No. 812,797. PATENTED FEB. 13, 1906.

A. A. KNUDSON.

INSULATING ATTACHMENT FOR ELECTRIC FIXTURES.

APPLICATION FILED MAR. 8, 1905.

Fig. 1.

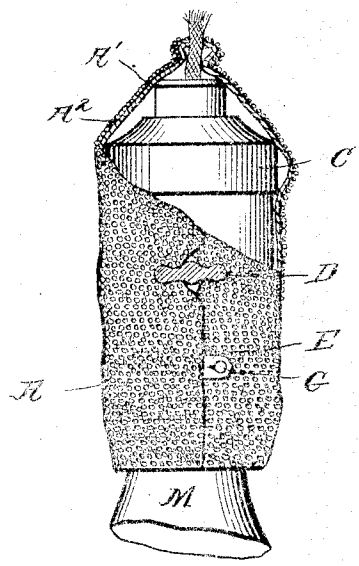


Fig. 2.

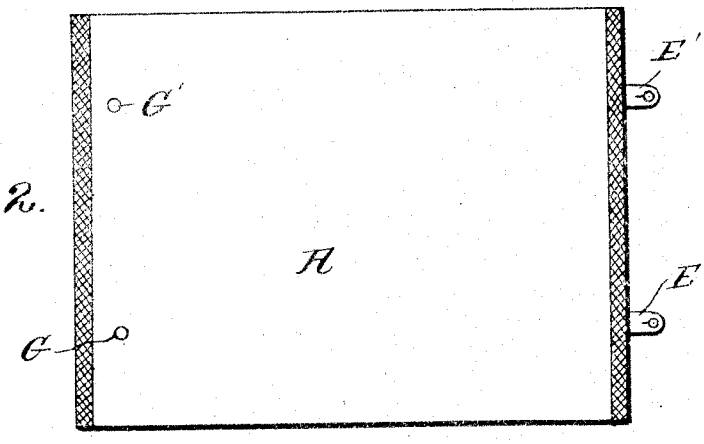
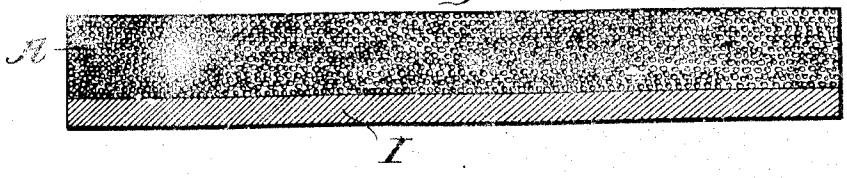


Fig. 3.



Witnesses:

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UNITED STATES PATENT OFFICE.

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INSULATING ATTACHMENT FOR ELECTRIC FIXTURES.

No. 812,797. Specification of Letters Patent. Patented Feb. 13, 1906.

Application filed March 8, 1905. Serial No. 249,110.

To all whom it may concern:

Be it known that I, ADOLPHUS A. KNUDSON, a citizen of the United States, residing in the borough of Brooklyn, city of New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Insulating Attachments for Electrical Fixtures, of which the following is a specification.

My invention relates to improvements in insulating attachments for incandescent-lamp sockets, telephone apparatus, and other electric fixtures.

In the use of electric fixtures, and particularly the incandescent electric lights in stores, dwellings, and other buildings, it has been found that persons are frequently injured by touching damp floors or conducting metals which are in electrical connection with the ground at the time when the hand or other portion of the body is in contact with the electric-light socket or other electric fixture. Such accidents frequently occur when a high-tension current is passing into the lamp-socket or other electric fixture and are frequently caused by some accident to the transformer used to convert a high-tension current to the lower-tension current in commercial use or caused through the accidental crossing of wires.

The object of my invention is to provide a method by which this cause of danger may be obviated and at the same time be permanently ornamental and pleasing to the eye. I attain these objects by the device shown in the accompanying drawings, in which an insulating covering or jacket is placed upon the lamp-socket or other fixture and is fastened by a simple means.

In the accompanying drawings, Figure 1 represents a lamp-socket of the usual form provided with my improved device, the upper part of the cover being broken away to show the socket. Fig. 2 shows the inner side of the cover removed from the socket. Fig. 3 is an optional form of the device.

In the application of the invention to an ordinary incandescent-lamp socket I provide a cover A, constructed of any desired insulating material of a size to fit upon the usual form of lamp-socket. This cover may be made of a base A′ of any fibrous material, either woven, braided, or knit, and may be provided with an outer decorative covering A^2, of beads or pieces of glass, porcelain, or other equivalent, or of hard or soft rubber, paper, or papier-mâché, celluloid, or of wood or wood fiber. I prefer to fasten the device upon the lamp-socket or other fixture by providing studs G G′ and perforated flaps E E′. In this form of my device the cover is placed upon the electrical fixture, and where it is a socket the upper part is gathered in to fit the small upper end of the socket and the flaps E E′ are buttoned upon the studs G G′. These studs G G′ are also formed of insulating material. Where the socket to be protected is provided with a key D, the key D is allowed to project between the edges of the protecting-covering between the flaps E E′ or through an opening provided for this purpose. Where the cover is applied to a desk-telephone stand or similar fixture, the same means may be employed, only in such case the cover will be longer, so as to cover more exposed surface than in the case of the socket.

An optional form of my device is shown in Fig. 3, where a tape is used on which a strip I is provided on the edge of the cover A, so that the cover A may be wrapped about the socket, metal telephone parts, or electric-light fixtures, and thus adhere to the edge strip I without covering the ornamental portion.

The cover is preferably made of elastic material, so that when applied to a lamp-socket it may completely surround the metallic surface of same and accommodate itself to any size of socket.

Having thus described my invention, what I claim is—

An insulating-cover for a lamp-socket, consisting of a section of material substantially rectangular in form, said cover being adapted to be wrapped around the lamp-socket and to receive the key thereof between the adjacent edges of the cover, and means secured adjacent the edges of said cover at points above and below the key for drawing said cover taut about the socket, the upper end of said cover being gathered in to engage the small upper end of the socket.

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

ADOLPHUS A. KNUDSON.

Witnesses:

JUSTUS S. GALLAND,

SADIE BENNETT.