UNIVERSAL SHADE HOLDER.
APPLICATION FILED APR. 25, 1904.
UNITED STATES PATENT OFFICE.

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UNIVERSAL SHADE-HOLDER.

Application filed April 25, 1904. Serial No. 204,661.

To all whom it may concern:

Be it known that we, JOSEPH S. RYMILL, of Pittsburgh, and WILLIAM A. PAINTER and JOHN C. MILLER, both of Allegheny, Allegheny county, Pennsylvania, have invented a new and useful Universal Shade-Holder, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification, in which——

Figure 1 is a side elevation, partly in section, showing an electrolier for our improved shade-holder. Fig. 2 is a plan view, and Fig. 3 a cross-section of the central portion of the shade-holder. Figs. 4 and 5 are views similar to Figs. 2 and 3, showing a modification; and Figs. 6 and 7 are similar views showing another modification.

Our invention relates to the class of shade-holders which are employed on light-fixtures, such as electroliers or gas-burners.

The object of the invention is to provide a shade-holder which may be inserted from the side and which will be provided with a stop device to prevent accidental disengagement. In the drawings, referring to Figs. 1, 2, and 3, 2 represents the outer rim, 3 the arms, and 4, the center plate, of the shade-holder. The center plate is provided with a slot 5, extending inwardly the proper distance to center the shade-holder when pushed to the end of the slot.

To further center and guide the holder and to prevent back slipping thereof, we preferably provide a bead or rib 6, which extends around the inner portion of the slot and fits around the lower end of the socket-stem at the top of the screw. The portions of this rim adjacent to the slot engage the stem and prevent slipping out of the holder.

In assembling the parts the screw 7 of the socket-stem 8 is turned to lift the stem slightly, when the shade-holder is dropped down and slipped sidewise so that the screw-threaded stem enters the slot. When in place, the socket is screwed down and fits within the rib, thus clamping and holding the shade-holder in place. To remove and replace the holder, it is only necessary to turn the socket and unclamp the shade-holder, when it may be pulled out sidewise.

In Figs. 4 and 5 we show another form of the shade-holder where the central plate or disk 4 is of cup form, the cup shape serving as a guide and clamp for the shade-holder when the socket is screwed into the cup. In this case the inner ends of the arm 3 are secured to lugs 9, projecting from the central plate.

In the form of Figs. 6 and 7 the plate is similar to that of Fig. 1, except that instead of using the surrounding rib 6 we provide side flanges 10, extending along the sides of the slot. The inner ends of these flanges fit against the socket when secured to place, thus serving to prevent accidental side movement of the shade-holder.

The advantages of our invention result from the provision for easy removal and replacing of the shade-holder owing to its peculiar form, also from the guiding and centering of the stem in place, and the stop for holding it against withdrawal when clamped.

Variations may be made in the form and arrangement of the shade-holder and its various parts and also in the form of the fixture, which may be arranged either for electric lamp or for a gas-lamp, without departing from our invention.

We claim——

A shade-holder having a central plate with a slot leading to a central hole therein, said hole having a guide and stop arranged to be engaged by the stem of the lamp device; substantially as described.

In testimony whereof we have hereunto set our hands.

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Witnesses:

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