Sept. 12, 1933. J. CASINGENA ET AL 1,926,936

ELECTRIC PLUG

Filed Nov. 30, 1931

Fig. 1.

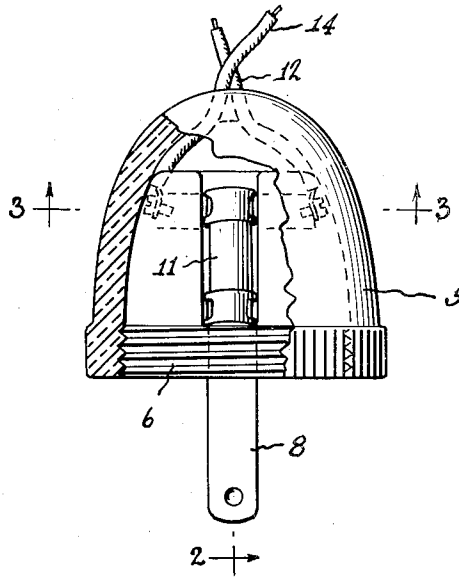


Fig. 2.

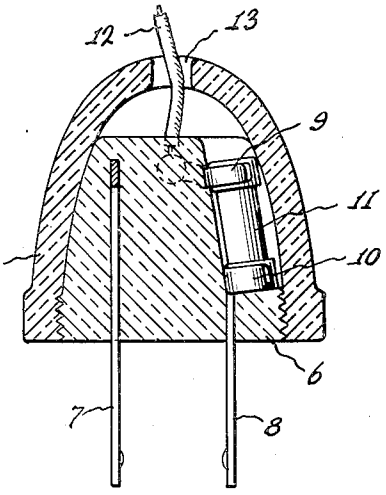


Fig. 3.

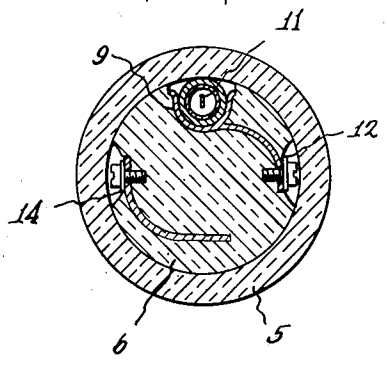
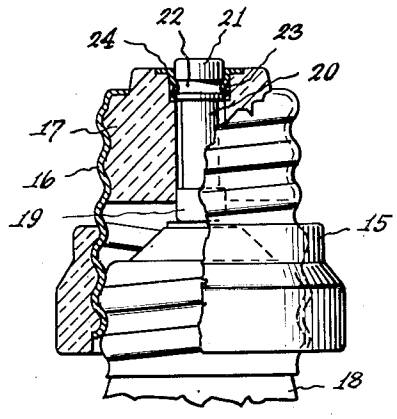


Fig. 4.



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ELECTRIC PLUG

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Serial No. 578,118

1 Claim. (Cl. 200—115.5)

This invention relates to electric plugs and it has for one of its objects the provision of a plug comprising a pair of terminals for connection, each to one side of a power line and a fuse held by the plug and connected to one of the terminals whereby, when said fuse is blown, only one, or at the most, a few lamps or another electrical device will be affected, instead of having a comparatively large number of electrical devices affected, as when a fuse is employed in an electrical circuit, feeding a large number of electrical devices.

Other objects of the invention will be appreciated from a reading of the following specification.

The invention will be fully and comprehensively understood from a consideration of the following detailed description when read in connection with the accompanying drawing which forms part of the application, with the understanding, however, that the improvement is capable of extended application and is not confined to the exact showing of the drawing nor to the precise construction described and, therefore, such changes and modifications may be made therefrom as do not affect the spirit of the invention nor exceed the scope thereof as expressed in the appended claim.

In the drawing:

Fig. 1 is an elevational view partly in section of a plug embodying our invention;

Fig. 2 is a vertical section taken on the line 2 of Fig. 1 looking in the direction of the arrows;

Fig. 3 is a horizontal section taken approximately on the line 3—3 of Fig. 1 looking in the direction of the arrows; and

Fig. 4 is an elevational view partly broken away of another form of plug embodying our invention.

Referring to the drawing for a more detailed description thereof and at first to Figs. 1 to 3, inclusive, the numeral 5 indicates a shell in which is screwed an insulating plug 6, having terminal prongs 7 and 8. The plug 6 carries clips 9 and 10 which together hold to the plug a fuse 11, the clip 10 being connected to the prong 8 and the clip 9 being connected to a lead wire 12 which passes through an aperture 13 in the shell 5. The prong 7 is connected to another lead wire 14.

Referring now to Fig. 4, the numeral 15 indicates a body which holds a screw shell 16 within which is contained a block 17 forming part of the body of the device. A lamp 18 is screwed into one end of the shell 16 and contacts with an end 19 of a fuse 20 which is removably held in the block 17. The fuse 20 has an end 21 adapted to form one terminal of the device, it being understood that the shell 16 constitutes the other terminal, the terminals being insulated by the block 17. The end 21 of the fuse 20 in provided with a peripheral recess 22 engaged by an annular rib 23 formed on a tubular member 24 which is secured to the block 17. The engagement of the rib 23 in the recess 22 holds the fuse 20 in place, the fuse being adapted to be withdrawn from position by spring action of the annular rib 23.

What is claimed as new is:

A fused plug comprising an upwardly tapering plug member of cross-sectionally circular form, said plug member being provided with spaced prongs embedded therein of which the extremity of one is extended to the surface of the plug member and formed into a binding post inset in a recess of said plug member, and the other is extended to a comparatively large recess in said plug member and formed into a spring clip therein, a second spring clip disposed in said recess, a binding post set in a further recess of said plug member and electrically connected with the last said clip, said clips being arranged to jointly support a cartridge fuse within the periphery of said plug member, and a shell enclosing all but the bottom face of said plug member and having a threaded connection with the plug member adjacent the bottom face.

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