No. 897,093. PATENTED AUG. 25, 1908.

F. J. GROTE.

COMBINED SHADE AND CURTAIN BRACKET.

APPLICATION FILED OCT. 16, 1907.

Fig. 1.

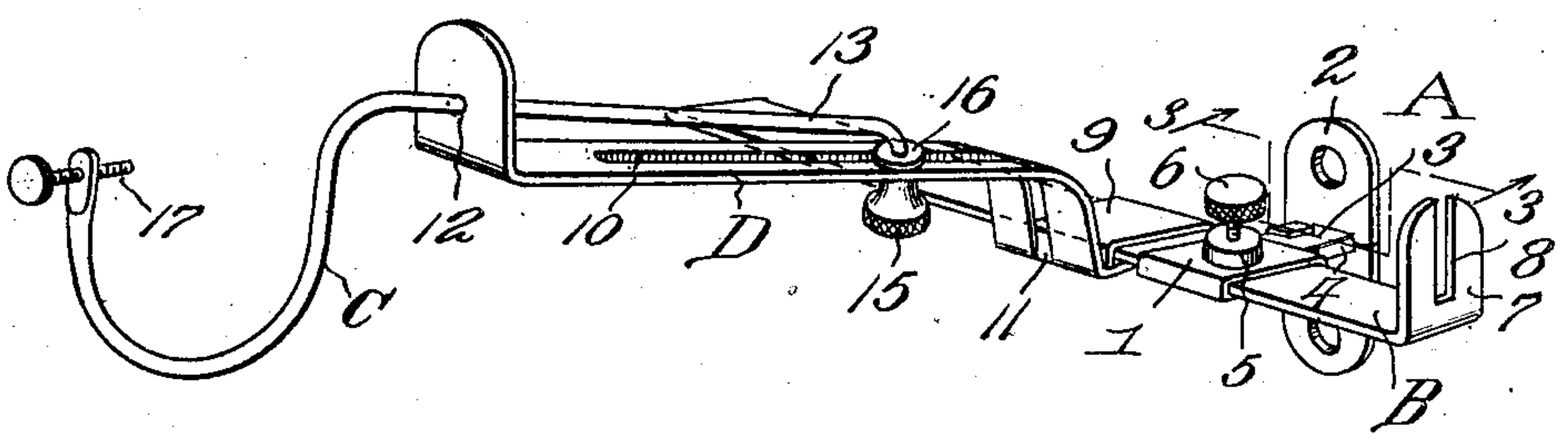


Fig. 2.

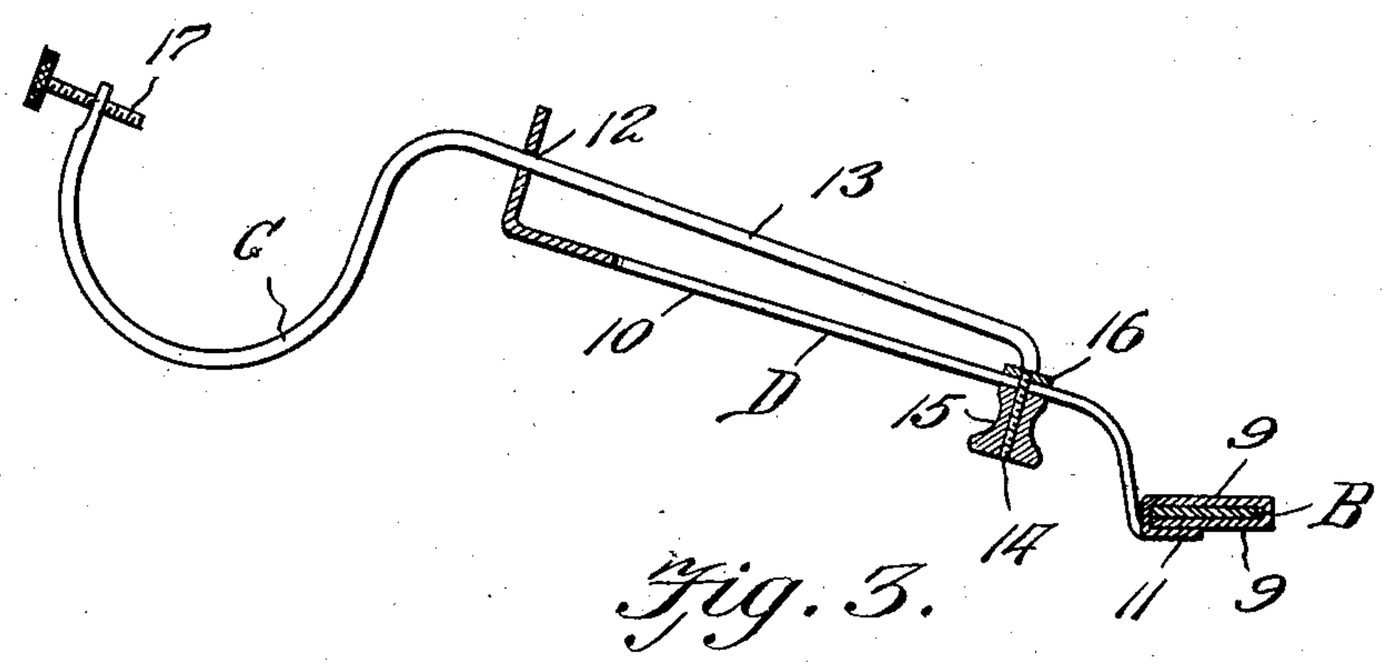
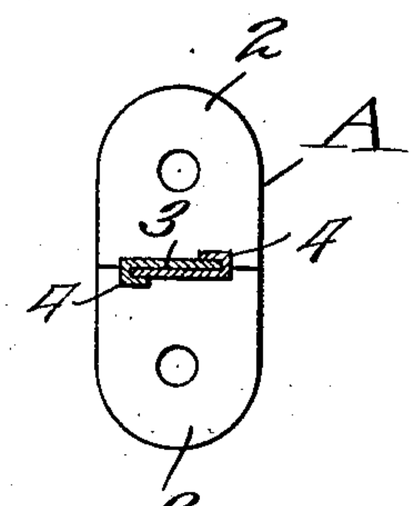


Fig. 3.



Witnesses

Frank B. Hoffman.

C. Bradway.

Inventor

Frederick J. Grote

By Victor J. Evans

Attorney

UNITED STATES PATENT OFFICE.

FREDERICK JOSEPH GROTE, OF CINCINNATI, OHIO.

COMBINED SHADE AND CURTAIN BRACKET.

No. 897,093. Specification of Letters Patent. Patented Aug. 25, 1908.

Application filed October 16, 1907. Serial No. 397,691.

To all whom it may concern:

Be it known that I, FREDERICK JOSEPH GROTE, a citizen of the United States, residing at Cincinnati, in the county of Hamilton and State of Ohio, have invented new and useful Improvements in a Combined Shade and Curtain Bracket, of which the following is a specification.

This invention relates to a combined shade and curtain bracket of that type in which ready adjustment is provided to accommodate the shaft and curtain rod to the supporting brackets.

The invention has for one of its objects to improve and simplify the construction and operation of devices of this character so as to be comparatively easy and inexpensive to manufacture, and convenient to adjust.

A further object of the invention is the provision of a combined shade and curtain supporting bracket including means for independent adjustment for the shade and curtain rod.

With these objects in view and others, as will appear as the description proceeds, the invention comprises the various novel features of construction and arrangement of parts which will be more fully described hereinafter and set forth with particularity in the claims appended hereto.

In the accompanying drawing, which illustrates one of the embodiments of the invention, Figure 1 is a perspective view of a combined shade and curtain rod bracket. Fig. 2 is a section through the curtain rod supporting arm. Fig. 3 is a section on line 3—3, Fig. 1.

Referring to the drawing, A designates the base piece or bracket of the device; B, the shade holder slide; C, the curtain rod supporting hook; and D, the arm on which the hook is adjustably mounted.

The bracket A is preferably constructed of a piece of strip metal which is doubled centrally on itself to form a flattened eye 1 in which the slide B is held, the ends of the sheet metal strip being bent oppositely to form apertured ears 2 for receiving screws or other fastenings whereby the bracket is secured to a window frame. The shank portion 3, between the hook 1 and base portion 2 of the bracket, has laterally extending lugs 4 on each half of the metal strip of which the bracket is made, the lugs being bent oppositely into hooks so that the hook on one part of the shank engages over the other part of the shank and thereby prevents the eye opening. The eye 1 has a boss 5 that is threaded to receive the set screw 6 which binds on the slide B and thereby clamps the latter in position.

The slide B is a flat strip of metal adjustable to any desired position in the eye 1 and having one end bent upwardly into an ear 7 provided with a slot 8 for receiving the loose spring actuated pintle of a shade roller. The slide of the companion bracket, it will be understood, will be provided with an opening instead of a slot for receiving the fixed pintle of the shade roller.

Mounted on the slide B is the arm D that has its inner end turned into a loop or eye 9 through which passes the slide B, and the arm has a longitudinal slot 10 for permitting of adjustment of the hook C, and the extremity of the strip from which the arm D is made, is provided with a tongue 11 which is doubled backwardly through the inner end of the slot 10 and pressed against the bottom of the eye 9, as shown in Fig. 2, the said tongue serving to prevent the eye from opening under the weight sustained on the hook C. The outer extremity of the arm D is bent upwardly at right angles to the length of the arm and has an aperture 12 through which slidably extends the shank 13 of the wire hook C. The inner end of the shank 13 is bent into a depending portion 14 that projects through the slot 10 and is threaded for engagement with the thumb nut 15 which binds against the under side of the arm D and clamps the latter against a collar 16 of the shank 13 at the top side of the arm D. By loosening the thumb nut, the hook can be moved inwardly or outwardly to any desired point for hanging the curtain close to or out from the window frame. The outer extremity of the hook C is provided with a thumb screw 17 for engagement with the curtain rod so as to hold the latter in fixed position. The arm D can be adjusted laterally by sliding it on the horizontal member B so as to suit different lengths of curtain rods.

From the foregoing description, taken in connection with the accompanying drawings, the advantages of the construction and of the method of operation will be readily apparent to those skilled in the art to which the invention appertains, and while I have described the principle of operation of the invention, together with the apparatus which I now consider to be the best embodiment thereof,

I desire to have it understood that the apparatus shown is merely illustrative, and that such changes may be made when desired as are within the scope of the claims.

Having thus described the invention, what I claim is:—

1. The combination of a bracket consisting of a piece of metal doubled on itself to form an eye and provided with a lug on one half of the piece bent over the other half for preventing the eye from spreading open, with a shade-holding member slidably mounted in the eye.

2. In a device of the class described, the combination of a strip of metal having one end bent into a shade-holding member, a second strip of metal bent at one end into an eye for slidably fitting on the first strip and having its opposite end bent transversely and apertured, a wire hook having a straight portion passing through the aperture of the second strip, a collar on the wire, and a clamping nut on the wire coöperating with the collar for clamping the wire to the second strip.

3. In a device of the class described, the combination of a bracket provided with an eye, a member slidably mounted in the eye and projecting from opposite sides of the latter, means on one end of the member for supporting a shade, an arm slidably mounted on the opposite end of the member, a curtain rod supporting element adjustable back and forth on the arm, and means for clamping the element in position.

4. In a device of the class described, the combination of a bracket consisting of a single piece of metal doubled on itself to form an eye, the extremities of the strip being formed into apertured oppositely extending ears, and lugs on each half of the strip adapted to be bent so that the lug on one part engages the other part of the strip for preventing the eye from opening.

5. In a device of the class described, the combination of an adjustably mounted shade supporting member, an arm formed into an eye at one end for slidably engaging the member and provided with a longitudinal slot, an adjustable curtain rod supporting element having its rear end bent through the said slot, means on the rear end of the element for adjustably clamping the latter on the arm.

6. In a device of the class described, the combination of a curtain rod supporting hook, a member on which the hook is slidably mounted and having one end formed into an apertured ear and the opposite end bent into an eye with a longitudinal slot, a tongue on the eye bent through the slot and back against the eye for preventing the latter from opening, a screw on the hook passing through the slot of the member, a clamping device on the screw for holding the hook on the arm, and a supporting member on which the eye is frictionally held.

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

FREDERICK JOSEPH GROTE.

Witnesses:
FRANK J. GROTE,
HENRY F. GROTE.