No. 866,977. PATENTED SEPT. 24, 1907.

J. G. SWALLOW.

CUT-OUT.

APPLICATION FILED APR. 4, 1907.

2 SHEETS—SHEET 1.

Fig. 4.

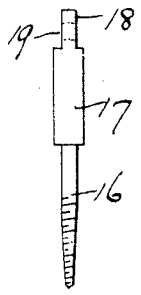
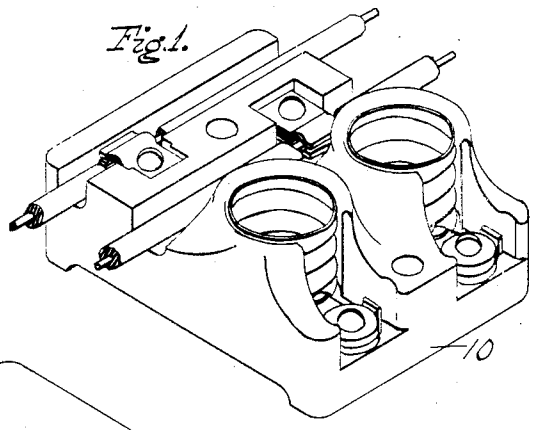


Fig. 1.



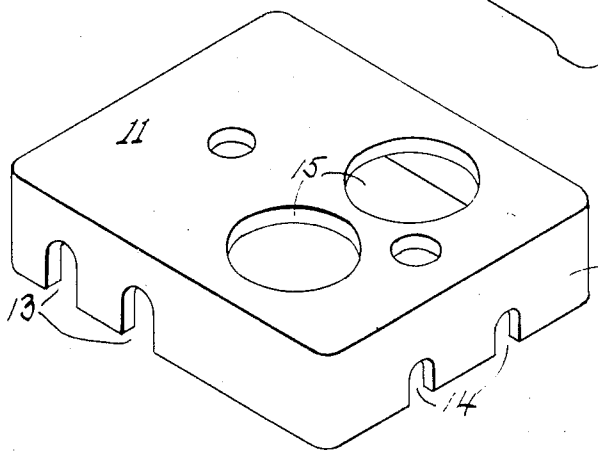
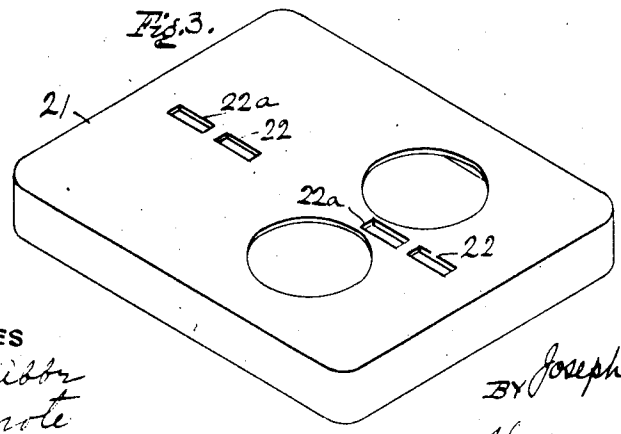


Fig. 2.

Fig. 3.



WITNESSES

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2 SHEETS—SHEET 2.

Fig. 5.

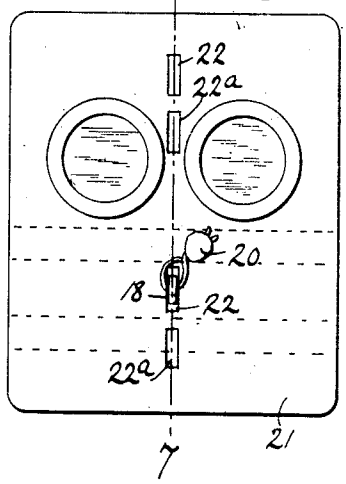


Fig. 6.

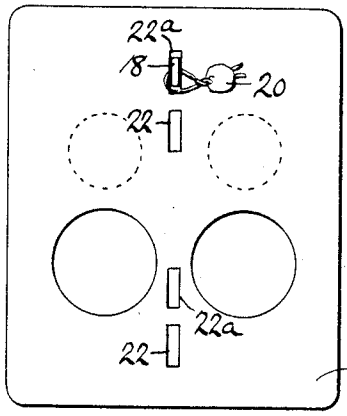


Fig. 7.

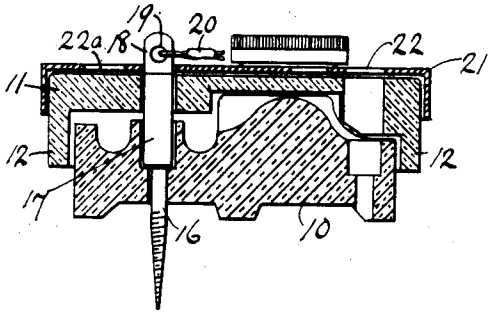
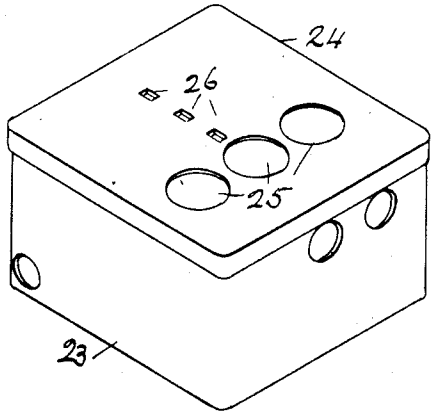


Fig. 8.



WITNESSES

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UNITED STATES PATENT OFFICE.

JOSEPH G. SWALLOW, OF NEW YORK, N. Y., ASSIGNOR OF ONE-HALF TO FRANK W. SMITH, OF NEW YORK, N. Y.

CUT-OUT.

No. 866,977. Specification of Letters Patent. Patented Sept. 24, 1907.

Application filed April 4, 1907. Serial No. 366,290.

To all whom it may concern:

Be it known that I, JOSEPH G. SWALLOW, a citizen of the United States of America, residing in the borough of Brooklyn, city of New York, county of Kings, and State of New York, have invented certain new and useful Improvements in Cut-Outs, of which the following is a specification.

My invention relates particularly to cut-out blocks and my object is to provide a device of this character in which all electrically live parts are so covered that access thereto from the outside is impossible. In connection with this construction I provide means for sealing the cover in place so as to prevent unscrupulous persons from lifting the same and inserting lead wires clandestinely.

The construction which I have found advantageous for this purpose is shown in the accompanying drawings in which

Figure 1 is a perspective of the usual cut-out base; Fig. 2 is a similar view of my protective cover; Fig. 3 is a similar view of my sealing cap; Fig. 4 is a side elevation of the securing screw; Fig. 5 is a plan of the parts in position; Fig. 6 is a plan of the parts with the cap reversed; Fig. 7 is a cross-section on the line 7—7, Fig. 5; and Fig. 8 is a perspective of an outlet box to which my invention is adapted.

Referring to the drawings it will be seen that I provide for the usual base 10 of the cut-out block, a porcelain cover 11 the sides 12 of which fit over and extend down over the sides of the base 10. Passages 13—13 and 14—14 for the main and branch wires respectively are provided, but it will be seen that the binding screws and live wires are all covered so as to be inacessible from the outside without removing or lifting the cover. The openings 15 in the top of the cover permit the passage therethrough of the fuses, which may thus be readily replaced if necessary, without disturbing the cover.

To hold the cover in place and thus prevent tampering with the cut-out for the purpose of stealing current, I provide one or more screws having an enlarged body part 17 and an upper terminal lug 18. The threaded stem 16 passes down through the base and secures the cut-out to its support. The body part 17 passes through the cover above which the lug 18 projects. A hole 19 through this lug affords means for the use of a seal 20 by which the cover is secured to the base. In this connection I provide also a metal cap 21 adapted to fit snugly over the porcelain cover 11. In this cap are provided, in addition to the holes for the insertion and removal of the fuse plugs, slots 22 through which the lugs 18 of the securing screw pass. It will be seen at once that the seal prevents the cap from being lifted from the cover, while the lug on the securing screw projecting through the slot in the cap prevents the rotation of the screw. The parts are thus securely locked together and can be separated only by breaking the seal.

To provide similar protection when fuse plugs are not used in the cut-out and the holes 15 are thus left exposed I make this cover piece or cap 21 reversible and supply additional slots 22^a through which the lugs of the screw may pass when the cap is in its reversed position. In this position it will be seen (Fig. 6) that the cap completely covers the fuse plug holes and thus protects the exposed sockets of the cut-out when used without the fuse plugs.

While my invention is primarily intended for use in connection with cut-out blocks alone, it may be adapted as shown in Fig. 8, to outlet boxes. The cut-out block being conveniently secured within the outlet box 23 the latter is provided with a reversible cover 24 with openings 25 for the fuse plugs and slits 26 for the lugs 18 of the securing screw. When used without fuse plugs the cover may be reversed and the exposed sockets covered in like manner as shown in Fig. 6 for the cut-out block.

The size of the cut-out or outlet box or the number of fuse plugs used, are all immaterial, since the position of the securing screws may be varied at will and the slits in the cap varied accordingly. Other ways of carrying out my invention may be devised, and I do not limit myself to the construction shown.

I claim as my invention:

1. A device of the character described, having a base and a cover, the latter being provided with a hole to permit the passage of a fuse plug therethrough and a piece passing through said parts in combination with means in connection with the latter for sealing said parts together.

2. A device of the character described, having a base and a cover, the latter being provided with a hole to permit the passage of a fuse plug therethrough and a securing screw passing through said parts in combination with means in connection with said screw for sealing said parts together.

3. A device of the character described having a base and a cover, the latter being provided with a hole to permit the passage of a fuse plug therethrough and a securing screw having a terminal lug provided with a hole and means in connection with said screw for sealing said parts together.

4. A device of the character described having a base adapted to receive a fuse plug, a cover provided with a hole registering with a receptacle for the fuse plug in the base in one position and covering said receptacle when in reversed position, and means for sealing said cover and base together when the cover is in either position.

5. A device of the character described having a base adapted to receive a fuse plug, a cover provided with a hole registering with a receptacle for the fuse plug in the base in one position and covering said receptacle when in reversed position, and a securing screw passing through

said parts and provided with a terminal lug, in combination with means in connection with said screw for sealing said parts.

6. A cut-out block having a cover with a hole to permit the passage of a fuse plug therethrough, and provided with downwardly extending sides adapted to fit over the sides of the base and exclude access to electrically live parts of the device, substantially as described.

7. A cut-out block having a cover with a hole to permit the passage of a fuse plug therethrough, and provided with downwardly extending sides adapted to fit over the sides of the base and exclude access to electrically live parts of the device, in combination with means to secure and seal said parts together, substantially as described.

In testimony whereof I have signed my name to this specification, in the presence of two subscribing witnesses.

JOSEPH G. SWALLOW.

Witnesses:

L. A. COLEMAN,

H. I. CHESEBRO.