

L. SCHEPMOES.
LIGHTING FIXTURE.
APPLICATION FILED OCT. 8, 1910.

1,045,446.

Patented Nov. 26, 1912.

Fig. 1.

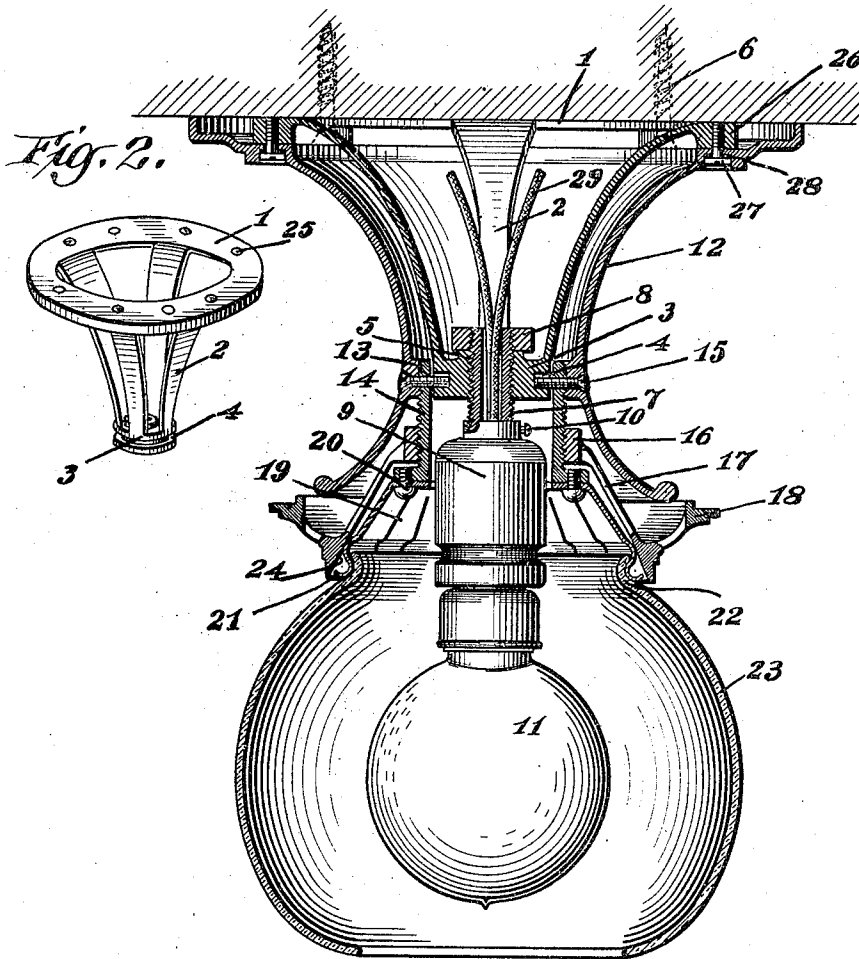


Fig. 2.

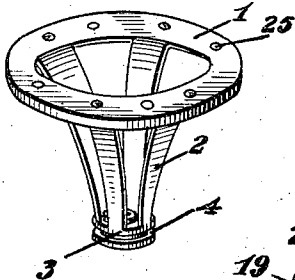


Fig. 3.



WITNESSES

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LIGHTING-FIXTURE.

1,045,446.

Specification of Letters Patent.

Patented Nov. 26, 1912.

Application filed October 8, 1910. Serial No. 585,924.

To all whom it may concern:

Be it known that I, LINDSLEY SCHEPMOES, a citizen of the United States, residing in Hasbrouck Heights, county of Bergen, and State of New Jersey, have invented new and useful Improvements in Lighting-Fixtures, of which the following is a description.

My invention pertains to that class of lighting fixtures wherein it is desired to support a source of illumination and hold a shade or reflector in proper operative relation thereto.

My invention has for its particular object to provide means whereby a fixture may be applied to a wall or deck and be provided with an ornamental portion for concealing from view the supporting portion of the said fixture in such manner that the supporting portion may be left in place and the ornamental portion readily removed therefrom for the purpose of polishing or cleaning or substitution of other ornamental parts.

Another object of my invention is to provide means for properly supporting a shade or reflector in operative relation to the source of illumination.

Figure I is a vertical section of one form of fixture embodying my invention. Fig. II is a perspective of the supporting member or spider of the fixture shown in Fig. I. Fig. III is an elevation of a portion of the shade holding means shown in Fig. I.

In the drawing (Figs. I and II) 1 represents an annular ring preferably made of cast iron, provided with depending legs 2 carrying circular member 3 provided with the annular recess 4 and central threaded aperture 5, forming in all what might be termed the supporting member of the fixture or spider which may be secured to a wall or deck as by the screws 6 passing through the holes 25. The nipple 7 (Fig. I) is threaded into the aperture 5 and held firmly in place as by jam nut 8. 9 represents a lamp socket carried by the nipple 7 and firmly held in place as by screw 10 and adapted to carry an electric lamp or bulb indicated at 11. 12 is an ornamental shell or casting of suitable design provided with an internal threaded portion 13, into which is screwed a cylindrical member or sleeve 14, which is held from revolving within 13 as by screws 15 which are threaded both into members 12 and 14, and which are of sufficient length to enter the annular groove 4 as shown in the figure

and hold the member 12 loosely in place during the process of assembling the fixture as will hereinafter more plainly appear. The member 14 has threaded thereon the nut 16 provided with the depending arms or webs 17 carrying the ornamental band 18 in such manner that revolution of the member 18 will cause the same to be raised and lowered in an obvious manner. The member 14 also carries the shade engaging means or petticoat 19 which is attached thereto as by screws 20. 19 is composed of a plurality of flexible fingers so shaped at their extremities indicated at 21, as to engage the flange or neck portion 22 of a suitable shade or reflector 23. Member 18 is so constructed as to have an internal conical bore or wall 24 which, when moved downward as by rotation of the member 18 will crowd the fingers 21 firmly into place upon the flange or neck of the shade so as to hold the same rigidly in place. The annular ring 1 is provided with bosses 26 against which the portion 12 may be firmly held when in its proper position as by means of screws 27 which are prevented from backing out under vibration as by lock washers 28. 29 represents the usual wires which are led to the bulb 11 in a well known manner.

The operation of my improved fixture is substantially as follows:—The supporting spider as shown particularly in Fig. II, comprising the ring 1, legs 2, portion 3, may be a standard for a great many lengths and designs of fixture, and has first made up therein the nipple 7 of suitable length for the fixture to which it is to be applied. This nipple is then firmly locked in place as by nut 8 and has placed thereon the socket 9 which is firmly fastened in proper position as by screw 10. The spider may then be applied to the wall or deck to which it is to be fastened and permanently attached thereto as by means of the screws 6 and wired in the usual manner. The ornamental portion 12 carrying with it the remaining portions of the fixture and having the screws 15 backed out in such manner as not to obstruct the bore of the member 14 is then placed over the supporting spider and is in substantially the position shown in Fig. I and then the screws 15 are made up so as to engage the annular recess 4. This holds the removable portions of the fixture in approximately their proper positions but

only loosely so that the member 12 with its various parts attached thereto may be revolved and adjusted to its proper position and then the screws 27 may be made up into
 5 bosses 26 so as to hold the member 12 firmly in proper position. The bulb 11 may then be inserted in the socket 9 in the usual manner and if the member 18 be revolved so as to cause the nut 16 to move in an upward di-
 10 rection upon the sleeve 14 so as to disengage the fingers 21, the shade 23 may have its flange 22 sprung into the fingers 21 in a well known manner and then if member 18 be so revolved as to be moved downwardly, the
 15 internal conical surface 24 will crowd the fingers 21 upon the shade so as to firmly hold the same in place. If, now, it be desired to remove the ornamental portion of the fixture for the purpose of polishing the same
 20 or substituting an ornamental portion of other design or finish, this may readily be accomplished by removing the bulb 11 and removing the screws 27 which will leave the parts attached to the member 12 loosely sup-
 25 ported by screws 15. These may then be backed out and the ornamental portion of the fixture readily removed, carrying with it the shade or reflector 23, unless it be desired in taking down the fixture to first re-
 30 move the shade which may be removed at any time by revolving the member 18 in such manner as to cause the nut 16 to travel upon the sleeve 14 and withdraw the conical surface 24 from the fingers 21 and thus
 35 allow the shade to be easily sprung out of its contact with the engaging fingers.

It will be noted that the ornamental parts of my fixture may be removed therefrom, and replaced without in any way disturbing the electrical connection of the lamp
 40 socket, which may always remain in place so long as the spider is not disturbed.

I do not wish to limit myself in any way

to the exact details of construction shown in the accompanying drawing or set forth in this specification which are merely given to
 45 illustrate one form of fixture comprehending my invention, as it is obvious that wide departure therefrom may be made without departing from the scope of my invention
 50 which is as set forth in the following claims:

1. A fixture comprehending a supporting member adapted to be placed in a permanent position, comprehending a member
 55 provided with a groove; a shell surrounding said supporting member provided with means for loosely engaging said groove, whereby the shell may be held in approximately its proper position; and means for
 60 attaching said shell to the supporting member in its proper position.

2. A fixture comprehending a supporting member comprising a portion adapted to be attached to a wall or deck; a member carried thereby for supporting a source of illumination; a shell surrounding and covering
 65 the supporting member and provided with means for engaging the said member and temporarily holding the same in position; and means for attaching the shell to the supporting member in fixed relation.

3. In combination, a fixture having a supporting member; an ornamental shell rigidly secured to said fixture; a sleeve secured
 75 to the shell and depending therefrom within the same; a shade holder fixed to the lower end of the sleeve; and means carried by the sleeve above the shade holder for engaging the latter and compressing the
 80 same upon a shade.

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Witnesses:

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