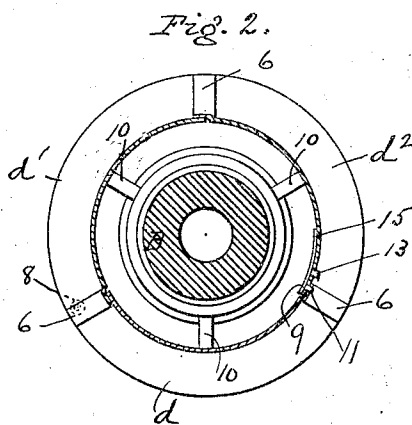
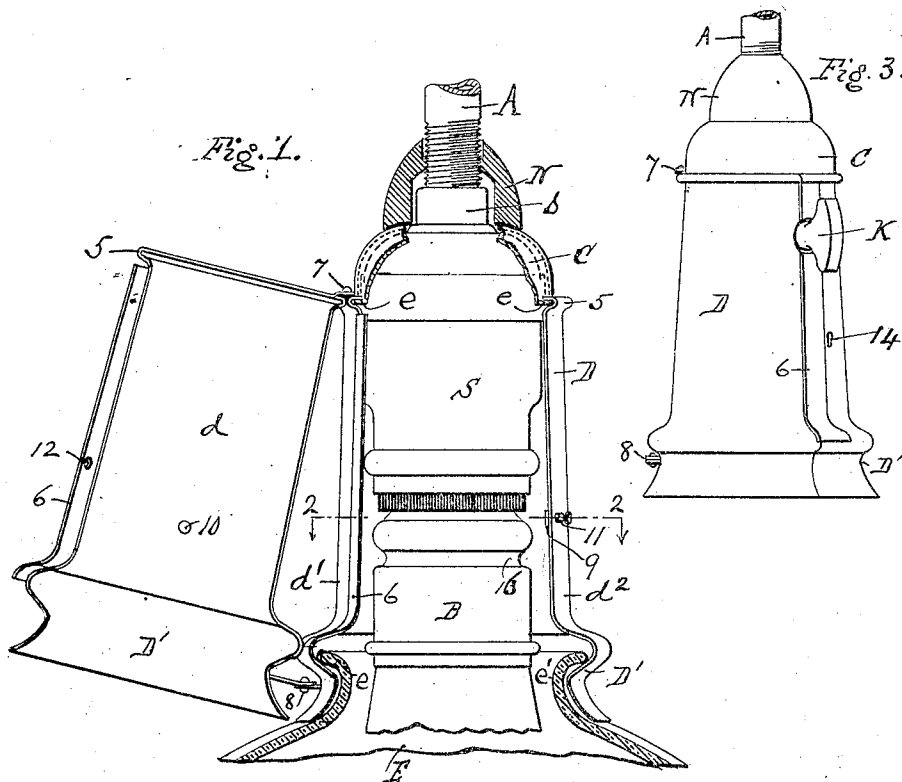


G. E. PALMER.
 SHADE HOLDER FOR ELECTRIC LAMPS.
 APPLICATION FILED MAR. 19, 1909.

932,893.

Patented Aug. 31, 1909.



WITNESSES
 W. E. Keir
 L. H. Grote

INVENTOR
 Granville E. Palmer
 BY
 Hanson and Hanson
 ATTORNEYS

UNITED STATES PATENT OFFICE.

GRANVILLE E. PALMER, OF BOSTON, MASSACHUSETTS, ASSIGNOR TO THE PRICE-MCKINLOCK COMPANY, OF BOSTON, MASSACHUSETTS, A CORPORATION OF MAINE.

SHADE-HOLDER FOR ELECTRIC LAMPS.

932,893.

Specification of Letters Patent. Patented Aug. 31, 1909.

Application filed March 19, 1909. Serial No. 434,472.

To all whom it may concern:

Be it known that I, GRANVILLE E. PALMER, a citizen of the United States of America, and a resident of the city of Boston, in the county of Suffolk, in the State of Massachusetts, have invented certain new and useful Improvements in Shade-Holders for Electric Lamps, of which the following is a specification.

My invention relates to shade holders for incandescent electric lamps, especially for tungsten and the like high-efficiency lamps, where the shade holder is in the form of a more or less ornamental canopy or cover inclosing the socket and neck of the lamp.

The main object of my invention is to so construct such a shade holder that it can be made inexpensively and yet permit of great variety of ornamentation; that the shade may be easily put in place and as easily removed and yet be securely held in place in the holder, and that the socket may be conveniently wired or its interior examined when the shade holder is in place.

A further object of my invention is to so construct the shade holder that it may be availed of to securely lock the lamp and prevent its wrongful removal.

In the accompanying drawings Figure 1 is a front elevation with parts in section, showing the door of the shade holder open; Fig. 2 is a sectional plan on the line 2-2, Fig. 1; Fig. 3 is an outside view drawn to a small scale of a modification.

A, Fig. 1, indicates a threaded pipe end onto which the nipple *s* of the socket *S* may be screwed. The lamp *B* may be screwed or otherwise held in the socket as usual. The shade holder is in the form of a casing inclosing the lamp socket and neck of the lamp and supported on the cap of the socket and comprises a cap *C* and a body portion *D*, the latter divided vertically into two or more sections. The cap has a central opening for the passage therethrough of the nipple while a lock nut *N* on the threaded pipe may be used to clamp the shade holder and the socket in any desired position rotarily.

In the present instance I have shown the body portion of the shade holder as made in three sections, *d*, *d*¹, *d*², of substantially equal size. In fact, if convenience of manufacture requires it, the three parts may be made identically alike, stamped or pressed up in the same dies. Each section may be made

at the top with a reverse flange *5* to embrace, fit over and engage the annular flange *e* of the cap *C*. Each section has at one edge an offset portion *6* to lap and fit over the adjacent edge of the next section. The two sections *d*¹ and *d*² may be soldered or brazed or otherwise secured together where this overlap occurs, while the sections *d* and *d*¹ are hinged together at 7 and 8, Fig. 1, so that the section *d* may act as a door to the casing formed by the other two sections. While the door is closed, as shown in Fig. 2, its offset edge will overlap the edge of sections *d*², and I provide a locking or latching means to keep the door closed. In Figs. 1 and 2, I have shown the locking means *a* consisting of a spring blade 9 secured at 15 to the inside of the section *d*² and having at its other end a catch 11 to snap into a hole 12 in the edge of the door section *d*. This spring may carry a push button 13, projecting through a hole in the section *d*², so that by pressing on this push button the door section *d* will be unlatched and be free to be turned back upon its hinges as shown in Fig. 1. Other forms of locking or latching means may be provided. The lower open end of this three-part canopy *D* is made with a reversed lug *D*¹ to receive and engage the flanged neck *e*¹ of the shade *E*. When the door section of the canopy or shade holder is thrown back as shown in Fig. 1, the flanged neck of the shade may be pushed from the front sidewise into the flanges *D*¹ of the sections *d*¹, *d*², the metal having sufficient elasticity to let the walls spring outwardly to permit the shade neck to be entered into the holder. On closing the door *d*, its flanged lower end will also engage the neck of the shade, and efficiently hold the latter in place. The described provision of a hinged door section in this casing inclosing the socket, the cap of which supports the shade holder, facilitates the wiring of the socket, as will be readily understood. I may also avail myself of this shade holder as a means of locking the lamp in its socket, so as to prevent theft of the lamp. For this purpose there may be, formed on or attached to the inner face of each section *d*, *d*¹, *d*², of the shade holder a projecting finger 10, of sufficient length to enter the usual annular groove 16 in the base of the lamp *B*. In this case the door *d* of the shade holder may be secured by a latch or

lock, which can only be opened by a key to be inserted through a keyhole 14 in the casing, Fig. 3.

When the holder is used for a key socket the edge of the door *d* or of the adjacent section *d'* or both are recessed out to allow of the free passage of the key stem *K*, as indicated in Fig. 3, and the construction described enables me to arrange the key socket in any desired position rotarily.

I claim as my invention—

1. A lamp socket shade holder, comprising a casing adapted to be supported from the cap of the socket and to inclose the latter and having a hinged door section with means at the lower ends of the casing and door section to engage the shade and means to detachably fasten the door section in closed position.

2. A lamp socket shade holder, comprising a casing to be supported from the cap of the socket and to inclose the latter and made in sections hinged together with flanged lower ends to engage the shade and means to detachably fasten the sections together.

3. A lamp socket shade holder, comprising a casing to be supported from the cap of the socket and to inclose the latter and made in three vertical sections, two of which are permanently secured together, the third section being hinged at one side to one section and

means to latch it on the other side to the other section, the several sections having flanged lower ends to engage the shade.

4. A lamp socket shade holder, comprising a cap and three vertical sections, two of which are permanently secured to the cap and to each other, while the third is hinged to one of the sections and adapted to be detachably fastened to the other, the several sections having flanged lower ends to engage the shade.

5. A lamp socket casing with a hinged door section adapted to inclose the socket and lamp base, means on the casing and door section to engage the lamp base and a lock for the door section, openable by a key.

6. The combination of a lamp socket with a casing and means to clamp the latter on the cap of the socket, said casing having a hinged door section with means at the lower ends of the casing and door section to engage the shade and means to detachably fasten the door section in closed position.

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

GRANVILLE E. PALMER.

Witnesses:

WALTER ABBE,
HUBERT HOWSON.