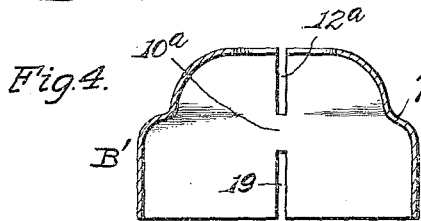
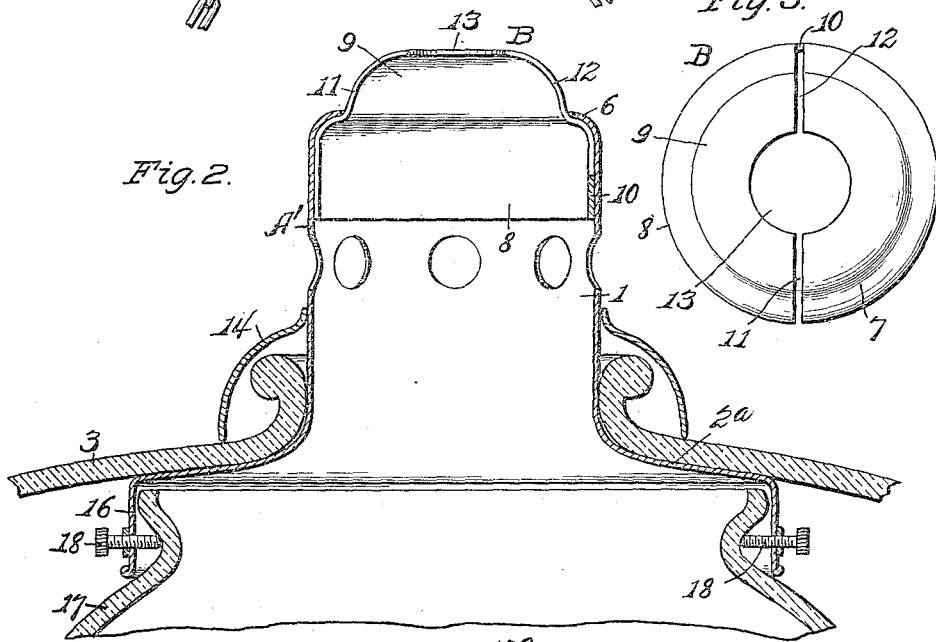
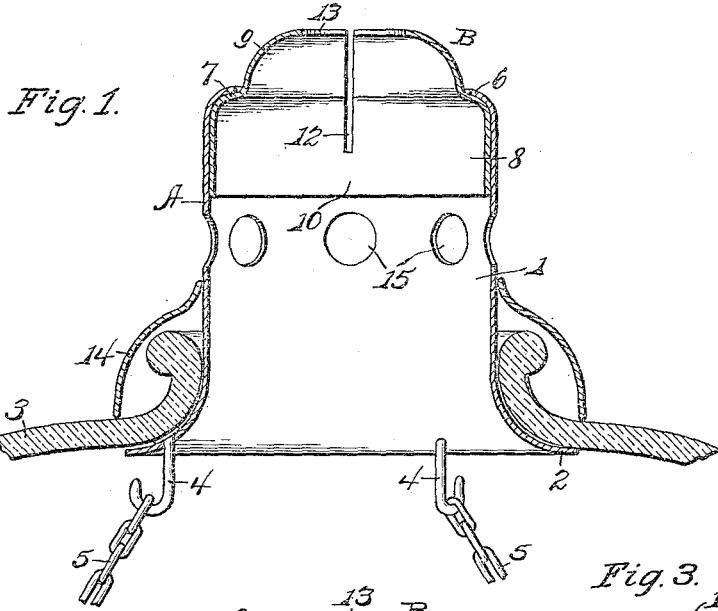


H. NORTHWOOD.
 SOCKET COVER.
 APPLICATION FILED DEC. 7, 1916.

1,225,049.

Patented May 8, 1917.



Inventor
Harry Northwood.
 By
H. E. Smeal
 Attorney

UNITED STATES PATENT OFFICE.

HARRY NORTHWOOD, OF WHEELING, WEST VIRGINIA.

SOCKET-COVER.

1,225,049.

Specification of Letters Patent.

Patented May 8, 1917.

Application filed December 7, 1916. Serial No. 135,566.

To all whom it may concern:

Be it known that I, HARRY NORTHWOOD, a citizen of the United States of America, and resident of Wheeling, county of Ohio and State of West Virginia, have invented certain new and useful Improvements in Socket-Covers, of which the following is a specification.

The invention relates broadly to improvements in socket-covers, and it has for its primary object to provide an improved and simplified construction of shade-supporting socket-cover for electric light-sockets, which may be conveniently applied without removal of the socket from its suspension cord or other support.

A further object is to provide, in a device of the character mentioned, an improved and simplified form of supporting dome for embracing the suspension cord and socket in seating relation to the latter.

A still further object is to provide a shade-supporting socket-cover which is also adapted for supporting a light-inclosing bowl or globe.

In describing the invention in detail, reference is herein had to the accompanying drawings, in which—

Figure 1 is a vertical sectional view of the invention;

Fig. 2 is a similar section taken at a right angle to the viewpoint in Fig. 1, illustrating a modification;

Fig. 3 is a top plan view of the dome; and—

Fig. 4 is a central vertical section of a dome having a slightly modified form.

Referring to said drawings, in which like designating characters distinguish like parts throughout the several views—

A indicates a tubular outer shell composed of sheet-metal and comprising a cylindrical body-portion 1 having its lower end flared outward to form a supporting flange 2 adapted for receiving thereon in seated position the upper portion of a shade or reflector 3 through the neck of which said shell has been introduced. Attached to said flange 2 is a plurality of appropriately placed hooks 4 which are designed to receive the upper ends of bowl-supporting chains 5. The upper end of said shell terminates in an inturred flange 6 which is adapted to overlie in seated relation an annular external shoulder 7 formed in a dome member B of

approximately conoidal form. Said dome-member comprises a substantially cylindrical body portion 8, a hood portion 9 and the intermediate shoulder portion 7 above mentioned, said body portion being adapted for assuming close-fitting telescoping engagement with the body 1 of the outer shell with the hood portion 8 projecting upward above the flange 6.

The said dome-member, which is composed of a single piece of sheet-metal, has a central or axial opening 13 in the head-portion thereof for receiving a suspension cord or other socket-support. An incision or slot 11 extends radially from said opening throughout one side of said inner shell, as is clearly shown in Figs. 2 and 3. An oppositely disposed or alined incision or slot 12 is provided in the opposite side of said shell, said slot 12 extending only partially throughout said side so as to leave an unsevered portion or integral tie 10. Thus, except for said connecting tie 10, the dome-member is divided into two similar halves or sections. While serving to permanently maintain the said sections against separation, said tie is obviously sufficiently flexible to allow said sections to be spread apart at the side opposite thereto to an extent which permits of the introduction of a light-suspension cord or other slender socket-support through the slot 11, after which it actuates said sections to return to normal relation.

For concealing the collar or neck of the shade or reflector 3, a short flared apron-like ring or shield 14 may be disposed in loosely embracing relation to the body of the shell A, the same being adapted to have its lower end or edge rest upon said shade or reflector.

The body portion of the dome-member is of relatively short length so that a considerable space intervenes between its lower edge and the upper edge of the shield 14; and provided in the shell A in such intervening space is a series of annularly disposed ventilation openings 15 through which heated air from the light may freely escape from the interior of the socket-cover. This relative arrangement of the parts to afford ample ventilation by the provision of air-vents in the shell only is especially desirable since it simplifies the construction and at the same time minimizes manufacturing costs.

In the modification shown in Fig. 2, which

illustrates a socket-cover and reflector-support with which is used a globe of ball-shape, the outer shell A' has its lower end flared outward to form a bell-mouth skirt 16 designed to encircle the neck or collar of the globe, as 17, to be supported, said skirt having clamping screws 18 directed there-through for assuming impinging relation to said neck or collar.

As is obvious, the connecting tie 10 may be located at the extreme lower edge of the dome-member, as shown in Figs. 1, 2 and 3, or it may be located in other appropriate positions, as substantially midway between the top and bottom of said member, as illustrated in Fig. 4. In the latter case, the tie is located between two alined radial incisions or slots 12^a and 19 provided in one side of the dome member.

In applying the invention in position, the shell A is first inserted within the neck of the shade 3 which is to be supported, after which the shield 14 is slipped downward over said shell. Said parts are then together slipped upward over the socket to a position on the suspension cord a suitable distance above said socket, whereupon the dome-member is applied in encircling relation to the cord at a point between the socket and the position occupied by said parts, the application of said member being accomplished in the manner hereinbefore described. Then said dome-member is slipped upward or telescoped within the shell to a position wherein its shoulder 7 seats against the flange 6 of the shell, whereupon all said parts are lowered along the suspension cord until the dome-member seats upon the socket. The bowl or globe, as the case may be, which is to be supported by the lower flared end of the shell may obviously be applied and removed without disturbing the superposed parts.

What is claimed is—

1. A socket cover comprising a shell having means for supporting a shade on its lower end and having an inturned annular flange at its upper end, and a one-piece dome member telescopically disposed within said shell, said member having an axially disposed opening in its top and being provided with a radial slot extending throughout one side thereof, said member also having a radial slot extending partially through the opposite side thereof.

2. A socket cover comprising a shell having means for supporting a shade on its lower end and having an inturned annular flange at its upper end, and a one-piece dome member telescopically disposed within said shell, said member having an annular shoulder adapted to seat against said flange, said member being provided with an axial opening in its top and having radial incisions therein which divide said member into two

similar sections connected only by an integral uncut portion or tie located at one side thereof.

3. A socket cover comprising a shell having a cylindrical body portion terminated at its upper end by an internal flange and at its lower end by an external flange, the last-mentioned flange constituting a supporting seat for a shade or reflector, and a one-piece dome member telescoped within said shell and having its top apertured and protruding from the upper end of the latter, said member having incisions therein which divide it diametrically into two like sections connected only at one side by a relatively small uncut portion or tie, said member having an annular shoulder adapted to seat against the internal flange of said shell.

4. A socket cover comprising a shell having a cylindrical body portion terminated at its upper end by an internal flange and at its lower end by an external flange, the last-mentioned flange constituting a supporting seat for a shade or reflector, a one-piece dome member telescoped within said shell and having its top apertured and protruding from the upper end of the latter, said member having incisions therein which divide it diametrically into two like sections connected only at one side by a relatively small uncut portion or tie, said member having an annular shoulder adapted to seat against the internal flange of said shell, and means carried by the external flange of said shell whereon a light inclosing member may be supported.

5. A socket cover comprising a shell having a cylindrical body portion terminated at its upper end by an internal flange and at its lower end by an external flange, the last-mentioned flange constituting a supporting seat for a shade or reflector, a one-piece dome member telescoped within said shell and having its top apertured and protruding from the upper end of the latter, said member having incisions therein which divide it diametrically into two like sections connected only at one side by a relatively small uncut portion or tie, said member having an annular shoulder adapted to seat against the internal flange of said shell, and hooks depending from said external flange whereon bowl-supporting chains may be suspended.

6. A socket cover comprising a shell having a cylindrical body portion terminated at its upper end by an internal flange and at its lower end by an external flange, the last-mentioned flange constituting a supporting seat for a shade or reflector, and a one-piece dome member telescoped within said shell and having its top apertured and protruding from the upper end of the latter, said member having an annular shoulder adapted to seat against the internal flange of said shell, said member being also divided to permit a

socket suspension cord to be inserted therein through one side thereof.

7. A socket cover comprising a shell having a cylindrical body portion terminated at its upper end by an internal flange and at its lower end by an external flange, the last-mentioned flange constituting a supporting seat for a shade or reflector, a one-piece dome member telescoped within said shell and having its top apertured and protruding from the upper end of the latter, said member having an annular shoulder adapted to seat against the internal flange of said shell, said member being also divided to permit a socket suspension cord to be inserted therein through one side thereof, and a ring-like shield embracing the shell and adapted for seating upon a shade supported by the latter, said shell having ventilation openings therein between the upper edge of said shield and the lower edge of said dome member.

8. A socket cover comprising a shell having a cylindrical body portion terminated at its upper end by an internal flange and at its lower end by an external flange, the last-mentioned flange constituting a supporting seat for a shade or reflector, and a one-piece dome member telescoped within said shell and having its top apertured and protrud-

ing from the upper end of the latter, said member having a slot extending throughout the greater portion of its diameter so as to leave a single relatively small uncut tie connecting the parts thereof at opposite sides of said slot, said member having means for assuming supporting relation to said internal flange.

9. A socket cover comprising a shell having a cylindrical body portion, a dome member adapted to be telescoped upward within said shell, and interengaging means carried by said parts for limiting the extent of telescopic movement, said dome member being composed of a single piece of metal and having an axial opening in its top, said member being provided with a radial slot extending throughout one side thereof and with a slot at its opposite side of less extent than the first-mentioned slot so as to leave an integral connecting tie of relatively narrow width.

In testimony whereof, I affix my signature in presence of two subscribing witnesses.

HARRY NORTHWOOD.

Witnesses:

H. E. DUNLAP,
W. F. KEEFER.