Jan. 3, 1961 R. B. FAULK 2,966,757

DECORATIVE ORNAMENT

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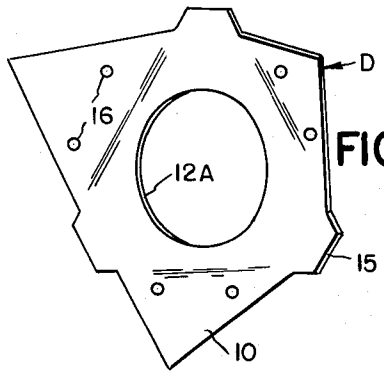


FIG.4.

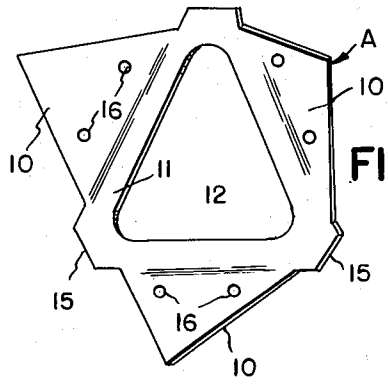


FIG.1.

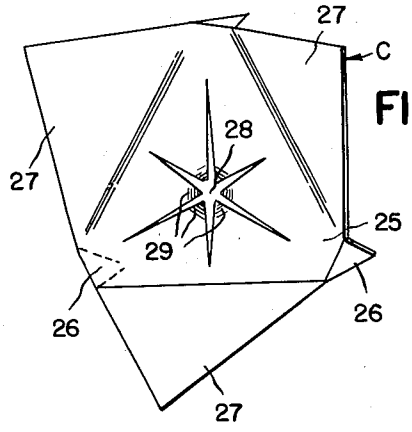


FIG.3.

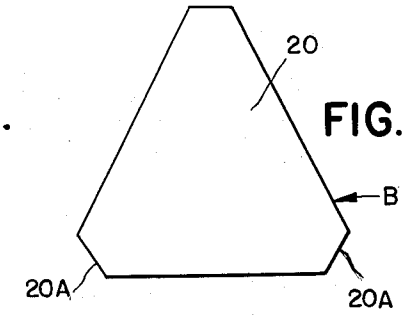


FIG.2.

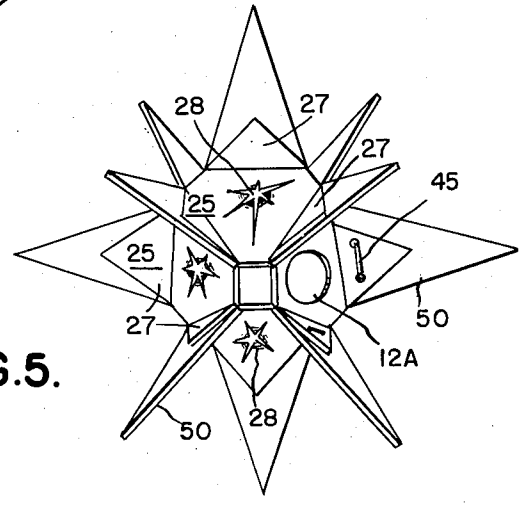


FIG.5.

INVENTOR.

RAYMOND B. FAULK

BY Hanken & Hardesty

ATTORNEYS

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Raymond B. Faulk, 8501 William, Taylor, Mich.

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2 Claims. (Cl. 41—10)

The present invention relates to an article of manufacture designed to be utilized in the production of illuminated decorative ornaments for, example, Christmas trees or similar uses.

Among the objects of the invention is to provide such an article as an element which, when fixed together with a suitable member of identical elements, will produce a hollow regular polyhedron within which a suitable light source may be located, means being provided for the light to be transmitted to the outside.

Another object is to provide an element of the kind indicated, which may be quickly and easily adapted for the production of more than one regular polyhedron.

Other objects and advantages will readily occur to those skilled in the art upon reference to the following description and the accompanying drawings in which

Figure 1 is a view in elevation of the base portion of the article.

Figure 2 is a similar view of the intermediate member of the article.

Figure 3 is a similar view of the outer member.

Figure 4 is a similar view of a modified base portion.

Figure 5 is a perspective view showing an octahedral form producible from a suitable number of the articles.

As indicated in the drawing, the element preferably comprises three parts A, B and C. The first part A, as shown in Fig. 1 comprises a thin sheet of metal generally triangularly shaped and having the three corner portions **10** bent up at a suitable angle from the central portion **11** which is itself triangular and which is provided with a large opening **12**. As will be noted, the apices of the central portion **11** extend beyond the edges of the bent up corner portions **10** and present the extensions **15** which are preferably trimmed on a line parallel with the opposite side of the triangular central portion. The bent portions **10** are also provided with suitable openings **16**, the purpose of which will be explained later.

The second part B of the article is shown in Fig. 2 and comprises a triangular sheet of transparent and preferably colored material **20** of such dimensions as to register with the triangular portion **11**, the corners of the sheet **20** being trimmed off as at **20A** to match the extensions **15** of the part A.

The third part C of the article, as shown in Fig. 3, comprises a thin sheet **25** of opaque material, preferably thin aluminum, of substantially the same shape and size as the part shown in Fig. 1, except that the extensions **26** are not trimmed off as are the extensions **15**, but are left as the apices of the central triangular portion. The

corner portions **27** are bent up at substantially the same angle as are the corners **10** of part B.

Further, instead of the large free opening **12**, a more decorative opening **28** is provided. This may have any suitable form but by way of example, is shown as provided by three intersecting slits and with the tongues **29** thus formed bent up to leave the opening **28**.

The complete article is composed of three parts assembled by placing the sheet **20** upon the part shown in Fig. 1 with the apices **20A** registering with the extension **15** and, of course, overlying the opening **12**. The part **25**—Fig. 3— is then placed over the sheet **20** and nests with part **11** with the extensions or ears **26** overlying the extensions **15** and then the ears **26** are bent down and overlapped around extension **15**, thus making a unit.

The article just described is designed specifically for use in producing a decorative octahedral device such as is shown in Fig. 5 of the drawing, by securing together a sufficient number of the units, preferably with pieces of lucite or similar light transmitting material **50** interposed or sandwiched between two back-to-back corner portions **10**.

As indicated in Fig. 5, a bent up portion **10** of the first part A is secured to a portion **10** of another by means of rivets, staples, or other means **45**, the openings **16** being provided for this purpose. It is more convenient to assemble the parts A before applying the parts B and C and then to apply the latter.

Since the article is intended primarily for producing an illuminable device such as is shown in Fig. 5, one of the parts A should be omitted and a part D such as is shown in Figure 4 substituted therefor. In this figure the part D is shown as identical with the part **11** except that the opening **12A** is of such shape and size as to permit insertion of a suitable electric bulb and socket (not shown). The transparent part B will also be omitted.

In the use of the article for producing a tetrahedron, substantially identical parts may be used.

I claim:

1. An article of manufacture comprising a first generally triangular sheet metal element having its apices bent up at less than a right angle to form diverging wings and provided with an opening in the central portion, a second sheet metal element of substantially the same size and shape nested in and fixed to the first element and a sheet of translucent material interposed between the central areas of the two members and overlying said opening, the second member being provided with a decorative opening in alignment with the opening in the first member, a plurality of said articles being adapted to have their wings secured together to form a polyhedral casing.

2. An article as defined in claim 1 wherein said wings are spaced apart, the portions of said second element, between said wings, being reversely bent to embrace the corresponding portions of said first element and thereby assist in holding said article assembled.

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