No. 834,829. PATENTED OCT. 30, 1906.

G. A. LUTZ.

MEANS FOR HOLDING RECEPTACLES AND THE LIKE TO CONDUITS.

APPLICATION FILED SEPT. 14, 1905.

Fig. 1.

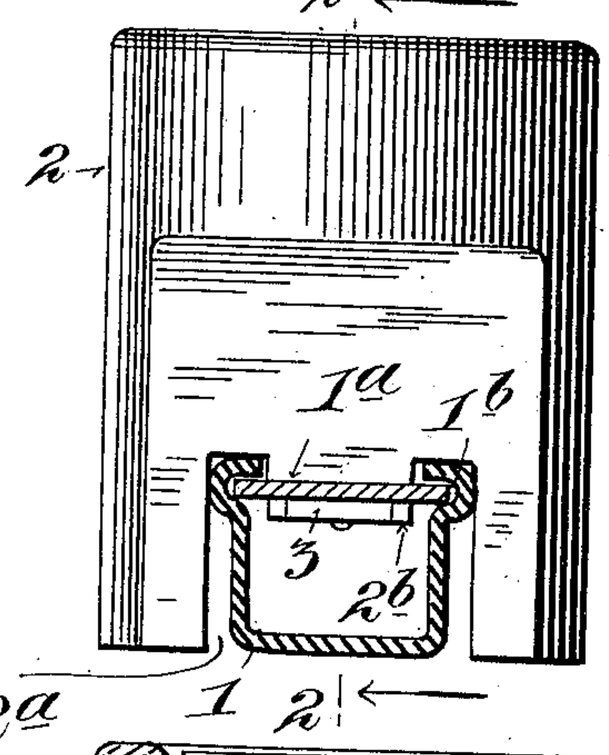


Fig. 2.

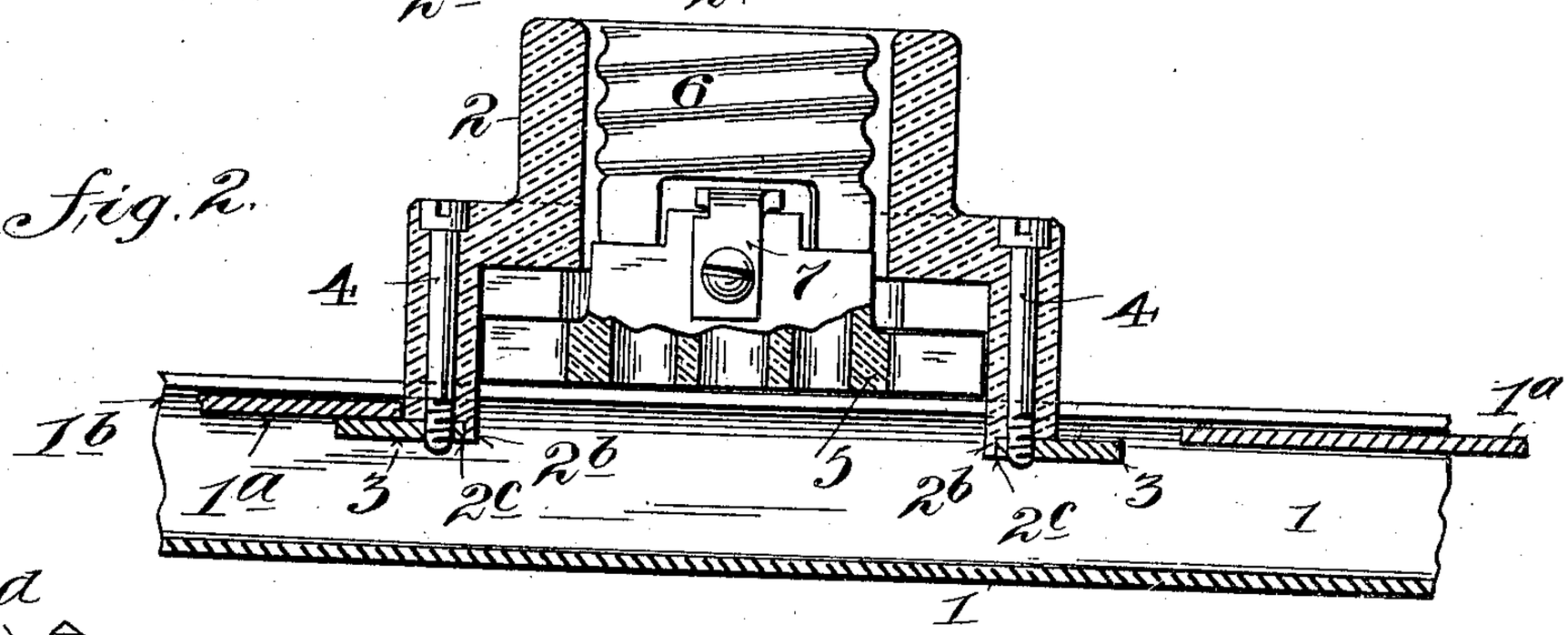
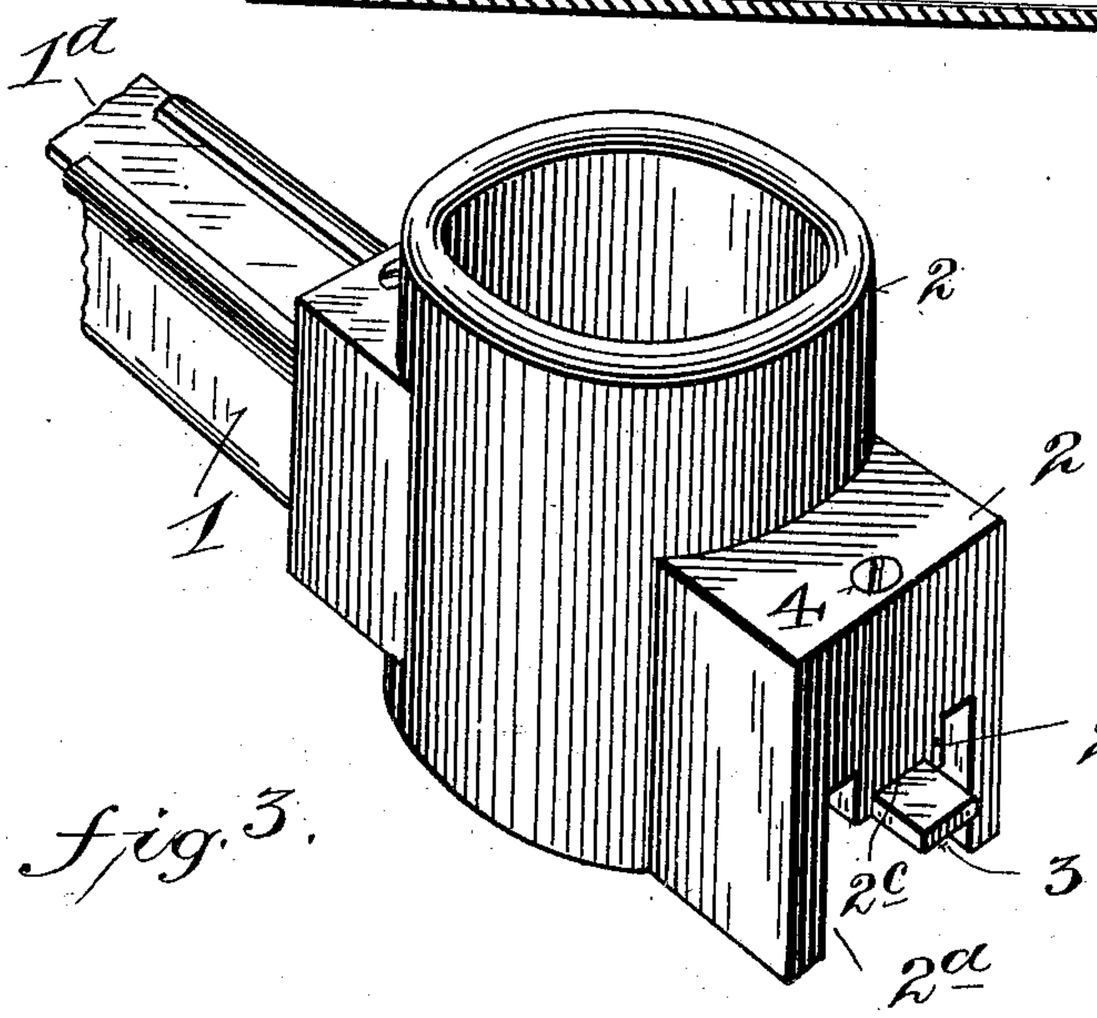


Fig. 3.



Witnesses
C. W. Benjamin
M. Hollingshead

Inventor
G. A. Lutz.
By his Attorney
T. F. Bourne

UNITED STATES PATENT OFFICE.

GEORGE A. LUTZ, OF NEW YORK, N. Y.

MEANS FOR HOLDING RECEPTACLES AND THE LIKE TO CONDUITS.

No. 834,829. Specification of Letters Patent. Patented Oct. 30, 1906.

Application filed September 14, 1905. Serial No. 278,427.

To all whom it may concern:

Be it known that I, GEORGE A. LUTZ, a citizen of the United States, residing in New York city, borough of Brooklyn, New York, have invented certain new and useful Improvements in Means for Holding Receptacles and the Like to Conduits, of which the following is a specification.

The object of this invention is to detachably connect receptacles, caps, and analogous outlet-fittings upon conduits for electric conductors, and particularly to conduits having removable covers; and the invention is especially applicable for use with receptacles, caps, and the like that are made of insulating material.

The invention consists in the novel details of improvement that will be more fully hereinafter set forth, and then pointed out in the claims.

Reference is to be had to the accompanying drawings, forming part hereof, wherein—

Figure 1 is an end view of a receptacle mounted upon a conduit in accordance with this invention. Fig. 2 is a longitudinal section on the line 2 2 in Fig. 1, and Fig. 3 is a perspective view of the same.

In the accompanying drawings, in which similar numerals of reference indicate corresponding parts in the several views, the numeral 1 indicates a conduit having one side open and provided with a removable cover or covers 1^a, (shown fitting in grooved portions 1^b in the side walls of the conduit,) and at 2 is a cap or receptacle fitting over or upon the conduit and shown provided with a gain or recess 2^a on its under side receiving the conduit, the cap 2 having lugs or projections 2^b at its ends that project into the conduit in line with the corresponding cover 1^a, whereby the movement of the cover into the cap or receptacle is limited, the lugs thereby acting as stops. At 3 are strips in the nature of lips or projections projecting outwardly toward the covers 1^a from the lugs 2^b, being shown attached to the cap by screws or the like 4, that pass through holes in the cap and thread into the lips or strips 3. As a means for holding the lips or strips 3 in proper position upon the lugs 2^b I have shown said lugs as provided on their under surfaces with sockets or recesses 2^c, in which the lips or strips 3 fit, whereby the latter are kept from turning and are maintained projecting outwardly or toward the covers 1^a. The cap 2 may be made of insulating material, such as porcelain, and the lips or strips 3 may be made of metal, although the lips 3 could be made integral with the material of the cap and lugs; but by having the lips 3 made of metal and secured to the cap the danger of breaking fragile lips that are integral with the cap is overcome.

When the cap is placed upon the conduit, the covers 1^a may be pushed over the lips or strips 3 and into engagement with the lugs 2^b, as shown at the left in Fig. 2, whereby the cap is detachably held upon the conduit, and the cap may be removed from the conduit by sliding back or moving the covers 1^a away from the lips 3.

The device shown is in the form of a receptacle in which the base is indicated at 5 in Fig. 2, which base may be made of insulating material, such as porcelain, and the cap 2 overlies the base in well-known manner, the base being provided with any suitable electrical connections, (indicated generally at 6 7.)

Having now described my invention, what I claim is—

1. The combination of a conduit provided with a movable cover, with a cap made of insulating material and having a lip projecting outwardly engaging the cover to retain the cap in place upon the conduit.

2. The combination of a conduit having a movable cover, with a cap, a lip carried by the cap to engage the cover, and means for holding the lip upon the cap.

3. The combination of a conduit provided with a movable cover, with a cap having a gain receiving said conduit, said cap having a lip to engage the cover to retain the cap upon the conduit.

4. The combination of a conduit provided with a movable cover, with a cap having a gain receiving the conduit, a lip carried by the cap and extending outwardly to engage a cover, and means for retaining the lip upon the cap.

5. The combination of a conduit provided with a movable cover, with a cap having means to engage the cover, and a base mounted upon the conduit within the cap.

6. A device of the character described comprising a cap having a gain in its under surface to receive a conduit and provided with a lip extending outwardly to retain the cap upon a conduit.

7. A device of the character described comprising a cap made of insulating material provided with a lip, and means for holding the lip upon the cap.

8. A device of the character described comprising a cap having a lug provided with a recess, a lip having a portion located in said recess and a portion projecting outwardly from the lug, and means to hold the lip upon the cap.

GEORGE A. LUTZ.

Witnesses:
T. F. BROWN,
M. HOLLINGSHEAD.