Aug. 12, 1941. W. WADE 2,252,359

WINDOW SHADE RING PULL

Filed Nov. 9, 1939

Fig. 1.

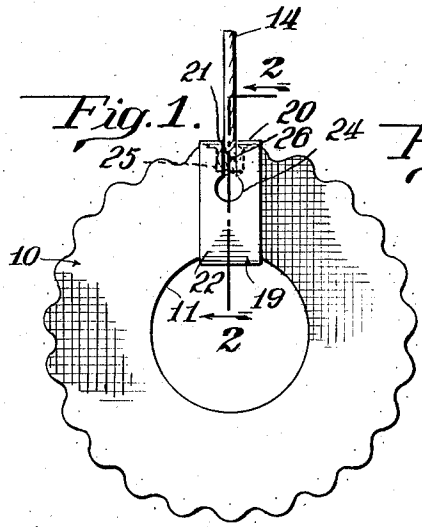


Fig. 2.

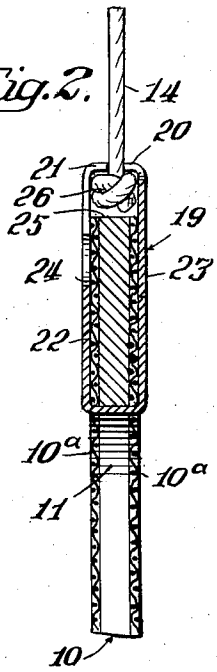
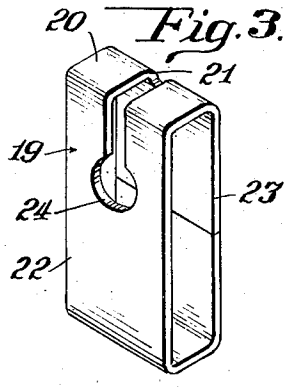


Fig. 3.



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2,252,359

WINDOW SHADE RING PULL

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Application November 9, 1939, Serial No. 303,643

3 Claims. (Cl. 156—40)

My invention relates to ring pulls for window shades—namely the type of flexible or cloth shade controlled by a spring roller—and particularly to the construction of the finger grasping ring as well as the method of securing the pull cord thereto.

The invention contemplates forming the body of the rings of thin sheet material, as for example fibre board or suitable cardboard and preferably providing the outer and inner perimeters with thin metal binding which may be crimped thereon, while the usual pull cord is secured to the ring by a metallic clip; the object of the invention being to produce ring pulls which may be stamped out of sheets of inexpensive material which may be of color matching the color of the shade material and may be renewed or replaced when occasion requires, while at the same time eliminating the objections encountered with the usual present day type of ring pulls.

The invention and its advantages will be readily comprehended from the detailed description of the accompanying drawing, wherein:

Figure 1 is a side elevation illustrating the invention.

Figure 2 is a sectional view, somewhat enlarged, taken on the line 2—2 of Figure 1.

Figure 3 is a perspective view of the cord holding clip employed in Figure 1.

Shade ring pulls heretofore have been formed with flat metallic rings and suitable cord wound about or crocheted—either by hand or by machine—about the flat metal ring and the encircling crocheted cord arranged to constitute the pull-cord, or the ends of the pull-cord secured in place by the ring encircling wound or knitted cord.

Aside from the expense in manufacture, these ring pulls, after more or less use, frequently become soiled and worn causing the ring encircling cord to fray or ravel out, allowing the pull-cord to become loose or become disconnected.

My invention contemplates forming the rings 10 from a thin blank or sheet of self-sustaining fibrous material, for example fibre-board or cardboard which may be readily stamped out or cut, and provided with a suitable sized central hole 11. The outer perimeter, for decorative purposes, may be scalloped as shown in the drawing.

When the ring 10 is made of cardboard I prefer to bind or surround the outer and inner perimeters thereof with thin channeled strips of metal. The cardboard or body of the ring may be in color to match the color of the shade with which it is to be used; and the metal edging or binding may likewise be colored and embellished in simulation of crocheting.

In the drawing, I disclose a cord holding clip which permits the pull-cord to be easily removed, should occasion require, without the necessity of disturbing the clip in its relation with the ring proper.

The ring 10 is stamped or cut out of a blank of thin sheet material with a plain or scalloped outer perimeter. The ring in this instance is shown with a covering of suitable moisture resisting material, such as shade cloth which is preferably applied to the blank prior to cutting the rings; the cloth covering, secured in place with a suitable adhesive, is indicated at 10^a in Figure 2.

The cord holding clip 19 is formed from a flat strip of metal bent into inverted U-shape and the top or closed end 20 provided with a transversely disposed slot 21 which extends down into the two legs or sides 22, 23 of the clip and terminates at one end in an opening 24 in the leg or side 22, the hole 24 being of diameter slightly greater than the width of the slot 21.

In this construction, the ring 10 at its outer perimeter is provided with a small notch or cut-out as shown at 25 in Figure 2 with which the slot 21 and hole 24 of the clip 19 are intended to register when the clip is applied as shown in Figure 1, namely with the closed slotted end of the clip disposed about the outer perimeter of the ring 10.

The ends of the pull-cord 14 are tied together into a small knot, as shown at 26, adapted to be forced through the hole 24 but not capable of being pulled through the main portion of the slot 21.

The clip 19 is placed about the notched or slotted portion of the outer perimeter of the ring so as to bring the slot 21 and hole 24 of the clip in register with the notch or slot in the ring and the ends of the clip are then pressed into intimate relation with the sides of the ring 10. The knotted end of the pull-cord 14 is then forced into or drawn through the hole 24—the string extending through the slot in the top portion 20 of the clip; and as the other end of the slot 21 in the clip 19 is not enlarged, the knotted end of the string cannot be drawn through the opposite side of the ring, see Figure 2.

The exemplification of the invention has been described in terms employed for purposes of description and not as terms of limitation, as modi-

fications are possible and may be made without, however, departing from the spirit of the invention as expressed in the appended claims.

What I claim is:

1. In a window shade ring pull consisting of a flat faced ring and a pull-cord, a ring holding clip adapted to extend flush with the ring sides and composed of a metallic strip bent into elongated closed ended loop form, the strip being provided with a longitudinally disposed slot enlarged at one end, the slotted portion of the strip being bent intermediate of the ends of the slot to extend across the outer perimeter of the ring with the enlarged end of the slot in contact with one side of the ring while the imperforate portion of the strip extends through the ring opening and into engagement with the other side of the ring.

2. A window shade ring pull consisting of a flat faced ring of fibrous material and a pull-cord with its end knotted, a pull-cord holding metallic clip of elongated loop form with bendable ends arranged at one side of the loop, one portion of the loop being adapted to extend through the central opening of the ring while another portion is adapted to extend across the outer perimeter of the ring, said last mentioned portion having a slot for passage of the pull-cord, one end of the slot being disposed at one side of the loop and enlarged for passage of the knotted end of the pull-cord therethrough.

3. In a window shade ring pull, a pull-cord holding metallic clip consisting of an elongated metal strip bent to provide an elongated flat-sided loop whose ends are unconnected and disposed in juxtaposition at one side of the loop, the upper end of the clip having a longitudinally disposed slot whose one end terminates at the closed side of the clip and is enlarged for passage of a knotted pull-cord therethrough.

WILLIAM WADE.