

(No Model.)

L. G. TURNER.
WINDOW SHADE PULL.

No. 266,926.

Patented Oct. 31, 1882.

fig. 1

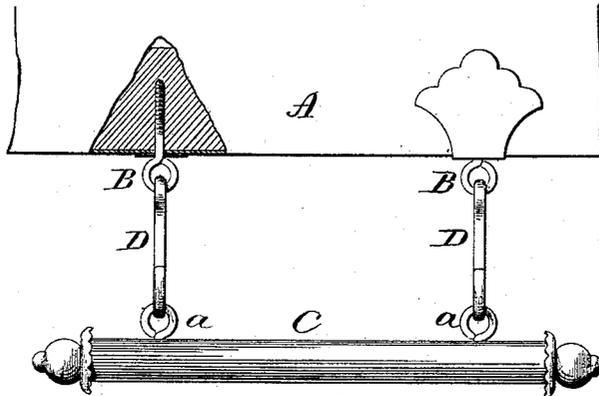
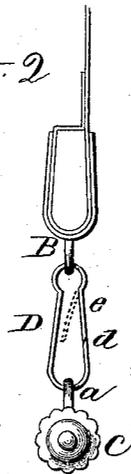


fig. 2



Witnesses.

J. H. Shuman
Jos. C. Earle

Luther G. Turner
Inventor
By Atty.

J. C. Earle

UNITED STATES PATENT OFFICE.

LUTHER G. TURNER, OF TORRINGTON, CONNECTICUT.

WINDOW-SHADE PULL.

SPECIFICATION forming part of Letters Patent No. 266,926, dated October 31, 1882.

Application filed August 10, 1882. (No model.)

To all whom it may concern:

Be it known that I, LUTHER G. TURNER, of Torrington, in the county of Litchfield and State of Connecticut, have invented a new Improvement in Window-Shade Pulls; and I do hereby declare the following, when taken in connection with accompanying drawings and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent, in—

Figure 1, a front view; Fig. 2, a side view.

This invention relates to an improvement in pulls designed to be attached to the stick in the lower edge of a window-shade to form a convenient means for drawing down the shade. Tassels, loops, rings, and like devices have been attached to the shade-stick by means of a single screw-eye. A bar parallel with the stick has also been attached to a shade-stick by a single eye, with two branches running from the eye, one toward each end of the bar, and there connected, so as to hold the bar in a horizontal position; but when the pull is thus attached it is liable to twist out of the plane of the shade, and thus lose its otherwise attractive appearance. To obviate this difficulty two screw-eyes have been introduced into the stick, each corresponding to the point of attachment to the bar, and a chain extending from each screw-eye to the bar holds the bar in plane parallel with the shade, but it is difficult of attachment, for the reason that the screw-eyes cannot both be screwed into the stick without detachment from the bar. This detachment is produced by prying open the connecting-link, and then, after the screw-eyes have been attached, rebending the link again to hold it; but this operation unavoidably mars or defaces the connection. These are serious objections to the bar-pull.

The object of my invention is to overcome these difficulties; and it consists in combining with the bar and the two screw-eyes by which it is attached a spring-hook connection between the bar and the eyes, whereby detachment and re-engagement may be made without the usual opening and defacing of the connection, as more fully hereinafter described.

A represents the shade-stick, arranged in the lower edge of a shade in the usual manner. B B are two screw-eyes screwed into the stick, corresponding to the loops *a a* on the bar C, which is to be attached to the shade.

D D are two snap-hooks, formed in a single piece of elastic metal, bent into link shape, the two ends meeting, as at *d*, their meeting ends inclined, so that the tongue part *e* will bear against the point of the hook with elastic pressure, and so that it may be bent back from the point of the hook, as seen in broken lines, Fig. 2. As prepared for market the hooks D are engaged with the bar, and provided each with its screw-eye B.

Whenever it is desired to apply the pull to the shade one or both hooks are disengaged from the bar, or from its eye, and the eyes screwed into the stick, and then the hook re-engaged, the re-engagement being made by simply depressing the tongue in the usual manner for operating snap-hooks. Thus the pull is applied without the usual bending and rebending of the links or connecting parts, and at any time the bar may be detached by simply opening the hooks and some other bar put in its place, or to repair, or for any purpose for which the removal of the bar is desirable.

The hook may be made a highly-ornamental part of the pull, and by it I overcome all objections to this class of shade-pulls.

One of the connections, D, may be a solid or closed link, it only being essential that one shall be a spring-hook, so as to open for the disconnection or connection of the bar.

I claim—

The herein-described window-shade pull, consisting of the bar C, combined with two eyes for attachment to the stick, and with a spring-hook connection between the said eyes, and corresponding points on the bar, substantially as described.

LUTHER G. TURNER.

Witnesses:

JOS. C. EARLE,
J. H. SHUMWAY.