Jan. 2, 1934. M. KAPLAN 1,942,174

MATERIAL FOR MAKING DECORATIVE DEVICES SUCH AS ARTIFICIAL FLOWERS, ETC., AND METHOD OF MAKING SUCH MATERIAL

Filed Dec. 31, 1930

Fig. 1,

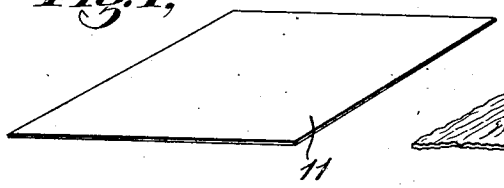


Fig. 2,

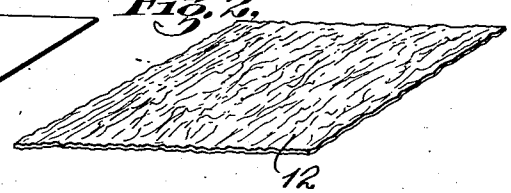


Fig. 3,

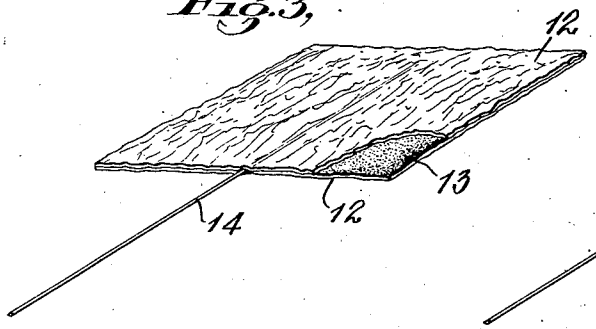


Fig. 4,

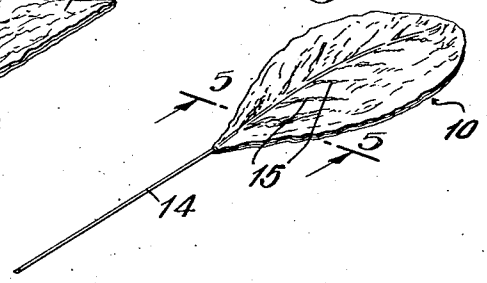


Fig. 6,

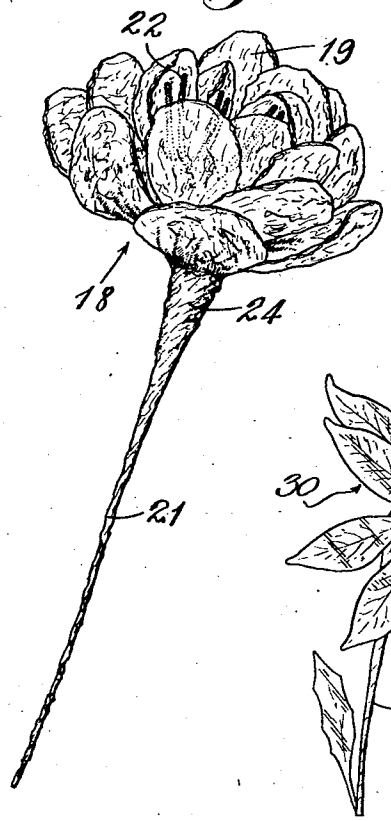


Fig. 5,

Fig. 7.

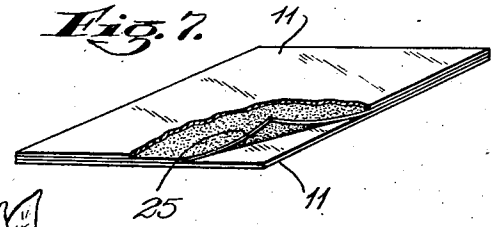
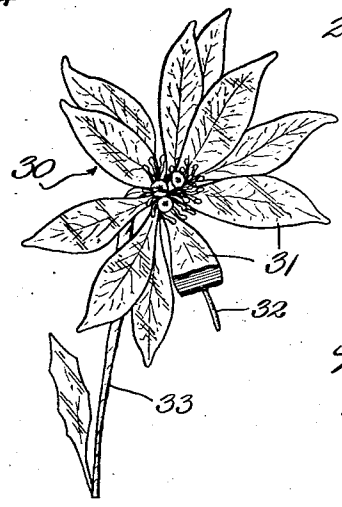


Fig. 8.



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MATERIAL FOR MAKING DECORATIVE DEVICES SUCH AS ARTIFICIAL FLOWERS, ETC., AND METHOD OF MAKING SUCH MATERIAL

Max Kaplan, Brooklyn, N. Y.

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6 Claims. (Cl. 41—13)

This invention relates to material for making decorative devices, such as artificial flowers, leaves, wreaths and the like objects and to a method for making the same.

An object of this invention is to provide a quick, simple and inexpensive method for making highly ornamental and decorative flowers and the like objects formed of sheet material.

A further object of this invention is to provide an improved and novel material adapted for use in making a wide variety of ornamental articles such as artificial flowers, leaves, foliage, bags and other devices made of flexible sheet material.

A still further object of this invention is to provide a neat, attractive and durable device of the character described which shall be relatively inexpensive to manufacture and yet practical and efficient to a high degree.

Other objects of this invention will in part be obvious and in part hereinafter pointed out.

The invention accordingly consists in the features of construction, combinations of elements, and arrangement of parts which will be exemplified in the construction hereinafter described, and of which the scope of application will be indicated in the following claims.

In the accompanying drawing, in which is shown one of the various possible illustrative embodiments of this invention,

Fig. 1 is a perspective view of a sheet of cellophane illustrating the first step in the method of making a decorative device in accordance with the invention;

Fig. 2 is a perspective view of the sheet shown in Fig. 1 and illustrating an intermediate step in making the ornamental device;

Fig. 3 is a perspective view illustrating a still further step in the method of making the ornamental device, with parts broken away to show the interior construction;

Fig. 4 is an ornamental artificial leaf made in accordance with the invention;

Fig. 5 is a cross-sectional view taken on line 5—5 of Fig. 4;

Fig. 6 is a perspective view of an artificial flower made in accordance with the invention;

Fig. 7 is a perspective view of another material used for making articles in accordance with the invention; and

Fig. 8 is a perspective view of an artificial Poinsettia made of material embodying the invention.

The invention is illustrated in the accompanying drawing wherein is shown pieces of material made in accordance with the invention and several devices made from such material. It will be understood however that the devices shown are merely illustrative and the invention lends itself to an embodiment in many forms such as flowers, foliage, leaves, bags, boxes, trimmings for wearing apparel and millinery, novelties and other ornamental and decorative devices.

Referring now in detail to the drawing, 10 designates an artificial leaf made in accordance with the invention. For making said leaf 10, a thin sheet 11 of transparent, flexible, pliant, nitrocellulose substance having a silk or muslin finish, such as cellophane, may be cut in any suitable desired shape to form the blank shown in Fig. 1.

Warm or hot water or any other suitable liquid may be applied to one or both surfaces of the sheet 11 as by brushing with a wet brush, or in any suitable manner. This application of the liquid has been found to produce, when dried, a wrinkled, furrowed or crinkly sheet 12 from which may be made a great number of decorative or display devices used alone or in various combination with other devices.

Two of said smooth sheets 11 or crinkly sheets 12 may be superimposed and glued together with any suitable adhesive such as a gelatinous glue 13 to form a more rugged structure. For forming the leaf 10, a stem 14 made of a coated wire or any other suitable material may be interposed between the sheets 12. The sheets 12 may then be cut to the outline or configuration of the leaf and then pressed into the proper shape by a suitable die to form portions simulating veins 15, and the natural curvature or contours to give the leaf a natural appearance. The leaf may then be painted or dipped into a suitable color bath for tinting the same. It has been found that a leaf or similar device made as described above will effectively retain its shape.

A flower 18 such as a rose shown in Fig. 6 may be made from the sheets 11 by the same method, a number of petals 19 being formed from the crinkly sheets 12, which are die-pressed, stamped or otherwise suitably shaped for forming said petals. The petals obviously may be assembled with a stem 21 and other portions 22 simulating pollen and the like, a strip of the wrinkled material 22 being wrapped as at 24 for attaching the petals to said stem.

As shown in Fig. 7, smooth sheets 11 may be glued to one or to the opposite surfaces of a sheet 25 of colored or uncolored paper, plain or creped, cloth, silk or other suitable flexible material to provide a more rugged medium for making the leaves or flowers or other devices. Obviously,

a single sheet of any thickness or a plurality of sheets of cellophane may be attached to one side of a single sheet, or a plurality of superimposed sheets of cloth, paper, flannel or the like material to give the same a sheen.

A colored adhesive material such as varnish, may be substituted for the glue 13. Where the method describes the use of a single sheet of cellophane, it is obvious that any number of superimposed and interattached sheets of cellophane may be used to form sheets of various thickness and strength, and such sheets may further be combined with the colored sheet of paper, cloth, and the like for the purpose described above.

The sheets of cellophane may be treated with moisture proof material for making book binding material and for similar uses. Furthermore, colored cellophane may be used, that is cellophane mixed with pigments to produce an imitation celluloid. Layers of celluloid may be substituted for the cellophane and combined with backing sheets of paper, cloth or the like material. Imitation oilcloth and leather may be made by use of the cellophane with the superimposed and interattached sheets of backing material.

In Fig. 8 there is shown an artificial Poinsettia 30 made with material embodying the invention. The petals 31 of the Poinsettia are made of smooth sheets of cellophane adhered to backing sheets of paper, cut into the desired petal shape and die pressed to produce the veins and contour of the petals. Pollen simulating material 32 may be attached to the inner ends of the petals and joined to form a stem 32. Obviously, any other suitable flower or other decorative material may be made by the use of the cellophane and backing sheets. It will be noted that the front of the Poinsettia petals are provided with a sheen caused by the cellophane and producing highly attractive visual effects. In making the Poinsettia 30 colored paper may be used and a backing wire 33 attached to the rear surface of the paper backing by glue or the like adhesive material.

It will thus be seen that there is provided a device in which the several objects of this invention are achieved, and which is well adapted to meet the conditions of practical use.

As various possible embodiments might be made of the above invention, and as various changes might be made in the embodiment above set forth, it is to be understood that all matter herein set forth or shown in the accompanying drawing is to be interpreted as illustrative and not in a limiting sense.

Having thus described my invention, I claim as new and desire to secure by Letters Patent:

1. An artificial plant portion comprising a plurality of sheets of crinkled cellophane glued together and a stem portion interposed between said sheets, said sheets being die pressed to the shape of said portion.

2. A single composite flexible sheet comprising a sheet of colored crinkled cellophane and an attached superimposed sheet of paper, said composite sheet being die pressed into shape to form the natural contour of a plant portion.

3. An artificial Poinsettia having a plurality of petals each comprising a sheet of cellophane and a backing sheet of colored paper attached to said sheet of cellophane.

4. An artificial Poinsettia having a plurality of petals each comprising a sheet of cellophane and a backing sheet of colored paper, and a wire attached to the rear of the paper and each petal being die pressed to form the natural contour of a Poinsettia petal.

5. The method of making decorative devices consisting in attaching a sheet of cellophane throughout one surface thereof to a superimposed flexibile sheet and die-pressing the same, wetting said sheet and drying the same to produce a crinkly effect.

6. The method of making a sheet decorative device consisting in attaching a crinkly sheet of cellophane throughout one surface thereof to a superimposed flexible backing sheet and die-pressing the same, and coloring the same.

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