A. McMURTRIE.

ELECTRICAL OUTLET BOX AND THE LIKE.

APPLICATION FILED JAN. 15, 1906.

1,105,284. Patented July 28, 1914.

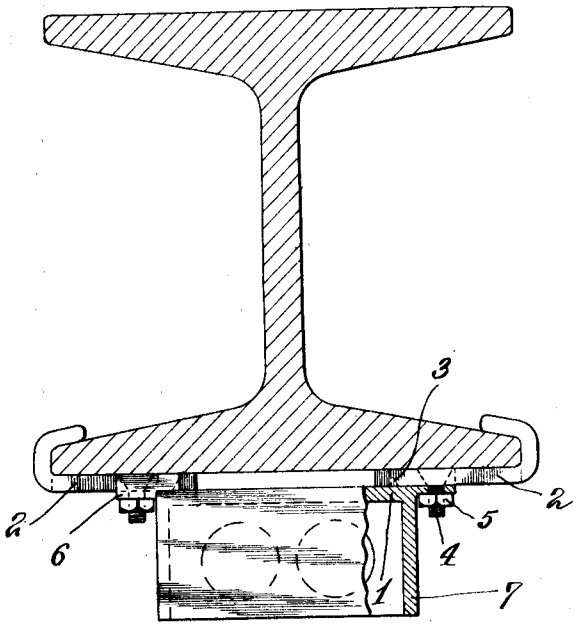


Fig. 3

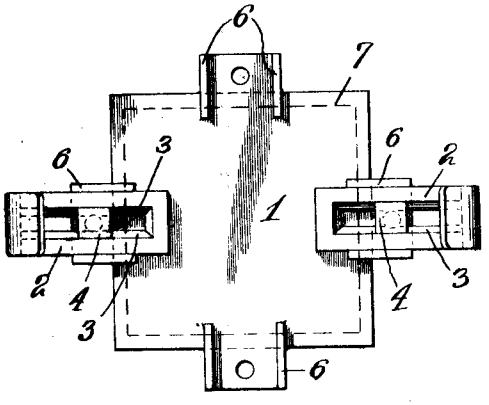


Fig. 1

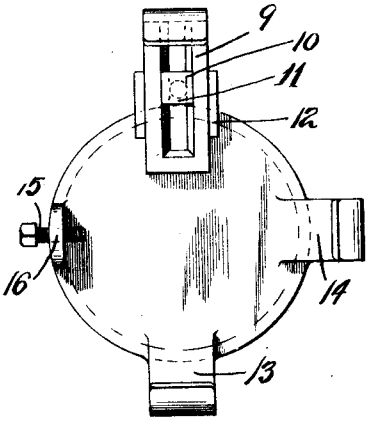


Fig. 2

Witnesses
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By his Attorney
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UNITED STATES PATENT OFFICE.

ADNAH McMURTRIE, OF NEW YORK, N. Y., ASSIGNOR TO THOMAS & BETTS COMPANY, OF NEW YORK, N. Y., A CORPORATION OF NEW YORK.

ELECTRICAL OUTLET-BOX AND THE LIKE.

1,105,284. Specification of Letters Patent. Patented July 28, 1914.

Application filed January 15, 1906. Serial No. 296,037.

To all whom it may concern:

Be it known that I, ADNAH McMURTRIE, of New York, N. Y., have invented certain Improvements in Electrical Outlet-Boxes and the like, of which the following description, in connection with the accompanying drawings, is a specification, like letters on the drawings designating like parts.

This invention relates to outlet boxes or the like of a special utility in electrical conduit systems, although I contemplate the use of my improvements in any field to which they may be adapted by reason of the nature of my improvements, which have for their principal object means to enable the adjustable attachment of such boxes to I beams or similar structural members whether horizontal or upright. I prefer to embody the attaching means in a unitary construction with such boxes, so that the boxes may be secured in place without drilling holes in the I beams to enable fastening of the boxes thereto by bolts or their equivalent, and the various features by which I provide for such adjustable attachment will be illustrated and described fully in the accompanying drawing and specification and pointed out in the claims.

In the drawings, Figure 1 illustrates in rear elevation an outlet box for electrical conduit in the construction of which my improvements have been embodied. Fig. 2 illustrates a modification thereof, while Fig. 3 is a view in section, partly in elevation, showing the box of Fig. 1 in place.

In the embodiment of my invention selected for illustration and description as a convenient form to enable a ready and complete understanding of my improvements, the part designated by the reference numeral 1 (in Figs. 1 and 3) is the bottom of what may be considered an outlet box, which may be formed of any usual or convenient shape or material, such as iron or steel, and will have, in accordance with my invention means to enable the attachment of fastening devices such as the sliding clamps 2, slotted at 3 to receive set bolts 4 with nuts 5, the specific construction of which may vary without departing from the spirit of my invention. For the sake of convenience I prefer to provide ribs or guides 6, integral with the material of the box, between which the clamps will slide, and there may be any desired number or arrangement of the clamps and their seats, of which four are shown in Fig. 1. Usually the clamps on only two opposite sides will be in use, but I provide four, both to enable the box to be turned side for side and to present a bottom surface which will not permit tipping of the box when it rests against the flat surface of the I beam or other support. It is desirable to provide for turning the box side for side, as the respective sides 7 are usually provided with a different number of apertures for conduit, and if the side having two apertures is to be turned toward a direction from which two pipes run, my arrangement of the clamps will permit this to be done readily, and similarly a side having three apertures may be located in any desired position.

In Fig. 2, the box 8 is round, and has clamp members 9, 10, 11, 12 like those already described, but at 13 I have shown a clamp member integral with the material of the device. At 14 a similar hook is provided to engage a flange, the set screw 15, mounted in a post 16, serving to secure the box in place.

What I claim as new and desire to secure by Letters Patent is:—

1. The combination with an electrical conduit member of the nature of an outlet box, having a seat extending laterally beyond the end of said box, and provided with a guide rib; of an adjustable clamp movable parallel with the base of said box, guided by said rib, to enable attachment of said box to supports of different sizes; and fastening means connecting said clamp with said extended seat portion and operable from outside said box to secure said clamp in adjusted position.

2. The combination with an electrical conduit member of the nature of an outlet box, of adjustable clamping means, to enable adjustable attachment of said box to a suitable support, said clamping means compris-

ing a fixed gripping abutment formed integrally with said box to engage one portion of said support and a movable member to engage another portion of said support and secure said box thereto, substantially as described.

Signed at New York in the county of New York and State of New York this 27th day of December A. D. 1905.

ADNAH McMURTRIE.

Witnesses:
ALEXANDER C. PROUDFIT,
WM. H. McCORMICK.