No. 722,979. PATENTED MAR. 17, 1903.

A. F. HAUSS.

ELECTRIC SOCKET AND RECEPTACLE ATTACHMENT.

APPLICATION FILED AUG. 26, 1901.

NO MODEL.

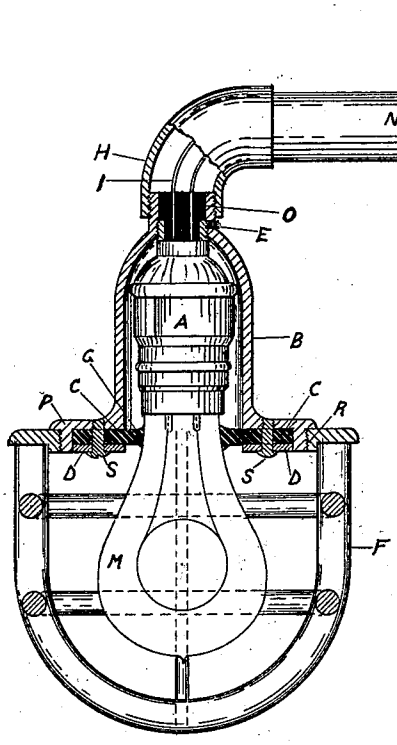


Fig. 1.

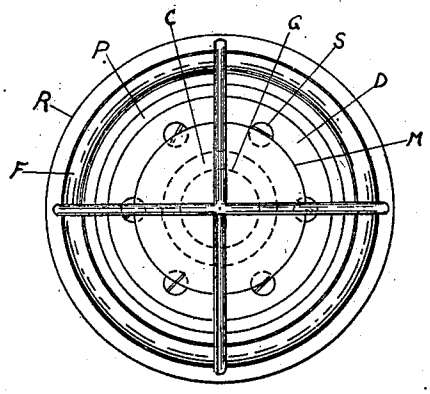


Fig. 3.

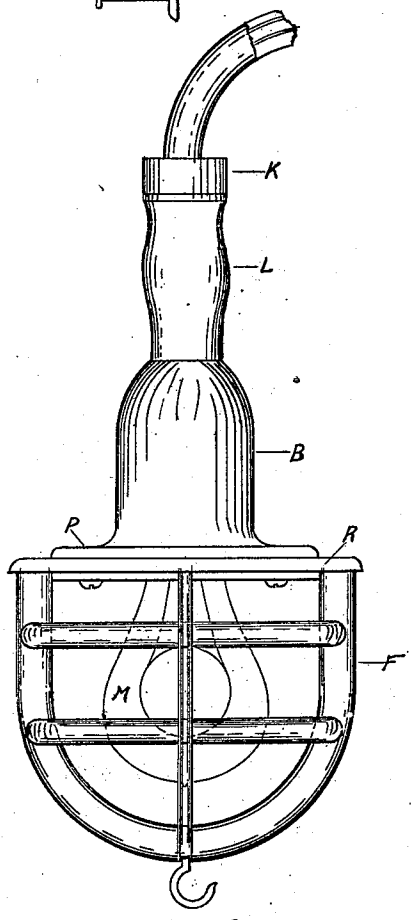


Fig. 2.

Witnesses

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UNITED STATES PATENT OFFICE.

ALBERT FREDERICK HAUSS, OF BALTIMORE, MARYLAND.

ELECTRIC SOCKET AND RECEPTACLE ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 722,979, dated March 17, 1903.

Application filed August 26, 1901. Serial No. 73,343. (No model.)

To all whom it may concern:

Be it known that I, ALBERT FREDERICK HAUSS, a citizen of the United States, residing at Baltimore city, in the State of Maryland, have invented a new and useful Electric Socket and Receptacle Attachment, of which the following is a specification.

My invention relates to improvements in electric socket and receptacle attachments; and the objects of my improvement are, first, the construction of a socket attachment that may be conveniently applied to any ordinary socket, rendering the same weatherproof when used in exposed positions; second, a socket attachment of simple construction for protecting the electrically-exposed parts from the weather; third, a socket attachment which may be easily repacked, thus adding to its durability, and, fourth, the lamp-guard for protecting the lamp from physical injury. I attain these objects by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a view in elevation, with parts shown in section, of my invention as applied to an ordinary incandescent lamp and socket of standard commercial type. Fig. 2 is my invention applied to a portable electric lamp. Fig. 3 is an inverted plan view.

Similar letters refer to similar parts throughout the several views.

A is a socket or receptacle of standard commercial type.

J is a standard commercial outlet-box.

H is an elbow secured to outlet-box J by conduit or pipe N and into which screws inclosing casing B, which may be made of spun or cast metal. Socket A is screwed into casing B and secured there by set-screw E.

O is an insulating-bush through which pass the electrical conductors I.

Casing B is made bell shape with a flange P at its lower extremity. On flange P is threaded portion R, upon which guard F is screwed. Against flange P is secured elastic packing C, which is held in place by ring D and screw S, which screw S forms adjustable means for tightening down ring D on elastic packing C. There is an opening in the center of elastic packing C, through which the socket end of the lamp M is introduced or any other attachment for the utilization or short-circuiting of the current, this opening forming an air and water tight connection around the lamp or attachment at G.

The operation of my invention is as follows: In exposed positions—such as out in the weather, in places where there may be explosive mixtures or the like—all sockets where connections are made must be protected. Opening G in elastic packing C fits the lamp M tight, thus protecting the socket within the casing B. Guard F protects the exposed lamp outside of the casing B.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. A covering for electric-lamp sockets which consists of a casing surrounding the socket and being secured thereto, in combination with an elastic packing securely clamped to the said casing by an adjustable packing-ring said packing having an internal pliable edge closely fitting a lamp inserted therethrough thus forming a tight joint with the same.

2. In combination, an electric socket, a casing making a tight joint at one end with said socket and having an opening therein through which an attachment may enter, an elastic packing secured to said opening in said casing, and adjustable means for securing said packing to said casing with any degree of firmness desired, thus forming a tight joint between said casing and said attachment which may freely enter through said opening.

ALBERT FREDERICK HAUSS.

Witnesses:
WILLIAM W. VARNEY,
S. GORDON HOPKINS.