

(No Model.)

A. B. DUNKLE.
CURTAIN FIXTURE.

No. 531,519.

Patented Dec. 25, 1894.

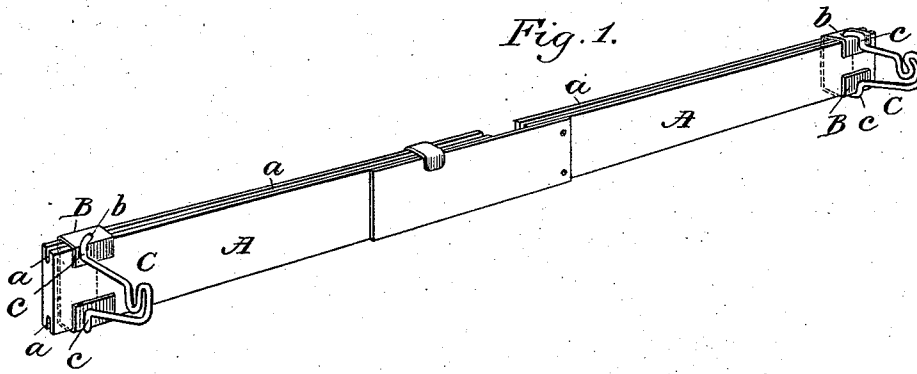


Fig. 2.

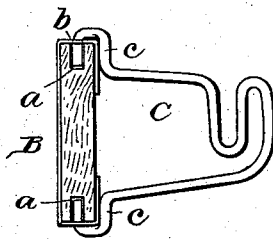


Fig. 4.

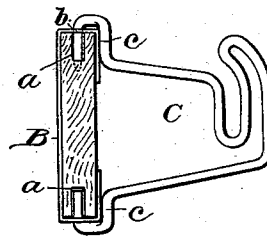
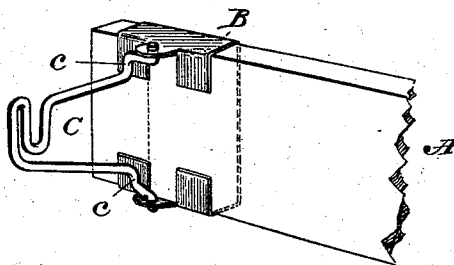


Fig. 3.



Witnesses

L. A. Cormier
Charles P. Moore

Inventor

Abraham B. Dunkle
by *Charles L. Sturtevant*
his Attorney

UNITED STATES PATENT OFFICE.

ABRAHAM B. DUNKLE, OF STEELTON, PENNSYLVANIA.

CURTAIN-FIXTURE.

SPECIFICATION forming part of Letters Patent No. 531,519, dated December 25, 1894.

Application filed February 17, 1893. Serial No. 462,766. (No model.)

To all whom it may concern:

Be it known that I, ABRAHAM B. DUNKLE, a citizen of the United States, residing at Steelton, in the county of Dauphin and State of Pennsylvania, have invented certain new and useful Improvements in Curtain-Fixtures, of which the following is a description, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

My invention relates to an improvement in curtain fixtures, and particularly to a window shade strip provided with brackets in which the ends of the shade roller are hung, and my object is to provide a device which can be readily adjustable to accommodate different widths of shades; which can be manufactured at a comparatively slight cost, and which can be adjusted to the proper position by the purchaser or consumer, thus doing away with the necessity of employing skilled workmen to put the same into position.

The invention may be applied to any of the well known extension strips now on the market, such for example, as shown in Letters Patent No 398,137, or it may be applied to an ordinary non-adjustable shade strip.

The invention comprises various details of construction and arrangements of parts, all as hereinafter described and referred to in the appended claims.

My invention is illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of my device. Fig. 2 is an end view; and Fig. 3 is a view showing a modified arrangement for supporting the roller brackets. Fig. 4 is an end view showing in dotted lines the means for rigidly securing the brackets to prevent sliding.

In the drawings A represents the window shade strip which may be made extensible or not as desired. Instead of having the strip extending entirely across the window, short strips only may be provided on the sides of the window casing. The strip A is preferably grooved on its upper and lower edges as shown at *a*. Encircling the strip, either partially or wholly, is a band B of tin or other suitable material preferably spring metal as hereinafter specified having openings *b* as shown. These bands B are preferably made to fit

snugly upon the strip A so that accidental sliding may be prevented. The openings *b* through the bands B are to permit of the insertion of the ends of the brackets C which support the shade rollers.

The brackets C are preferably made of spring wire bent to form loops for the reception of the ends of the shade rollers and having stops *c* adapted to bear against the strip and limit the outward movement of the brackets. These brackets being of spring wire are adapted to be sprung into place in the openings *b* and the ends projecting into the grooves *a* are guided thereby so that the band and bracket may be adjusted along the strip to any desired position.

I have shown in Fig. 3 a modified form of my invention in which ears or sockets are provided on the band, the ends of the resilient roller bracket being sprung into position therein, and as herein shown the portions of the collar upon either side of the eye form spring members which bear upon the strip. In this form of my invention it is not necessary to groove the edges of the strip.

In both constructions it will be noticed that when not in use the roller bracket can be folded against the side of the strip. It will also be noticed that the parts can all be made and sold separately, as no special tools are required for putting the parts into position for use.

In the drawings I have shown the brackets provided with shoulders to limit their outward movement, though it is obvious that the shoulders may be dispensed with and the movement of the brackets limited by stops placed upon the band in the one case, or the ears in the other.

In the use of my invention I intend to construct the band B of tin or some material having spring properties so that it will bear against the strip with such force that accidental sliding will be prevented. I may fasten the band rigidly by means of nails, screws or the like, or I may, and preferably do, employ the means illustrated in Fig. 4 of the drawings in which one or both ends of the brackets are made of a length greater than the depth of the grooves, so that after the band has been brought to the desired posi-

tion, a slight blow upon the bracket above the end will drive this end into the wood of the strip. In the figure embodying this idea I have also shown the upper and forward part 5 of the bracket carried above the body portion thereof and some little distance beyond the slot for the reception of the roller bearing, thus making it impossible for the roller to spring out of its bracket.

10 Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A support for window shades and the like comprising a strip, a band or collar sliding thereon provided with suitable bearings, 15 and brackets provided with stops and having their inner ends pivoted in said bearings; substantially as described.

2. A support for window shades and the like, comprising a strip, a collar sliding thereon and spring pressed against the same, and roller brackets pivotally supported on said collar, substantially as described.

3. A support for window shades comprising 25 a strip having grooves in its edges, a band or collar sliding thereon and having perforations registering with said grooves, and roller brackets having their ends pivoted in said perforations and passing into the grooves whereby 30 the bracket is guided; substantially as described.

4. In combination with a strip having a groove in one of its edges, a pivoted roller bracket provided with a lug fitting in said groove; substantially as described. 35

5. In combination with a strip having grooves in its edges, a roller bracket provided with lugs fitting in said grooves, one of said lugs being of a length greater than the depth of the groove into which it enters; substan- 40 tially as described.

6. In combination with a strip having grooves in its edges, a collar sliding upon said strip, perforations in said collar registering with said grooves, and a roller bracket pro- 45 vided with lugs fitting in said perforations, one of said lugs being of a length greater than the depth of the groove into which it enters; substantially as described.

7. The combination with the sleeve, adapted 50 to partially surround a strip of material or other suitable support, said sleeve having perforated ears thereon, of a bracket provided with pintles adapted to bear in the perforations in the ears, whereby a hinged connec- 55 tion is formed; substantially as described.

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

ABRAHAM B. DUNKLE.

Witnesses:

CHARLES H. BABB,
FRANK KNODERER.