

L. SCHEPMOES.
LIGHTING FIXTURE.
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1,039,822.

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Fig. I.

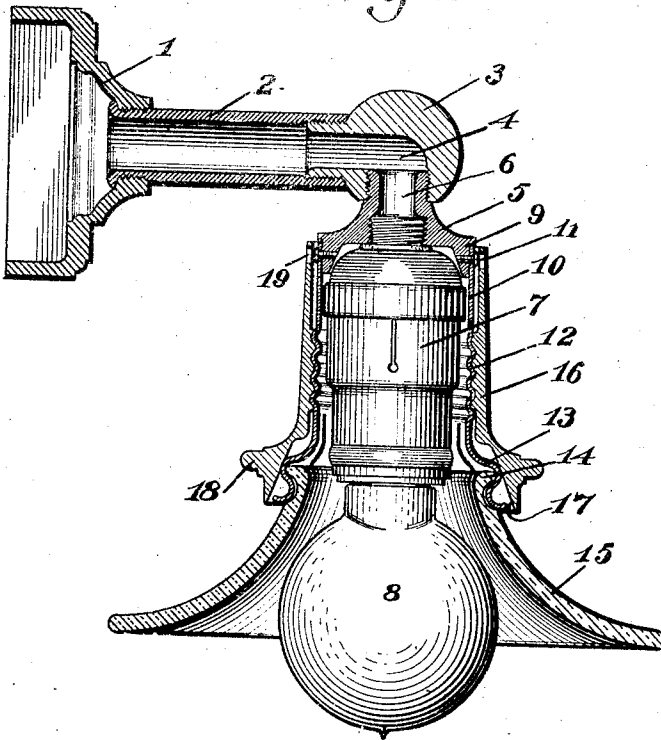
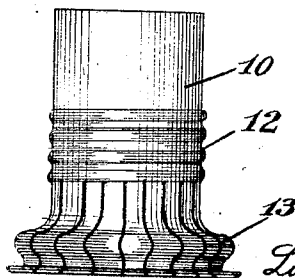


Fig. II.



WITNESSES

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LIGHTING-FIXTURE.

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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 properly support a source of illumination as for example an incandescent lamp and hold in proper relation thereto a shade or reflector in such manner that the same may be readily applied or removed as desired.

Further objects of my invention are to provide means for holding the shade rigidly in a given position in such manner as that it will not work loose when subjected to vibration and to provide means whereby all the parts of the shade engaging and supporting means shall remain attached to the fixture throughout the operation of removing or replacing shades and thus avoid the danger of detachable members becoming lost when shades are removed.

Another object of my invention is to provide a fixture with shade engaging means which will cover and conceal from view the ordinary commercial lamp socket and readily permit of ornamental and attractive design.

In the drawing Figure I is a cross section of one form of fixture embodying my invention showing an incandescent bulb and socket in elevation as applied thereto. Fig. II is an elevation of a portion of the fixture shown in Fig. I.

In the drawing, 1 represents a wall plate for the support of my improved fixture which carries the nipple 2, into which is screw-threaded the member 3 provided with the wire duct 4 registering with the bore of the nipple 2. Member 3 has screw-threaded therein the supporting member 5 provided with a wire duct 6 registering with the duct 4. Member 5 carries the ordinary commercial lamp socket 7 with its wiring nipple registering with duct 6 as indicated and adapted to carry the usual bulb 8. Member 5 is provided with a cylindrical shouldered portion 9 on which is fitted a cylindrical light metallic member 10, which is held in place on the member 5 as by screws 11. Member 10 is provided with a screw-thread-

ed portion 12 and with a plurality of engaging fingers indicated at 13 so shaped as to be readily sprung over the flange 14 of the shade 15 in such manner as to engage and hold the shade as will hereinafter more plainly appear. Bonnet 16 is provided with an internal threaded portion adapted to fit snugly upon the threaded portion 12 of the member 10 and is carried thereby. Member 16 is provided with an internal conical shaped wall as indicated at 17 adapted to press against the fingers 13 when said member 16 is moved in a downward direction and so press the fingers against the shade as to hold the same firmly in place. The position of the member 16 is determined by screwing the same in an upward or downward direction upon the thread 12 and the said member is provided with a flange portion 18 which may be readily grasped by the hand for this purpose.

19 indicates slots or openings through which the screws 11 may readily be removed when the member 16 is in the position shown in Fig. I.

The operation of my improved electric fixture is substantially as follows:—Starting with the shade in place and the various elements in the positions indicated in Fig. I, if it be desired to remove the shade, flange 18 may be grasped and the member 16 so revolved as to move in an upward direction upon the screw 12. This will move the conical surface 17 out of engagement with the fingers 13 and leave the same free to be sprung in an outward direction so as to release the flange 14 of the shade 15 and allow the same to be readily removed. If, now, it is desired to replace the shade, the flange 14 may be readily sprung into place, then if the bonnet 16 be so revolved as to be moved in a downward direction the conical surface 17 will come into contact with the fingers 13 and crowd the same inwardly upon the flange 14 in such manner as will obviously hold the shade firmly in place.

I do not wish to limit myself to the exact details of construction shown in the accompanying drawing for the purpose of illustration merely as it is obvious that a wide departure may be made in the details of construction without departing from the spirit of my invention as is set forth in the following claims:—

1. A lighting fixture having in combina-

tion means for supporting a source of illumination; and means for holding a shade in operative relation thereto, the latter means comprising a member having shade engaging means at its lower end, a threaded portion above said means, and an internally threaded member surrounding and cooperating with said threaded portion and having at its lower end means for acting upon said shade engaging means, whereby rotation of the said member will compress the engaging means so as to support a shade.

2. A lighting fixture having in combination a member adapted to support a lamp socket; a member having shade engaging means at its lower end, said member having a threaded portion above said shade engaging means; and an internally threaded member cooperating with said threaded portion and capable of rotating thereon, said latter member having at its lower end on its inner surface means cooperating with the shade engaging means to cause the latter to support a shade.

3. A lighting fixture having in combination means for surrounding and supporting a lamp socket; a member surrounding said supporting means and the socket and secured

to said supporting means at one extremity; said member being provided at the opposite extremity with shade engaging fingers and between the latter and its other extremity with a threaded portion; and an internally threaded actuating member cooperating with said threaded portion and capable of rotating thereon and having means at its lower end adapted to operate the shade engaging fingers.

4. A lighting fixture having in combination a supporting member; a shade supporting member secured to the supporting member and having its lower end formed into a plurality of resilient fingers; an actuating member surrounding said shade supporting member, said two members having cooperating means enabling one to rotate on and move longitudinally of the other; and said actuating member having at its lower end a single wedge-shaped portion for cooperation with the resilient fingers and adapted to simultaneously compress the same to engage and support a shade.

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Witnesses:

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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."