Nov. 1, 1949. J. A. EGLE 2,486,636

DECORAMENT

Filed Oct. 10, 1946

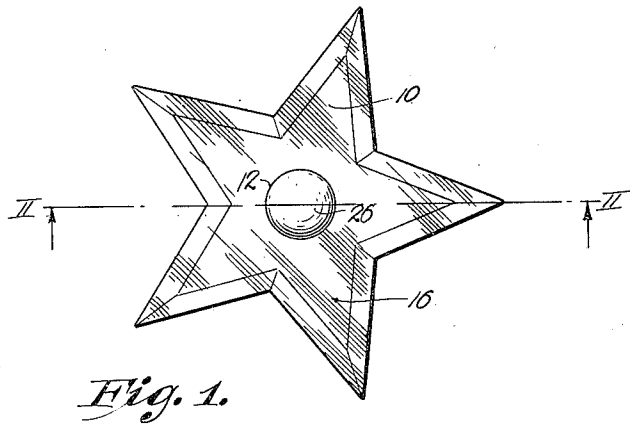


Fig. 1.

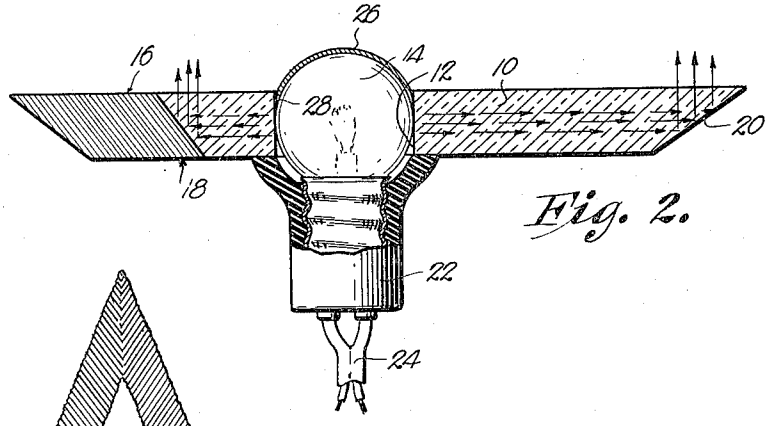


Fig. 2.

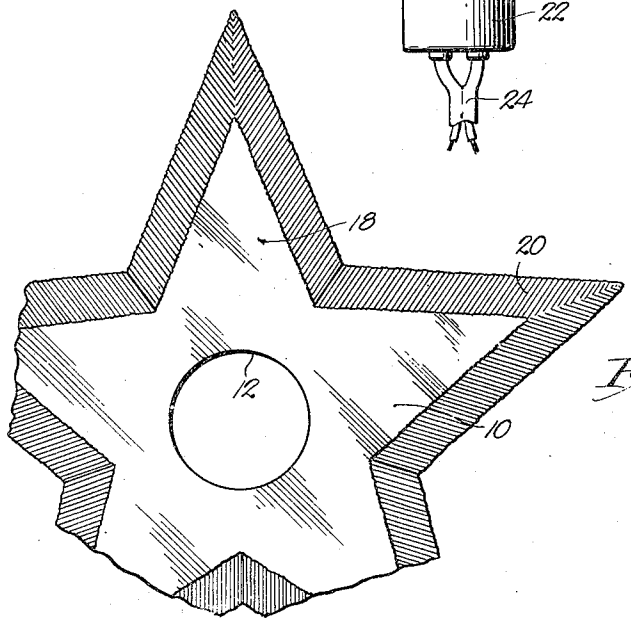


Fig. 3.

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Patented Nov. 1, 1949

2,486,636

UNITED STATES PATENT OFFICE

2,486,636

DECORAMENT

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Application October 10, 1946, Serial No. 702,527

2 Claims. (Cl. 240—10)

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This invention relates to the art of ornamentation and particularly to decorations designed to enhance the beauty of articles to which they are attached through harmonious adaptation of pattern, lines and color, and the primary aim is to provide such article capable of producing an unique and pleasing affect upon illumination thereof.

It has been discovered that plastic has the inherent quality of transmitting rays of light therethrough when directed toward one edge of a sheet of such material to pass outwardly from its opposite edge without permitting diffusion of the rays outwardly from the sides of the sheet.

It is the most important aim of this invention therefore, to provide a decorament made from plastic, whereby its quality to pass light rays as above set forth is utilized to illuminate one face of the decoration and thereby embellish an article to which it is affixed.

An important aim of this invention is to provide a decorament having a figuratively or otherwise attractively shaped body provided with an opening for receiving rays of lights to be directed radially therefrom and through the body toward a bevelled and roughened or unpolished peripheral edge thereof whereby one face of the body is at least partially illuminated.

Other objects of this invention include the manner of mounting the plastic body on an electric lamp and socket assembly to the end that rays of light are directed radially from the opening; and the way in which the body is held against displacement on the lamp through the employment of a specially formed covering cap for the lamp.

Additional aims and objects will be made clear or become apparent during the course of the following specification, reference being had to the accompanying drawing, wherein:

Fig. 1 is a front elevational view of the body portion of the decorament made in accordance with my present invention.

Fig. 2 is a cross-sectional view taken on line II—II of Fig. 1; and

Fig. 3 is a fragmentary rear elevational view of the body portion of the decorament taken on an enlarged scale and showing the roughened, beveled, peripheral edge thereof.

The practice of providing a small evergreen tree with lavish decorations for Christmas festivities and placing the same in homes, hotel lobbies, civic centers, etc. is now well known, and one of the greatest problems facing ornamentalists is to meet the ever constant demand

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for new and pleasing illuminative ornaments to beautify such tree. The article about to be described is obviously useful for bedecking many other structures, and therefore, such additional uses are contemplated hereby.

Similarly, it is understood that body 10 may take any of various shapes and forms, and the star-shape thereof shown in Fig. 1 is for illustrative purposes only. This body 10 is formed preferably from plastic, since such material has the quality of receiving rays of light along one edge thereof, and in the article shown, along the walls of body 10 forming an opening 12 therein.

When using plastic, these rays of light pass radially from lamp 14 in the direction of the horizontally disposed arrows in Fig. 2 and diffusion thereof toward opposed faces 16 and 18 of body 10 is negligible. It is desired however, to illuminate face 16 of body 10, which face will normally be turned toward the observer when the decorament is attached to a tree or the like. This illumination is accomplished by beveling the peripheral edge of body 10 downwardly and inwardly from face 16 as at 20 and as clearly shown in Fig. 2.

The entire area of this inclined edge 20 is then roughened, or left in the unpolished state if the body 10 is formed by sawing or otherwise cutting the same to shapes desired, whereas faces 16 and 18 are smoothed to a high polish.

This roughened and beveled condition of edge 20, not only restricts the flow of light rays beyond edge 20, but deflects the same toward face 16. Thus, the marginal edge of face 16 is illuminated and the affect is to make the entire face 16 appear to have a coating of light thereacross. This deflected path of travel of the rays of light is indicated by vertical arrows in Fig. 2.

Lamp 14 has a conventional socket 22 in communication with a source of current (not shown) through lead lines 24. The size of opening 12 is such as to afford a tight fit around lamp 14, a portion of the latter extending beyond face 16 to receive a cap 26. This cap 26 preferably covers the entire extended end of lamp 14 to prevent escape of light laterally from body 10 and is contoured along its periphery as at 28 to conform to the wall forming opening 12 whereby a wedge-tight fit is presented to further hold body 10 on lamp 14. When assembled, face 18 of body 10 is held tightly against socket 22 whereby rays of light escape from lamp 14 only through body 10 as above described. For best results, the wall of body 10 forming opening 12 should also be worked to a polished state.

The lamp 14 may be either of clear glass, which emits a gold-colored glow to face 18, or have the usual colored coatings common in Christmas tree lights, store lighting fixtures and the like. Opening 12 is shown to be substantially centrally disposed in body 10, but may well be eccentric to edge 20 to vary the degree of light along different portions of face 18. Also, it may be desirable, especially in large articles, to provide a plurality of openings 12 and lamps 14 therefor.

Manifestly, modifications of the decorament may be made, particularly in structural details without departing from the spirit of the invention or scope of the appended claims.

Having thus described the invention, what is claimed as new and desired to be secured by Letters Patent is:

1. A decorament of the kind described comprising a body having an opening provided therein, said body being formed from material permeable to rays of light; an electric lamp and socket assembly having connection with a source of current, the wall of the body forming said opening being in relatively tight, circumscribing engagement with the lamp whereby rays of light are directed radially outwardly from the opening through said body when the lamp is energized, said lamp extending through the opening beyond one face of the body; and a cap fitted over said extended end of the lamp and projecting into the opening in wedging relation with the body and the lamp for cooperating with the tight engagement between the lamp and in holding the latter against displacement.

2. A decorament of the kind described comprising a body having an opening provided therein, said body being formed from material permeable to rays of light; an electric lamp and socket assembly having connection with a source of current, the wall of the body forming said opening being in relatively tight, circumscribing engagement with the lamp whereby rays of light are directed radially outwardly from the opening through said body when the lamp is energized, said lamp extending through the opening beyond one face of the body; and a cap fitted over said extended end of the lamp and projecting into the opening in wedging relation with the body and the lamp for cooperating with the tight engagement between the lamp and the body in holding the body against displacement, one edge of said socket bearing directly against the body along the marginal edge of said opening.

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