P. F. BOLAND.

WINDOW SHADE BRACKET.

APPLICATION FILED MAY 15, 1918.

1,332,794. Patented Mar. 2, 1920.

Fig. 1.

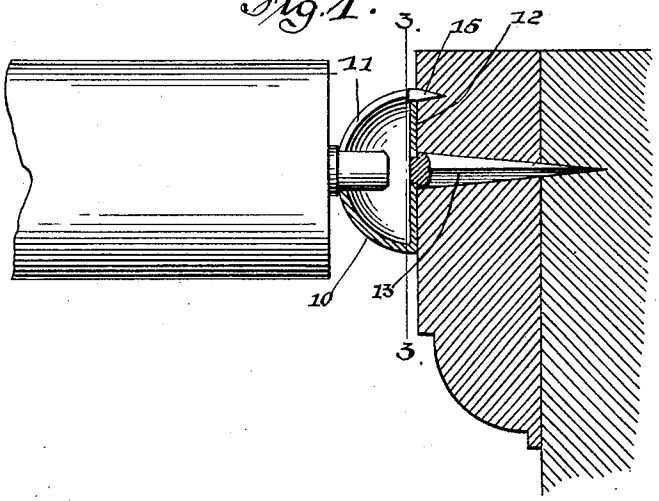


Fig. 2.

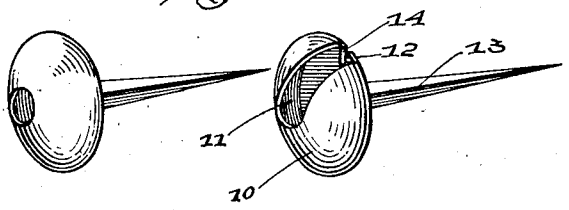


Fig. 3.

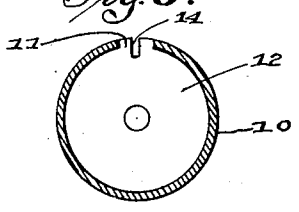


Fig. 4.

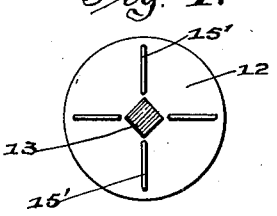
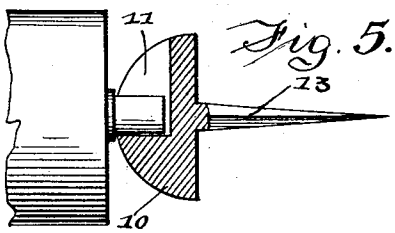


Fig. 5.



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WINDOW-SHADE BRACKET.

1,332,794. Specification of Letters Patent. Patented Mar. 2, 1920.

Application filed May 15, 1918. Serial No. 234,750.

To all whom it may concern:

Be it known that I, PETER F. BOLAND, a citizen of the United States of America, residing at New York city, in the county of New York and State of New York, have invented new and useful Improvements in Window-Shade Brackets, of which the following is a specification.

This invention relates to window shade brackets and has for its primary object the provision of a device of this character which will be simple of construction, strong, durable and ornamental and one which is constructed and designed whereby it may be expeditiously applied to the frame without marring or injuring the same in any particular manner. The latter capacity of function is due to the fact that the spherical support of the bracket is provided with a trunnion-receiving slot in its rounded side, which slot extends from a peripheral point of the support to a point at the opposite side of the support center, with reference to said peripheral point, and a central fastening pin extends from the flat, rear face of the support in such position that a driving tool applied through the slot will drive the pin.

The invention consists in the shade bracket hereinafter described and definitely claimed.

In the accompanying drawings, has been illustrated, a single and preferred form of the invention, it being, however, understood that no limitations are necessarily made to the precise structural details therein exhibited, but that changes, alterations and modifications within the scope of the claim may be resorted to when desired.

Figure 1 is a section through the bracket showing the same applied.

Fig. 2 is a perspective view of two mating brackets for the opposite ends of a shade roll.

Fig. 3 is a section taken on line 3—3 of Fig. 1.

Fig. 4 is a perspective view of a slightly modified form of the invention.

Fig. 5 is a section through the bracket illustrating a further modified form thereof.

In carrying the invention into practice use is made of a support 10 of semi-spherical formation, the same being hollow as shown in Figs. 1 to 4 inclusive of the drawings and provided at its center with a trunnion receiving passage or slot 11 to fit the corresponding end of the shade roller as will be understood. The slot 11 extends from a peripheral point of the spherical support to a point at the opposite side of the support center with reference to said peripheral point, and said slot is provided with a back wall parallel to the rear face of the support. When of hollow formation, the support is provided with a flat disk or crown 12 from the center of which an integral fastening 13 extends. This disk is adapted to come in flat contact with the adjacent face of the window frame as shown in Fig. 1 so that the support will be suspended in the desired rigid manner. The fastening 13 may be of any suitable well known design but is preferably of angular formation in transverse section and pointed toward its free end whereby it may be driven into the frame in an expeditious manner. It is arranged in a horizontal line with the slot or passage 11 in the semi-spherical support 10. In this manner a suitable driving tool, not shown, may be inserted through said slot or passage and placed against the crown 12 in line with the longitudinal axis of the fastening and then, by tapping said tool, the fastening can be quickly and accurately driven into position in the frame. The described arrangement of the slot 11 manifestly permits of this being easily accomplished.

The angular formation of the fastening will, in a measure, hold the bracket against rotation when applied, but in some cases it may be desirable to employ a further means of producing this effect. Therefore, the crown is preferably provided with a periphery arranged notch 14, through which a brad 15 may be passed and driven into the window frame, see Fig. 1.

In the form of the invention shown in Fig. 4, the disk or crown 12 is provided with a plurality of radial ribs 15′ adapted to slightly penetrate the adjacent face of the window frame to hold the bracket against casual rotation.

I do not desire to limit myself to the precise structural details herein illustrated, as many obvious departures may be made therein. For instance, instead of constructing the support of hollow formation, it may be solid, as shown in Fig. 5. The device may be formed of metal, any suitable composition of matter, hard rubber or in fact any well known material which may be

found most desirable for the purpose. From the arrangement set forth in the foregoing, it will be manifest that a shade bracket of an extremely simple formation is provided; it is ornamental in appearance; the semi-spherical design of the support serves to preserve the shade and protect the same against undue wear and tear along its edges as it is rolled or unrolled, and above all, it may be quickly applied and securely held in position without resorting to the use of separate fastenings. By placing the fastening 13 axially of the support 10, much strain is removed from the bracket under the action of adjusting or pulling the shade and the device will not casually or accidentally become deranged from the frame.

What is claimed as new is:

A shade bracket comprising a semi-spherical support having a flat rear face for arrangement against a window frame and also having a trunnion-receiving slot in its rounded side; said slot extending from a peripheral point of the support to a point at the opposite side of the support center, with reference to said peripheral point, and provided with a back wall parallel to said rear face, and a central fastening pin extending from the flat rear face of the support in such position that a driving tool applied through the slot will drive the pin.

In testimony whereof I affix my signature.

PETER F. BOLAND.