Sept. 5, 1950 C. R. HOTT 2,521,062

CURTAIN ROD AND SHADE ROLLER BRACKET ARRANGEMENT

Filed Oct. 3, 1945

Fig. 1.

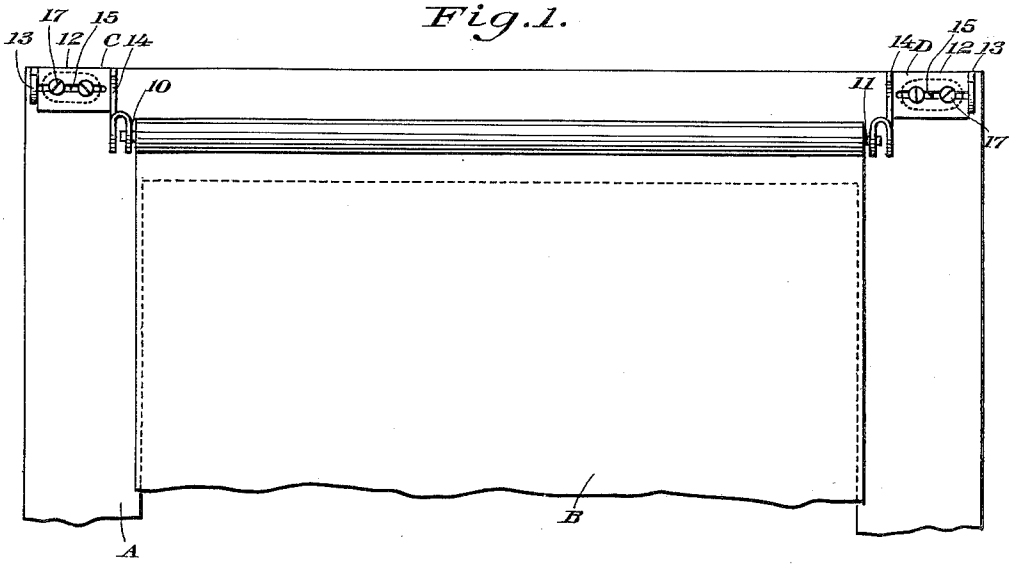


Fig. 2.

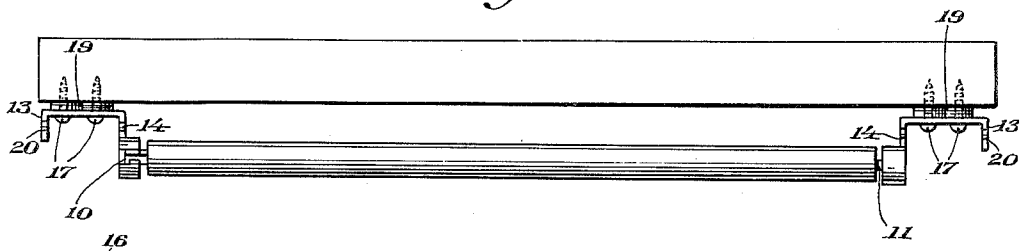


Fig. 3.

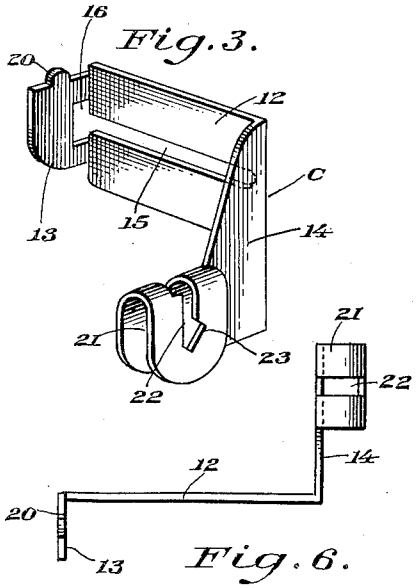


Fig. 4.

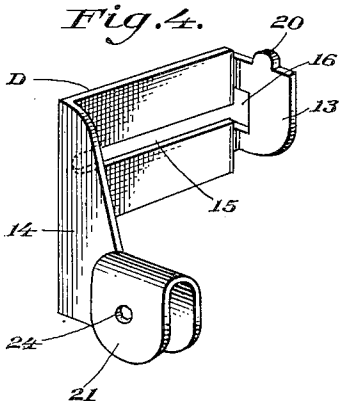


Fig. 5.

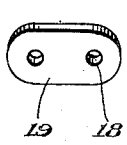


Fig. 6.

INVENTOR.
Charles R. Hott:
BY
Victor J. Evans & Co.
ATTORNEYS

Patented Sept. 5, 1950 2,521,062

UNITED STATES PATENT OFFICE

2,521,062

CURTAIN ROD AND SHADE ROLLER BRACKET ARRANGEMENT

Charles R. Hott, Cleveland, Ohio

Application October 3, 1945, Serial No. 619,968

1 Claim. (Cl. 248—252)

1

The invention relates to outside and inside window shade brackets of the scope, shape, size or form hereinafter more fully described and illustrated, and more especially to an adjustable and removeable curtain rod and shade bracket.

The primary object of the invention is the provision of a bracket of this character, wherein a curtain rod or a window shade roller can be conveniently held thereby, the bracket being removable and adjustable, so that it can be taken down when required and also will enable the fitting of varying lengths of shade rollers therein, thereby adapting it to different widths of window frames.

Another object of the invention is the provision of a bracket of this character, wherein the construction thereof is novel, enabling it to be conveniently applied and adjusted while mounted on the window frame for the fitting of the shade roller to the latter, the bracket being constructed from a single piece material of blank form, cut and shaped therefrom.

A further object of the invention is the provision of a bracket of this character, wherein the same is continuous from one end to the other thereof, while the hanger areas are bent outwardly at right angles to its base, giving maximum strength to such areas so as to sustain the loads imposed thereon when the bracket is in use for holding a curtain rod and a window shade roller.

A still further object of the invention is the provision of a bracket of this character, which is simple in construction, thoroughly reliable and efficient in its purposes, strong, durable, neat in appearance, light in weight, readily and easily applied and removed, conveniently adjusted, and inexpensive to manufacture and install.

With these and other objects in view, the invention consists in the features of construction, combination and arrangement of parts as will be hereinafter more fully described, illustrated in the accompanying drawing, which discloses the preferred embodiment of the invention, and pointed out in the claim hereunto appended.

In the accompanying drawing:

Figure 1 is a fragmentary elevation of a window, showing the outside brackets constructed in accordance with the invention applied thereto and supporting a window shade with its roller.

Figure 2 is a top plan view thereof.

Figure 3 is a perspective view of one of the pair of outside brackets used upon the window frame.

Figure 4 is a similar view to Figure 3 showing the other of the pair of outside brackets.

Figure 5 is a perspective view of the backing

2

washer for each bracket shown in Figures 3 and 4, and

Figure 6 is a top plan view of an inside bracket constructed in accordance with the invention.

Similar reference characters indicate corresponding parts throughout the several views in the drawing.

Referring to the drawing in detail, A designates a portion, that is to say, the uppermost area of a window frame which is of any standard construction, while B denotes the window shade hung upon the same, its roller having the usual flat-faced and rounded journal trunnions 10 and 11, respectively, which are adapted to have their bearing in a pair of brackets C and D, respectively, constituting the present invention and each hereinafter fully described.

Each of the brackets C and D, comprises a flat plate-like base 12, which has continuing therefrom, at right angles thereto, forwardly extending outside and inside wings 13 and 14, respectively, while the base 12 is formed with a straight elongated slot 15 at its longitudinal median, and one end of this slot, namely, the outermost end communicates with an entrance opening 16 formed in the wing 13, the said opening being wider than the slot 15, so that a headed fastener 17 will be permitted to pass into the said slot 15 in the securing of the bracket C or D in place on the window frame A. Two of the fasteners 17 are employed for each bracket C and D, and such fasteners are passed through holes 18 therefore in a bed washer 19, Fig. 5, which is flat-faced and is applied against the outer face of the frame A, as best seen in Figures 1 and 2 of the drawing. The fasteners 17 when engaged in the slot 15, it being required that they be only partially screwed in place at this time, are worked tightly home, thus securing the brackets C and D fixedly in place on the window frame A, and in properly adjusted positions for the mounting of the window shade B according to the length of its roller.

The wings 13 at their upper edges have rising therefrom rounded anchoring lugs 20 for the attachment of a curtain rod, not shown, thereto, for the hanging of the same.

The wing 14 of the bracket C and the wing 14 of the bracket D are extended downwardly and forwardly of the base 12 and the forward portions are cut and folded on themselves to provide hanger or bearing ears 21, one being provided with an irregular shaped slot 22 having a seat 23 for the flat-faced trunnion 10, while the other ear 21 is provided with a rounded hole 24 forming a

seat for the trunnion 11, and in this way the roller of the shade B is detachably journaled in the brackets C and D of the pair thereof used on the window frame A for the hanging of the said shade.

The brackets C and D in their entirety, each is made from a single piece of blank form cut and bent into shape.

In Figure 6 the inside bracket is shown and this varies from the bracket shown in Figure 3 in that the arm 14 is bent in a reverse right angular direction to the base 12 than is the arm 14 shown in Figure 3.

What is claimed is:

A curtain rod and shade roller bracket arrangement for windows comprising a pair of laterally spaced brackets, each of said brackets having a base with a longitudinally extending slot therein, inner and outer wings projecting outwardly from the base, one of the wings having an opening forming an entrance slot in the base and adapted to receive the head of a fastening screw, a bearing ear forming a continuation of the other wing for removably supporting a shade roller trunnion therein, a shade roller having a

rounded trunnion on one end and a squared trunnion on the opposite end, the bearing ear being formed with a laterally and inwardly extended folded down portion of the wing, the folded down portion of the wing of one bracket having a hole for receiving the rounded trunnion end of the shade roller, the bearing ear portion of the outer bracket having an irregular shaped slot with a squared seat at its lower end for receiving the squared trunnion end of the shade roller, and anchoring lugs on the wing of each bracket having the entrance opening adapted to retain a curtain rod against outward displacement from the window.

CHARLES R. HOTT.

REFERENCES CITED

The following references are of record in the file of this patent:

UNITED STATES PATENTS

Number	Name	Date
1,405,268	Brinegar	Jan. 31, 1922
1,488,505	Larsen et al.	Apr. 1, 1924