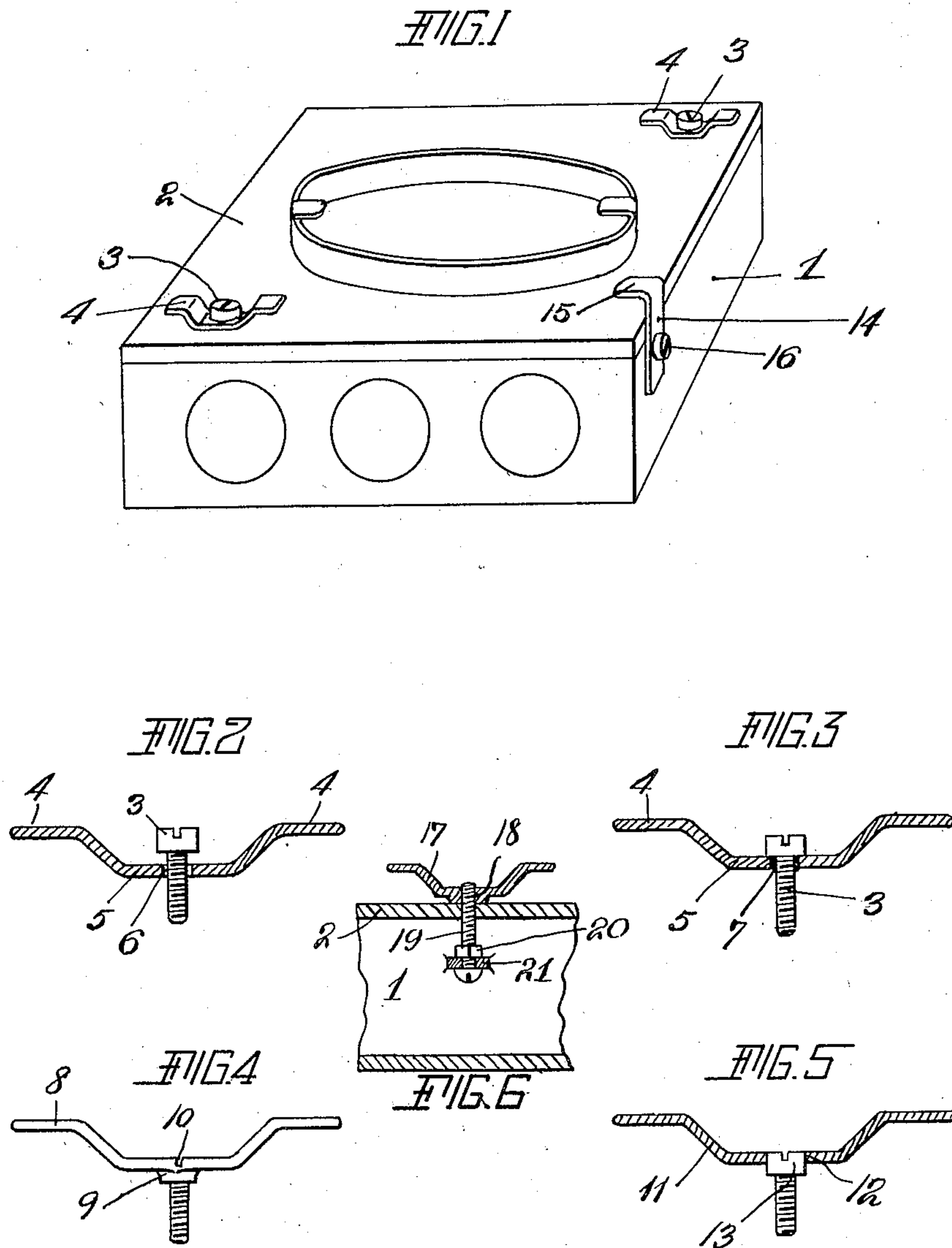


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PATENTED FEB. 12, 1907.

A. McMURTRIE.
PLASTER HOLDER FOR OUTLET BOXES.
APPLICATION FILED JUNE 14, 1906.



Witnesses
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UNITED STATES PATENT OFFICE.

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PLASTER-HOLDER FOR OUTLET-BOXES.

No. 843,962.

Specification of Letters Patent.

Patented Feb. 12, 1907.

Application filed June 14, 1906. Serial No. 321,616.

To all whom it may concern:

Be it known that I, ADNAH McMURTRIE, of New York, N. Y., have invented certain Improvements in Plaster-Holders for Outlet-Boxes, 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 similar members for electrical conduit systems, and has for its object the provision of plaster-holders for such members.

It is especially applicable to boxes made of pressed steel, which are usually smooth, and therefor non-retentive of plaster when covered up by plaster in walls of ceilings and in similar situations; but it will be understood that my invention is not limited to use upon boxes of pressed steel.

The various features of my invention will be illustrated and described fully in the accompanying drawings and specification and pointed out in the claims.

In the drawings, Figure 1 shows in perspective a box to which my invention has been applied. Fig. 2 is a view, on an enlarged scale, in longitudinal section of a plaster-retaining device constructed in accordance with my invention. Figs. 3, 4, and 5 are similar views of modified forms of such devices, Fig. 6 showing in longitudinal section still another modification applied to a box.

In the embodiment of my invention selected for illustration and description as a convenient form to enable ready and complete understanding of my improvements the reference-numeral 1 designates an outlet-box of the type commonly used for interior conduit systems for electric wiring, which, with its cover 2 and retaining-screws 3 for the cover, may be and is shown as of well-known pressed-steel construction, the material being considered in this instance as pressed steel merely for illustration.

In accordance with my invention I provide a plaster holder or retaining device 4, secured to the box by the screw 3 and projecting above the cover 2 to such a height as to engage the plaster covering the box after it has been set in the wall, ceiling, &c., and preventing the plaster from cracking away from the cover of the box.

The device 4 is shown on an enlarged scale

in Fig. 2, where the reference-numeral 4 designates the plaster-retaining portion. 5 is a body or attaching portion, the means for attachment in this instance consisting of a central aperture 6, through which the fastening-screw 3 may be passed. This is a simple and inexpensive form of the device and may be applied to any existing box.

In Fig. 3 the plaster retaining and attaching portions 4 and 5 are the same as that illustrated in Fig. 2, but are permanently secured to the screw 3 by a solder or other extraneous fastening material 7.

In Fig. 4 the plaster-retaining portion 8 is formed integrally with the head 9 of the fastening-screw and provided with a slot 10.

In Fig. 5 the body portion 11 has an aperture 12, in which lies the fastening-screw 13, the body and head being swaged together and held by frictional contact.

In Fig. 1 I have shown at the right-hand lower corner a slightly-different form of plaster-holder 14 with a retaining portion 15 to project above the cover, a screw 16 being provided to pass through the shank 14 into the side of the box 1.

In Fig. 6 the plaster-holder 17 has a central aperture 18, threaded to receive the shank of a screw 19, secured by a lock-nut 20 to a lug 21 in the side of the box 1. The member 17 in this instance serves to hold the cover 2 in place.

Having thus illustrated and described my invention fully and various styles of its embodiment, it will be understood that I do not limit myself to the specific forms shown and described nor in general otherwise than as set forth in the claims read in connection with this specification.

What I claim, and desire to secure by Letters Patent, is—

1. A plaster-retaining device for electrical outlet-boxes and the like, comprising a plaster-engaging portion, and an attaching portion having fastening means, substantially as described.

2. A plaster-retaining device for electrical outlet-boxes and the like, comprising a body or attaching portion, and a plurality of plaster-engaging wings, substantially as described.

3. A plaster-retaining device for electrical outlet-boxes and the like, comprising a body

member having a threaded attaching portion to permit said device to be secured removably to said box, and a plaster-engaging wing, substantially as described.

- 5 4. A plaster-retaining device for electrical outlet-boxes and the like, said device having means to permit its attachment to said box in position to secure in place the cover of said box, and plaster-engaging means to project

above said cover, substantially in the manner and for the purpose set forth.

Signed at New York city, in the county of New York and State of New York, this 24th day of May, A. D. 1906.

ADNAH McMURTRIE.

Witnesses:

R. P. HARRISON,
Wm. H. McCORMICK.