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A. ABRAMSON

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CHRISTMAS TREE LIGHTING DEVICE

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Fig. 1.

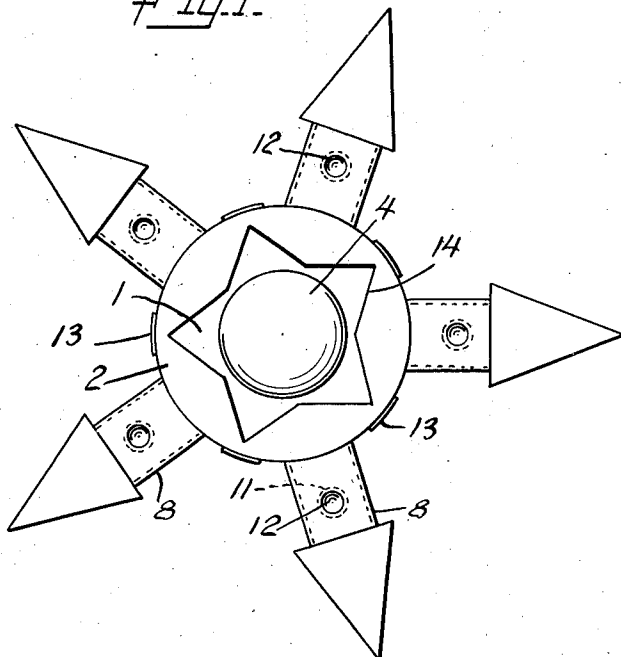
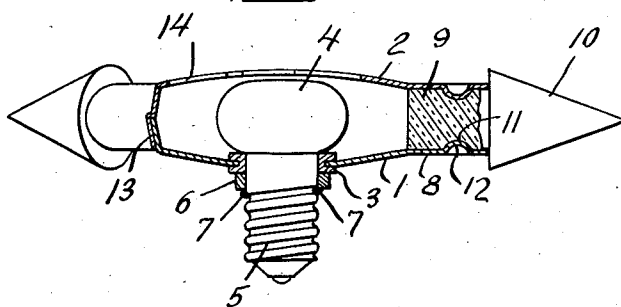


Fig. 2.



INVENTOR

Abraham Abramson

BY

Pennie, Davis, Marvin & Edwards

ATTORNEYS

UNITED STATES PATENT OFFICE

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CHRISTMAS TREE LIGHTING DEVICE

Abraham Abramson, New York, N. Y., assignor,
by mesne assignments, to G. B. G. Corporation,
Newark, N. J., a corporation of New Jersey

Application November 2, 1934, Serial No. 751,195

2 Claims. (Cl. 240—10)

This invention relates to ornamental devices and more particularly to an ornament of fanciful shape having an electric lamp arranged in a portion thereof and having a plurality of arms or branches, portions of which are formed of ornamental semi-transparent material through which rays of light from the lamp pass.

It has heretofore been proposed to provide a device for ornamental purposes in the form of a star in which the arms of the star are formed of miniature lamps connected to a common base in the central portion. Such a device is open to the objection that it is difficult to connect the lamps into the common base and the device therefore can not be manufactured to sell in the price range at which Christmas tree ornaments sell.

By means of my construction I obtain substantially the same result from a single lamp. The device consists of a base portion which may be made of metal or other opaque material. A plurality of arms extend from the base portion and glass rods are received in these arms. The ends of the rods project beyond the tubular metal arms. Cones or other suitable ornamental shapes may be formed on the projecting ends of the glass rods. They may also be colored in any desired color to increase the ornamentation.

In the following disclosure I have illustrated an ornamental device in the form of a star. It is to be understood that this showing is merely by way of illustration and that the device may be made in a number of forms or shapes. In the drawing,

Fig. 1 is a front elevation; and
Fig. 2 is a vertical, sectional view.

Referring to the drawing, the body portion of the device consists of two plates or stampings which may be of any suitable shape. As shown in the present instance, the plates are substantially circular and are dished or cupped to separate them from each other. The rear plate or stamping 1 when assembled is spaced from the front plate or stamping 2 a distance slightly greater than the size of the bulb of a miniature incandescent lamp. As shown, the rear plate is provided with an opening slightly greater in diameter than the stem of the lamp bulb and an insulating washer 3 of any suitable material is arranged in this opening. A miniature lamp is arranged in this opening with the bulb 4 inside the ornamental device and the threaded stem 5 projecting through the opening 3. A retaining ring 6 is secured on the stem of the lamp bulb 5 snug against the outer face of the washer 3

and is secured to the stem at spaced points by solder 7 or other suitable means.

When the ornamental device is to be in the form of a star, the plates 1 and 2 are provided with a plurality of radial arms 8. These arms are semi-circular in cross-section so that when the corresponding arms of the upper and lower stampings are brought together a plurality of projecting tubes are formed. The ornamental devices are arranged in these arms or tubes. As shown, they consist of glass rods 9 of substantially the same diameter as the diameter of the arms 7 so as to fill the ends of the arms. Projecting beyond the ends of the arms the rods are provided with cones 10 or other suitable ornamental forms. The glass rods may be suitably colored to add to the ornamental effect produced. Thus for Christmas tree ornamentation they may be red or green and other appropriate colors may be used where the device is employed for ornamental purposes in other uses. The rods are preferably retained in the arms by providing indentations 11 on opposite sides of the rods and offsetting the metal of the arm into the indentation as indicated at 12. The upper and lower stampings may be held together in any suitable way. As shown tabs or ears 13 may be formed on one of the stampings adapted to be clinched over the edge of the other stampings when the parts are assembled. The front 2 of the base portion may also be provided with suitable ornamentation. It may be cut away as indicated at 14 in the shape of a star or other suitable shape to provide an opening or openings through which the rays of light from the bulb pass.

In assembling the device the washer 3 is first inserted in the opening in the stamping 1. The lamp is then placed in position with the bulb projecting on one side of the stamping and the stem on the other side. The rods 9 are secured in the semi-circular halves of the arms 8 carried by the lower stamping and the upper stamping is then placed in position. The tabs or ears 13 carried by one of the stampings are then clinched over the adjacent edge of the other stamping and the metal of the arms depressed at 12 into the recesses 11 forming the glass rods.

When the device is to be used the threaded socket 5 of the lamp bulb is suitably connected to a source of current to illuminate the bulb 4. Rays of light then extend from the lamp bulb through the star-shaped cut-out portion 14 in the front of the device and also project into the tubular arms. The thickness of the glass rods produces a semi-transparent structure through

which the rays of light pass illuminating the cones 10 or other ornamental forms formed on the ends of these rods. As stated, the rods 9 and cones 10, or other ornamental forms, may be suitably colored to add to the ornamental effect desired. Thus for Christmas tree illumination the rods and cones may be red and for other ornamentation other desired colors may be employed. As stated, it will be apparent that the device may be made of any desired shape and the showing of a star is merely for purposes of illustration.

I claim:

1. An ornamental unitary device of the class described comprising a pair of spaced plates forming a central chamber and having tubular arms extending outwardly from said chamber, glass members having shanks fitting in and fastened to said arms, the ends of the glass members beyond

the shank being of ornamental shape for the purpose described, one of said plates having a hole therein, an insulator having a centrally located hole and an exteriorly located annular groove receiving the rim of said plate hole, a lamp bulb located within the central chamber and having its stem fitting in the hole of said insulator and extending away from the said plate, and retaining means on the stem for engaging the stem and insulator to securely hold the bulb in place so the device may be applied as a unit to a current supply socket.

2. An ornamental device as set forth in claim 1, further characterized in that said retaining means comprises a metal washer in snug engagement with the insulator, the washer being soldered to the bulb stem.

ABRAHAM ABRAMSON.