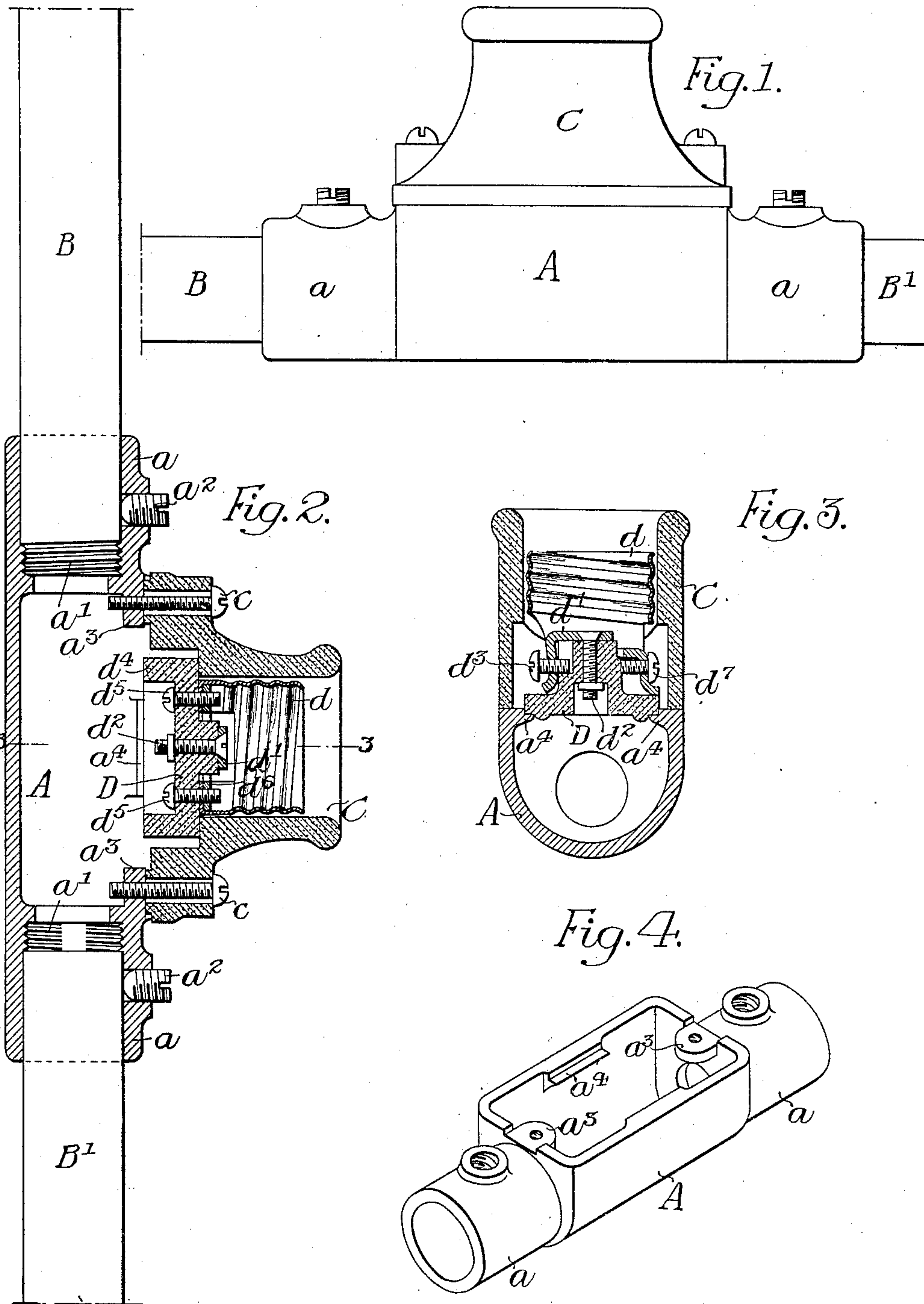


H. T. PAISTE.
OUTLET FIXTURE FOR CONDUITS.
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963,639.

Patented July 5, 1910.



Witnesses:-
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UNITED STATES PATENT OFFICE.

HENRY T. PAISTE, OF PHILADELPHIA, PENNSYLVANIA.

OUTLET-FIXTURE FOR CONDUITS.

963,639.

Specification of Letters Patent.

Patented July 5, 1910.

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To all whom it may concern:

Be it known that I, HENRY T. PAISTE, a citizen of the United States, residing in Philadelphia, Pennsylvania, have invented certain Improvements in Outlet-Fixtures for Conduits, (being a division of my application filed March 18, 1908, Serial No. 421,778,) of which the following is a specification.

My invention relates to fixtures particularly designed for use with conduits carrying electrical conductors, and more particularly with that type of fixture designed for the support of an incandescent lamp socket.

One object of my invention is to so construct a fixture of the type above noted, that the lamp socket proper, as well as its insulating case or shell, shall be provided with a substantial support and be rigidly held in place.

These and other advantageous ends I secure as hereinafter set forth, reference being had to the accompanying drawings in which:—

Figure 1, is a side elevation of one form of my improved fixture; Fig. 2, is a longitudinal vertical section of the fixture shown in Fig. 1; Fig. 3, is a transverse vertical section taken on the line 3—3, Fig. 2; and Fig. 4, is a perspective view of a fixture; the lamp socket and its protecting cover being omitted.

In the above drawings, A represents a casting provided with two outlets a , constructed for the reception of conduits B and B', and it will be noted that each of said outlets is provided at its extreme inner portion with a relatively short threaded section a' , while the remainder of its interior is unthreaded. Each outlet has a set screw a^2 so placed that it may be made to engage the cylindrical surface of that portion of a conduit inserted within the unthreaded part of said outlet. The casting A has the sides of its main portion flared, as shown best in Fig. 4, so as to form an approximately rectangular opening upon which may be mounted a protective casing C, usually of insulating material such as porcelain, within which is placed a lamp socket D. The opening in the casting A is provided with inwardly projecting lugs a^3 for the reception of screws c whereby the casing C is held in place, and there are also inwardly projecting ledges a^4 for the reception of the lamp socket D. Said socket is provided with a

shell d threaded in this case for the reception of an incandescent lamp, and has also a terminal plate d' mounted at the bottom of said shell. This plate is held to the porcelain or other base piece d^4 of the socket by a screw d^2 and is extended down one side of said base piece, as shown in Fig. 3, where it is provided with a terminal screw d^3 . The shell d is held to the base piece by screws d^5 , which also serve to electrically connect to it a plate d^6 having a lug extended down the side of the base piece opposite the extension of the plate d' and provided with a second terminal screw d^7 .

With the above arrangement of parts it will be noted that when the protecting casing or covering C is firmly mounted upon the casting A by means of its screws c , it engages the projecting ends of the base piece d^4 of the socket D so as to rigidly hold these between itself and the ledges a^4 ; the thickness of said ends and the positions of said ledges being such as to accomplish this end.

I claim:—

1. A fixture consisting of a hollow structure having an end opening for the reception of a conduit and having also an enlarged central portion provided with a side opening, a pair of lugs projecting inwardly from the sides of the latter opening, a casing mounted over said opening, means whereby the casing is held to the hollow structure, and a member confined between the casing and the lugs.

2. A fixture consisting of a hollow structure provided with an opening for a conductor and having also an opening for the reception of a lamp socket, lugs on said structure projecting inwardly from the sides of the latter opening, a protective casing mounted over said opening, and a lamp socket confined between said casing and said lugs.

3. A fixture consisting of a hollow structure having an opening for a conductor and also provided with an opening for a lamp socket, lugs on said structure projecting inwardly from the body of the fixture on opposite sides of the lamp socket opening, a protective casing mounted over said opening, and a lamp socket having its insulating base confined between said lugs and said protective casing.

4. The combination of a hollow structure

having an opening provided with two pairs of lugs projecting respectively on opposite sides thereof, the lugs of one pair having holes, a casing mounted over the opening
5 and having holding means passing through the holes of said pair of lugs, with a lamp socket having its base confined between the second pair of lugs and the casing.

In testimony whereof, I have signed my name to this specification, in the presence of 10 two subscribing witnesses.

HENRY T. PAISTE.

Witnesses:

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