July 18, 1933. L. C. DOANE 1,918,455

INDIRECT LIGHTING FIXTURE

Filed Feb. 16, 1932

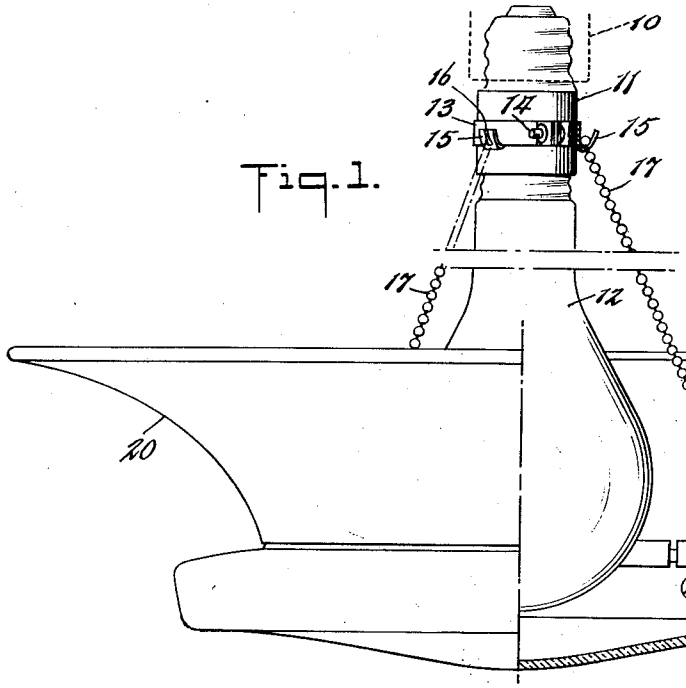


Fig. 1.

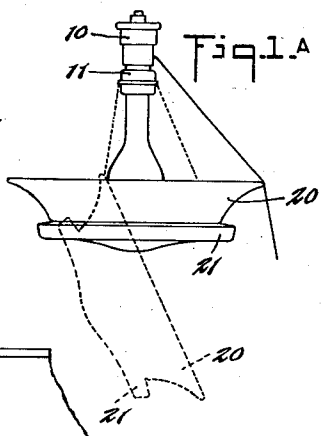


Fig. 1.A

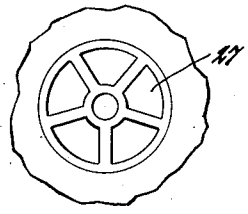


Fig. 4.

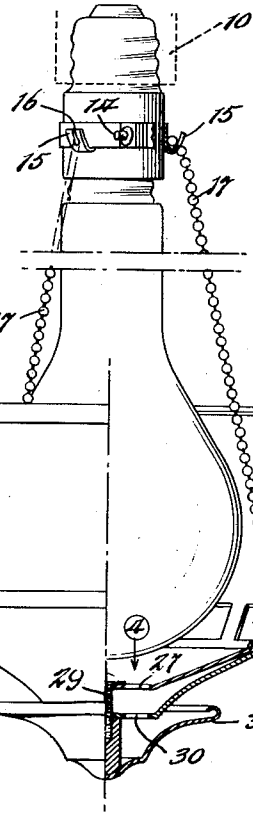


Fig. 3.

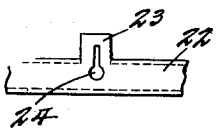


Fig. 2.

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UNITED STATES PATENT OFFICE

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INDIRECT LIGHTING FIXTURE

Application filed February 16, 1932. Serial No. 593,259.

The present invention relates to indirect lighting fixtures and is more particularly directed toward an indirect lighting fixture adapted for securement to or installation in an existing pendant lamp socket.

The indirect lighting fixture provided according to the present invention is one which is capable of inexpensive construction, is adapted for use with comparatively small lamp bulbs, and may be readily secured by any one in any pendant lamp socket. This makes it possible to substitute an ornamental and effective indirect lighting fixture for the bare or shaded lamp which was heretofore used in the pendant lamp socket.

The accompanying drawing shows, for purposes of illustrating the present invention, two of the many embodiments in which the invention may take form, it being understood that the drawing is illustrative of the invention rather than limiting the same. In the drawing:

Fig. 1 is a sectional view with parts in elevation showing one form of indirect lighting fixture;

Fig. 1*a* is a diagrammatic view of the same on a smaller scale;

Fig. 2 is a fragmentary view taken in the direction of the arrow 2 of Fig. 1;

Fig. 3 is a view similar to Fig. 1 showing a modification; and

Fig. 4 is a fragmentary view taken in the direction of the arrow 4 of Fig. 3.

In Figs. 1 and 1*a*, a pendant lamp socket is indicated at 10. This lamp socket receives a socket extension 11 which may be of the usual well known type and is adapted to support a lamp bulb as indicated at 12.

A ring 13 is clamped about the socket extension (or to an ordinary lamp socket) by a screw indicated at 14. This ring is provided with a number of upwardly bent ears 15 slotted as indicated at 16. These slotted ears are adapted to receive lengths of bead chain as indicated at 17.

An opaque sheet metal light deflector 20 and a glass diffuser 21 are secured together by a channel shaped ring 22. This ring may be in the form of a split ring if desired. The ring has upwardly bent ears 23 slotted as indicated at 24 to receive the lower ends of the lengths of bead chain 17. The deflector 20 acts to deflect light upwardly to the ceiling and its lower surface is illuminated by light transmitted upwardly by the diffusing screen 21.

The fixture may be radily assembled by any one without the use of tools, and it makes it easy for one to substitute an indirect lighting fixture for the bare or shaded lamp which was previously used in the pendant socket. For relamping, one chain is released and the parts hang as indicated in dotted lines in Fig. 1*a*.

In the form shown in Figs. 3 and 4, the upper screen 25 is provided with large windows 26 and smaller windows 27. The stamping for this upper screen is secured to a lower screen 28 by means of a screw indicated at 29. The lower screen 28 is apertured as indicated at 30 and a smaller supplemental screen 31 is adapted to receive light through these openings 27 and 30 and to illuminate the lower surface of the screen 28. Light also passes through the openings 26 and is reflected upwardly by the screen 28 to illuminate the lower surface of the deflector 25.

It is obvious that the invention my be embodied in many forms and constructions and I wish it to be understood that the particular forms shown are but two of the many forms. Various modifications and changes being possible, I do not otherwise limit myself in any way with respect thereto.

What is claimed is:

1. An indirect lighting fixture comprising a lamp socket, a lamp bulb in the socket, an annular outwardly and upwardly flaring deflector about the lamp bulb for upwardly reflecting light, a screen below the deflector for intercepting light and reflecting it onto the outside of the latter for illuminating the same, said screen being of a diameter greater than that of the lower open side of the deflector and having an inturned flange portion in coincidence with a similar flange portion of the latter, an annular channel member engaged over the said flange portions to secure the deflector and screen

together, and adjustable suspension means extending between the lamp socket and the channel member.

2. The light fixture as set forth in claim 1, wherein the lamp socket and the channel member are each provided with a plurality of attaching members and the suspension means are each in the form of a length of flexible material having its upper and lower ends adjustably and detachably engaged with complemental pairs of the attaching members.

3. The light fixtures as set forth in claim 1, wherein the lamp socket is encircled by a split clamp band having a plurality of upturned slotted attaching ears complemental to oppositely slotted ears carried by the channel member, and the suspension means are in the form of lengths of bead chain having their upper and lower ends adjustably and detachably engaged in the slots of pairs of the attaching ears.

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