed through the fabric of the shade or curtain underneath the stiffening-strip and into said strip. Frequently the screw becomes loose and pulls out, resulting in permitting the shade to be rolled up closely under the influence of the spring of its roller, so that it is inconvenient to reach the shade again and pull it down, and after this has been done and the screw-eye returned once or twice to position the hole in the strip which received the screw becomes worn, so that it is necessary to screw it into a different place, thus requiring the making of a new hole in the fabric and the setting of the screw-eye at one side of a correct central position.

In carrying out my invention I provide a U-shaped loop or member, preferably of sheet metal, said member being adapted to have the usual pulling-cord or tassel attached thereto, and a double-headed pin passing through said member and horizontally through the stiffening-strip above its lower edge, the heads of said pin holding said member firmly and permanently in position until such time as it may be desired to detach it.

To these ends my invention consists in the construction and combination of parts substantially as hereinafter described and claimed.

Of the accompanying drawings, Figure 1 is a perspective view of my improved attachment and showing a portion of a shade or curtain and stiffening-strip to which my device is attached. Fig. 2 represents a vertical sectional view through the strip and shade-hem and the attached U-shaped member. Fig. 3 is a perspective view of the loop de-

tached. Fig. 4 is a perspective view of the pin which connects the loop to the shade. The figures of the drawings represent the attachment as somewhat enlarged beyond the size employed for ordinary shades.

Similar reference characters indicate the same or similar parts in all of the figures.

A portion of the shade fabric, such as the linen usually employed, is indicated at A, said fabric having a hem which receives the usual stiffening-strip B.

The attachment comprises a U-shaped member having sides 10, which are connected by a bottom portion 11. Each side 10 is formed with an eye 12 in its upper portion, an opening 13 below said eye and of a size greater than the eye, the eye and opening on each side being connected by a vertical slot 14. The tassel or pulling-cord, a portion of which is indicated at 15, is passed through the openings 13 of the two sides of the attachment and secured in any usual or well-known manner. In order that the said cord may not become unduly frayed or worn, the lower edges of the openings 13 are preferably formed rounded, as by bending said edges inward, as indicated at 16.

A pin 17, having heads 18 and 19, is employed to connect the U-shaped member to the stiffening-strip. Preferably one of the heads is larger than the other, as indicated in Fig. 4. Said larger head may be made of any size desired and may be considerably ornamented, said head being usually the one that will show at the side of the shade that is most noticeable. One of the heads, however, will be of a size not very much larger than the eyes 12 for a reason that will be presently described.

By any suitable means a hole, such as indicated at 20 in Fig. 2, is formed through the strip B considerably above its lower edge. When this hole is formed after the shade has been hung, such as when my device is employed to replace the ordinary screw-eye, an ordinary gimlet of approximately the proper size will be sufficient for the purpose, holes being also made, of course, through the shade fabric. Preferably the hole 20 will not be larger than the head 19 of the pin 17. It may even be somewhat smaller, since the wood will yield to enable the head of the pin to be pushed through.

When the attachment is to be applied, the U-shaped member is first pushed upward far enough so that the openings 13 of the sides

will be opposite the ends of the hole 20. Then the pin is pushed through until the inner face of its larger head engages and overlaps the outer face of one of the sides 10. The U-shaped member may then be pulled down, the slots 14 permitting this to be done, until the parts assume the positions shown in Figs. 1 and 2. Since both of the heads of the pin are larger than the eyes 12, the pin cannot escape excepting by first positively pushing said member upward. When said member is made of sheet metal, it will ordinarily be formed so that its sides will have a spring-pressure inward against the shade fabric and the strip, so that it cannot be accidentally slipped upward, so as to permit the pin to escape endwise through the larger openings 13. When the device is in position as described, the metal around the eyes will cover the front and rear holes that have been formed in the shade fabric, so that there will be none of the frayed appearance that is commonly noticed around screw-eyes and some other devices that have been employed for this purpose.

I claim—

1. An attachment for a window-shade stiffening-strip comprising a U-shaped member having sides adapted to bear on curtain or shade fabric inclosing said strip, said sides being connected at their lower portions and each having an eye in its upper portion an opening of greater size below the eye and a slot connecting the eye and opening, and a double-headed pin adapted to be passed through the said openings and to be shifted along said slots to the eyes, the heads of the pin being of greater diameter than the eyes whereby said heads may hold the upper portions of said member against the outer sides of the fabric around the stiffening-strip.

2. An attachment for a window-shade stiffening-strip comprising a U-shaped mem-

ber having slotted sides and formed with eyes or openings at the ends of the slots, and a pin having a permanent head at each end, one head being larger than the other, said pin being adapted to be passed through the openings in said member at one end of the slots and to permit a relative movement so as to extend through the eyes at the other end of the slots.

3. The combination with a shade and its stiffening-strip, the latter having a transverse hole above its lower edge, of a U-shaped member having connected side portions, said side portions being formed with eyes and with openings of larger diameter than the eyes, and slots connecting the openings and eyes, and a double-headed pin having its heads engaging the outer surfaces of the sides of said member and holding them against the outer surfaces of the fabric and strip.

4. An attachment for a window-shade stiffening-strip comprising a U-shaped member having sides adapted to bear on shade fabric inclosing said strip, said sides being connected at their lower portions and each having an eye in its upper portion an opening of greater size below the eye and a slot connecting the eye and opening, the metal at the lower edge of each opening being bent or rounded to prevent wear of a cord engaged therewith, and a pin having permanent heads one of which is larger than the other and adapted to be shifted along said slots to the eyes.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

MARY JANE CLARK.

Witnesses:

WALDO H. CHANDLER,
CATY N. ELDRIDGE.