

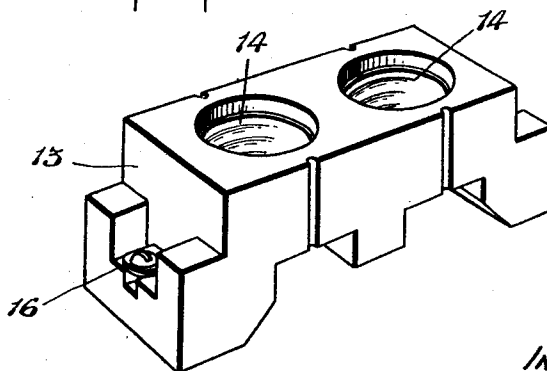
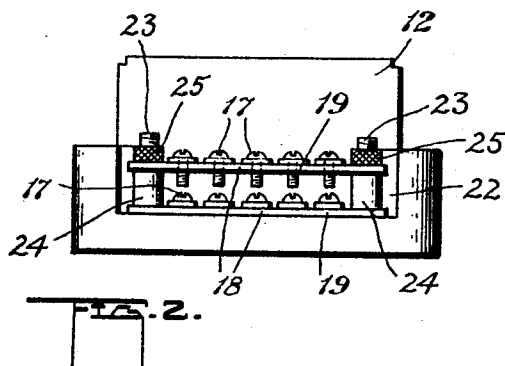
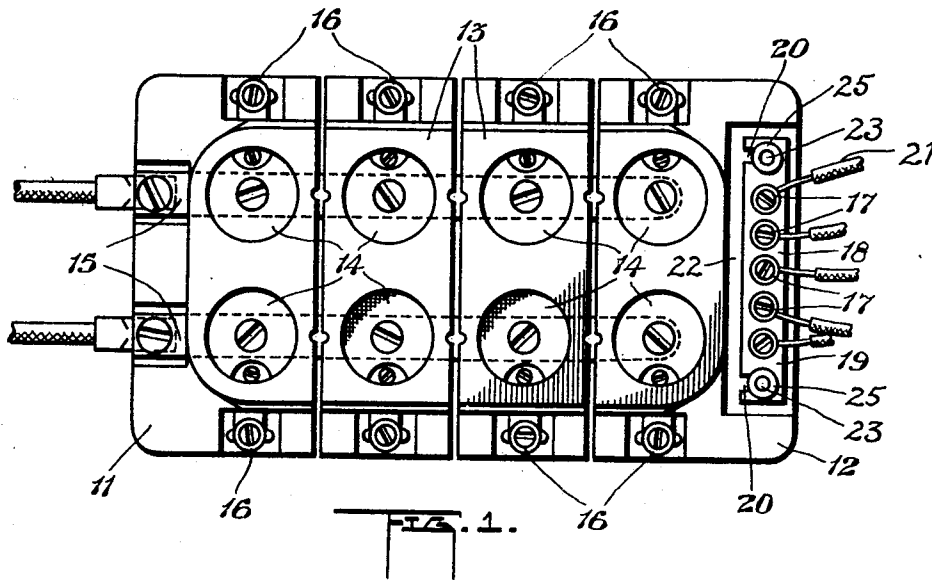
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FUSE BLOCK TERMINAL STRUCTURE

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UNITED STATES PATENT OFFICE

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FUSE BLOCK TERMINAL STRUCTURE

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This invention relates to improvements in panel board or fuse plug cutouts and the objects of the invention are to provide a simple and durably constructed device of this description adapted for use in ordinary dwellings and which can be readily built up or added to for use in large buildings, according to requirements and without interfering with the existing construction.

Further objects are to provide a device of this character that can be manufactured and placed on the market at comparatively low cost.

With these and other objects in mind, my improved device is composed of a cutout of the character described comprising a plurality of sections so constructed as to be readily assembled according to requirements, associated with which are arranged pyramidal terminal carrying members whereby, when required, any number of outlets can be readily provided for and any number of terminals in connection therewith.

Referring now to the drawings in which like characters of reference indicate corresponding parts in each figure.

Figure 1 is a plan view of the improved panel board.

Figure 2 is an end view showing the terminal carrying sections.

Figure 3 is a perspective view of one of the sections.

Referring now more particularly to the drawings in which a preferred example of the invention is disclosed, the panel instead of being formed with a single base block of suitable material is formed with end sections 11 and 12, and any number of sections 13 according to the size required with fuse plug sockets 14 therein of any suitable material.

These sections are placed side by side, as illustrated in Figure 1, and connected together underneath by the bus plates 15, as indicated in dotted lines. Power intake is by means of the members 15 and the outlets are indicated at 16, while the common neutral terminals 17 are located in one of the end members.

A further feature of my improved device is that the neutral terminals 17 can be ar-

ranged according to requirements in pyramidal or superimposed form as indicated at 18 (see Figure 2) and the plates 19 with terminals thereon can be slipped in or out by means of the slots 20.

The device illustrated is adapted for use in a three wire system and one of the novel and essential features of the invention is the arrangement of the neutral terminals as shown particularly in Figures 1 and 2, in which any number of neutral connections, which are indicated by the numeral 21, may be conveniently provided. Putting this in other words, a neutral terminal is provided for each complete circuit. This particular structure eliminates the difficulty heretofore experienced in locating short circuits, facilitates connections and by pyramiding, enables an increasing number of neutral terminals connections to be effected.

The neutral terminal structure is mounted within the recess 22, which is formed in one of the end sections and it will be observed that the terminal carrying plates 19, in accordance with the present invention, are mounted in superimposed relation upon the posts 23 with spacing members 24 therebetween and with the nuts 25 securely holding the plates in position. The slots 20, previously referred to, enable the plate members 19 to be readily added, swung outwardly or removed by the mere loosening of the nuts 25.

It is not necessary here to describe the electric circuits which are well known in connection with the sockets 14 and the fuse plugs (not shown) which fit therein.

As many changes could be made in the above construction, and many apparently widely different embodiments of my invention, within the scope of the claims, constructed without departing from the spirit or scope thereof, it is intended that all matter contained in the accompanying specification and drawings shall be interpreted as illustrative and not in a limiting sense.

What I claim as my invention is:

1. In an electric terminal fuse block and the like the combination with a neutral terminal structure formed with a suitable re-

cess having spaced terminals therein, of terminal carrying plates adapted in superimposed position to detachably engage at one end with one of the terminals and pivotally engage at the other end with the other terminal, and adjustable means for retaining the terminal carrying plates on the terminals.

2. In an electric terminal fuse block of the character described, a neutral terminal structure mounted in a recess at one end of the fuse block and comprising a plurality of independently removable parallel terminal carrying plates, spaced in superimposed relation, and a series of spaced apart terminal connections carried by said plates.

In witness whereof I have hereunto set my hand.

HERBERT REDSHAW.

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