

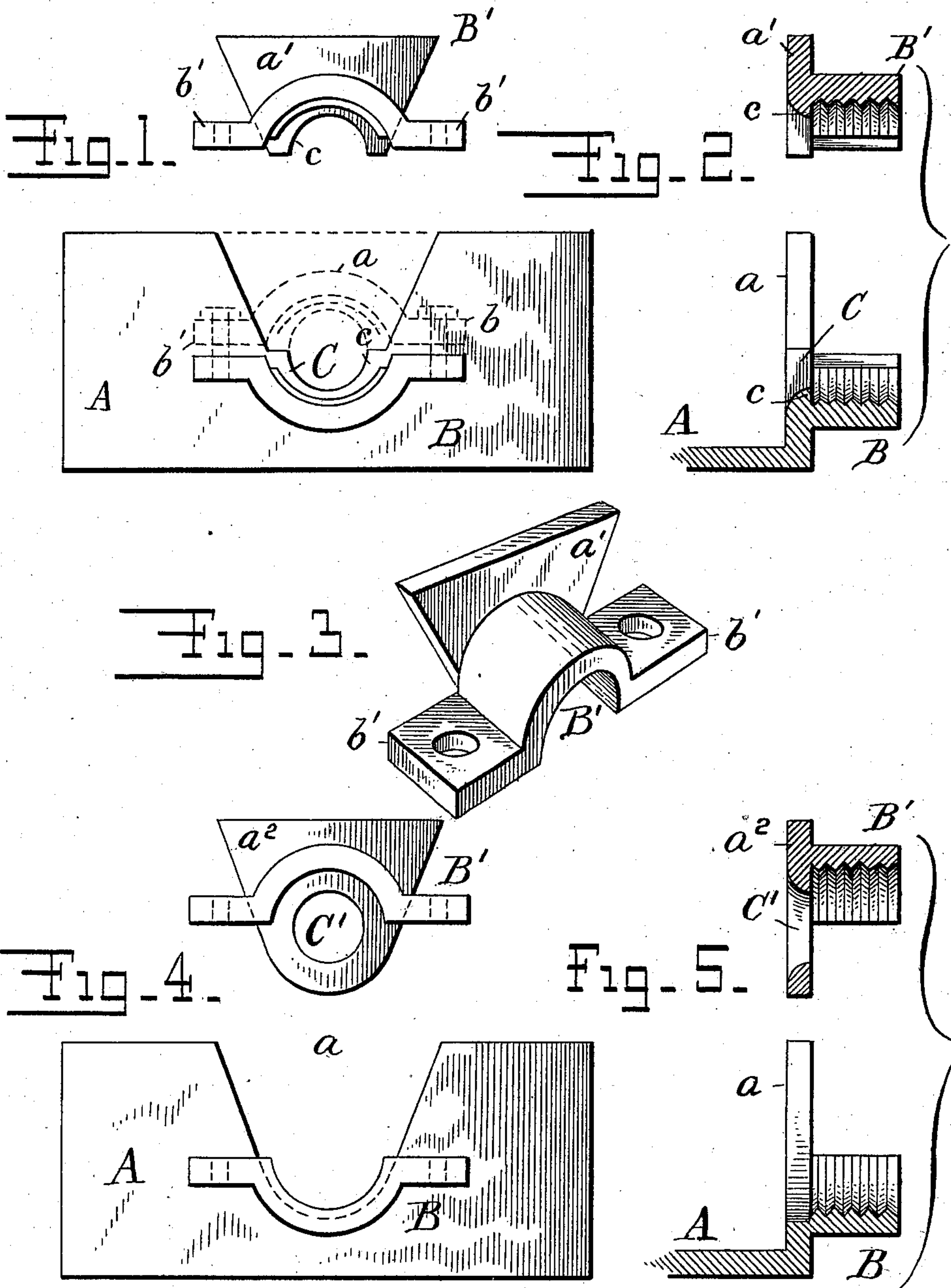
No. 700,340.

Patented May 20, 1902.

H. KRANTZ.
ELECTRICAL OUTLET BOX.

(Application filed Mar. 26, 1902.)

(No Model.)



WITNESSES:

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HUBERT KRANTZ, OF BROOKLYN, NEW YORK.

ELECTRICAL OUTLET-BOX.

SPECIFICATION forming part of Letters Patent No. 700,340, dated May 20, 1902.

Application filed March 26, 1902. Serial No. 100,105. (No model.)

To all whom it may concern:

Be it known that I, HUBERT KRANTZ, a citizen of the United States of America, residing in the borough of Brooklyn, in the county of Kings, State of New York, have invented Improvements in Electrical Outlet-Boxes, of which the following is a specification.

My invention consists of a modified construction of electrical conduit or outlet-box of the type forming the subject of my Letters Patent No. 680,254, dated August 13, 1901, and in which the connecting-necks for the pipes are each formed in two parts, one part being formed integral with the body of the box and the other a separate piece.

The object of my invention is to so make a box of this patented construction as to facilitate and improve the manufacture thereof.

In the accompanying drawings, Figure 1 is an end or side view of my improved electrical outlet-box, showing the separable part of the connecting-neck detached. Fig. 2 is a vertical section at right angles to Fig. 1. Fig. 3 is a perspective view of the detached piece, and Figs. 4 and 5 are views of a modification.

A is the body of the outlet-box, and B is the lower half of the split connecting-neck formed on the side wall integral with the body of the box.

B' is the upper detachable half of the split connecting-neck.

According to my present invention I form a notch *a* in the side wall of the box at the opening C for the conductors to facilitate the casting of the box, and I secure to or form integral with the part B' of the neck a plate *a'* of the thickness of the side wall and of a shape to fill the notch *a* when the part B' is put in place to receive and hold the pipe end.

In Figs. 1, 2, and 3 the plate *a'* and notch *a* are shown as of wedge-shaped outline, and the bottom edge of the filling-plate has a semi-circular notch in it to form with a like notch in the bottom of the cut-away part *a* of the side wall the opening C for the passage of the conductors from the pipe when the clamp B' and plate *a'* are fitted in place, as indicated by dotted lines in Fig. 1. The size of this opening C is such with relation to the clamp-

ing-pieces B and B' as to leave shoulder *c*, against which the end of the conduit-pipe can bear, and this shoulder is made to flare inwardly, as shown in Fig. 2, to prevent abrasion of the insulating-covering of the conductors at that point. In the modification shown in Figs. 4 and 5 the flaring opening C' for the conductors is shown as formed wholly within the filling-piece *a*², which is carried by the detachable half of the connecting-neck.

In the drawings I have shown the inner faces of the two halves B B' of the connecting-neck as provided with projections the better to hold the pipe end; but this is not essential, nor is it material what means be employed for securing or clamping the two parts B B' together. For illustration I have shown the split connecting-neck as provided with corresponding lugs *bb'*, through holes in which securing-bolts may be passed.

I claim as my invention—

1. An electrical outlet-box, having a split connecting-neck, one part of the neck being formed integral with the body of the box, and the other separate, and means for clamping them together, the side wall of the box at the outlet-opening being cut away, as and for the purpose described.

2. An electrical outlet-box having a split connecting-neck, one part of the neck being formed integral with the body of the box, and the other separate, and means for clamping them together, the side wall of the box at the outlet-opening being cut away, and a filling-piece being provided for said cut-away portion, substantially as described.

3. An electrical outlet-box having its side wall cut away at the outlet-opening, with a split connecting-neck, one part integral with the box, and the other a separate part which carries a filling-piece for the cut-away portion of the side wall, all substantially as described.

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

HUBERT KRANTZ.

Witnesses:

E. MANN,

J. A. NEWTON.