

No. 729,505.

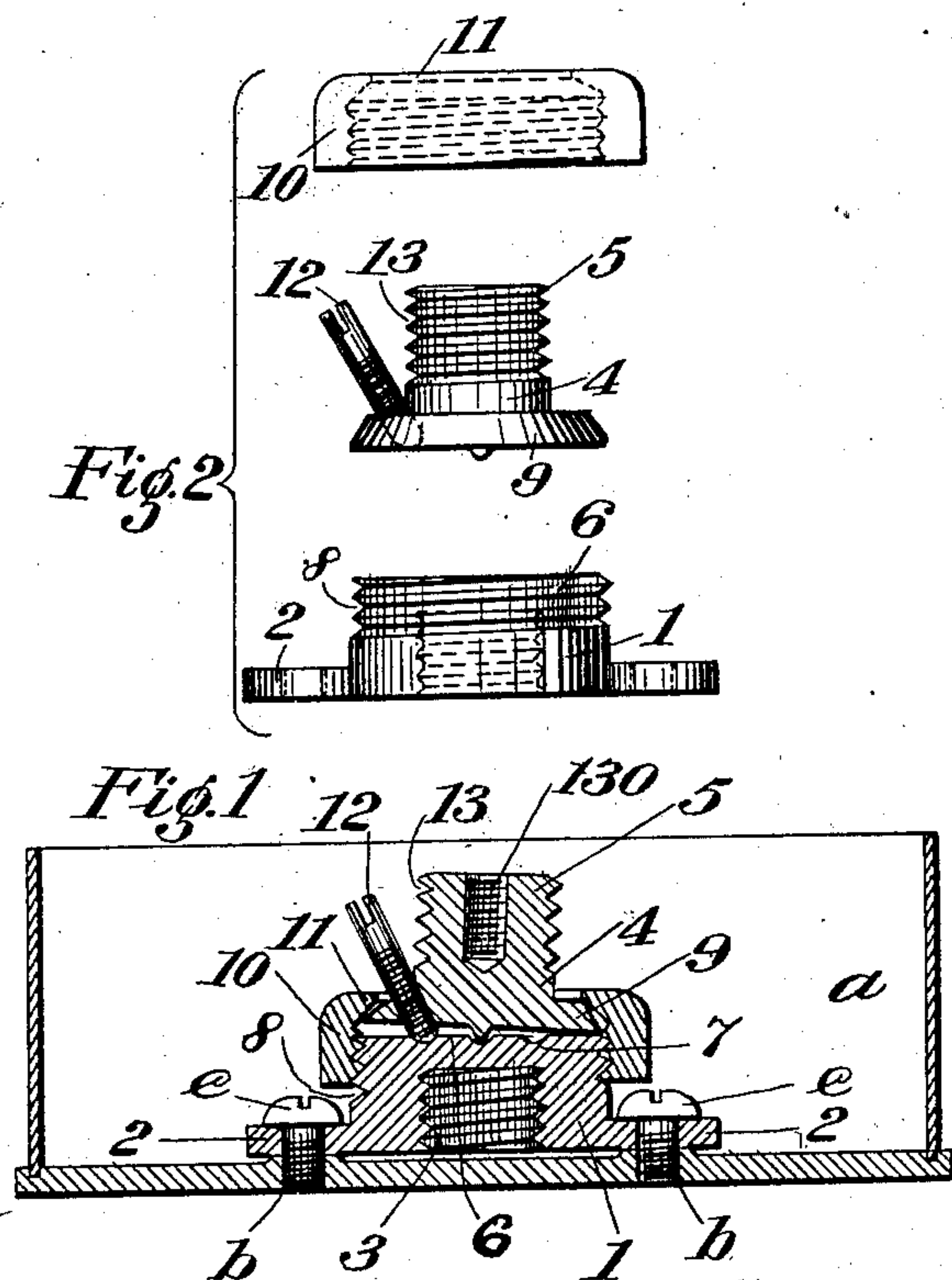
PATENTED MAY 26, 1903

A. McMURTRIE.

ATTACHMENT FOR ELECTRICAL CONDUITS.

APPLICATION FILED JAN. 11, 1902.

NO MODEL.



Witnesses
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ATTACHMENT FOR ELECTRICAL CONDUITS.

SPECIFICATION forming part of Letters Patent No. 729,505, dated May 26, 1903.

Application filed January 11, 1902. Serial No. 89,346. (No model.)

To all whom it may concern:

Be it known that I, ADNAH McMURTRIE, of New York, State of New York, have invented certain Improvements in Attachments for
5 Electrical Conduits, of which the following description, in connection with the accompanying drawings, is a specification, like letters and figures on the drawings designating like parts.

10 This invention relates to house-wiring systems for the distribution of electricity in lighting and like purposes, and more particularly to means for the adjustment of wall-brackets or similar lamp supports or fixtures
15 at the region of the juncture thereof with the conduit.

It happens frequently that the outlet-box or similar conduit member to which the bracket is connected is not plumb, with the
20 result that the fixture is left awry or is forced into the proper position at the cost of distortion of the fixture, with consequent ruin to its finish or to the rigidity of the fixture and conduit or insulating-joint or other parts.

25 My invention contemplates an attachment capable of being interposed between the outlet-box, outlet-pipe, or similar conduit member and the wall-bracket, lamp, or any standard form of fixture or the like in use, without
30 requiring alteration of the fixture, &c., and the character of the attachment being such that the angle of the fixture to the wall or other surrounding may be adjusted in any direction with the greatest nicety as the re-
35 quirements of any given situation are developed.

I have provided and devised an attachment which is as general in its application as the well-known insulating-joint for fixtures and
40 the like, and my attachment may be used with the aforesaid insulating-joint, as will be understood upon reference to the accompanying drawings and specification, in which the various features of my invention will be illus-
45 trated and described fully, and pointed out in the claims.

In the drawings, Figure 1 is a view in vertical section of an attachment in the construction of which my improvements have been
50 embodied, the attachment being illustrated in place within an outlet-box of well-known

form. Fig. 2 shows in side elevation the parts of the attachment separate from the box and detached from each other.

In the embodiment of my invention selected
55 for illustration and description as a convenient form to enable a ready and complete understanding of my improvements, referring particularly to Figs. 1 and 2, the part design-
60 ated by the reference-numeral 1 may be described as the attaching member, by which my device may be secured to the conduit member in connection with which it is to be
65 used, and in this instance the latter takes the form of a well-known type of outlet-box *a*. The means of connection may be varied as found convenient and suitable, and as
70 such boxes usually have holes *b* to receive screws *c* by which the ordinary standard non-adjustable fixture-stud is secured, I have
75 shown lugs 2 on my attaching member to receive the screws, thus insuring its capacity for ready attachment to existing conduit members without necessity for altering them.
80 So, also, a threaded recess 3 may be provided to receive the threaded end of a conduit or the like. In accordance with my invention I provide another member 4, which I designate
85 as the "supporting" member, carrying a stud-receptacle or equivalent device 5, to which may be secured in the usual manner a bracket,
90 lamp, or other fixture (using the latter term in a general and non-technical sense) and means to enable the members to be adjusted in different angular positions relatively to their respec-
95 tive axes and to hold them in adjusted relation, thereby to present the fixture in desired angular position relatively to the outlet-box or other conduit member, and therefore to the wall, ceiling, or other situation where the fixture has
100 been located. In the figures under discussion the attaching member is shown as having a rather broad top or bearing-surface 6, preferably pitted as at 7, and a threaded periphery 8, while the stud or supporting member has a
flange or foot 9, which stands upon the surface 6, to which it may be clamped by an internally-threaded collar 10, the rim 11 of which en-
gages the flange. The members are rotatable relatively to each other about their common
longitudinal axis, and the stud or supporting member can be tilted also, so that the uni-

versal adjustment in the instance illustrated can be accomplished in a manner easily understood, the means for controlling the adjustment residing in a set-screw 12, carried
5 by the stud member and bearing against the surface 6, the pits 7 whereof when used aiding rigidity of connection. The stud or supporting member is shown as threaded at 13, like the ordinary standard non-adjustable
10 stud, but its construction may be varied as desired and found suitable, just as that of the ordinary stud is often varied.

Having thus described my invention fully with reference to certain embodiments thereof,
15 of, I wish it understood that I do not limit myself to these specific embodiments, nor to the use of my improved attachment with any specific conduit, nor in general otherwise than as set forth in the claims read in connection
20 with this specification.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

25 1. An attachment of the class described for electrical conduit; comprising an attaching member; a stud or supporting member capable of angular axial adjustment relatively to said attaching member; means intermediate said members to accomplish said angular ad-

justment positively; and a collar connecting
said members to hold them in adjusted position.

2. A universally-adjustable fixture-stud; comprising an attaching member; a stud or supporting member; a set-screw to control
35 the angular axial relation of said members; and a collar to connect said members.

3. An attachment of the class described; comprising an attaching member, having attaching means, a bearing-surface, and a
40 threaded periphery; a supporting member, having a stud or supporting portion, a flange, and a set-screw; and a collar, threaded internally to run upon said threaded periphery of said attaching portion and having a rim to
45 engage said flange of said supporting member; said parts being rotatable about a common axis, with reference to which said supporting member is capable of angular adjustment controlled by said set-screw.
50

Signed at New York, in the county of New York and State of New York, this 9th day of January, A. D. 1902.

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Witnesses:

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