

No. 626,785.

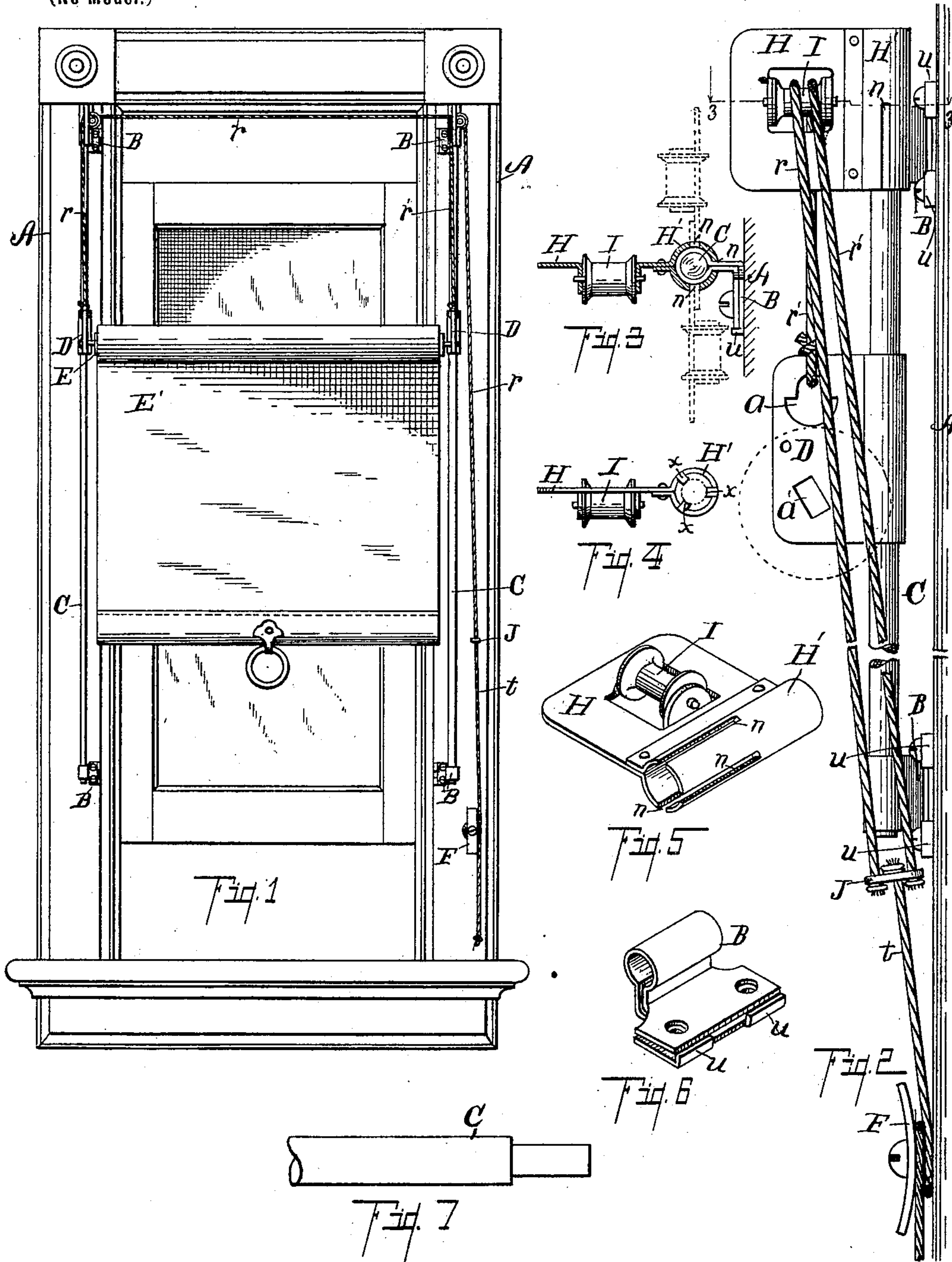
Patented June 13, 1899.

O. M. GAWNE, C. H. WHITE & W. E. COOK.

WINDOW SHADE HOLDER.

(Application filed June 18, 1898.)

(No Model.)



Witnesses:

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UNITED STATES PATENT OFFICE.

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WINDOW-SHADE HOLDER.

SPECIFICATION forming part of Letters Patent No. 626,785, dated June 13, 1899.

Application filed June 18, 1898. Serial No. 683,810. (No model.)

To all whom it may concern:

Be it known that we, ORVILLE M. GAWNE, CASSIUS H. WHITE, and WALTER E. COOK, citizens of the United States, residing at the city of Adrian, in the county of Lenawee and State of Michigan, have invented certain new and useful Improvements in Window-Shade Holders, of which the following is a specification.

10 This invention relates to improved adjustable window-shade holders whereby the roller of an ordinary window-shade can be raised or lowered to expose the upper portion of a window.

15 This invention is an improvement on that style of window-shade holder having rods at each side parallel to each other on which suitable brackets are adjustable for supporting the shade-roller.

20 The objects of this invention are to simplify the construction of the bracket for supporting the guiding-rods, and also to provide brackets for the pulleys or guides, which are easily adjustable on the brackets, and so that
25 the same kind of a bracket in each instance can be used in any position requiring a bracket in the entire apparatus. By this means also the structure can be adapted for inside use—that is, for use within the window-frame—or
30 it can be placed outside upon the window-casing.

A further object is to provide an improved means of clamping the rods in the bracket.

35 Still further objects will appear in the description to follow.

We accomplish these objects of our invention by the devices and means described in this specification.

40 The invention is clearly pointed out and defined in the claims.

The structure is fully illustrated in the accompanying drawings, forming a part of this specification, in which—

45 Figure 1 is an inside elevation of a window with one of our improved holders in use. Fig. 2 is an enlarged detail side elevation taken from the right-hand side, the view being in broken sections. Fig. 3 is a transverse detail sectional view taken on line 3 3 of Fig.
50 2, looking down, the positions to which the

bracket H is adjustable being indicated by dotted lines. Fig. 4 is an inverted plan view of the bracket H appearing in Fig. 3. Fig. 5 is an enlarged detail perspective view of the same. Fig. 6 is an enlarged detail perspective view of the bracket for supporting the rods, the same being shown in its unclamped position. Fig. 7 is a detail view of the end of a rod of large size, showing how the same should be shouldered to avoid the necessity
55 of constructing different-sized brackets for the same.

In the drawings similar letters of reference refer to similar parts throughout the several views.

65 Referring to the lettered parts of the drawings, A is the window-casing.

B B B B are the brackets which hold and support the upright guiding and carrying rods C, which rods are preferably round, though
70 they may be of any form. The brackets are made by a fold of sheet metal tightly embracing the rod and the two sides being extended to form a base, the same being offset to one side to admit the insertion of suitable screws
75 or nails in the holes in the base. The under portion is formed with upturned lugs or ears *u u*, which embrace the upper leaf of the base like a clasp, so that the bracket can be clasped
80 securely onto the rod and will hold the same without depending on the tension of the screws. The open space between the lugs is left to insert the blade of a knife or screw-driver to loosen the clasp. This bracket, it
85 will be observed, is very small and compact though very efficient and strong.

The bracket for carrying the guide-roller is made independent of the bracket for supporting the rod, and it consists of a plate H, having a fold H' of sufficient size to embrace
90 the cylindrical or clamping portion of the bracket B. This portion contains three slots *n* of sufficient width to embrace the doubled plates to the inside of the bracket B, permitting the bracket to be set square out, as appears in Figs. 2 and 3, or when the bracket
95 is put inside the frame the bracket can be swung parallel to the same either in or out, as appears in the dotted lines in Fig. 3, thus enabling the same fixture to be used outside
100

on the casing or inside on the window-frame. Little lugs x are projected inwardly at the bottom of each slot n to serve as stops on all sides of the cylindrical portion of the bracket.

5 The slide D contains perforations a and a' to receive the journal or fixed stub usually provided on the ends of spring-rollers to support the same, the operation of which will be clear from a bare inspection. Cords $r r'$ pass
10 over the pulleys I on the brackets above and are secured to the slides D, whereby the curtain-roller is raised and lowered. We provide a cross-plate J at the lower ends of these cords $r r'$, through which the same are ex-
15 tended and swiveled, as in Fig. 2. A single cord t is swiveled at the center of the plate J and passes down to manipulate the same, where it is wound onto any suitable cleat or holder F. We prefer to use brackets B of
20 a uniform size, and as they are of sufficient strength for holding the heaviest rods when a heavy apparatus is in place we turn shoulders on the rod to receive the bracket.

When in place in a window, the entire
25 shade and roller are readily raised and lowered from the cord t , as will be easily understood from a bare inspection of the same.

Having thus described our improved window-shade holder, we desire to state that the
30 details of the same can be considerably varied without departing from our invention.

The bracket H with the slots therein could be adapted to adjust on the guiding-rod with other styles or brackets.

35 The arrangement of the cord with the swivels is applicable to any window-shade holder of this class.

Having thus described our invention, what we claim as new, and desire to secure by Letters Patent, is—

1. In a window-shade holder of the class described the combination of the rod C, a bracket B, formed of sheet metal wrapped around the same and extended to form a base having lugs u, u , on the lower leaf of the base to engage the upper leaf to clasp the rod and a bracket H, having a cylindrical engaging portion with slots n , to embrace the rod C, and engage the bracket B, so that it can be adjusted to different positions and a pulley I
50 on said bracket H coacting for the purpose specified.

2. In a window-shade holder of the class described the combination of the rod C, a bracket B, formed of sheet metal wrapped
55 around the same and extended into adjacent leaves to form a base having lugs u, u , on the lower leaf of the base to engage the upper leaf to clasp the rod as specified.

3. In a window-shade holder, the combination of a suitable guide-rod for the roller of the shade, of an adjustable bracket to fit on said guide bearing a suitable guiding-pulley for the adjusting-cords for the purpose specified.
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In witness whereof we have hereunto set our hands and seals in the presence of two witnesses.
65

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Witnesses:

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