No. 690,529. Patented Jan. 7, 1902.

J. RENNER.

BRACKET SUPPORT FOR SHADE ROLLERS.

(Application filed May 11, 1901.)

(No Model.)

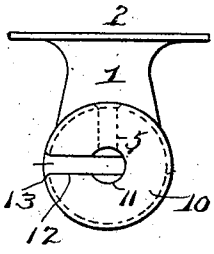


Fig. 1

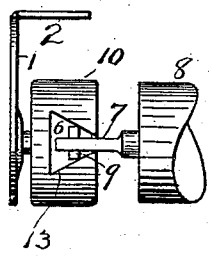


Fig. 2

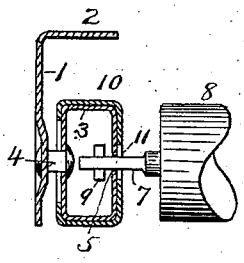


Fig. 3

Witnesses
G. F. Downing.
S. G. Nottingham

Inventor
John Renner
by H. A. Seymour
Atty.

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

JOHN RENNER, OF BURLINGTON, IOWA.

BRACKET-SUPPORT FOR SHADE-ROLLERS.

SPECIFICATION forming part of Letters Patent No. 690,529, dated January 7, 1902.

Application filed May 11, 1901. Serial No. 59,773. (No model.)

To all whom it may concern:

Be it known that I, JOHN RENNER, a resident of Burlington, in the county of Des Moines and State of Iowa, have invented certain new and useful Improvements in Bracket-Supports for Shade-Rollers; and I do hereby 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.

My invention relates to an improved bracket-support for shade-rollers, and more particularly to a bracket for supporting the spring end of the roller, the object of the invention being to provide a bracket of this character which will securely lock the angular spindle on the spring end of the roller against possibility of accidental displacement, but permit its ready removal when desired.

With this object in view the invention consists in certain novel features of construction and combinations and arrangements of parts, as will be more fully hereinafter described, and pointed out in the claims.

In the accompanying drawings, Figure 1 is a side view illustrating my improvements. Fig. 2 is a top view showing the roller in place, and Fig. 3 is a top view in section.

1 represents the bracket proper, which comprises a metal plate bent or cast to form a flanged end 2, perforated for the reception of screws or nails to secure the bracket in place. To the outer end of bracket 1 a cylindrical casing 3 is secured and spaced therefrom by a rivet 4, and said casing is made in its side with a slot 5, extending from below its center to its upper edge, where the top of the casing is made with a triangular slot 6 for the admission of the angular spindle 7 on the spring end of the shade-roller 8, said spindle being preferably provided with a transverse pin 9, which can easily pass through the triangular-slotted portion 6, but prevent the spindle being drawn longitudinally through slot 5. A cylindrical shell 10 is revolubly mounted on casing 3 and is provided in its side with a circular opening 11 of a diameter slightly greater than the greatest diameter of the spindle 7, so as to permit the shell to be revolved when the spindle is in the casing. The shell 10 is slotted from the central opening 11 to its outer edge, as shown at 12, and is made with a triangular slot 13, which slots 12 and 13 are adapted to aline with the slots 5 and 6 to permit the entrance or withdrawal of the spindle; but when the shell is turned slightly, so as to move the slots out of alinement with each other, the spindle will be securely locked in the casing, as will be readily understood.

It will be seen that with my improved bracket the shade-roller can be securely locked therein and all danger of accidental displacement obviated. This is especially desirable when the roller is located at the lower end of the shade.

Various slight changes might be resorted to in the general form and arrangement of the several parts described without departing from the spirit and scope of my invention, and hence I would have it understood that I do not wish to limit myself to the precise details set forth, but consider myself at liberty to make such slight changes and alterations as fairly fall within the spirit and scope of my invention.

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

1. A support for shade-rollers, comprising a hollow stationary casing, having a slot in its outer wall and an enlarged opening in its peripheral wall communicating with said slot, and a revoluble shell inclosing the casing and having a slot in its outer wall to aline with the slot in the casing and an opening in its peripheral wall to permit the introduction into the casing of a journal having lateral projections thereon.

2. The combination with a shade-roller having a journal provided with lateral projections, of a bracket, a hollow casing fixed to the bracket and having a triangular opening in its peripheral wall and a slot in its outer wall extending from a point near the center of the casing and communicating with said triangular opening, a revoluble shell mounted on and inclosing the casing, said shell having a slot in its outer wall to aline with the slot in the outer wall of the casing and having a triangular opening in its peripheral wall to aline with the opening in the peripheral wall of the casing.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

JOHN RENNER.

Witnesses:
CHAS. C. CLARK,
JNO. J. SEERLEY.