April 18, 1944. S. D. COHEN 2,346,824

ORNAMENTAL ARTICLE AND METHOD OF MAKING SAME

Filed Aug. 4, 1942

Fig. 1.

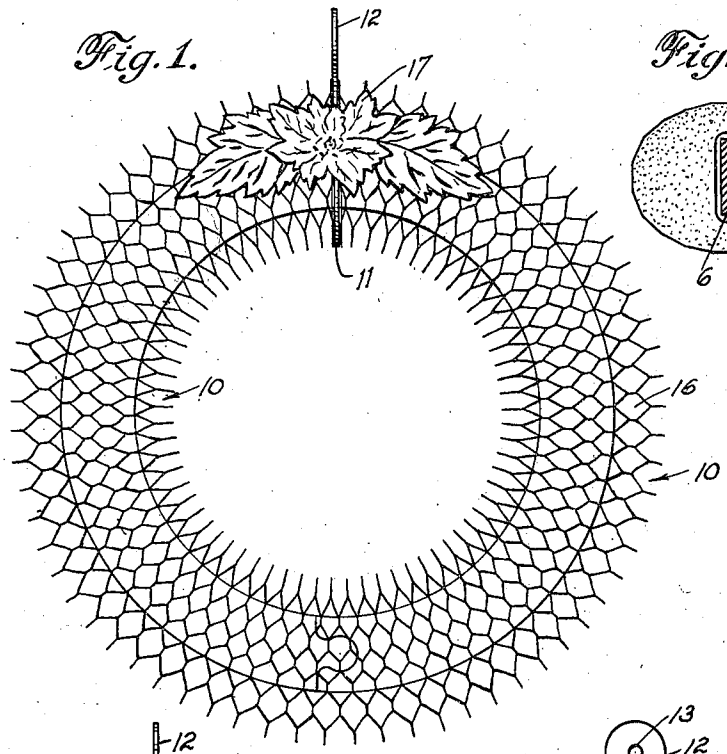



Fig. 5.




Fig. 2.

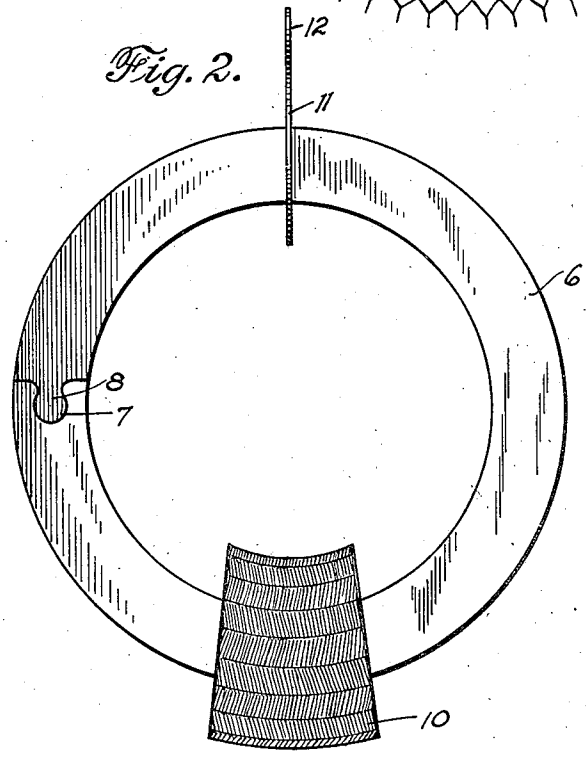



Fig. 3.

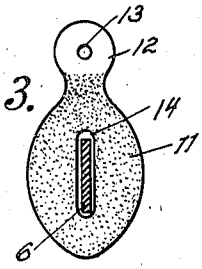
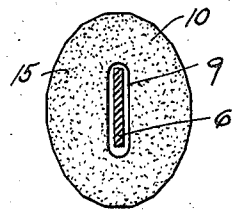



Fig. 4.




INVENTOR
SOL D. COHEN
BY
Rackenbruch & Hirschman
ATTORNEYS

Patented Apr. 18, 1944 2,346,824

# UNITED STATES PATENT OFFICE

2,346,824

## ORNAMENTAL ARTICLE AND METHOD OF MAKING SAME

Sol D. Cohen, New York, N. Y., assignor to Paper Novelty Manufacturing Company, New York, N. Y., a corporation of New York

Application August 4, 1942, Serial No. 453,543

7 Claims. (Cl. 41—11)

The invention relates to an ornamental article, and more particularly to a decorative ornament in the form of a wreath.

An object of the invention is to provide a novel decorative ornament in the form of a wreath for use in trimming windows, Christmas trees, and the like for seasonal displays, which wreaths, instead of being formed of a convoluted strip of decorative material, crimped or pleated, and then held in place by a pair of twisted core members, is constituted of a built-up blanket of sheet material such as tissue paper formed into a honeycomb arrangement and slipped upon and expanded throughout the length of a flat cardboard ring, being retained in such expanded condition upon the ring to constitute a Christmas wreath.

A further object of the invention is to provide a novel method of constructing such a decorative ornament in the form of a wreath, which method eliminates the use of all metal parts, but is constituted entirely of paper, cardboard, tissue paper, or substantially like material.

A further object of the invention is to provide such a method which is extremely economical in commercial practice and is capable of producing a decorative ornament of this type at substantially less cost than ornaments of prior art construction while yielding substantially the same visual and decorative effect.

In accordance with the general practice of the prior art, ornamental articles of this character have been produced by crimping or pleating flat strips of material like Cellophane, and holding such crimped or pleated strips together by a pair of core members usually constituted of twisted wires. The cores were so twisted so as to hold the spaced convolutions in definite spaced relation, a Christmas wreath being produced by forming the convoluted decorative structure into the form of a ring.

In accordance with my invention, I eliminate the necessity of using crimped or pleated strips and twisted core members, whether of metal or other material, and produce my decorative or ornamental article from a simple honeycomb arrangement of flat sheets of tissue paper which is expanded about a flat ring and retained in its expanded condition upon such flat ring to produce a wreath by adhesively connecting the free ends of the honeycomb structure to a cardboard element threaded upon the flat ring and which acts at the same time as the hanger for the completed wreath.

A particular embodiment of my invention is illustrated in the accompanying drawing, in which

Fig. 1 is a face view of an ornamental article in the form of a wreath in the construction and fabrication of which my invention has been utilized;

Fig. 2 is a plan view of the flat cardboard ring upon which the honeycomb element in its compressed blanket condition and the hanger have been slipped;

Fig. 3 is a plan view of the oval-shaped, die-cut, cardboard hanger slipped upon the cardboard ring;

Fig. 4 is a side view of the compressed, honeycomb structure slipped upon the flat cardboard ring; and

Fig. 5 shows the flat, oval-shaped blanket of honeycomb structure with the slot, by means of which it is slipped upon the flat cardboard ring, extending along the short axis of the blanket, whereby a slightly modified form of ornamental article is produced.

Referring more particularly to the drawing, in which similar reference characters identify similar parts in the several views, 6 is a flat cardboard ring which may be die-cut with a lock constituted of a die-cut circular recess 7 and corresponding and cooperating projection 8 constituting a jig-saw type of locking structure. The entire cardboard ring and lock therefore may be formed by a simple die-cut operation.

With the locking device of the flat cardboard ring open, there is threaded or slipped upon the ring, by means of an elongated central slot 9 thereof, a compressed blanket 10 of a honeycomb structure built up from a plurality of sheets of tissue paper in any well-known conventional manner, for instance such as is employed in the fabrication of any expanding ornament such as a Christmas bell. Such a honeycomb construction of tissue paper is made by imparting staggered lines of glue on alternate sheets of tissue paper which are superposed in such a manner that the sheets are joined together along the lines of glue. This process of building up a continuous blanket of sheet material is well-known to those skilled in the art and is therefore not described in more detail.

When an appropriate thickness of such a built-up blanket of sheet material is produced, there is cut therefrom a blank substantially oval in configuration or shape (like that shown in Fig. 4) and the elongated slot 9 running substantially coincidentally with the long axis of the oval is cut in the blank. The compressed blank 10 of such honeycomb structure is then threaded by means of the elongated slot 9 on the cardboard ring 6.

A hanger 11 for the ornament, of substantially oval shape, nearly the size of the oval-shaped honeycomb tissue paper blank 10, but having a tab 12 provided with a central aperture 13 for threading a supporting cord therethrough, is likewise slipped upon the cardboard ring 6 by means of the longitudinal axial slot 14 of such hanger.

When the two elements 10 and 11 have thus

been slipped or threaded upon the cardboard ring 6, the honeycomb structure 10 is expanded throughout the length of the cardboard ring 6 until it is fully expanded throughout such cardboard ring. It is then closed by joining its edge surfaces, which are provided with an adhesive 15, to the adhesive provided surfaces of the hanger element 11. Upon the expansion of the honeycomb structure 10 in this manner and the securement of the end surfaces thereof to the hanger element, the cardboard ring 6 will be completely enclosed within the honeycomb structure, forming a wreath, the honeycomb structure being shown in its fully expanded condition in Fig. 1 with the cells 16 thereof extending in a direction at right angles to the flat surface of the cardboard ring 6. By threading the honeycomb structure upon the cardboard ring in this manner a considerable strength is imparted to the wreath.

To complete the ornamental article, a printed paper leaf 17 is pasted upon the honeycomb structure substantially at the point of juncture of its end surfaces with the hanger element.

In Fig. 5, I have illustrated a slightly modified form of my invention, in which the blank of honeycomb tissue paper has the slot 18, for threading it upon the cardboard ring, die-cut to extend coincidentally with the short axis thereof instead of, as in the preferred embodiment, coincidentally with the long axis of such honeycomb blank. By cutting the slot 18 in this manner, the blank of honeycomb tissue paper, when it is threaded or slipped upon the cardboard ring 6, will have its honeycomb cells extend, instead of in a direction at right angles to the flat surface of the cardboard ring, in a direction parallel to such flat surface. The ornamental wreath produced in this manner will thus have the honeycomb arrangement concentric, rather than right angular to the radius of the wreath. Substantially the same decorative effect will be secured by this modified form, but the wreath will not have the strength to withstand pressure exerted directly upon the wreath. On the other hand, in the modified form, when the wreath is held up against the light, the flat interior ring will not be visible, as it is in the ornamental wreath of the first embodiment of my invention, in which the honeycomb cells extend at right angles to the flat surface of the cardboard ring.

To avoid the showing of the flat surface of the ring when the wreath is held up against a light, it is possible to form the supporting ring with its flat surface disposed perpendicularly to the radius of the ring and threading the blank of honeycomb structure thereon by means of a slot disposed as in Fig. 5. The cells of the honeycombed element will then be parallel to the flat surfaces of the cardboard ring, which would then be in the form of a section of a tube. If the ring, thus formed, has sufficient rigidity, the ornament produced will have the necessary rigidity.

While I have described specific embodiments of my invention, it is obvious that various changes therein may be made, particularly in the configuration and arrangement of the several parts thereof, without departing from my invention. For instance, while I have described a flat cardboard ring with a specific locking arrangement therefor, obviously a tubular supporting ring and locking arrangement, for instance by means in which one end of the tubular ring is telescopically engaged by the other end of the ring, with a corresponding difference in configuration of the slot in the honeycomb element, may be utilized. Furthermore the ends of the flat ring, instead of being provided with any suitable locking arrangement, may be merely overlapped and secured together by adhesive tape.

I claim:

1. The method of making an ornamental article which comprises die-cutting a split cardboard supporting ring, threading a compressed blanket of a honeycomb tissue paper structure upon such ring, joining the ends of the ring together, expanding such honeycomb blanket throughout the length of the supporting ring, and securing the contiguous free ends of the honeycomb structure together.

2. The method of making an ornamental article which comprises threading a compressed blanket of a honeycomb tissue paper structure upon a rigid supporting ring, threading a slotted hanger element upon the ring, expanding such honeycomb blanket throughout the length of the supporting ring, and securing the contiguous free ends of the honeycomb structure to the opposite faces of said hanger element.

3. An ornamental article comprising a substantially circular rigid support, a honeycomb tissue paper structure threaded upon, and expanded throughout the length of said support and retained in such expanded condition thereof upon the support, and a hanger element also threaded upon the support, the end surfaces of the expanded honeycomb structure being adhesively joined to the opposite faces of said hanger element.

4. An ornamental article comprising a substantially flat cardboard split ring, a honeycomb tissue paper structure threaded upon, and expanded throughout the length of said cardboard ring and retained in such expanded condition thereof upon the ring, a hanger element also threaded upon the ring, the end surfaces of the expanded honeycomb structure being adhesively joined to the opposite faces of said hanger element, and means for securing the ring together at its split ends.

5. An ornamental article in the form of a wreath comprising a cardboard ring, a substantially oval hanging element having an elongated slot extending centrally thereof, said hanging element being threaded by means of said slot upon the ring, and a substantially oval-shaped honeycomb structure, having an elongated slot therein and threaded by means of said slot upon the ring, said honeycomb element in its fully expanded form extending throughout the cardboard ring with its honeycomb cells extending in a direction at right angles to the surface of the cardboard ring.

6. An ornamental article in the form of a wreath comprising a split flat cardboard ring, a substantially oval shaped element having an elongated slot extending centrally thereof threaded, by means of said slot, upon the ring, and a substantially oval-shaped honeycomb structure, having an elongated slot therein and threaded by means of said slot upon the ring, said honeycomb element in its fully expanded form extending throughout the cardboard ring and having its end surfaces adhesively secured to said oval shaped element.

7. An ornamental article as claimed in claim 6, in which the oval-shaped element has an integral tab provided with an aperture for threading a supporting cord therethrough.

SOL D. COHEN.