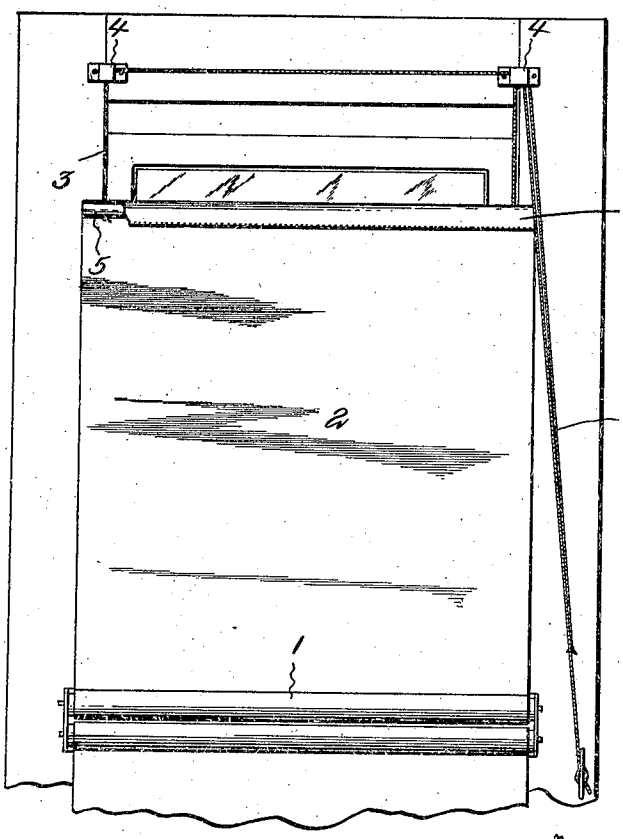
Sept. 25, 1923. 1,469,133

J. F. WOLFE

METHOD OF FASTENING SHADE OPERATING CORDS

Filed Sept. 12, 1921

Fig. 1.



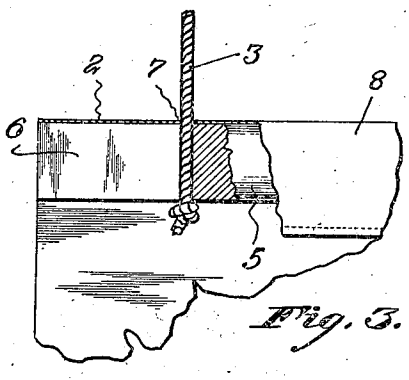
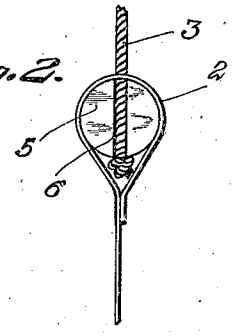


Fig. 3.

Fig. 2.



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Witness:

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Patented Sept. 25, 1923. 1,469,133

UNITED STATES PATENT OFFICE.

JESSE F. WOLFE, OF SAN ANTONIO, TEXAS.

METHOD OF FASTENING SHADE-OPERATING CORDS.

Application filed September 12, 1921. Serial No. 499,869.

To all whom it may concern:

Be it known that I, JESSE F. WOLFE, a citizen of the United States, residing at San Antonio, in the county of Bexar and State of Texas, have invented new and useful Improvements in Methods of Fastening Shade-Operating Cords, of which the following is a specification.

This invention relates to novel means for connecting the controlling cords through a shade or curtain, the invention being mainly designed for use with shades, the roller of which is located at the bottom or center of the window and the shade is pulled upwardly by operating cords which pass over pulleys at the top of the window, the object of the invention being to provide means whereby the cords are firmly connected with the curtain so that there is no danger of the cords being detached or the shade being damaged.

This invention also consists in certain other features of construction and in the combination and arrangement of the several parts, to be hereinafter fully described, illustrated in the accompanying drawings and specifically pointed out in the appended claim.

In describing my invention in detail, reference will be had to the accompanying drawings wherein like characters denote like or corresponding parts throughout the several views, and in which:—

Figure 1 is a view showing a part of a window with a shade having its operating cords secured thereto in accordance with my invention.

Figures 2 and 3 are enlarged detail views showing the means for attaching the cords to the shade.

In these views the roller 1 of the shade 2 is shown as being connected with the window casing adjacent the center thereof with the shade designed to be pulled upwardly over the upper part of the window by means of the cords 3 which pass over pulleys 4 at the top of the casing, said cords extending downwardly to within convenient reach of the operator.

It has been the practice to connect the cords with the shade by placing eyelets, screw eyes, shade clasps or pulls in the shade slat which is located in a hem at the end of the shade. Holes have also been made in this slat and the cords threaded therethrough. Both of these practices result in the weakening of the slat.

In carrying out my invention I may place a strip 5 in the hem 8 at the end of the shade which is of considerable thickness or diameter so that there is no danger of its warping or breaking under the strain of a heavy shade and strong spring. The ends of this strip are provided with slots 6 and the shade is provided with holes 7 which are adapted to register with the inner ends of the slots so that the operating cord can be threaded into a hole 7 and through the slot 6 and have its extremity knotted to prevent it from being drawn through the slot.

It will thus be seen that the cords are firmly connected with the shade and that they can be easily and quickly put in place. The knot is entirely hidden from view so that a neat and attractive appearance is given to the shade. While the drawing shows the slat 5 as being round it will of course be understood that it can be made of any desired shape.

It is thought from the foregoing description that the advantages and novel features of my invention will be readily apparent.

I desire it to be understood that I may make changes in the construction and in the combination and arrangement of the several parts, provided that such changes fall within the scope of the appended claim.

What I claim is:—

A shade having a hem at one end, a shade stick disposed in the hem and provided with longitudinal slots entering its respective ends, said hem having an opening through its wall adjacent each end, each opening being positioned to register with the inner end of the respective slots, a control cord for each end of said shade, each cord having one terminal passed through the respective opening and slot and knotted, said knot being disposed within the hem as and for the purpose specified.

In testimony whereof I affix my signature.

JESSE F. WOLFE.