Nov. 4, 1930. A. A. SMITH 1,780,847

ELECTRICAL FIXTURE

Filed June 19, 1929

Fig. 1.

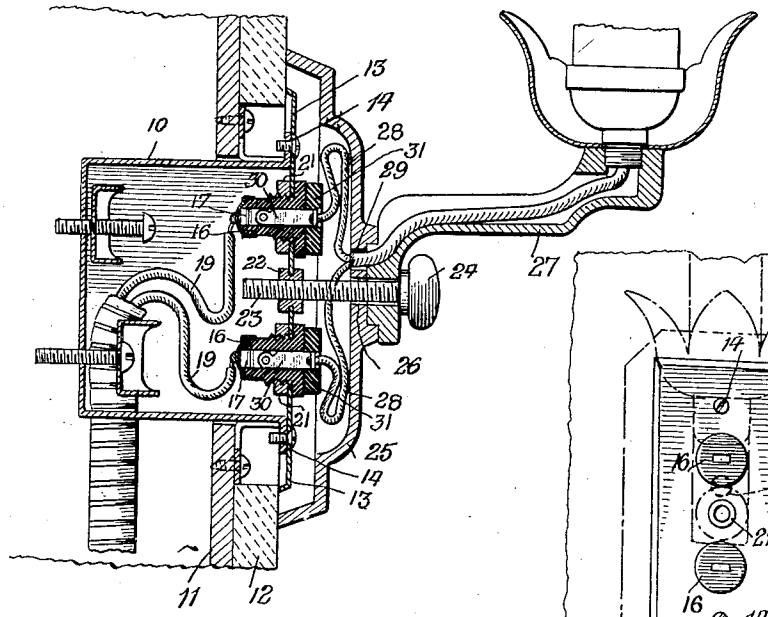


Fig. 4.

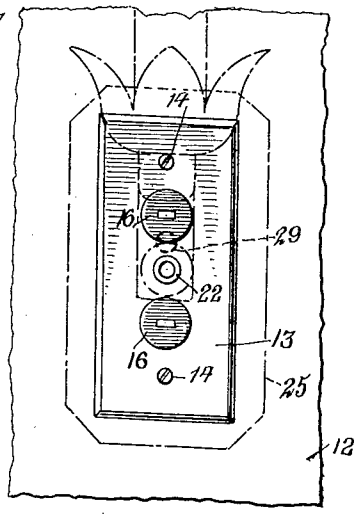


Fig. 2.

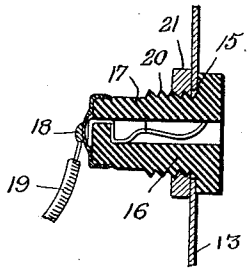
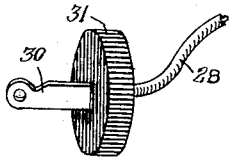


Fig. 3.



WITNESSES

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UNITED STATES PATENT OFFICE

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ELECTRICAL FIXTURE

Application filed June 19, 1929. Serial No. 372,183.

This invention relates to electrical fixtures.

It is among the objects of the present invention to provide a novel and improved electrical fixture which is simple in construction and readily assembled and well suited to the demands of economic manufacture.

A further object of the present invention is to provide an electrical fixture including a wall box having means carried thereby for supporting an external wall fixture.

A further object of the present invention is to provide an improved cover for wall boxes with a projecting member associated therewith for supporting an ornamental wall fixture.

A further object of the present invention is to provide in combination a wall box, a cover therefor, and a threaded member carried by said cover and extending therefrom to support a wall fixture, the fixture being preferably arranged to cover the wall box cover.

Other important objects of the present invention include the combination and interrelation of parts whereby the whole forms a novel, simple and improved construction.

Other objects of the present invention will be apparent from a consideration of the following specification in conjunction with the accompanying drawings, in which—

Figure 1 is a vertical section taken through one form of the present invention;

Figure 2 is a detail view of a conductor socket used in the present invention;

Figure 3 is a detailed view of the conductor plug; and

Figure 4 is a front plan view of the device assembled with the wall fixture shown in dotted lines.

Referring more particularly to Figure 1 of the drawings, the invention includes the conventional wall box 10 which may be supported in any desired manner from a wall structure 11. It will be understood that the wall structure generally includes a plaster surface, as indicated at 12. The wall box is in usual practice mounted upon the structure 11, its front open side being parallel with the front surface of the plaster 12.

In considering the present invention it will be understood that the wall box is of the usual metallic construction or its equivalent, and that the invention is not specifically confined to the type of wall box here illustrated, but that it is applicable to various types of wall boxes or their equivalents, and may be supported from any type of wall in any conventional manner.

As in usual practice the wall box of the present invention is provided with a cover plate, the cover plate of the present invention being indicated at 13, and being supported by connection with the flanged front face of the wall box, as at 14. In accordance with the usual practice the cover plate 13 is adapted to extend from the sides of the wall box to engage the plaster 12 and to provide a cover for the box and for the connection of the box with the wall.

For providing a conventional electrical connection through the cover 13 the cover is provided with a pair of spaced apertures 15, as shown in Figure 2, through which extend a single conductor receptacle 16 which may be formed of the usual insulating material and within which a resilient contact element 17 is mounted, which element is associated by solder in the conventional manner, as at 18, with the conductor 19 of the wall box. The receptacle 16 is externally threaded as at 20 to receive thereover a locking nut 21. The forward end of the receptacle is enlarged, whereby the nut and the forward enlarged end may receive therebetween the cover 13, thus securing the receptacle in proper position therethrough.

It will be understood that the receptacle specifically shown herein is only one of many that may be utilized in connection with the plate. In some instances, if desired, the conventional double conducting receptacle may be carried by the cover 13, superseding the ones here shown.

For supporting the wall fixture upon the wall to cover the cover plate 13, the central portion of the cover plate is apertured and receives therein an internally threaded bushing 22 through which extends an externally threaded bolt 23, the forward end of which is provided with a removable nut 24. The

wall fixture, designated by the numeral 25, may be of any desired artistic design and is provided with a central aperture 26 through which the bolt 23 extends. The head 24 of the bolt is arranged to retain the fixture 25 upon the wall covering the cover plate.

In the wall fixture of the present invention it will be seen that a two-piece fixture is provided in which a light bracket 27 is mounted upon the wall fixture base 25. It will thus be seen that bolt 23 and head 24 perform the double function of securing the parts 25 and 27 together as well as securing the fixtures upon the wall. It will also be readily seen that the bolt 23 is readily adjustable through the bushing 22 to conform with various configurations of wall fixtures.

As in conventional practice, the conductors of the bracket, as indicated at 28, extend through an aperture 29 in the base 25 and terminate in plugs, which include a conducting tongue 30 surrounded by a suitable insulating disc 31, the arrangement being such that in the assembly of the device the plugs are inserted within the receptacle 16, the base and bracket are assembled, and the whole secured over the cover plate through the medium of the bolt 23.

From the foregoing it will be readily seen that the present invention provides a novel and improved construction which can be readily assembled without the aid or tools of the skilled mechanic, and that the same provides an economic and sturdy structure. It will further be understood that the invention is not confined to the specific embodiment herein illustrated and that numerous changes and modifications of the present invention may be resorted to without departing from the spirit or scope of the invention as outlined in the appended claims.

I claim:—

1. In a device of the character described, a wall box, a cover for said box extending beyond the forward edges thereof, a wall connecting flange carried by said box and extending therefrom in spaced relation to said cover, a pair of spaced conductor receiving plugs carried by said cover, a threaded bushing centrally arranged in said cover, an ornamental outer cover for said wall box and its cover, a light fixture bracket mounted on said outer cover, and a threaded bolt extending through said bracket and outer cover for threadedly engaging said bushing to retain the wall box outer cover and bracket in assembled position.

2. In a device of the character described, a wall box, a cover for said box, a pair of spaced conductor receiving plugs carried by said cover, a threaded bushing supported by said cover, a fixture base position to cover said wall box and its cover, a light fixture bracket mounted on said base, and a threaded bolt extending through said bracket and base for threadedly engaging said bushing to retain the wall box, said base and said bracket in position.

3. An electrical fixture including an electrical supply structure having a supporting plate and a plurality of spaced receptacles carried by the plate, an internally threaded member carried by said plate, a wall fixture provided with a base positioned to cover said plate, and a separate bracket formed with an end fitting against the base and a threaded clamping member extending through said bracket and said base into said internally threaded member for clamping the wall fixture in position so that the base will cover said plate.

4. An electric fixture including a supporting member having a pair of spaced receptacles, a base formed with a pair of apertures near the center, a bracket formed with an end fitting over both of said apertures, said bracket having a groove facing upwardly for receiving a feed wire, said feed wire being adapted to extend through one of said apertures to said receptacle, an internally threaded member carried by said support, and an externally threaded member extending through said bracket and one of the apertures of said base and into said internally threaded member for clamping said base and bracket together while connecting both members to said supporting means.

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