

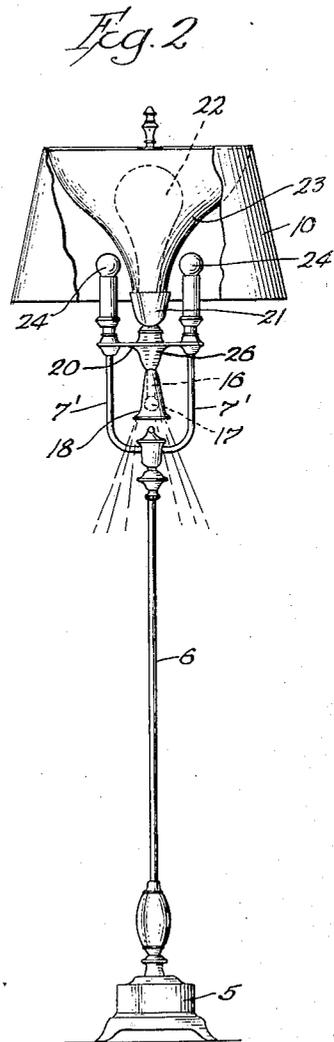
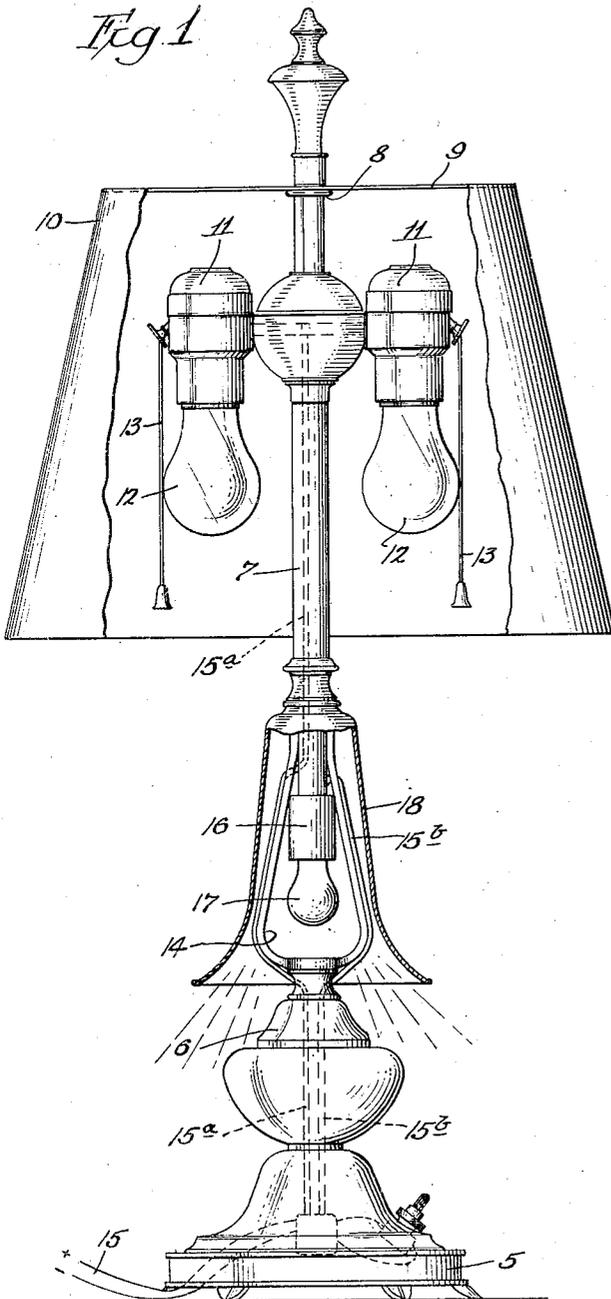
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GLOW LIGHT FOR LIGHTING FIXTURES

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GLOW-LIGHT FOR LIGHTING FIXTURES

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2 Claims. (Cl. 240—81)

My present invention relates to illuminating apparatus, and it has more particular reference to table-lamps and floor-lamps, and similar lighting fixtures, used in connection with the illumination of rooms, apartments, and the like.

Lighting fixtures such as table-lamps and floor-lamps usually consist of a pedestal or upright standard arising from a suitable base and at the upper end of such pedestal or standard there is provision for mounting the electric bulbs by which the desired illumination is secured. In some instances the pedestal or standard is provided at its upper end with an inverted reflector so that the light flux is directed upwardly and outwardly from the fixture toward the ceiling for indirect illumination.

I have devised a structure which is incorporated in and forms an integral part of the lighting fixture, preferably interposed in the pedestal or standard, whereby a small amount of illumination will be directed downwardly in the manner described to provide a glow light for a darkened room. In this connection the electric bulb which is employed is shielded and obscured by means of a shade that provides an ornamental portion of the pedestal or standard. The socket for the electric bulb of the glow-light is of the miniature type so that an electric bulb of low candle-power may be used therein and may remain lighted for a long period without consuming any considerable amount of electric current.

Numerous objects are in mind in devising the structure herein disclosed, one of such objects being to provide a glow-light for a lighting fixture that is novel in construction, simple in operation, and does not detract from the appearance of the fixture but rather enhances the artistic concept thereof. Further objects reside in providing a fixture of this character that is sturdy in construction; which is comparatively economical to manufacture so as not to increase the retail price of a fixture; and which may be readily installed in a lighting-fixture. Other objects of course will be apparent to persons skilled in the art after my invention and improvements are understood from the herein description. I prefer to accomplish these objects and carry out my invention in substantially the manner hereinafter described and as more particularly pointed out in the claims.

Reference is herein made to the accompanying drawing that forms a part of this specification, in which,

Figure 1 is a view, partly in side elevation and

partly in broken-away section, showing my improvements applied to a table-lamp.

Figure 2 is a vertical side elevation, partly in section, showing my improvements applied to a lighting fixture of the indirect type for use upon the floor.

The accompanying drawing is more or less schematic for the purpose of illustrating typical or preferred forms in which my improvements may be made, and in said drawing the same reference characters refer to similar parts wherever such parts appear in the different views.

Referring more particularly to Figure 1, the lighting fixture therein disclosed is a table-lamp and consists of a suitable hollow base 5 of the usual ornamental type from which arises a hollow pedestal formed preferably of two parts or sections 6 and 7, the latter section or upper section being in the form of an upright tubular element that extends to the desired height and is provided with means 8 near its top upon which the frame 9 of a suitable shade 10 is supported. Below the means 8 there are one or more electric sockets 11 to receive the usual light bulbs 12, and each socket is provided with a suitable switch that may be operated by a pull-chain 13 to control the electric current to the respective bulbs.

Interposed in the pedestal or standard, between the portions 6 and 7 thereof, is a "harp" 14 that is made from a piece of strap metal bent substantially pear-shape and providing an open frame or spider between the portions 6 and 7 of the pedestal. The conductor wires 15 lead in under the lower edge of the hollow base 5 from the usual service tap and are coupled with two pairs of wires 15^a and 15^b, the former of which lead along one side of the harp to the sockets 11 and the latter of which lead along the opposite side of the harp to the upper end of the "harp" or spider 14. A small electric socket 16 of the miniature type is mounted on and depends from the upper portions of the "harp" or spider 14 to which the pair of conductor wires 15^b are connected and a miniature electric light bulb 17 is mounted in the socket 16 so that it will be positioned in the open portion of the harp towards the lower end of the latter.

In order to direct the light rays from the miniature bulb in a downward direction and prevent lateral "spill" or horizontal radiation of such rays, I have provided a bell-shaped imperforate shade or guard 18 that is mounted upon the upper portion of the "harp" or spider, between the latter and the lower end of pedestal section 7, and such shade extends downwardly to a horizontal plane

below the lower end of the "harp" or spider as shown in Figure 1. The light rays from the miniature bulb 17 which escape from this shade are those directed downwardly toward the table or other support, upon which the lamp stands and only a small amount of illumination is secured therefrom, but it is sufficient to create a glow in the dark room.

The bell-shaped shade 18 is preferably made of imperforate metal and its exterior may be treated with ornamentation to harmonize with the designs upon the other portions of the pedestal, while its interior surface is suitably treated to give it reflecting properties. Thus the glow illumination is secured without marring or detracting from the design of the lamp pedestal.

In Figure 2 I have shown the application of my glow light principle to a floor-lamp of the indirect type. In this type the base 5 has its elongated pedestal section 6 in the form of a tube and the upper section 7', 7' is in the form of an open frame or spider that is preferably provided with a plurality of ornamental curved arms, as shown, extending upwardly and away from a central boss.

Radially disposed horizontal arms 20 connect the upper portions of the arms of pedestal section 7' to an upper central boss 26, and an electric socket element 21 is mounted upon the said boss to receive a large electric bulb 22 that is surrounded by an inverted reflector bowl 23 having its lower tapered end preferably secured to and supported by the socket 21. The ornamental arms of the pedestal section 7' terminate in electric sockets to receive electric bulbs 24 that are disposed outside the reflector, and an ornamental shade 10 rests upon the upper edge of said reflector and extends downwardly to or below the horizontal plane of the bulbs 24. Suitable switches, not shown, are provided to control the circuits to the bulb 22 within the reflector and the bulbs 24 outside the reflector between the latter and the shade 10. The boss 26 at the juncture at the radial arms 20 has a miniature electric socket connected to it that depends below said radial arms, and between the arms of the pedestal section 7'. A miniature electric light bulb 17 is mounted in this socket, and an imperforate bell-shaped pendent shade 18 surrounds the miniature bulb in the same manner as in the other form previously described, so that light rays from the miniature bulb will be directed downwardly to illuminate a small area or zone upon the floor.

It will be seen that in both instances herein described the pedestal of the lighting fixture is divided into upper and lower sections and the glow bulb is mounted at the upper section so as

to cast a small amount of illumination downwardly. It will also be noted that the glow light elements are interposed approximately between the upper and lower sections of the pedestal and the bell shaped shade around the miniature bulb is imperforate so that there is no lateral "spill" of light rays. Since the bell-shaped shade is made of metal it may be readily ornamented in harmony with the artistic treatment of the other portions of the fixture.

On account of the fact that there are no direct rays emitted laterally and as there is only a small quantity of light created in the glow lamp portion of the structure, the fixture is especially adapted for use in a child's room or nursery where it will illuminate adjacent portions of the floor and near-by objects.

What I claim is:—

1. A combination lighting fixture for direct, indirect and subdued illumination, comprising a base, a pedestal thereon having an opening intermediate its ends, an electric glow-light socket and miniature bulb mounted at said opening, an opaque shade supported by said pedestal and surrounding said miniature bulb, said opaque shade having an open bottom to direct a glow of light rays downward from said miniature bulb, an electric light socket and bulb at the upper end of said pedestal, an inverted reflector surrounding said bulb and directing light rays therefrom in an upward direction, auxiliary electric light sockets and bulbs disposed outside said reflector, and arranged circumferentially of the axis of the glow-light, and a translucent shade surrounding said reflector and said outside bulbs and illuminated by direct rays therefrom.

2. A combination lighting fixture for direct, indirect and subdued illumination, comprising a base, a pedestal thereon having an opening intermediate its ends, an electric glow-light socket and miniature bulb mounted at said opening, an opaque shade supported by said pedestal and surrounding said miniature bulb, said opaque shade having an open bottom to direct a glow of light rays downward from said miniature bulb, an electric light socket and bulb at the upper end of said pedestal, an inverted reflector surrounding said bulb and directing light rays therefrom in an upward direction, auxiliary electric light sockets and bulbs supported by said pedestal outside said reflector and arranged circumferentially of the axis of the glow-light, and a translucent shade supported by said reflector and surrounding said reflector and said outside bulbs and illuminated by direct rays therefrom.

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