

April 21, 1953

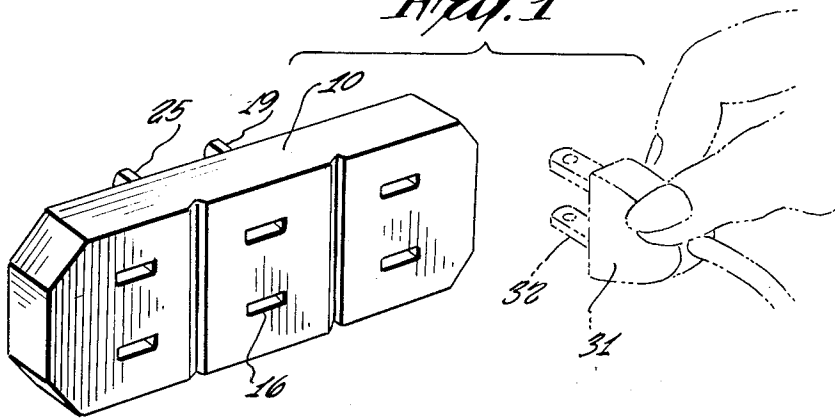
F. DI BLASI

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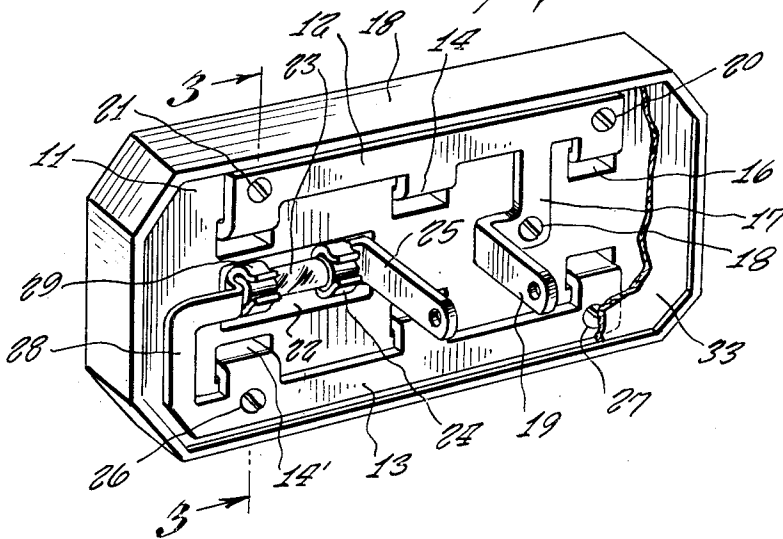
FUSED CIRCUIT PLUG-IN RECEPTACLE

Filed May 9, 1951

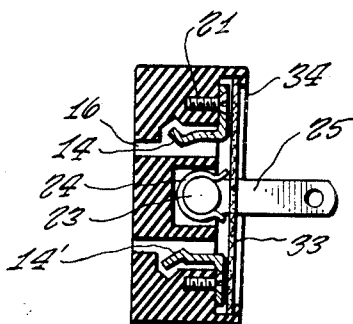
*Fig. 1*



*Fig. 2*



*Fig. 3*



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# UNITED STATES PATENT OFFICE

2,636,096

## FUSED CIRCUIT PLUG-IN RECEPTACLE

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Application May 9, 1951, Serial No. 225,332

1 Claim. (Cl. 200—115.5)

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This invention relates to a fuse plug and receptacle.

It is an object of the present invention to provide in a plug of the multiple type a fuse to protect the electrical system at the plug from appliances or fixtures that may be faulty or which would overload the circuit unduly and whereby to localize the trouble and to eliminate the need for going to the basement or remote place to replace the main fuse.

It is another object of the invention to provide a multiple receptacle plug wherein the spring engaging formations for the plugs of the appliances are of a long strip extending through the plug body and wherein the fuse element is disposed centrally of the body and connected to one of the plug terminals and spaced from a plug terminal extending from one of the strips.

Other objects of the invention are to provide a fuse plug with multiple receptacle outlets which are of simple construction, inexpensive to manufacture, has a minimum number of parts, compact, easy to assemble and efficient in operation.

For a better understanding of the invention, reference may be had to the following detailed description, taken in connection with the accompanying drawing, in which:

Fig. 1 is a perspective view of the fuse plug and receptacle embodying the features of the present invention.

Fig. 2 is an enlarged perspective view of the receptacle as viewed from the side thereof having the prongs which extend into the room receptacle.

Fig. 3 is a sectional view taken on line 3—3 of Fig. 2.

Referring now to the figures, 10 represents an insulating body which is recessed on one face, as indicated at 11, to contain terminal strips 12 and 13. Each strip extends the full width of the insulating body and has a plurality of prongs 14 which respectively extend through slots 16 in the insulating body. The prongs on the strip 13 are indicated at 14'. The strip 12 has a laterally extending portion 17 which is secured to the body 10 by a screw 18 and outwardly from which there extends prong 19. Screws 20 and 21 further secure the strip 12 in place upon the insulating body.

Also in the body 10 is a recess 22 in which may be disposed a fuse 23. A terminal clip 24 receives one end of the fuse 23. This terminal clip 24 is integral with a prong 25 aligned with the prong 19. These prongs 19 and 25 enter the wall receptacle.

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The strip 13 is secured to the body by screws 26 and 27 and has a laterally extending portion 28 that has a clip 29 thereon for receiving the other end of the fuse 23.

As illustrated in Fig. 1, a plug 31 of an appliance having prongs 32 can be inserted into the front face of the insulating body 10 so that the prong 32 thereof enters the slots 16 and engage respectively with the spring portions 14 and 14'.

An insulating sheet 33 fits into the recess 11 and under an inwardly extending flange 34 extending from the side thereof, Fig. 3. The prongs 19 and 25 extending through this sheet 33.

While various changes may be made in the detail construction, it shall be understood that such changes shall be within the spirit and scope of the present invention as defined by the appended claim.

I claim:

A combined multiple plug and fuse comprising an insulating body having a plurality of pairs of slots therein, contact strips extending along the sides of the body and each having a plurality of prongs projecting through the slots, each of said contact strips having a laterally extending projection, one of the projections of one of the strips extending outwardly to provide a main prong for the connection of the unit to a wall receptacle, the lateral projection of the other strip having a fuse clip terminal, a second main prong having a fuse clip terminal thereon, a fuse element extending between the fuse clip terminals, said main prongs extending forwardly and oppositely from the contact projections extending through said pairs of slots, and said insulating body having a recess in one face thereof, said contact strips lying within said recess, a depression in the bottom of said recess and said fuse element clip terminals extending thereunto, said fuse plug lying within that depression, said insulating body having a flange surrounding said recess and an insulating sheet extending under the flange and over the contact strips, said main prongs extending through said insulating sheet.

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