C. H. ROBINSON.

WINDOW SHADE BRACKET.

APPLICATION FILED FEB. 24, 1917. RENEWED APR. 21, 1921.

1,397,456. Patented Nov. 15, 1921.

2 SHEETS—SHEET 1.

Fig. 1.

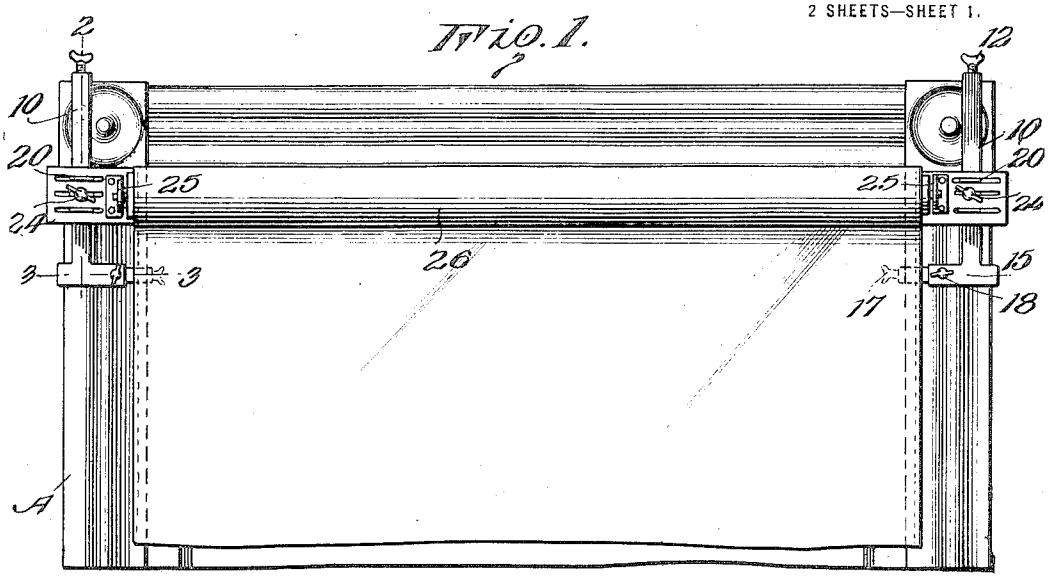


Fig. 2.

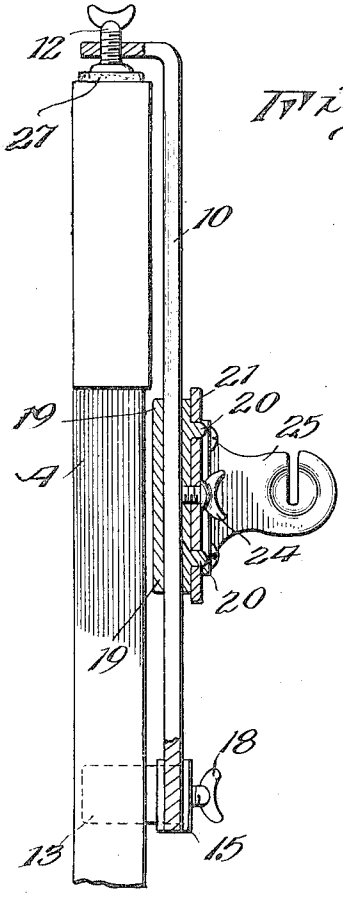
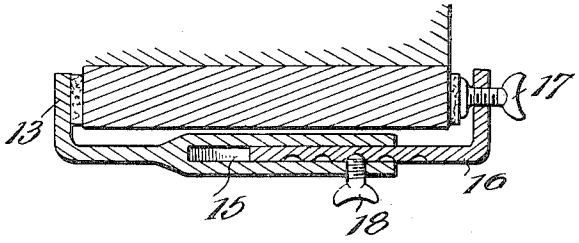


Fig. 3.



Inventor

C. H. Robinson

By Talbert & Parker.

Attorneys

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2 SHEETS—SHEET 2.

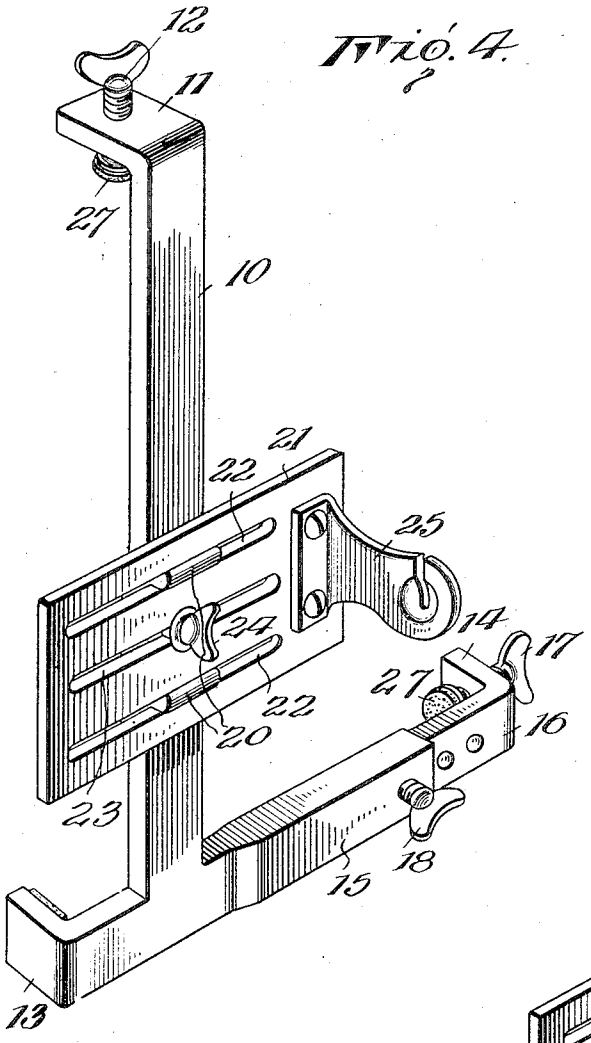


Fig. 4.

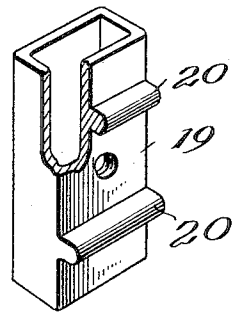


Fig. 6.

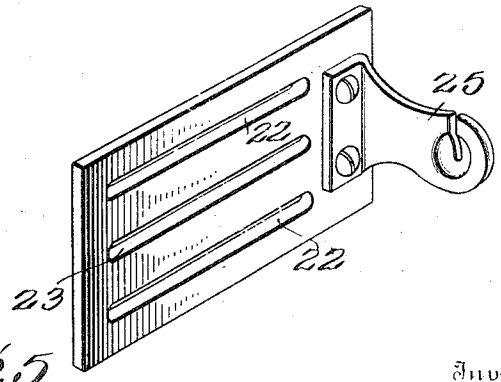


Fig. 5.

Inventor

C. H. Robinson

By Talbert & Parker.

Attorneys

UNITED STATES PATENT OFFICE.

CHARLES H. ROBINSON, OF VENICE, ILLINOIS.

WINDOW-SHADE BRACKET.

1,397,456. Specification of Letters Patent. Patented Nov. 15, 1921.

Application filed February 24, 1917, Serial No. 150,703. Renewed April 21, 1921. Serial No. 463,356.

To all whom it may concern:

Be it known that I, CHARLES H. ROBINSON, a citizen of the United States, residing at Venice, in the county of Madison and State of Illinois, have invented certain useful Improvements in Window-Shade Brackets, of which the following is a specification, reference being had therein to the accompanying drawing.

The invention relates to brackets, and more particularly to the class of adjustable window shade brackets.

The primary object of the invention is the provision of a bracket of this character wherein the construction thereof permits the clamping of the same to different sizes of window frames, so as to be firmly held in place for supporting a window shade.

Another object of the invention is the provision of a holder or bracket of this character wherein adjustment thereof can be had for accommodating various sizes of window shades.

A further object of the invention is the provision of a bracket of this character wherein the window shade can be vertically adjusted relative to the window frame, and also the hangers for the shade adjusted to accommodate different sizes of shades.

A still further object of the invention is the provision of a bracket of this character wherein the construction thereof is novel in form, to avoid the use of fasteners ordinarily employed for securing a bracket in place on the window frame, and thus eliminating the marring or scarring of the window casing or frame, as usual.

A still further object of the invention is the provision of a bracket of this character which is simple in construction, readily and easily applied to and removed from a window frame, strong, durable, and inexpensive in manufacture.

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

In the accompanying drawings:—

Figure 1 is a fragmentary front elevation of a window frame showing the brackets constructed in accordance with the invention applied thereto and supporting a window shade.

Fig. 2 is an enlarged fragmentary sectional view on the line 2—2 of Fig. 1.

Fig. 3 is a sectional view on the line 3—3 of Fig. 1.

Fig. 4 is a perspective view of one of the brackets detached from the window frame.

Fig. 5 is a perspective view of the adjustable base or plate.

Fig. 6 is a perspective view of the adjustable sleeve of the bracket, the same being partly in section.

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

Referring to the drawing in detail, A designates the portion of a window frame which is of the ordinary well known construction, and to the head of which is applied the shade brackets hereinafter fully described. Each shade bracket comprises a frame clamp formed to include a main bar or rail 10, which is of the required length and is formed at one end with a jaw 11, carrying a set screw 12, while the opposite end carries the stationary and adjustable jaws 13 and 14 respectively. The stationary jaw 13 is formed with a sleeve portion 15, to which is fixed the bar or rail 10, although the same may be made integral therewith, and in this sleeve is slidably fitted the arm 16 of the adjustable jaw 14, which latter has mounted therein a set screw 17, while threaded in the sleeve is a set screw 18 adapted to engage with the arm 16 to hold the same in its adjusted position for the relative adjusted relation of the jaws 13 and 14 for clamping engagement with the vertical stile of the window frame, while the jaw 11 is adapted to engage and clamp the head of the window frame, as is clearly shown in Fig. 1 of the drawings.

Mounted upon the bar or rail 10, which is vertically disposed, is a slide 19, which is in the form of a sleeve, and on its front face is formed with spaced transversely disposed guide ribs 20, and this slide adjustably supports a base plate 21, which is formed with spaced longitudinally extending slots 22, receiving the ribs 20, while between the said slots is another slot 23, the same being longitudinally disposed and receives therein a set screw 24, the same being tapped into the

stile 19, and is adapted to bind upon the bar or rail 10 so as to lock the stile 19 in its vertically adjusted position, and also to lock the base plate 21 which is adjustable transversely of the slide, as will be apparent.

On the base plate 21 is a shade hanger 25, which is of the ordinary well known construction, the same being fastened thereto in any suitable manner. The window shade 26 is mounted in the usual manner in the hangers 25 on the base plate 21, which are readily adjustable accordingly to the size of the shade, it being apparent that different sizes of shades can be hung for the support thereof by the brackets when clamped to the window frame.

Should it be desired to vertically adjust the shade relative to the window frame, the slides 19 can be moved upon the vertical bars or rails 10 of the brackets, as will be apparent.

The jaws 13 and 14 are readily adjustable relative to each other so that the bracket is adaptable for different sizes of windows.

Each set screw carried by the respective jaws is provided with a padded foot 27, so as to obviate the marring of the wood work of the window frame when the bracket is applied thereto, yet the said bracket can be securely and firmly clamped to the window frame for the supporting of the window shade.

From the foregoing, it is thought that the construction and manner of application and use of the bracket will be clearly understood, and therefore, a more extended explanation has been omitted.

What is claimed is:—

In a shade bracket, the combination with a bar, of a tubular slide in surrounding relation to the bar, the slide being formed with a pair of transversely disposed ribs in spaced relation to each other, a base plate formed with three longitudinal slots therein, the said ribs passing through the two outside slots, and a set screw passing slidably through the center slot and threadingly engaging the sleeve member and bearing upon the bar, whereby the base plate may be adjusted longitudinally along the bar or laterally with respect thereto, the base plate being provided with a shade bracket.

In testimony whereof I affix my signature.

CHARLES H. ROBINSON.