

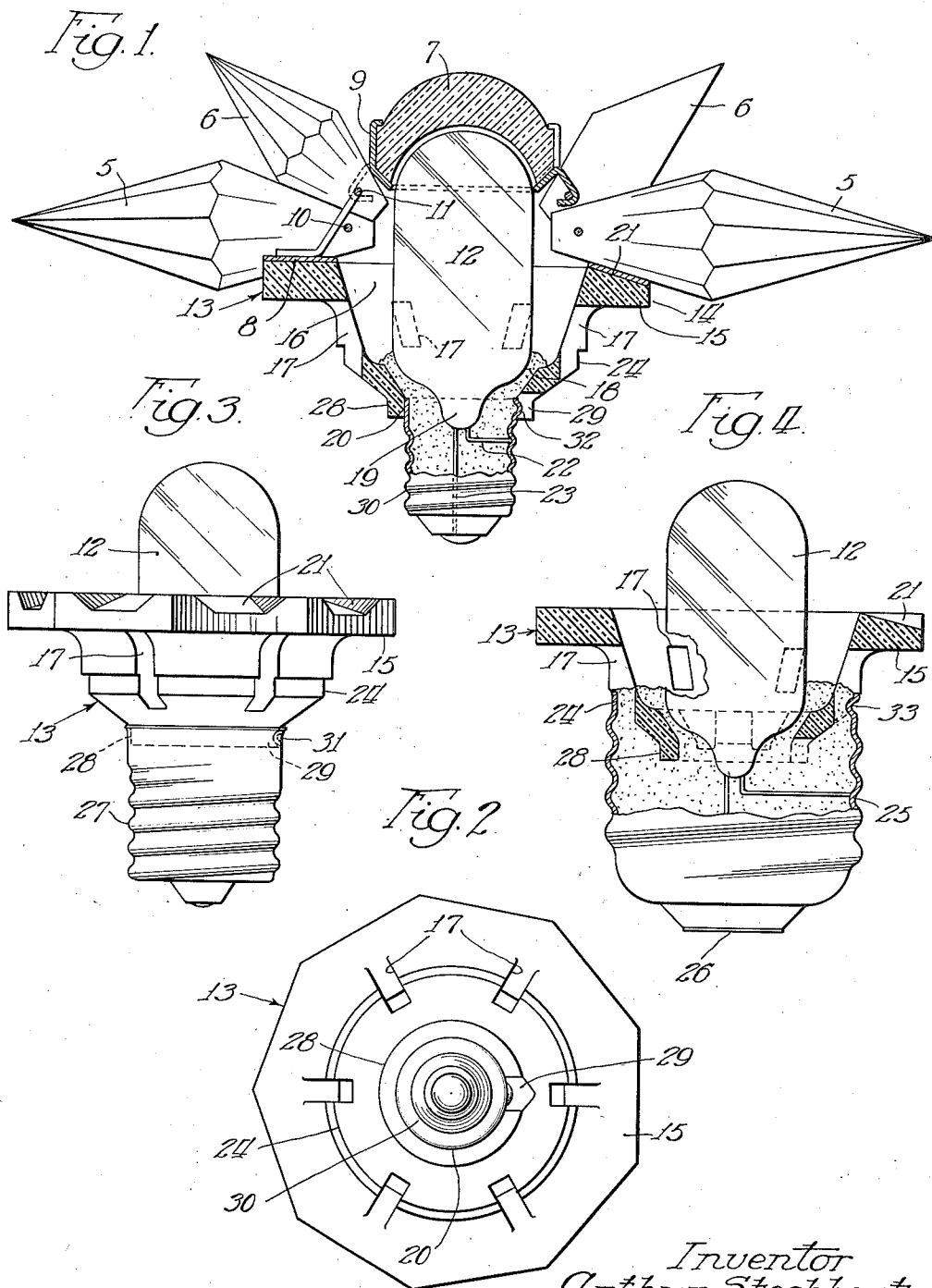
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DECORATIVE LIGHTING DEVICE

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DECORATIVE LIGHTING DEVICE

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4 Claims. (Cl. 240—10)

This invention relates to decorative lighting devices and more particularly to means for mounting such devices upon a lamp base whereby the base may be utilized with the lighting device to provide a mounting for light reflecting decorative devices to fit any one of the plurality of standard light sockets with equal facility.

More particularly it is a purpose of this invention to provide a combined lamp base and bulb structure which may be utilized in combination with any one of several light sockets and any one of a plurality of different decorative units.

The features and advantages of the invention will appear more clearly from the following description, reference being had to the accompanying drawing wherein a preferred form of the invention is shown. It is to be understood, however, that the drawing and description are illustrative only and are not to be taken as limiting the invention except in so far as it is limited by the claims.

In the drawing—

Fig. 1 is a vertical sectional view through a device embodying the invention;

Fig. 2 is a bottom plan view of the device shown in Fig. 1;

Fig. 3 is a view in side elevation of a lamp bulb and base utilized with a different type of screw base; and

Fig. 4 is a vertical sectional view similar to Fig. 1 showing the decorative elements removed and showing the device used with a different type of screw base.

Referring now in detail to the drawing, the present invention is shown in conjunction with a decorative lighting device such as that disclosed in my prior copending application Serial No. 69,089, filed March 16, 1936, for Decorative Light.

In these devices, a plurality of light transmitting and reflecting elements 5, 6, and 7 are secured by suitable frame members such as 8 and 9 and suitable retaining wires 10 and 11 so as to form a unit that may be mounted about a light bulb 12. These light transmitting and reflecting members are carried on a lamp base 13 which supports the bulb 12 in a manner which will presently be described. Any suitable means may be utilized for mounting the light reflecting and transmitting members upon the base 13.

In the present form, I show this mounting as being accomplished by bending fingers such as 14 of the frame member 8 down over a rim portion 15 of the base 13. The base 13 may be of any suitable material preferably an insulating

material such as one of the synthetic resin compounds. It provides a body which is hollow as indicated at 16 around the bulb 12 and which is provided with a plurality of vent openings 17 spaced around the periphery thereof below the rim 15 so that air may circulate through the space 16 to avoid overheating of the bulb 12. The bulb 12 is fixed directly in the base 13 by a body of cement shown at 18, the bulb being provided with a depending tip 19 that extends substantially through an opening 20 provided in the bottom of the base 13.

The rim 15 of the base may desirably be provided with radially directed circumferentially spaced grooves 21 to receive the elements 5. It is obvious, of course, that the base 13 is adapted to receive different types of assemblies of the light transmitting and reflecting members 5, 6, and 7. The base 13 and its associated lamp bulb 12 are made up as units with the lamp bulbs cemented in place by means of the cement 18. The lamp bulb is provided with connection leads 22 and 23 for connection to a screw shell and a center contact of the ordinary screw base commonly used on lamp bulbs.

In order that the base 13 and its associated lamp bulb can be utilized with equal facility on the three most common types of screw bases, the body of the base 13 is provided with a plurality of mounting shoulders made to fit the so called Edison base and the two smaller bases, that is the candelabra and the intermediate bases. The shoulder for the Edison base is provided at 24 and, as shown best by Fig. 4, a standard Edison screw base 25 may be fitted on this shoulder 24 and, when filled with cement, will be rigidly fixed to base 13. The filament connections to the base 25 are made by connecting the leads 22 and 23 to the shell 25 and to the central contact 26, respectively.

When an intermediate base such as is shown in Fig. 3 is used, this base 27 is adapted to fit upon the exterior of a cylindrical extension 28 at the bottom of the base 13. This cylindrical extension is slotted at 29 to provide a means whereby the intermediate base 27 or a small base 30 may be anchored against rotation by having a punched out portion such as 31 or 32. The filament leads 22 and 23 are, of course, secured in the usual fashion, and the cement filling of the base 27 or of the base 30 will be sufficient to hold the base in position. The small base 30 fits on the interior of the extension 28 extending into the opening 20 as will be readily understood.

For the purpose of holding the Edison base 25 in position, it may be provided with an indentation at 33 fitting in one of the openings 17.

From the above description, it is believed that 5 the construction and advantages of this device will be readily apparent to those skilled in this art.

Having thus described my invention, what I claim as new and desire to secure by Letters Patent is:

1. In combination, a lamp bulb, a mounting base therefor, said lamp bulb being fixed in said mounting base, said base being composed of insulating material, said base having means thereon providing a mounting rim for decorative light 15 transmitting and reflecting devices, said base having annular shoulders thereon of different diameters whereby it may receive screw shells of different standard sizes.

2. In combination, a lamp bulb, a mounting base therefor, said lamp bulb being fixed in said mounting base, said base being composed of insulating material, said base having means thereon providing a mounting rim for decorative light 20 transmitting and reflecting devices, said base having annular shoulders thereon of different diameters whereby it may receive screw shells of different standard sizes, said base having its

mounting rim spaced from the lamp bulb and having means for admitting air to the lamp bulb below said rim.

3. In combination, a lamp bulb, a mounting base therefor, said lamp bulb being fixed in said mounting base, said base being composed of insulating material, said base having means thereon providing a mounting rim for decorative light transmitting and reflecting devices, said base having annular shoulders thereon of different diameters whereby it may receive screw shells of different standard sizes, said base having an annular air chamber around the lamp bulb between the mounting rim thereof and the lamp bulb. 10

4. In combination, a lamp bulb, a mounting base therefor, said lamp bulb being fixed in said mounting base, said base being composed of insulating material, said base having means thereon providing a mounting rim for decorative light transmitting and reflecting devices, said base having annular shoulders thereon of different diameters whereby it may receive screw shells of different standard sizes, said base having a plurality of air inlet openings spaced around the same and having a hollow interior providing air spaces in communication with said openings. 15 20 25

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