Dec. 15, 1925. 1,565,486

B. F. MOODY

ELECTRIC CONNECTER

Filed April 8, 1925

Fig. 1.

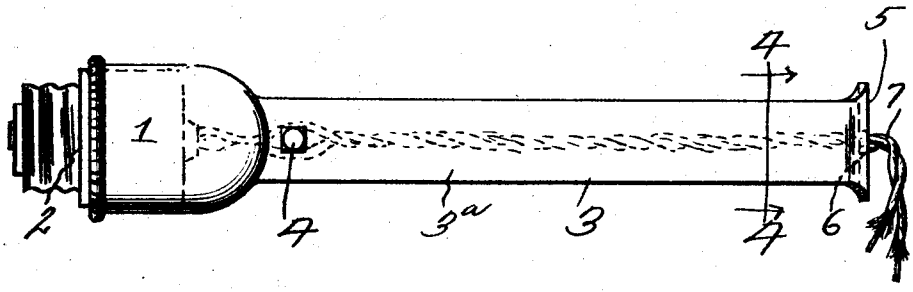


Fig. 2.

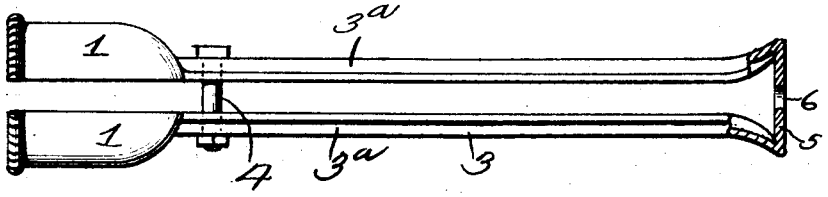


Fig. 3.

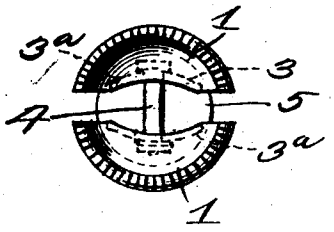
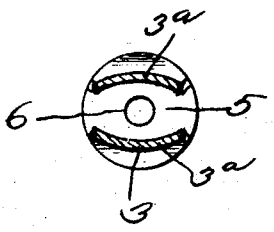


Fig. 4.



Inventor

B. F. Moody

By D. Swift

Attorney

Patented Dec. 15, 1925. 1,565,486

UNITED STATES PATENT OFFICE.

BENJAMIN F. MOODY, OF DETROIT, MICHIGAN.

ELECTRIC CONNECTER.

Application filed April 8, 1925. Serial No. 21,614.

To all whom it may concern:

Be it known that I, BENJAMIN F. MOODY, a citizen of the United States, residing at Detroit, in the county of Wayne, State of Michigan, have invented a new and useful Electric Connecter; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

The invention relates to electric connecters, and has for its object to provide an elongated clamping member, in one end of which may be held and clamped an electric plug, and which handle member is adapted to be grasped by the operator for screwing the plug into electric sockets without removing the lamp shades, which has been the common difficulty in making plug connections with sockets to which shades are connected. The device is particularly adapted for use in connection with vacuum cleaners, however it is to be understood it may be used in connection with other electrical apparatus.

A further object is to provide an electric plug holder comprising registering segmentally shaped jaws adapted to grasp opposite sides of an electric plug, and a U-shaped handle member carried by said jaws and formed integral therewith and preferably formed from sheet spring material and a bolt extending transversely through the arms of the U-shaped handle member adjacent the jaws and forming means whereby the jaws may be forced into clamping engagement with opposite sides of an electric plug.

With the above and other objects in view the invention resides in the combination and arrangement of parts as hereinafter set forth, shown in the drawing, described and claimed, it being understood that changes in the precise embodiment of the invention may be made within the scope of what is claimed without departing from the spirit of the invention.

In the drawing:

Figure 1 is a top plan view of the plug holder.

Figure 2 is a side elevation of the holder.

Figure 3 is a front elevation of the holder.

Figure 4 is a vertical transverse sectional view taken on line 4—4 of Figure 1.

Referring to the drawing the numeral 1 designates oppositely disposed clamping jaws, which jaws are segmentally shaped in transverse cross section, and 2 an electric plug of conventional form which is to be screwed into a socket without removing the shade therefrom. Heretofore, particularly in connection with the use of vacuum cleaners it is extremely difficult to make a plug connection with a socket without removing the shade therefrom, and where the shade is of relatively small interior diameter, it is impossible for the operator to place his hand within the shade for screwing the plug into the socket, and to obviate the above difficulty the device is primarily designed. Formed integral with the plug gripping jaws 1 is a U-shaped handle member 3, adapted to be grasped by the operator when screwing the plug 2 into the socket or removing the same. The U-shaped handle member 3 is preferably formed from spring material and the arms 3^a thereof normally spring apart to allow the device to accommodate itself to the variations in the manufacture of the plug, however arms 3^a adjacent the clamping jaws 1 have extending therethrough a transversely disposed bolt 4, which bolt when tightened forces the jaws towards each other, and into clamping engagement with the opposite sides of the plug 2. The outer end of the handle member 3 is provided with a connecting portion 5 having an aperture 6 therein, and through which aperture the electric cord 7 extends, therefore it will be seen the cord 7 will be maintained within the U-shaped handle member at all times, and in a position where it will not interfere with the rotation of the device by the hand of the operator when screwing the plug into a socket. The device is preferably formed from a single piece of sheet metal stamped to form, therefore it will be seen it may be quickly manufactured.

From the above it will be seen that a plug holder is provided which is particularly adapted for use in connection with vacuum cleaners and constructed in a manner whereby it may be permanently fixed to the plug and the wiring to the vacuum cleaner, and by means of the same a plug may be easily and quickly screwed into a light socket without removing the shade from the socket. It will also be seen by

forming the same from a single piece of material stamped to form, the device may be cheaply manufactured and sold.

The invention having been set forth what is claimed as new and useful is:—

1. The combination with an electric plug, an electric wire leading to said plug, of a holder for said plug, said holder comprising an elongated U-shaped handle member having oppositely disposed arms, clamping jaws carried by the free ends of the arms of the handle member and engaging opposite sides of the plug, said electric wire carried by the plug extending rearwardly between the arms of the handle member and through an aperture in the rear end thereof and means extending through said arms of the handle member for forcing the same together.

2. An electric plug holder comprising an elongated U-shaped handle member, segmentally shaped plug gripping jaws carried by the arms of the handle member, a bolt extending through the arms of the handle member adjacent the jaws and forming means for forcing the jaws together, the transverse portion of the U-shaped handle member being provided with a wire receiving aperture, said handle member and jaws being formed from a single piece of metal.

In testimony whereof I have signed my name to this specification.

BENJAMIN F. MOODY.