

G. T. DUNKLIN.
STREET HOOD FOR ELECTRIC LAMPS.
APPLICATION FILED OCT. 30, 1912.

1,065,669.

Patented June 24, 1913.

Fig. 1.

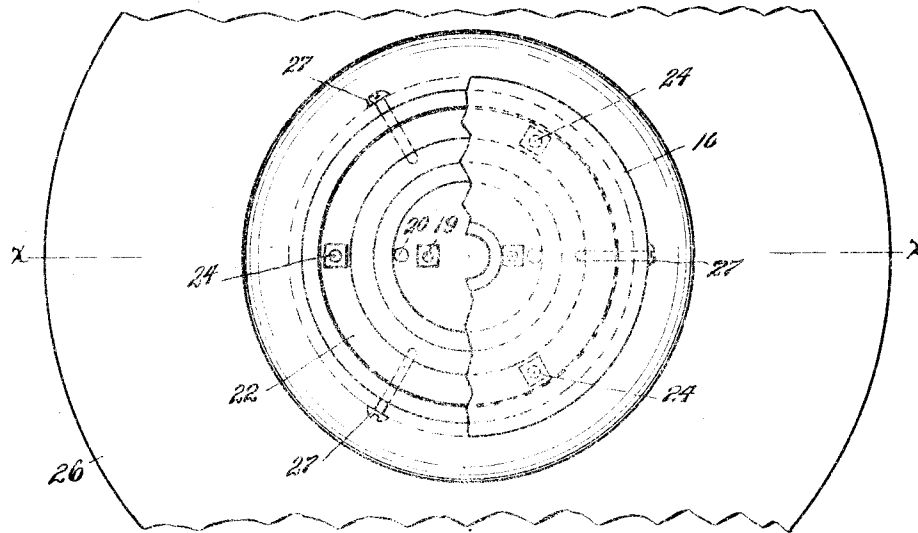
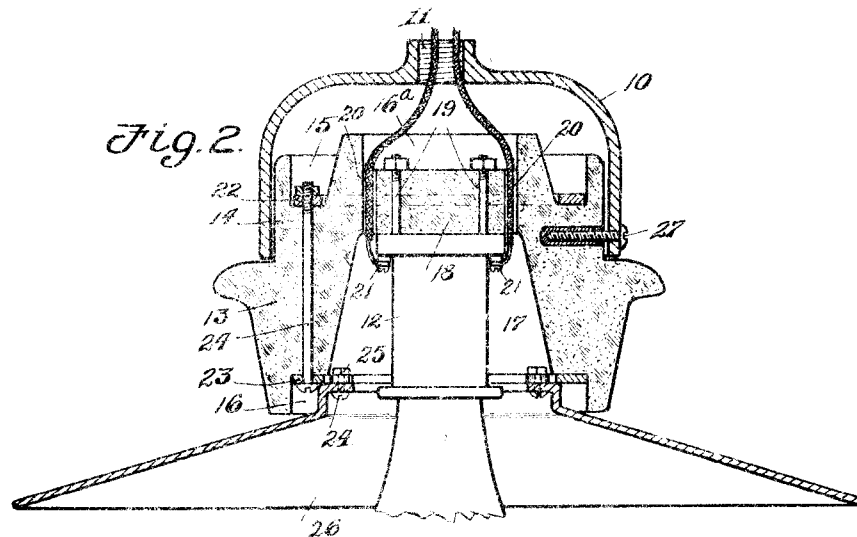


Fig. 2.



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UNITED STATES PATENT OFFICE.

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STREET-HOOD FOR ELECTRIC LAMPS.

1,065,669.

Specification of Letters Patent.

Patented June 24, 1913.

Application filed October 30, 1912. Serial No. 728,659.

To all whom it may concern:

Be it known that I, GILBERT T. DUNKLIN, a citizen of the United States, residing at South Bend, in the county of St. Joseph and State of Indiana, have invented certain new and useful Improvements in Street-Hoods for Electric Lamps, of which the following is a specification.

This invention relates to an improvement in street hoods for electric light sockets, and one of the objects of the invention resides in the provision of means for reinforcing the insulator portion of the hood for the support of a reflector, to prevent the latter from becoming disengaged from the hood due to breakage of the insulating portion from any cause, particularly when the hood is used as a target to shoot at by mischievous persons and the insulating portion thereof broken into many parts.

A further object of the invention resides in the provision of means whereby the leakage of current from an electric light socket supported by the hood will be prevented from grounding by way of the metal canopy of the hood and the metal post or arm to which the canopy is attached for the support of the hood.

With the above and other objects in view, the invention consists in the novel arrangement and coöperation of parts hereinafter more specifically described and pointed out in the claims, it being understood that the embodiment of the invention illustrated in the accompanying drawings is the preferred form thereof, and that modifications may be made without departing from the spirit or sacrificing any of the advantages of the invention.

In the drawings: Figure 1 is a top plan view of my improved street hood, with a part of the metal canopy broken away. Fig. 2 is a vertical section of the hood taken on the line $x-x$ of Fig. 1.

Referring now more particularly to the said drawings, 10 indicates a metal canopy of the usual form, and provided with a screw-threaded opening 11 at its upper end, through which the conductor wires are led to the lamp socket 12, and by which the canopy is attached to a street post or supporting arm in the customary manner, the practice being to pass the conducting wires through such posts or arms to the street hood to conceal the same.

13 indicates a porcelain insulating block having an upper reduced portion 14 over which the lower portion of the canopy fits, and which porcelain block is secured to the canopy for its support in a manner presently explained. The insulating block is provided with an annular groove 15 in its upper surface, and an annular undercut portion 16 in its lower edge and in vertical alinement with the groove 15. The block is further provided with an upper socket 16^a and a lower socket 17, divided from the former by the partitioning wall 18, to which the lamp socket is secured by bolts 19, and which wall has apertures 20 therein passing from one socket to the other through which the conductor wires are passed for attachment to the binding posts 21 of the lamp socket. The side walls of the lower socket are flared outwardly so as to provide a considerable space or gap between the lamp socket and any metal elements attached to the lower portion of the porcelain block.

Seated in the annular groove 15 of the porcelain block is a metallic ring 22, and a similar ring 23 is held in the undercut portion 16 by bolts 24 passed through the rings and the porcelain block and nuts threaded on the upper ends of said bolts. Secured to the lower ring 23, as by means of screw-bolts 24 and nuts 25, is a reflector 26.

Disposed at points intermediate of the ring connecting bolts 24, and passing through the metal canopy into the porcelain block beneath the upper ring and sufficiently spaced from said ring to be insulated therefrom, are screws 27, which project a sufficient distance into the porcelain block so that in the event of the block being broken up sufficiently to allow the same to drop away from said supporting screws 27, the upper ring will be arrested in its fall by said screws 27, and by virtue of its connection with said ring the reflector prevented from also dropping to the ground, and the loss resulting from damage to the reflector by contact with the ground, or by being pilfered by passers by, or by persons purposely demolishing the insulator block by shooting thereat, effectively prevented. It will also be observed that any leakage of current from the lamp socket, in order to ground through the canopy and its sup-

porting arm or post, must jump the gap between the upper ring 22 and the metallic canopy 10, but as the ring is seated deeply in the groove, any leakage in that direction is prevented.

Having thus described my invention, what is claimed is:—

1. A street hood comprising a canopy, an insulating block, a reflector, means supported by said canopy for attaching the reflector to the insulating block, and means adapted to arrest separation between the reflector attaching means and canopy upon the insulating block becoming fragmented.
2. A street hood comprising a canopy, an insulating block supported by said canopy, a reflector, means for attaching the reflector to the insulating block, and means for attaching the insulating block to the canopy normally insulated by said block from the reflector attaching means, said attaching means cooperating to prevent separation of the reflector from the canopy upon the insulating block becoming fragmented.
3. A street hood comprising a canopy, an insulating block supported by said canopy, rings disposed on the upper and under sides

of said block, means connecting said rings, means connecting the canopy and said block and disposed intermediate said rings and their connecting means, the connecting means and rings being relatively insulated from each other by said block, a reflector, and means for attaching the latter to the under ring.

4. A street hood comprising a canopy, an insulating block, an annular groove formed in the upper side thereof, a ring seated in said groove, a recess formed in the under portion of the block for the reception of an electric lamp socket, a ring disposed against the under side of the block, means connecting the upper and lower rings, a reflector, means for attaching same to the under ring, and means connecting the canopy and block and disposed in the path of the upper ring to intercept the latter upon the insulating block becoming fragmented.

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

GILBERT T. DUNKLIN.

Witnesses:

LILA COOK,
GEORGE OLTSCIL.