Sept. 5, 1944. C. S. PRICE 2,357,425

ORNAMENT

Filed May 9, 1940 2 Sheets-Sheet 1

Fig. 1.

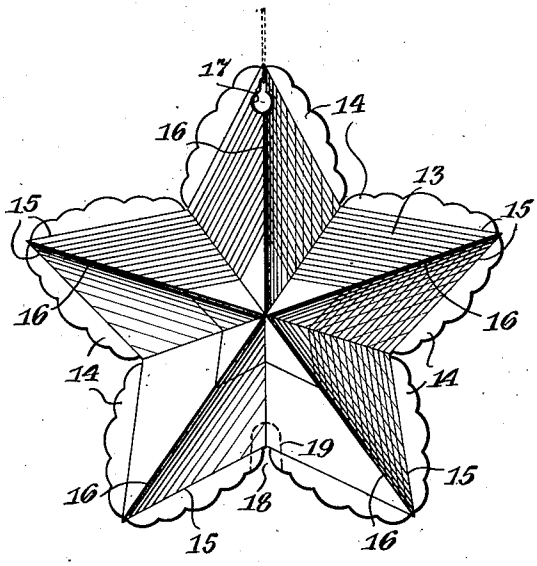


Fig. 2.

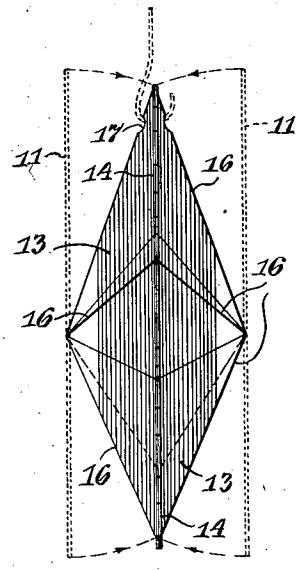


Fig. 3.

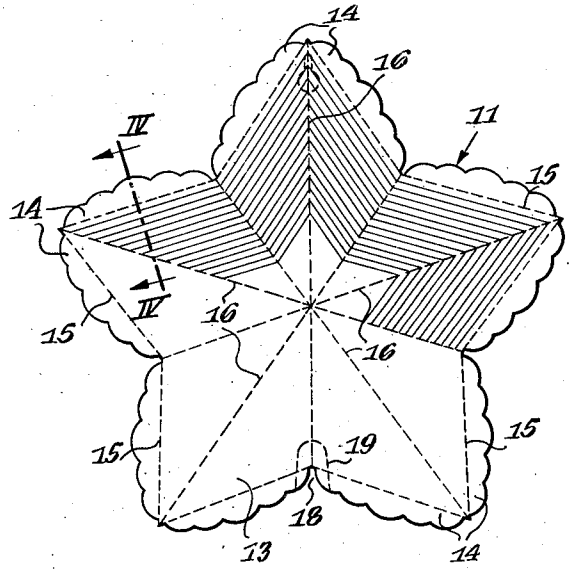
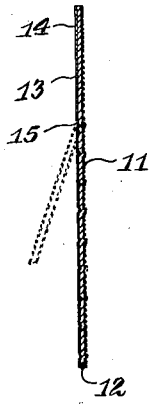


Fig. 4.



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Fig. 5.

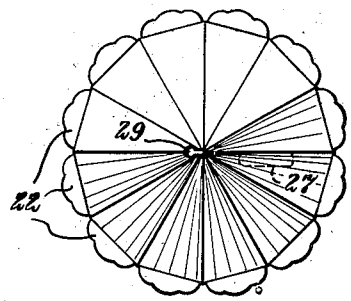


Fig. 7.

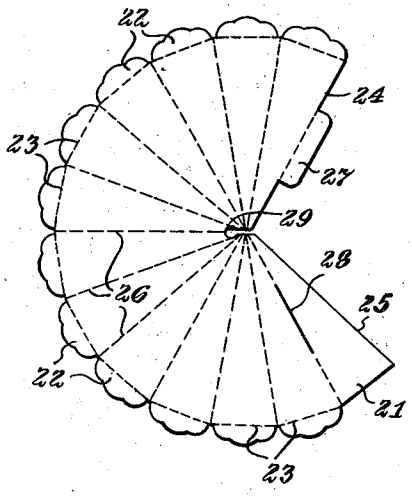


Fig. 6.

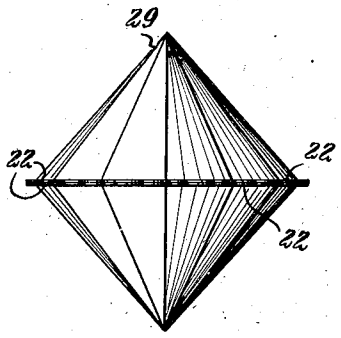


Fig. 8.

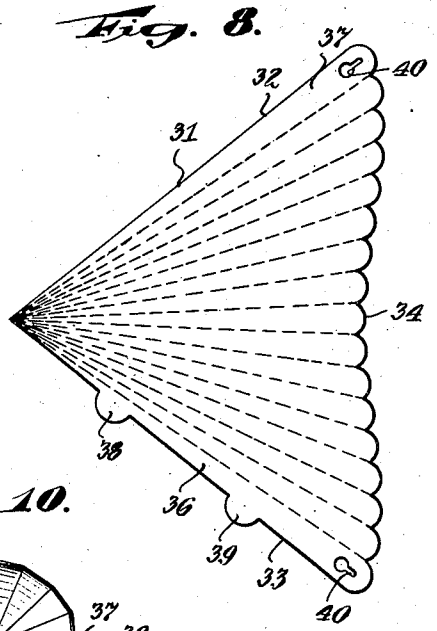


Fig. 9.

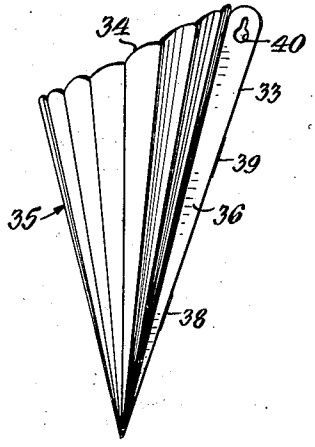
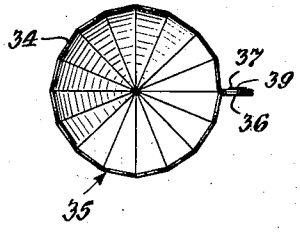


Fig. 10.



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UNITED STATES PATENT OFFICE

2,357,425

ORNAMENT

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Application May 9, 1940, Serial No. 334,278

19 Claims. (Cl. 41—10)

This invention relates to ornaments and methods of manufacture, and more particularly to an ornament designed to be used to decorate a Christmas tree or the like.

The principal object of my invention, generally considered, is to economically produce Christmas tree ornaments, the sheet blanks of which are initially formed for sale flat and subsequently assembled in a convenient manner by the purchaser.

Another object of my invention is the manufacture of ornaments consisting of paper covered with metal foil and suitably decorated.

A further object of my invention is the provision of hollow ornaments especially adapted for hanging on Christmas trees, which are formed of flat blanks crimped or embossed to desired shape and suitably connected.

A still further object of my invention is the provision of ornaments simulating stars, balls, cornucopias and the like, which may be formed of metal-covered paper, with the metal or outer side suitably decorated, and then assembled as by means of gluing, to produce the shape desired, with the advantage of lightness, and the elimination of the danger of breakage.

Other objects and advantages of the invention, relating to the particular arrangement and construction of the various parts, will become apparent as the description proceeds.

Referring to the drawings illustrating my invention:

Figure 1 is a side elevational view of an ornament embodying my invention, and simulating a star.

Figure 2 is an edge elevation of the ornament shown in Figure 1.

Figure 3 is a face view of one of the blanks used for making an ornament like that of Figures 1 and 2.

Figure 4 is an enlarged sectional view on the line IV—IV of Figure 3, in the direction of the arrows.

Figure 5 is a plan of a double conical or ball-like ornament.

Figure 6 is a side elevational view of an ornament such as shown in Figure 5.

Figure 7 is a face view of one of the blanks used for making an ornament such as shown in Figures 5 and 6.

Figure 8 is a face view of a blank used for making a cornucopia ornament.

Figure 9 is a side elevational view of an ornament, shaped as a cornucopia and produced by bending, and securing together the opposite edge portions of a blank, such as shown in Figure 8.

Figure 10 is a plan of the ornament shown in Figure 9.

Referring to the drawings in detail, and first considering the embodiment of my invention shown in Figures 1 to 4, inclusive, there is illustrated in Figure 3 a blank 11 formed generally star-shaped and cut from a sheet of paper 12, one face of which is finished as by being metal coated or covered with thin metal or foil 13. The metal or outer side of the blank 11 is suitably decorated, as by printing in accordance with the showing, and the paper or inner side gummed or covered with a suitable remoistening adhesive.

The method of assembling two blanks, such as shown in Figure 3, to produce a star-like ornament as shown in Figures 1 and 2, is to fold all of the edge portions 14, which may be scalloped as illustrated, along the star border lines 15, so that they project upwardly from the metal side of the sheet. The body of the blank is then folded all the way across on all five transverse lines 16, foil side out. The star blank is now flexible and ready for forming. The movement in bending is represented in Figure 2 by that between the dotted and full line positions, and in Figure 4 by that between the full and dotted positions.

Another star blank is formed in a similar way. This blank may be of the same or different color or design, as preferred. The scalloped edges 14 are now moistened all the way around on the paper or gummed side of one blank, and pressed firmly against the edges of another correspondingly formed blank, with the corresponding parts registering to form a complete star as represented in Figures 1 and 2.

Such a star may be hung from a Christmas tree or the like, by a knotted ribbon or string passed through the slotted hole 17, or it may be fastened on the top of the tree, or end of a tree branch, by inserting the same in a hole 18 produced by removing segments 19.

Referring now to the embodiment of my invention illustrated in Figures 5, 6 and 7, there is shown a blank 21 which, as in the previous embodiment, is desirably formed of a paper base, to one surface of which is applied thin metal or metal foil, as in the first embodiment. The finished or metal surface of the blank is suitably ornamented or printed, as in the first embodiment.

To assemble a blank which is shown formed generally as a circular sector larger than a semicircle with a scalloped circumferential edge, such

as shown in Figure 7 with another corresponding blank to produce a double squat conical or ball-like ornament, as shown in Figures 5 and 6, all of the scalloped edges **22** are bent along the dotted lines **26**. The tongue **27** is then inserted into slot **28**, as indicated in dotted lines in Figure 5 and bent over on the inside. The tongue may then be moistened and glued against the gummed inner surface of the sheet.

A second cone or pyramid is then formed as above. This may be of the same color and design as the first, or a different color, or design, or both, as desired. The gummed scalloped edges of one cone are moistened and pressed firmly against the corresponding edges of the second cone, forming a double cone, double pyramid, or ball-like device, as shown in Figures 5 and 6.

The device of said figures may be suspended by a knotted string or ribbon in slotted hole **29** at either end, and may be united to another such ornament or other ornaments, on a single string to form a chain.

Referring now to the embodiment of my invention illustrated in Figures 8, 9 and 10, there is shown a blank **31** formed generally triangular or with two sides **32** and **33** disposed at an angle to one another and the other side **34** curved or scalloped as illustrated. The material of the blank **31** is desirably foil-covered paper coated with remoistening adhesive or gum on the paper or inner side, as in the other embodiments. In this case the cornucopia **35**, shown in Figures 9 and 10, is formed from a single blank **31** by moistening the area **36** on the gummed side, along the edge **33**, and pressing it firmly against the corresponding gummed side of the opposite edge area **37**, to cause the gummed surfaces thereof, to unite and form an outstanding flange. The flaps **38** and **39** are then bent over the edge area **37**, to hold the same firmly in place, while the moistened glue dries. The cornucopia, pyramid or cone illustrated, may be elongated, elliptical or circular in section, as desired, and suspended by means of a knotted string or ribbon through the slotted hole **40**.

Although I have disclosed preferred forms of my invention, it will be understood that the same may be embodied in other specific forms without departing from the spirit or essential characteristics of the present invention and, therefore, the forms should be considered as merely illustrative. All blanks are desirably indented along bending lines to facilitate shaping. One or both of the glue-covered surfaces to be connected may be moistened before pressing together, in making an assembly or forming an ornament. The scope of the invention is indicated by the claims, rather than by the foregoing description.

I claim:

1. An ornament comprising a formed sheet of metal-foil-covered paper originally cut flat to a decorative shape, the foil side of said sheet being indented along bending lines, the paper side being coated with remoistening adhesive, and cooperating flange means projecting outwardly and formed by moistening and pressing together, into connected relationship, the coated surfaces of sheet edge portions, after bending said sheet so that the metal is on the convex surface.

2. An ornament comprising a sheet of paper coated on one side with metal, cut while flat to a decorative shape, the metal side of said sheet being ornamented and indented along bending lines, the paper side carrying remoistening glue, and cooperating flange means projecting outwardly and provided, after bending said sheet along said lines to form it with the metal on its convex side, by moistening and pressing together into glued relationship, the surfaces of sheet edge portions.

3. A hollow ornament comprising an embossed sheet of foil-covered paper, with the foil on the convex side thereof, initially cut flat to a decorative shape, the foil side of said sheet being indented along bending lines, the paper side being provided with remoistening glue, and united to a similarly formed sheet by peripheral edge portions bent outwardly and secured to and along substantially the full length of corresponding edge portions of each other by means of said glue, to define a space therebetween.

4. A hollow ornament comprising a pair of similar star shaped sheets of paper, to one side of each of which is secured a sheet of thin metal, the metal side of each sheet being indented along bending lines, the paper side carrying remoistening glue, the composite sheets being correspondingly embossed by bending along said lines, and assembled with their paper surfaces inside by their peripheral edge portions bent outwardly and secured along substantially the full length thereof to corresponding edge portions of each other by means of said glue.

5. A hollow ornament comprising a pair of similar sheets of paper shaped as corresponding sectors of circles larger than semi-circles, to one side of each of which is secured a sheet of thin metal, the metal side of each sheet being indented along bending lines, the paper side carrying remoistening glue, the composite sheets being correspondingly embossed by bending along said lines, and having their radial edges united by said glue to make a squat pyramid or approximate cone, with metal surfaces outside, and the peripheral edge portions of said squat elements being bent outwardly and secured to one another by means of said glue.

6. An ornament comprising a sheet of foil-covered paper, cut to approximately triangular shape, the foil side being indented along lines radiating from a vertex, the paper side being coated with remoistening adhesive, and the edge portions of said sheet, defining the angle at said vertex, being moistened, brought together by bending the intermediate sheet portion therebetween, pressed into uniting relationship, and tab portions on one edge portion bent over the united edge portion to increase the security of the connection.

7. The method of making ornaments, comprising cutting out a decorative shape from a flat sheet of composite paper and thin metal material, coating the paper side of said composite material with remoistening adhesive, indenting said material along bending lines from the metal side, embossing by bending to bring edge portions together with the metal on the convex side, moistening the adhesive on said edge portions, and pressing together to cause adherence of said edge portions.

8. The method of making hollow ornaments comprising cutting out a pair of corresponding decorative shapes from a flat sheet of paper, one side of which carries metal and the other remoistening adhesive, embossing each sheet so that the metal lies on the convex side, bending out flanges at and along substantially the entire

length of the periphery of said sheets, moistening all of the flange length, and pressing the entire moist flanges of one on those of the other sheet to unite in assembled relation.

9. A hollow ornament comprising formed metal-foil-covered paper originally cut flat to decorative shape, the foil side being indented along bending lines, the paper side being coated with remoistening adhesive, and cooperating flange means projecting outwardly and formed by moistening and pressing together, into connected relationship, the coated surfaces of sheet edge portions along substantially the entire length of said flange means, after bending so that the metal is on the convex surface.

10. A hollow ornament comprising a sheet paper coated on one side with metal, cut while flat to a decorative shape, the metal side being ornamented and indented along bending lines, the paper side carrying remoistening glue, and cooperating flange means projecting outwardly and provided, after bending along said lines to form with the metal on the convex side, by moistening and pressing together into glued relationship, surfaces of sheet edge portions along the entire length of said flange means.

11. The method of making ornaments, comprising cutting out decorative shapes from a flat sheet of composite paper and thin metal material, coating the paper side of said composite material with remoistening adhesive, indenting said material along bending lines from the metal side, embossing by bending, moistening the adhesive on the entire length of edge portions, and bringing and pressing said moistened edge portions together with the metal on the convex side to cause adherence thereof.

12. A hollow ornament comprising an embossed sheet of decorated paper, with the decorations on the convex side thereof, initially cut to a desired shape, the decorated side of said sheet being indented along bending lines, the other side being coated with remoistening adhesive, and a similarly-constructed sheet united thereto along substantially the entire length of the peripheral edge portions by means of said adhesive, defining a hollow space therebetween.

13. A hollow ornament comprising a pair of similar star-shaped sheets of paper, one side of each of which is decorated, said decorated sides being indented along bending lines, the other sides carrying remoistening glue, said sheets being correspondingly embossed by bending along said lines and assembled with their glue-covered surfaces inside, by means of said glue along substantially the entire length of the edge portions.

14. A hollow ornament comprising a pair of similar sheets of paper shaped as corresponding sectors of circles, one side of each of said sheets being decorated and indented along bending lines, the other side carrying remoistening glue, said sheets being embossed by bending along said lines, and having their radial edges united by said glue to make a squat pyramid or approximate cone, with the decorated surfaces outside, and the edge portions of said squat elements being bent outwardly and secured to one another by means of said glue.

15. A hollow ornament comprising a pair of similar star-shaped sheets of paper, with scalloped edge portions along substantially the entire length of their peripheries, one side of which is decorated, said decorated sides being indented along radial and edgewise bending lines, the other sides carrying remoistening glue, said sheets being correspondingly embossed by bending along said radial lines and assembled, after bending up all of the scalloped edge portions, with their glue-covered surfaces inside, by means of said glue along all of said bent-up edge portions, forming outstanding double-thickness flanges.

16. A hollow ornament comprising a pair of similar sheets of paper shaped as corresponding segments of circles, with scalloped circumferential edge portions, one side of each of said sheets being decorated and indented along radial and peripheral bending lines, the other side carrying remoistening glue, said sheets being embossed by bending along said radial lines and having their radial edges united by said glue to make a pyramid or approximate cone, with the decorated surfaces outside, the scalloped edge portions of said cones being bent outwardly and secured to one another by means of said glue, forming outstanding double-thickness flanges.

17. An ornament blank comprising a flat sheet of paper decorated on one side and cut to a desired shape, said sheet being indented along bending lines and the other side entirely coated with remoistening adhesive, whereby it may be bent and united to a similarly-formed and bent sheet, by moistening and pressing together the surfaces of corresponding edge portions to define a space therebetween.

18. A hollow ornament comprising a pair of similar sheets of paper shaped as corresponding sectors of circles, to one side of each of which is secured a sheet of thin metal, the metal side of each sheet being indented along bending lines, the other side carrying remoistening glue, said composite sheets being embossed by bending along said lines and having their radial edges united by said glue to make a relatively short pyramid or approximate cone, with the metal surfaces outside and the peripheral edge portions of said relatively short elements being bent outwardly and secured to one another by means of said glue, in order to give an approximately ball-shaped appearance.

19. A blank for making a hollow ornament comprising a sheet of paper shaped as a sector of a circle, one side of said sheet being decorated and indented along bending lines, and the other carrying remoistening glue along its full area, said sheet being embossable by bending along said lines in order to unite its radial edges by said glue to make a squat pyramid or approximate cone, with the decorated surface outside and the edge portions of said squat element adapted to be bent outwardly and secured to corresponding edge portions of a similar element by means of said glue to make a hollow ornament.

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