

H. C. WIRT.
SOCKET FOR INCANDESCENT ELECTRIC LAMPS.
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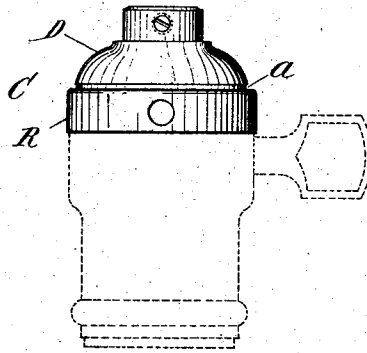


FIG. 1.

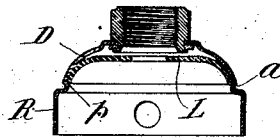


FIG. 2.

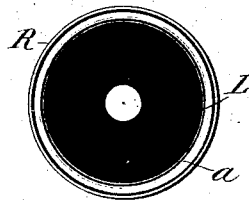


FIG. 3.

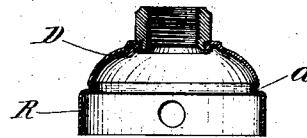


FIG. 4.

WITNESSES:

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SOCKET FOR INCANDESCENT ELECTRIC LAMPS.

1,011,544.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, HERBERT C. WIRT, a citizen of the United States of America, residing at Plymouth, in the county of Plymouth and State of Massachusetts, have invented an Improvement in Sockets for Incandescent Electric Lamps, of which the following is a specification.

This invention relates to the metal covering or casing for the insulating and interior electrical fittings of electric lamp sockets, particularly to the exterior metal cap of such sockets, and consists in the improved means by which the usual thin insulating flexible lining is held in said cap. Heretofore various means for this purpose have been employed, such as indentations or punctures, which produce points of metal extending inward around the dome-shaped upper part of the cap, also an annular groove produced by forming an outwardly projecting bead around the base of the cap; the latter form was particularly ineffective for the reason that when the thin flexible lining was inserted in the cap its peripheral edge usually was too small to fill this annular groove and it would not be securely held in place, but by my improved construction, consisting of an annular bead projecting inward around the base of the dome-shaped upper part of the cap or substantially at the junction of the cylindrical rim and the upper converging portion thereof, the lining for the cap may be readily pushed into the cap, its peripheral edge slipping over the annular bead, and when in place will be securely held therein. Besides, this construction gives a neat ornamental finish to the exterior.

In the drawings which form a part of this specification, Figure 1 is a side elevation of the metal cap; Fig. 2 is a diametrical sectional elevation; Fig. 3 is a plan view look-

ing into the lower end of the cap, with the insulating lining therein; and Fig. 4 is a diametrical sectional elevation of the cap with the lining removed.

Referring to the drawings by designating letters, C is the cap; in Fig. 1 it is illustrated resting upon a shell shown in dotted lines; R is the cylindrical rim of the cap; D, the dome-shaped or converging upper portion; *a*, the annular inwardly projecting bead; L, the thin insulating lining, provided with the usual central opening for the introduction of the line wires.

By the sectional view, Fig. 2, it will be observed that the perimeter *p* of the lining L rests upon the annular bead *a* by which it is held in proper position in the dome-part of the cap, and at the same time as the bead has no abrupt or sharp edges or projections the lining may be removed without fracture or injury. It will be seen, also, especially in Fig. 1, that this inwardly projecting bead gives a neat, ornamental finish to the exterior of the cap.

I claim:

1. In a cap for an incandescent electric lamp socket, provided with a cylindrical rim and a converging portion beyond the rim, an inwardly projecting annular bead at the junction of the cylindrical and converging portions, which bead is adapted to hold an insulating lining in the latter portion.

2. In a metallic cap for an incandescent electric lamp socket, means to hold an insulating lining therein, consisting of an inwardly projecting annular bead at the base of the dome-shaped portion of the cap, to engage the circular edge of the lining when it is pressed into the cap.

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Witnesses:

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