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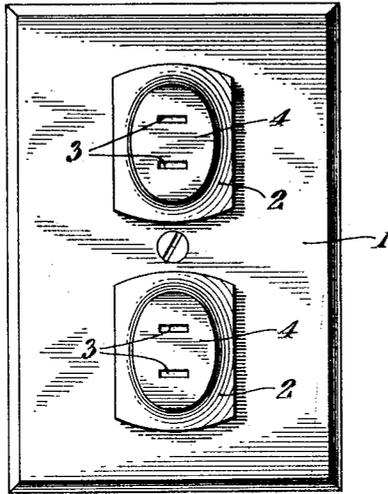
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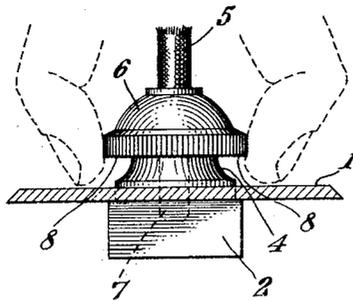
RECEPTACLE FOR ELECTRIC PLUGS

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*Fig. 1.*



*Fig. 2.*



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# UNITED STATES PATENT OFFICE

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## RECEPTACLE FOR ELECTRIC PLUGS

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This invention relates to a receptacle for an electric plug that is suitable for a single socket of a plurality of sockets. Heretofore, it has been found that when a plug for an electric socket having terminal blades is inserted in the socket there is sufficient friction between the blade contacts and the socket contacts to render it difficult to remove the plug from the socket. The rounded surface of the cap of the plug does not afford a convenient gripping surface, and therefore the fingers are apt to slip off when it is attempted to remove the plug by grasping the top of the plug. As a result the user in attempting to remove the plug grasps the cord leading to the plug and jerks the plug out with the result that the wires are often pulled off of the binding screws and the electrical connection is broken.

By the present invention the receptacle is provided with sockets having the faces thereof projecting short distances beyond the face of the receptacle and the projecting portions of the sockets are made of such shapes or dimensions that an edge of the end of the plug cap extends laterally beyond the edge of the extension on the sockets, thereby affording a surface behind which the fingers of the user may be inserted to a slight extent to prevent the fingers from slipping off when attempt is made to remove the plug. It is not necessary for this purpose to have the extension of the sockets project outwardly beyond the face of the receptacle far enough to make the same unsightly or cause danger of the projecting portion to be broken off.

The invention will be understood from the description in connection with the accompanying drawing in which Fig. 1 is a front view of the device, and Fig. 2 is an end view of the same.

In the drawing reference character 1 indicates the face plate of an electric plug receptacle of a well known type that may be provided with one or more insulating sockets 2, two of the same being shown in the illustrative embodiment of the invention, although a different number may be used. The sockets 2 are provided with the usual holes 3 for re-

ceiving the blade contacts of an electric cord plug.

The front or visible ends of the sockets 2 are extended, as indicated at 4, a short distance beyond the face plate 1. It has been found that about one-quarter of an inch is adequate for this purpose. The holes 3, of course, pass through the extensions 4 as well as into the sockets 2. The extensions 4 may be made circular or oval, or of other shapes.

An electric light cord is indicated at 5, to the end of which the plug cap 6 is attached with the electric wires in the cord 5 connected to blades 7 in the plug in the well known manner by means of screws, the blades 7 being spaced apart to be inserted into the holes 3 in the sockets 2. The end of the cap of the plug 6, as indicated at 8, is of such a diameter that the edges of the same project beyond the edges of the extensions 4 so that the fingers of the user can obtain a grip at the end of the plug cap for withdrawing the same without pulling upon the cord 5.

The end of the cap 6 can be made to extend laterally beyond the edges of the extension 4 by having the two of different diameters or by providing notches or recesses in the extensions 4 or in any other convenient manner.

I claim:

In combination, an electric plug receptacle having an extension on the face thereof and an electric plug therefor having the end thereof extending laterally beyond said extension, the axial length of said extension being sufficient to provide a gripping space for fingers of human beings between said plug receptacle and said laterally extending end of said electric plug.

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