C. S. OLNEY.

BAS-RELIEF DESIGN AND METHOD OF MAKING SAME.

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1,375,857. **Patented Apr. 26, 1921.**

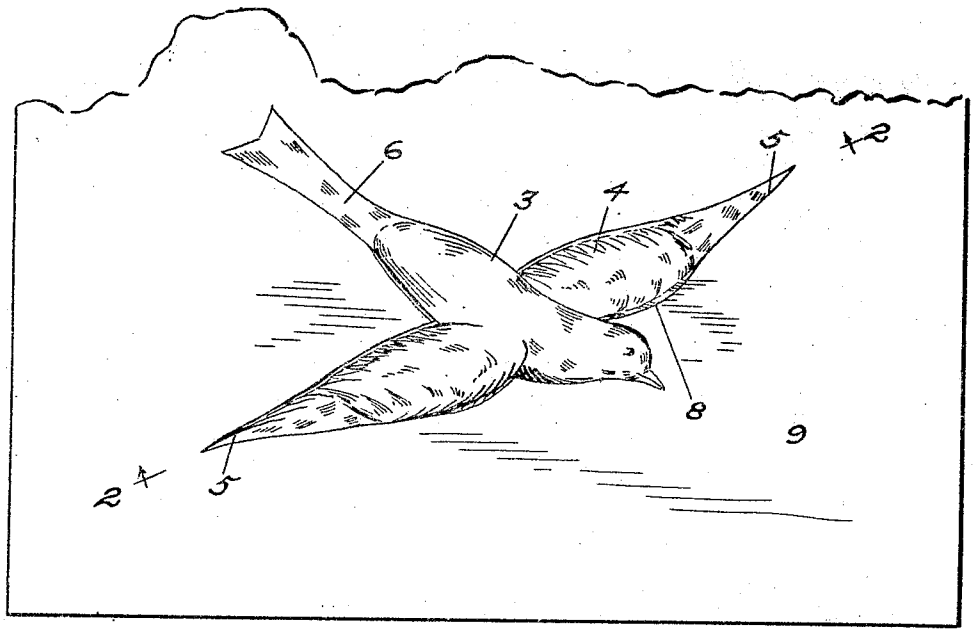


Fig. 1.

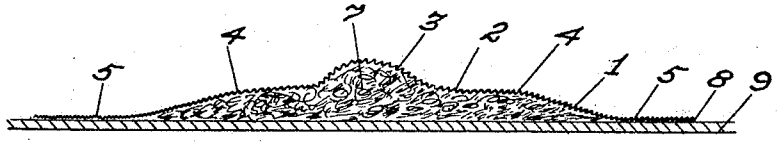


Fig. 2.

WITNESS:

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BAS-RELIEF DESIGN AND METHOD OF MAKING SAME.

1,375,857. Specification of Letters Patent. Patented Apr. 26, 1921.

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To all whom it may concern:

Be it known that I, CORALIE S. OLNEY, a citizen of the United States, residing at Oakland, in the county of Alameda and State of California, have invented certain new and useful Improvements in Bas-Relief Design and Method of Making Same, of which the following is a specification.

The present invention relates to the ornamentation of articles by the application thereto of a design in bas-relief.

One of the principal objects of the invention is the utilization of printed or otherwise outlined designs or characters on suitable crape paper or similar material, or on a suitable crinkled or crimped material either of paper or fabric which are expanded or distorted to provide a space or recess beneath which suitable padding, wadding or like material is capable of being positioned so as to impart a life-like appearance to the design when the same is applied to a surface. This invention enables the use of many printed designs or characters now universally on sale on the market and which have heretofore been only employed as cut-out subjects, such as dolls, figures and the like, and which, when finished, have always had a flat or unlife-like appearance.

In the drawings forming a part of this application and illustrating the method,

Figure 1 illustrates a view in perspective of a bird design applied to a suitable flat base.

Fig. 2 is a sectional view taken on the line 2—2 of Fig. 1, disclosing the expanding or distorting of the material through the body and wing portions, the padding or wadding beneath the same and the edges of the material in contact with the surface mounting the design.

In carrying out my present method, I employ what is commonly termed, crape paper design cut-outs, that is, crape paper having printed thereon suitable designs or outlines of any desired subjects, these subjects being severed from the whole body of the paper on their terminal lines, at which time from the rear face of the design I press with any suitable mechanism, preferably using my fingers, the portions of the design which should be raised, thereby making in the crimped paper 1 a raised portion 2, in the present illustration, it being the body and head portions 3 of the bird and the base portions 4 of the wings, leaving the wing tips 5 and the tail 6 comparatively flat. With these portions raised, which is permitted by the character of material employed, there is provided a space at the back of the design which I fill in with cotton or other suitable padding or wadding 7, and if desirable, this padding or wadding may be glued or otherwise adhesively secured to the rear of the raised or expanded portion of the design. I then apply to the under-face of the terminal edges 8 of the design a suitable adhesive which permits the mounting of the design and a suitable base 9, said edges being pressed firmly to the base to enable the same to adhere tightly thereto, at which time the padded portions of the design are in bas-relief on the base which gives a life-like appearance to the design which is particularly desirable in art works of this type. After the adhesive has set I prefer to coat either the design itself or the design and the base with a suitable protecting cover, and preferably of shellac, although, it will be understood, that any other suitable coating material, preferably that of the transparent and water-proof type may be employed, the idea of coating being to protect the adhesive edge from dampness and to maintain the expanded padded body in the shape into which the same was originally formed.

While I have illustrated a bird as the subject matter of the invention, it will be readily apparent that any object, subject matter or design is capable of being made by the use of my present method, and that I do not desire to be confined to the design or subject matter illustrated, the method being adapted for application to any expansible material of the cut-out type and which is crinkled or crimped and is capable of distortion or expansion to enable the portion or portions of the subject matter thereof, which in reality should be of a raised or bas-relief appearance to be readily formed into the material by raising portions of the underface of the design appearing thereon.

During cold weather, or at such times as the shellac is thick, it has been found expedient to bake or subject the design to a relatively high temperature to insure the even setting of the coating on the design surfaces and the permeation of the interstices of the design forming material by the coating. It has been found that the appli-

cation of heat to the coated article leaves a polish on the design when the same dries.

Having thus described my invention what I claim is:

A relief comprising a suitable base of relatively heavy material, a piece of stretchable crape paper conforming to the configuration of a design disposed thereon, a portion of the material containing the design being stretched variable distances from the base, while other portions are directly attached to the base, a padding in the space where the crape material is stretched, and a hard shellac coating covering said crape material to retain the same in shape.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

CORALIE S. OLNEY.

Witnesses:
HARRY A. TOTTEN,
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