

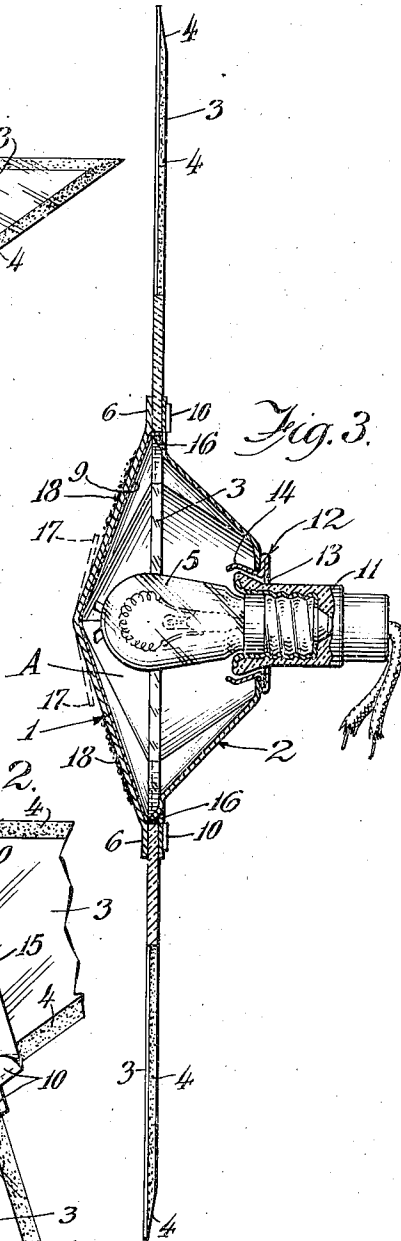
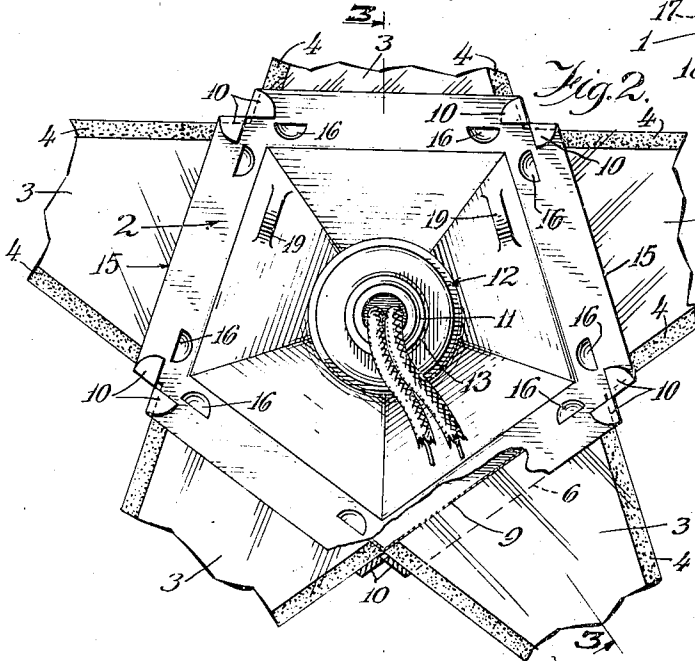
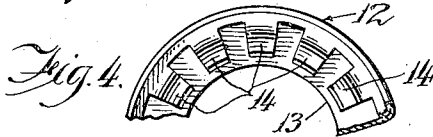
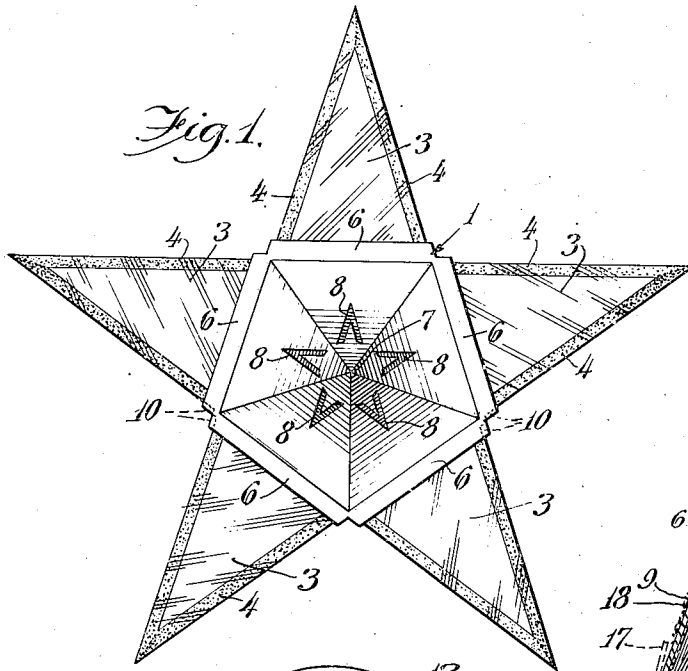
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DECORATIVE DEVICE

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2,199,434

DECORATIVE DEVICE

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3 Claims. (Cl. 240-10)

The present invention relates to decorative devices and more particularly to a novel and attractive star for decorating Christmas trees, doors, windows or other parts of a building at Christmas time or whenever such a decoration is desired.

The novel device, in its preferred embodiment, comprises a central part or core portion, preferably of metal, in which a light is located, and point sections made of transparent glass or the like having the edges bevelled and ground, etched, sanded, sandblasted or painted, or having the narrow bands adjacent to the edges and on the plane surface of the glass ground, etched, sanded, sandblasted, painted or otherwise treated, so as to intercept and glow from the light emanating from the core or central part which illuminates the interior of the points only very faintly. Preferably a design is formed or cut in the front of the core section, the interior of which is lined with a colored material such as Cellophane, to transmit a colored light through the cut-out section. This results in a double design, namely, a back lighted center portion and edge lighted points.

It is, therefore, an object of the invention to provide a very simple and inexpensive decoration, but one which is very effective due to its unique construction. By bevelling and making the edges of the points so as to intercept the transmitted light and provide edge lighting, they create the impression of a decoration of large diameter or dimensions with a relatively small amount of material.

A further object of the present invention is to provide a novel decorative or ornamental star having a back lighted center portion and edge lighted points giving a highly effective decorative design.

Further objects are to provide a construction of maximum simplicity, efficiency, economy and ease of assembly and operation, and such further objects, advantages and capabilities as will later more fully appear and are inherently possessed thereby.

The invention further resides in the construction, combination and arrangements of parts illustrated in the accompanying drawing, and while I have shown therein a preferred embodiment, it is to be understood that the same is susceptible of modification and change, and comprehends other details, arrangements of parts, features and constructions without departing from the spirit of the invention.

In the drawing:

Fig. 1 is a view in front elevation of the novel device.

Fig. 2 is an enlarged fragmentary view in rear elevation of the central back portion.

Fig. 3 is a cross sectional view taken on the irregular line 3-3 of Fig. 2.

Fig. 4 is a fragmentary view in rear elevation of the mounting for the light bulb.

In the drawing of the disclosed embodiment of my invention, the decorative device is shown in the form or shape of a star comprising front and back core sections 1 and 2 and glass points 3. The core sections are preferably formed of metal stampings of a suitable thickness, while the points may be of ordinary transparent glass. The edges 4 are shown as bevelled on the back side and these bevelled edges are ground, etched, sanded, sandblasted, painted or otherwise treated to intercept and reflect the light from the electric lamp or bulb 5 in the core portion of the star, the remaining area of the points being only faintly, if at all, illuminated thereby. This provides edge lighting since the light which passes edgewise through the glass from the light source is ordinarily not visible, but due to the presence of ground, etched, sanded or painted surfaces, the light is reflected and made visible.

The front stamping 1 is pressed outwardly from the flat edges 6 of its periphery to form a point or apex 7 having cut-out portions 8 taking the shape of a star. Just behind these cut-out portions is shown a sheet of colored transparent material 9 to color the light transmitted through this cut-out portion. But if it is desired to make the back-lighted star of the same color as the edge lighted star, the transparent material 9 is dispensed with and any desired color of bulb may be employed. The front stamping 1 is shown as five sided and the adjoining edges are bent or folded to provide flaps or tabs 10 at each end thereof.

The back section or stamping 2 is also depressed to receive a light bulb or other light source, and is provided with a central opening to permit insertion of the bulb 5 and socket 11 therethrough and into the chamber A between the stampings 1 and 2.

In order to mount the light source and socket in the section 2, the invention comprehends a mounting 12 having an annular flange 13 which conformably seats over and grips the socket 11, and spring gripping fingers 14 so bent or formed as to be readily collapsed or depressed for insertion and then spring back to tensionally grip the wall of the section immediately adjacent the

spring and thereby retain the assembly in adjusted position. Thus the socket can be readily forced into its normal operative position, and also can be removed or replaced when desired.

5 This removal can be quickly accomplished by forcing a relatively sharp instrument between the exterior of the section 2 and the doubled flange of the mounting. It is, of course, to be understood that other types of mountings or
10 fasteners may be employed to retain the bulb and/or socket in assembly.

The back stamping is disclosed as of the same five-sided shape as the front stamping but the adjoining edges 15 have their ends cut away so that when the two stampings are placed on each other in their assembled relation, the tabs 10 may be bent over to hold the two members 1 and 2 together in fixed position. In actual practice the glass points are inserted before the tabs
20 are turned over and are locked against outward movement by the tabs. Indentations or lugs 16 are pressed or stamped in the back 2 to align the points, prevent further inward movement thereof and help retain them in assembled relation.

25 In case it is desired to have the front of the core glow, the inner points 17 of the design may be pressed slightly outwardly (see dotted lines in Fig. 3) and a substance 18, such as ground glass, glued or adhered to the outer face of the stamping 1. The inner face of the points 17
30 may be polished, silvered or otherwise prepared to reflect light from the bulb onto the outer face and cause this outer face to glow and give any desired color effect.

35 It is obvious that many color combinations may be had with this device. The bulb may be of desired color and the color of the core and the design thereon may be made any desired contour and color. Merely changing the bulb or the in-
40 sertion of suitable light transmitting material can quickly give the desired color effects to the center and edge light in a manner as previously set forth. Also the edges of the star may be varied by adding ground glass of varying colors
45 to the bevelled edges to give the effect of an iced surface. Or the Cellophane or light transmitting material may be extended to the edge of the point so that the light reflected to the edges thereof will be the color of the transmitting ma-
50 terial. Eyelets or other attaching means 19 may also be projected from or formed on the back stamping 2 and through which a wire or string may be drawn for hanging the decoration.

Although I have disclosed one form of combined center and edge lighting, the invention
55 comprehends that words, pictures, letters or numbers may be ground, etched, sand blasted or printed on one or more of the points to give novel lighting effects.

60 Having thus disclosed the invention, I claim:
1. A decorative device comprising a housing for

receiving a light source, transparent flat pro-
jections having tapered edges and plane surfaces
attached to the housing in such manner that
light rays from said light source pass edgewise
through the projections, and means at the edges 5
only of said projections for intercepting the
transmitted light rays and causing said light
rays to be projected forwardly to cause the edges
to glow, said housing comprising a plurality of
10 sections, one of said sections being provided with
flat edges adapted to engage one of the sides of
each flat projection adjacent the edge of the base
of the same on one face thereof, said section fur-
ther having tabs turned over said tapered edges
and lying adjacent the opposite face of each pro-
15 jection and locking in fixed position each of said
projections.

2. A decorative device comprising a star hav-
ing a housing for receiving a light source, trans-
parent flat projections having a base with taper-
ing sides forming points of the star and having
plane surfaces attached to the housing in such
manner that light rays from said light source
pass edgewise through the projections, and means
25 at the edges only of said projections for inter-
cepting the transmitted light rays and causing
said light rays to be projected forwardly to cause
the edges to glow, said housing comprising a
plurality of sections, one of said sections being
30 provided with flat edges adapted to engage one
side of each projection adjacent the base thereof,
said section further having tabs turned over said
tapering sides and lying adjacent the opposite
face of each projection and locking in fixed posi-
35 tion each of said projections.

3. A decorative device comprising a star, a
hollow housing for receiving a light source, a de-
sign formed in the front of said housing and
having portions extending outwardly therefrom,
transparent points of said star having plane sur-
40 faces and having a base with tapered sides at-
tached to said hollow core in such manner that
light rays from said light source pass edgewise
through the points, each point having beveled
edges extending at an angle to said plane surface
45 for intercepting the transmitted light rays and
causing said light rays to be projected forwardly
to cause only the edges to glow, said housing com-
prising a plurality of sections, one of said sec-
tions being provided with flat edges adapted to
50 engage one side of each projection adjacent the
base thereof, said section further having tabs
turned over said tapering sides and lying ad-
jacent the opposite face of each projection and
locking in fixed position each of said projections,
55 and lugs on the flat edges of said section for
aligning and additionally positioning each of said
projections in place with relation to each of said
flat edges.

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