

No. 626,588.

Patented June 6, 1899.

W. C. BRYANT.

WEATHERPROOF SOCKET FOR INCANDESCENT ELECTRIC LAMPS.

(Application filed Jan. 3, 1899.)

(No Model.)

FIG. 2.

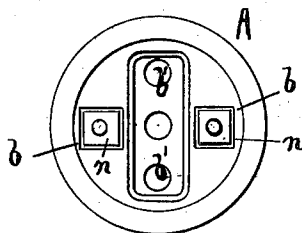


FIG. 1.

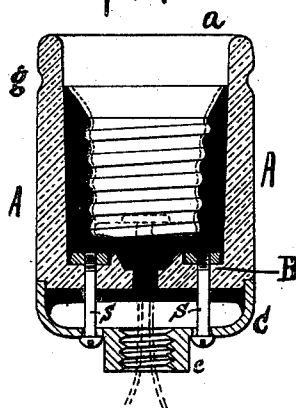
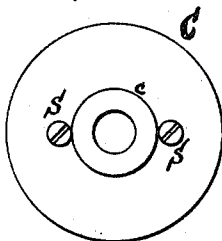


FIG. 3.



WITNESSES:

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UNITED STATES PATENT OFFICE.

WALDO C. BRYANT, OF BRIDGEPORT, CONNECTICUT.

WEATHERPROOF SOCKET FOR INCANDESCENT ELECTRIC LAMPS.

SPECIFICATION forming part of Letters Patent No. 626,588, dated June 6, 1899.

Application filed January 3, 1899. Serial No. 700,959. (No model.)

To all whom it may concern:

Be it known that I, WALDO C. BRYANT, a citizen of the United States of America, residing in Bridgeport, Fairfield county, Connecticut, have invented an Improved Weatherproof Socket for Incandescent Electric Lamps, of which the following is a specification.

My invention consists of a weatherproof socket for incandescent electric lamps designed to secure simplicity and strength of construction.

In the accompanying drawings, Figure 1 is a vertical section of my improved socket. Fig. 2 is a plan view of the same with the terminals removed, and Fig. 3 is an inverted plan view of the socket.

The body A of the socket is made of some suitable weatherproof insulating material, such as porcelain, and is in the form of a cylinder open at one end, *a*, and closed at the other end, B. In the closed end I form one or more openings or passages *b'* for the terminal wires to be connected to the socket-terminals. In Fig. 1 I have shown socket-terminals of the Edison type. In the bottom B are also formed two openings for the passage of screws S S, which are to secure the metal cup-base C to the insulating-body A. These screws pass up through openings in the cup C on opposite sides of the usual threaded nipple *c*. In the bottom B, within the interior of the body A and around the openings for the screws *s*, are formed polygonal openings *b* for

the reception of correspondingly-shaped securing-nuts *n*. The threaded ends of the screws *s* screw into these nuts. After the terminal rings or contacts for the lamp-base have been put into the described socket and the wires connected to said plates I pour in from the back some insulating material, as indicated by black section, when the socket is held nipple uppermost. This insulating material when it has hardened serves to hold the terminal contacts with their connected wires in place in the socket.

An annular groove *g* is formed in the insulating-body A for the reception of the shade-holder.

I claim as my invention—

The herein-described weatherproof socket consisting of an insulating-body closed at its inner end and having polygonal pockets for the reception of securing-nuts, a metal cup-base and screws passing through the latter and the end of the insulating-body and into said nuts, terminal contacts within the said body and insulating material flowed in to hold the contacts in place, substantially as described.

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

WALDO C. BRYANT.

Witnesses:

F. WARREN WRIGHT,
HUBERT HOWSON.