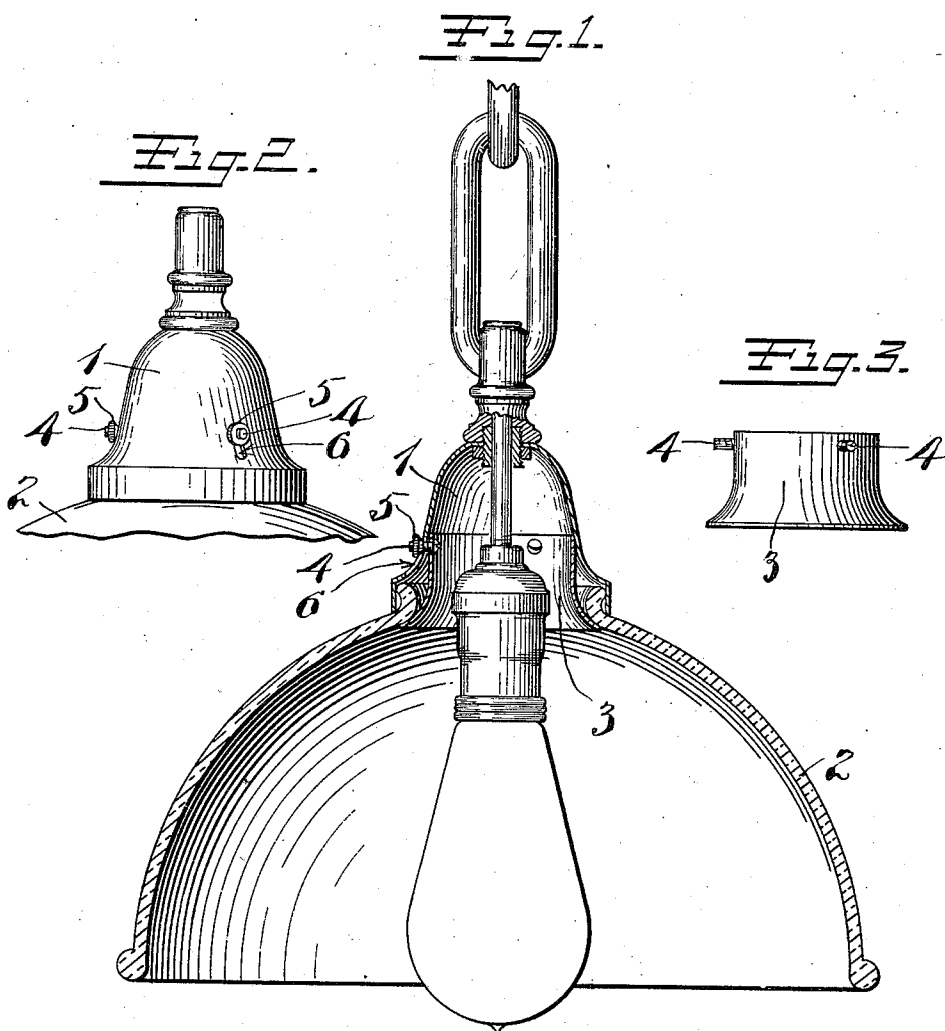


J. STODDART.
SHADE HOLDER.
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1,002,090.

Patented Aug. 29, 1911.



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UNITED STATES PATENT OFFICE.

JAMES STODDART, OF NEWARK, NEW JERSEY, ASSIGNOR TO THE ENOS COMPANY, OF NEW YORK, N. Y., A CORPORATION OF NEW YORK.

SHADE-HOLDER.

1,002,090.

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To all whom it may concern:

Be it known that I, JAMES STODDART, a citizen of the United States, residing at Newark, Essex county, State of New Jersey, have invented certain new and useful Improvements in Shade-Holders, of which the following is a full, clear, and exact description.

My invention relates to improvements in lamp brackets, and particularly to a shade holder construction designed with reference mainly to shades for electric lamp fixtures.

The object of the invention is to provide an effective shade holder, simple and easily operated.

In the accompanying drawings, Figure 1 is a vertical section of my improved shade holder as it appears in operation. Fig. 2 is a side elevation thereof. Fig. 3 is a detail.

1 represents an external holding member or bell arranged to be supported at its small end from above. The lower end of the bell is arranged to receive the smaller end of a shade 2.

3 is an internal holding member or relatively short sleeve-like member having a flanged or flared lower end. The upper part of this sleeve-like member is arranged to pass up through that end of a shade 2 located within the lower end of the bell.

4—4 are radial arms carried by the sleeve-like member 3. These arms are preferably screw-threaded and designed to receive nuts 5—5. The flaring sides of the bell 1 are recessed or slotted, as indicated at 6—6, to permit said radial arms 4 to lock into the bell 1.

In assembling the parts, the sleeve 3 is removed entirely from the bell. The shade 2 is then put in place, as indicated in Fig. 1. The sleeve 3 is then passed up through the shade, the radial arms 4 passing through the slots 6. The sleeve is then pushed upwardly until the adjacent part of the shade 2 is held in place snugly within the lower end of the bell, in which position said sleeve 3 is locked. The preferable means for locking the sleeve comprises the aforesaid nuts 5—5, which may screw onto the radial arms 4—4. When the nuts 5—5 are screwed home, they engage the outer tapered side-wall of the bell 1 and thereby hold the sleeve 3 up in the proper position to in turn hold the shade firmly and yet not so tightly as to endanger breakage. By an arrangement of this char-

acter, the glassware or shade may vary materially in shape and thickness and yet be held securely in place inasmuch as the length of the slots 6 allow the sleeve to be locked in place at different elevations relatively to the bell. By this arrangement also, the fixture partakes of a very symmetrical appearance, since the unbroken holding edge of the sleeve, when viewed from the under side, disguises its true function and completely hides any rough or unfinished edge that may be found on the glassware precisely the same as the lower unbroken edge of the bell.

While I have shown a preferred means for locking the sleeve in place, obviously this may be modified in a variety of ways; indeed, in various other respects the invention is capable of modification without departure from the spirit and scope of the following claims.

What I claim is:

1. In a shade holder, an external bell shaped shell arranged to receive one end of a shade, said shell having slots in its inclined sides; a removable sleeve-like retaining device arranged to pass partially through that part of the shade arranged to be located within the shell, and means for locking said sleeve within said shell, said means including arms radiating from said sleeve and arranged to pass through said slots and be interlocked with the inclined walls of said bell.

2. In a shade holder, an external bell arranged to receive one end of a shade, a removable sleeve-like retaining device arranged to pass partially through that part of the shade arranged to be located within the bell, means for locking said sleeve within said bell, said means comprising arms radiating from said sleeve-like device, said bell having slots designed to permit said arms to pass therethrough, one of said arms being screw-threaded, and a nut adapted to said threaded arm.

3. In a shade holder for lighting fixtures, a bell arranged to receive one end of a piece of glassware, the sides of said bell being flared, said flaring sides having slots therein, a removable sleeve having a flared lower end, devices carried by said sleeve and arranged to pass through said slots, and means to hold said devices in said slots and to thereby connect said sleeve to said bell, said

glassware being arranged to be held between the outside of said sleeve and the inside of said bell.

5 4. A holder for lighting fixtures comprising a bell, a removable sleeve arranged to enter said bell, radiating arms on said sleeve, said bell having slots in the flaring wall thereof to receive said radiating arms, a plurality of said arms being screw-threaded,

and nuts adapted to said screw-threaded 10 arms and arranged to be applied thereto externally of said bell, said nuts engaging the outside of said flaring wall of said bell.

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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."
