

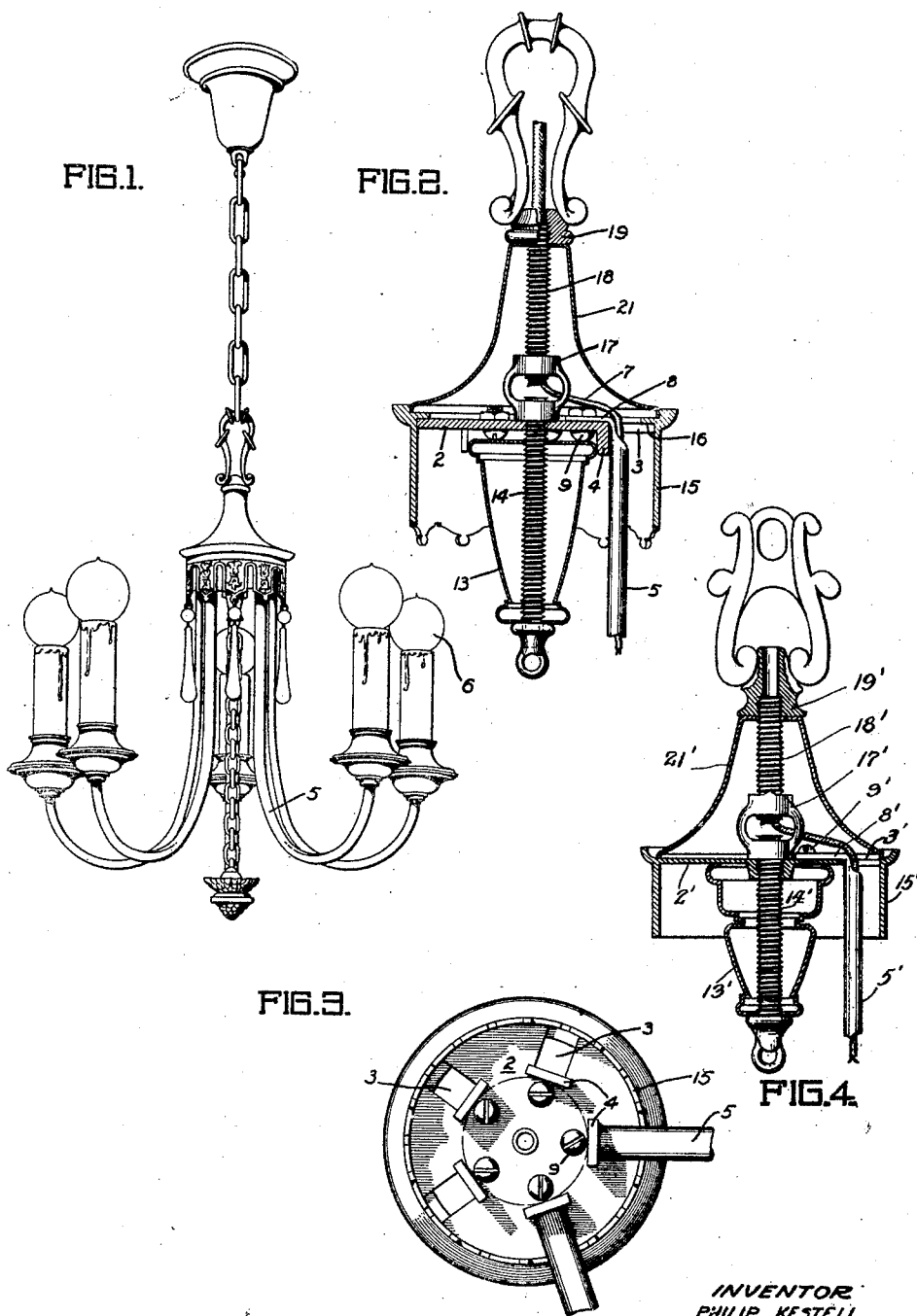
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P. KESTELL

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ELECTRIC LIGHTING FIXTURE

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UNITED STATES PATENT OFFICE.

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ELECTRIC-LIGHTING FIXTURE.

Application filed January 31, 1925. Serial No. 6,008.

To all whom it may concern:

Be it known that I, PHILIP KESTELL, a citizen of the United States, and a resident of the city and county of San Francisco, State of California, have invented a certain new and useful Electric-Lighting Fixture, of which the following is a specification.

The invention relates to electric lighting fixtures and particularly to pendant fixtures, adapted to be suspended from the ceiling.

An object of the invention is to provide a pendant electric lighting fixture of expensive appearance and inexpensive manufacture.

Another object of the invention is to provide a pendant electric lighting fixture in which the fixture arms are attached by bolts or similar means to the fixture body, whereby the parts of the fixture may be separately finished before the fixture is assembled.

Another object of the invention is to provide a pendant electric lighting fixture in which the fixture arms are removably attached to the body, the connection of the arms to the body being such that the arms are held against displacement, so that the proper spacing of the arms is always maintained.

The invention possesses other advantageous features, some of which with the foregoing, will be set forth at length in the following description, where I shall outline in full those forms of my invention which I have selected for illustration in the drawings accompanying and forming part of the present specification. In said drawings I have shown two forms of electric lighting fixtures embodying my invention, but it is to be understood that I do not limit myself to such forms, since the invention, as set forth in the claims, may be embodied in a plurality of other forms.

Referring to said drawings:

Figure 1 is an elevation of one type of electric lighting fixture, embodying my invention.

Figure 2 is a vertical section through a portion of the fixture shown in Figure 1.

Figure 3 is an underneath view of that portion of the fixture which is shown in Figure 2.

Figure 4 is a vertical section through a portion of a modified form of fixture.

The fixture of my invention comprises

principally a body plate having lighting fixture arms attached thereto by bolts or other similar devices. The construction of the plate and the arms is such that after the arms have been attached, there is no possibility of relative movement of an arm with respect to the plate, so that the proper spacing of the arms is always maintained. This has been accomplished heretofore, chiefly by welding or brazing the arms to the plate and this operation is not only expensive, but mars the finish of the parts, so that the parts can not be finished until after they have been assembled. In accordance with the present invention, the parts are separately finished and are assembled after they have been finished, thus greatly reducing the cost of the fixture.

Referring particularly to the fixture shown in Figures 1, 2 and 3, the fixture comprises a body plate 2 which is preferably circular in shape, and which is provided with a plurality of circumferentially spaced apertures 3. The apertures preferably open radially on the periphery of the plate and the inner sides of the apertures are straight and are provided with depending lugs 4, which assist in positioning and supporting the lighting fixture arms.

The lighting fixture arms 5 are tubular and are curved or bent into any desired form, depending upon the design of the fixture. The arms are provided at their outer ends with sockets for the lamp 6, and the wires 7 for the respective sockets extend through the tubular arms. At its upper end, each tubular arm is flattened and the flattened end bent over to form a tab 8 which bears against the upper surface of the plate 2. The flattened portion of the arm is of the same width as the aperture 3 and the unbent flattened portion of the arm lies against the inner side of the aperture, so that, when the arm is secured to the plate, there can be no relative movement of the arm with respect to the plate. In the present instance, the arms are attached to the plate by bolts 9, extending through the tabs 8 and the plate 2. The lower ends of the bolts 9 are concealed by the ornamental device 13, which is supported on the stem 14 which is in threaded engagement with the plate 2. The apertures 3 are concealed by an ornamental skirt 15, depending from the plate 2. In this construction, the skirt is formed

separately from the plate and is provided adjacent its upper end with a flange 16 which rests on the plate. Secured to the upper end of the stem 14 is a hickey 17 through which the wires 7 pass and the hickey is supported on the hollow stem 18 which is engaged by the nuts 19. The stem 18 and the hickey 17 are concealed by a canopy 21 interposed between the nuts 19 and the upper surface of the skirt 15. There is thus produced an expensive appearing fixture, in which the arms are rigidly positioned, at an inexpensive cost.

In Figure 4, I have shown a modified form of the fixture, in which the body plate 2' and the skirt 15' are integral. The apertures 3' are of the same arrangement as the apertures in the first type of fixture, with the exception that they do not extend to the periphery of the plate, nor are they provided at their inner sides with depending lugs. The inner side of the aperture 3' is straight and the flattened portion 8' of the tubular arm 5' is of the same width as the aperture, so that the arm is positioned by the aperture. The plate 2' is supported from the nut 19' through the stem 18' and the hickey 17', and a canopy 21' is employed to conceal the stem and the hickey. The under portions of the bolts 9' and the stem 14' are concealed by the ornamental device 13'.

This fixture is substantially identical with that shown in Figures 1, 2 and 3, with the exception that the apertures are formed entirely within the body plate, since the skirt 15' is integral with the body plate.

I claim:

1. A lighting fixture comprising a body plate having a plurality of circumferentially spaced apertures therein, a plurality of tubular fixture arms, the ends of the arms extending through said apertures and being flattened to lie against the surface of the plate, bolts securing the flattened ends of the arms to the plate, a skirt depending from the plate to conceal the apertures and a cover disposed within the skirt and concealing the bolts on the under side of the plate.

2. A lighting fixture comprising a body plate having an aperture therein, a depending lug adjacent said aperture and disposed substantially at right angles to said body plate, a tubular fixture arm flattened at one end, the flattened portion being bent to substantially a right angle to conform to said lug and said body plate, and fastening means extending thru said arm and said plate.

In testimony whereof, I have hereunto set my hand.

PHILIP KESTELL.