

(No Model.)

J. M. HOFFMAN.
ADJUSTABLE WINDOW SHADE SUPPORT.

No. 518,737.

Patented Apr. 24, 1894.

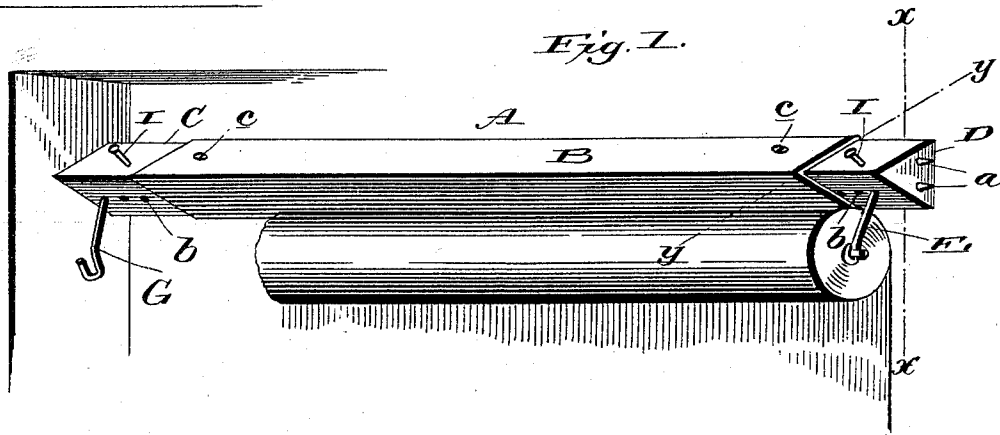


Fig. 2.

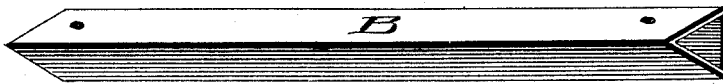


Fig. 3.

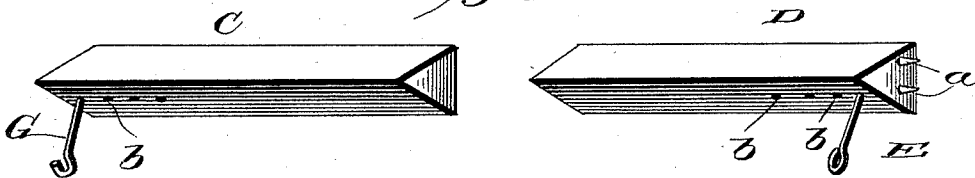


Fig. 5.

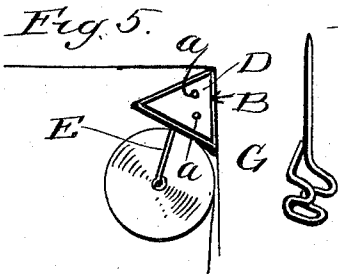


Fig. 7.



witnesses:

L. C. Mills
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Inventor:

Jeremiah M. Hoffman,
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UNITED STATES PATENT OFFICE.

JEREMIAH M. HOFFMAN, OF CRESSONA, PENNSYLVANIA.

ADJUSTABLE WINDOW-SHADE SUPPORT.

SPECIFICATION forming part of Letters Patent No. 518,737, dated April 24, 1894.

Application filed January 12, 1894. Serial No. 496,654. (No model.)

To all whom it may concern:

Be it known that I, JEREMIAH M. HOFFMAN, a citizen of the United States, residing at Cressona, in the county of Schuylkill and State of Pennsylvania, have invented certain new and useful Improvements in Adjustable Window-Shade Supports; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention relates to certain new and useful improvements in supports for window shades, and it has for its object to provide a simple and inexpensive device of the character named, which may be readily adjusted so as to adapt it to use in connection with shades of different lengths and in windows of various widths.

To these ends and to such others as the invention may pertain, the same consists essentially of a triangular bar of wood or metal adapted to be fitted within the triangular space above and in the rear of the shade-roller on the vertical or horizontal plane of the window frame on which said roller is placed. The triangular form of the bar affording the greatest strength within the smallest compass and a most substantial base for the shade brackets whose shanks and eyelets consist of screw-eyes adjustably secured upon said bar as hereinafter described. This construction brings the shade closely against the face of the window frame instead of displacing the shade by interposing the support between the roller and the window frame, as is customary with the use of other shade supports.

The invention further consists in making the bar in three separate sections two of which are adapted to telescope within the ends of the third section which consists of a hollow triangular ferrule, said ferrule being preferably of a length corresponding with the combined lengths of the two end sections, so that when the said end sections are slid into the ferrule to their full limit, the minimum length of the complete bar is produced.

The invention is fully illustrated in the accompanying drawings, which with the letters

of reference marked thereon form a part of this specification, and in which drawings—

Figure 1, is a perspective view of my improved window-shade support, the same being shown in position for use upon a window frame, with parts broken away. Fig. 2 is an enlarged detail in perspective of the ferrule or central section of the triangular bar, and, Fig. 3, is a like view of one of the end sections of the bar removed from the ferrule. Fig. 4, are perspective details of modified forms of brackets. Fig. 5 is a cross section of the shade roller and support.

Reference now being had to the details of the drawings by letter, A designates the triangular bar which forms the chief feature of the device. This bar, it will be observed, is composed of the central section B which is triangular in cross-section, and the end sections C and D which sections are made solid and are adapted to be fitted within the said central section or ferrule B. The end sections, it will be observed, while fitting closely within the ferrule, are, at the same time capable of being readily moved in or out in order to increase or diminish the length of the complete bar, as may be required in order to adapt it for use on window frames of different widths. The outer ends of the end sections C and D are provided with pins or spurs *a, a* which serve to securely hold the ends of the bar between the stiles or inner faces of the window casings.

The bracket members which serve as journals for the pintles of the shade-roller, consist of a screw eye E and hook G which are carried by the movable end sections of the bar, as shown, the screw eyes and hooks being inserted in any one of a series of holes *b, b* which are provided for the purpose in the lower faces of the end sections C and D. When the bar has been properly adjusted to fit the window the parts are secured in their adjusted position by means of screws or tacks *c* passed through the ferrule into the sliding inner end sections.

In order to permit the device to be placed in position without dismounting the shade, I provide the end sections C and D, with projecting pins or lugs *I, I*, which serve to permit the said sections to be moved in or out of the ferrule without detaching the roller.

This feature I consider of special importance, as in adjusting the device to the window, the shade when unrolled serves as a plumb line. This convenience and advantage are not afforded by any of the fixtures which are placed between the shade and the window frame.

The lines *x, x, x* indicate the front vertical plane of the window molding upon which my support closely carries the shade instead of displacing it as by other devices which are placed between the shade and the molding. It will be also seen that the upper side of the triangular bar can be placed flush with the ceiling of the window frame.

The device it will be seen is perfectly adjustable, vertically in the direction of the line *x, x*; horizontally, at right angles with the face of the molding; obliquely, in the direction of the shank; and horizontally, in the direction of the line of apertures *b, b*. It will also be observed that my invention affords a substantial attachment for curtain-poles, &c., and I contemplate such use, though in the drawings I have shown it merely used as a support for window shades.

The device can be readily attached upon the inside of window casings without employing screws, nails or tools of any kind and can be readily applied to windows of different widths, and the bracket members can be readily adjusted to different widths of shades; that its triangular form utilizes and improves the space behind and over the shade-roller and that it mounts the shade closely against the face of the window frame. The construction is of such a character as to render it inexpensive and yet substantial.

In Fig. 4 of the drawings I have shown

modifications of the wire bracket arms for supporting and journaling the roller, but no claim is made to these constructions in the present application, as the same will form the subject matter of an application which will be filed hereafter. By this angular construction of the support, while it may bear against the vertical and horizontal faces of the window casing, it will be seen that the shade is held against the face of the window casing, and also in such a relation to the lower angular edge of the support, as to prevent the rays of sun light passing between the upper edge of the shade roller and the said angular edge, which is a desideratum.

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

An adjustable window shade support comprising in combination an angular ferrule B, the two angular window cases engaging sections telescoping with the ferrule B, pins for holding the sections in a fixed relation, spurs for engagement with the window casing, adjustable bracket hooks held in apertures on corresponding faces of the end sections, and adapted to hold a shade roller against the face of a window casing, the upper edge of the roller being held in a plane above the lower angular edge of the support, to prevent the rays of sun light passing between, substantially as shown and described.

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

JERE. M. HOFFMAN.

Witnesses:

JOHN LYNCH,

F. A. R. REIFSNYDER.