May 31, 1927. 1,630,896

W. HERSKOVITZ

ATTACHMENT PLUG

Filed Feb. 24, 1925

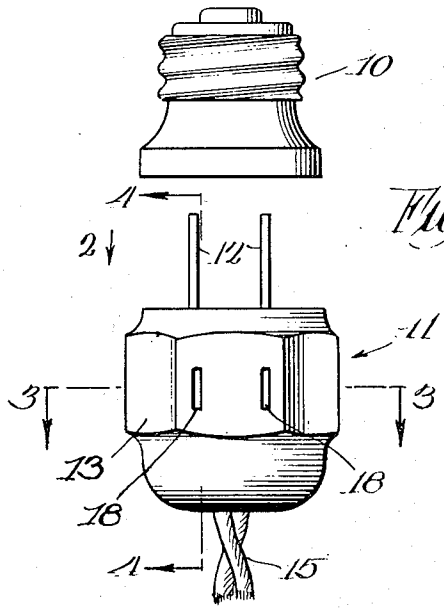


Fig. 1

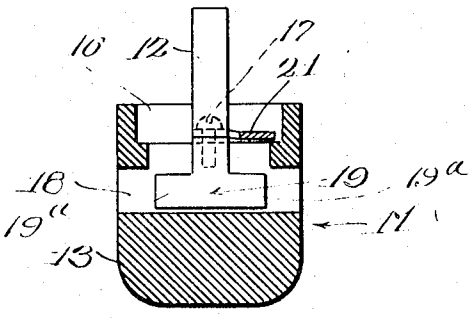


Fig. 4

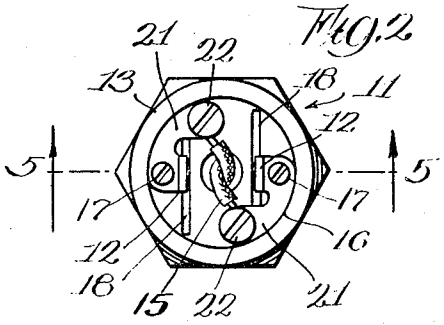


Fig. 2

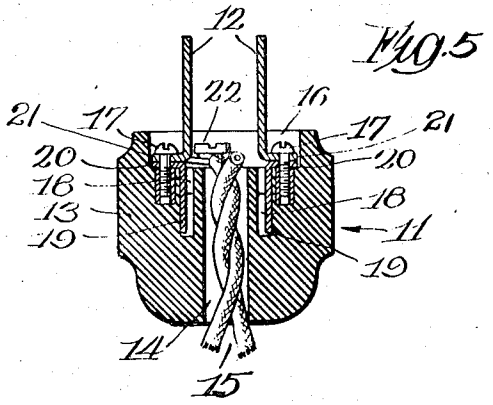


Fig. 5

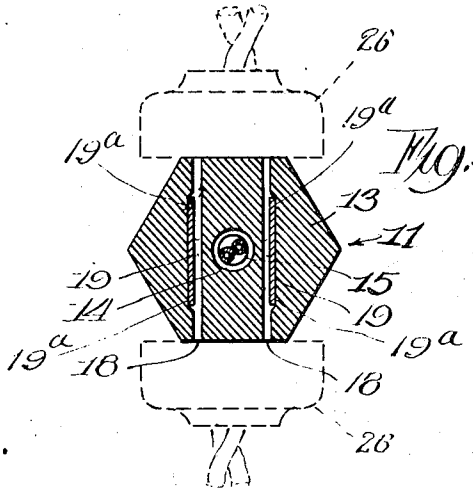


Fig. 3

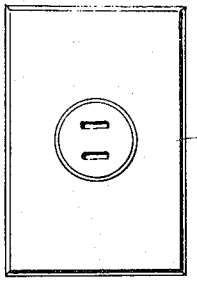


Fig. 6.

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UNITED STATES PATENT OFFICE.

WILLIAM HERSKOVITZ, OF CHICAGO, ILLINOIS, ASSIGNOR TO PEERLESS LIGHT COMPANY, OF CHICAGO, ILLINOIS, A CORPORATION OF MAINE.

ATTACHMENT PLUG.

Application filed February 24, 1925. Serial No. 11,046.

This invention relates to attachment plugs of that type which employ a pair of contact fingers for making electrical connection with a wall receptacle or with the companion member of a separable attachment plug and its principal object is to provide a plug of this type with self contained means, whereby another plug may be plugged into the device, thereby making it possible to run several electric cords from one plug to several electric lamps or other electric devices. With this and other objects and advantages in view, this invention consists in the several novel features hereinafter fully set forth and claimed.

The invention is clearly illustrated in the accompanying drawing, in which:—

Fig. 1 is a side elevation of the two parts of a separable attachment plug disconnected from each other and showing a simple embodiment of the present invention applied thereto; Fig. 2 is an end view of the plug looking in the direction of the arrow 2 in Fig. 1; Fig. 3 is a horizontal section taken on line 3—3 of Fig. 1; Fig. 4 is a vertical section taken on line 4—4 of Fig. 1; Fig. 5 is a vertical section taken on line 5—5 of Fig. 2, and Fig. 6 is a front elevation of a wall receptacle of ordinary form.

Referring to said drawing, which illustrates one embodiment of the present invention, the reference character 10 designates the plug body portion of a separable attachment plug and contains the usual threaded shell. Associated with said body portion 10, is the companion part 11, commonly called the cap and which forms the subject matter of this invention. In the drawing, the body and cap are shown detached from each other. They are coupled by inserting the contact fingers 12 of the cap into holes in the body portion 10.

The cap or plug 11 comprises a body 13 formed of non-conducting material and containing a central opening 14 for the conductor cords 15. One end of the body 13 is recessed as at 16 and secured to the bottom face of the recess, as by screws 17, are the two contact fingers 12, which make electric connection with the contact members of the plug member 10 or of an ordinary wall receptacle 25 (see Fig. 6). Extending back from the bottom face of the recess 16 are two slots 18 into which project two contact pieces 19 which form continuations of the contact fingers 12. For convenience said contact pieces 19 may be formed of separate pieces secured to the contact fingers 12. As shown they are formed with bent portions 20 that are arranged to lie on the bottom face of the recess, and the contact fingers 12 have bent, arcuate portions 21 which overlap the bent portions 20 of the contact pieces 19 and contact with them. Screws 17 extend through the bent portions 20, 21, and enter threaded sleeves that are embedded in the body 13. In the ends of the arcuate portions 21 of the contact fingers 12 are binding screws 22, which fasten the ends of the conductor cords to the contact fingers 12.

The slots 18 open out through one or more sides of the body 13 and the ends 19ª of the contact pieces 19 extend out towards the open ends of said slots 18, in position to make contact with the contact fingers of other plugs 26, as is clearly seen in Fig. 3. Preferably, the side wall of the body 13 is made flat at the places where the slots 18 open out, and for the sake of appearance, the body may be made hexagonal at this place. This arrangement permits other plugs to be plugged into the device, whereby several extension cords may run from one plug. The device may be plugged into a wall receptacle or into the body portion of a separable attachment plug and furnished a convenient means for running several extension cords from one plug.

More or less variation of the exact details of construction is possible without departing from the spirit of this invention; I desire, therefore, not to limit myself to the exact form of the construction shown and described, but intend, in the following claims, to point out all of the invention disclosed herein.

I claim as new, and desire to secure by Letters Patent:

1. An extension cord attachment plug, comprising a body formed of non-conducting material and having a central opening extending lengthwise therethrough from end to end for the reception of the extension cord, and a pair of parallel slots which extend transversely of said central opening and open out through two sides of the body, there being one slot disposed at each side of said central opening, a pair of parallel contact fingers having attaching means for the extension cord, and secured to and pro-

jecting from one end of said body, and a pair of contact pieces in electrical contact with said contact fingers and extending into and in line with said slots in position for engagement at the sides of the body with the contact fingers of other attachment plugs.

2. An extension cord attachment plug, comprising a body formed of non-conducting material and having a recess at one end and a central opening extending lengthwise through the plug from end to end for the reception of the extension cord and a pair of parallel slots which open from said recess and extend transversely of said central opening and open out through two sides of the body there being one slot disposed at each side of said central opening, a pair of parallel contact fingers having attachment means for the extension cord and secured to the bottom of said recess and projecting from the recessed end of the body, and a pair of T shaped contact pieces in electrical contact with said contact fingers and having the cross member of the T extending into and in line with said slots in position for engagement at the sides of the body with the contact fingers of other attachment plugs.

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