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H. J. RANSBURG

DECORATED GLASSWARE AND PROCESS OF MAKING SAME

Filed June 4, 1926

FIG. 1

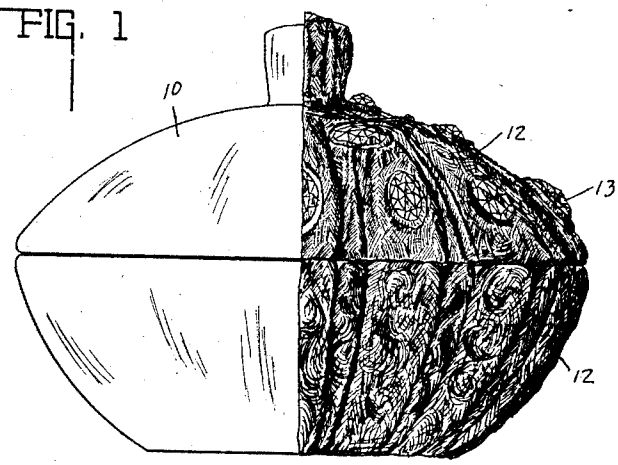
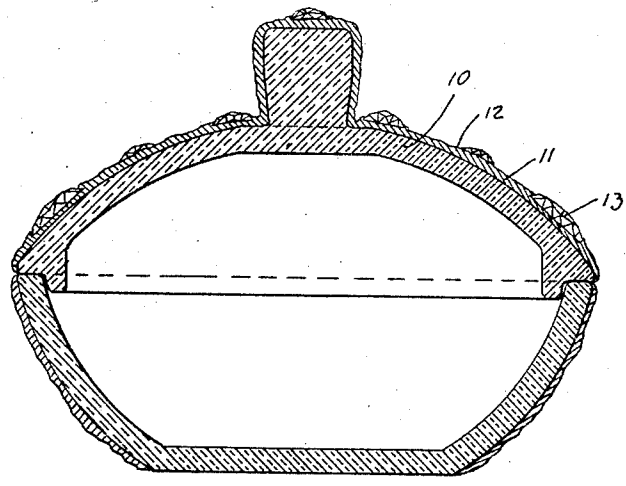


FIG. 2



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DECORATED GLASSWARE AND PROCESS OF MAKING SAME.

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This invention relates to decorative glassware, and the process of making the same.

The principal feature of the invention resides in the application to the surface of glassware, such as perfume bottles, vases and similar decorative glass articles, of a coating of a non-transparent and adhesive composition, which will adhere strongly to the non-perforate glass surface and may be molded or hand carved into various decorative designs.

Such composition, after having been applied and formed with the decorative designs in relief may then be painted suitable colors and in varying designs for giving the desired effect.

Another feature of the invention resides in the application to such decorative coating of additional decorative articles, such as jewels or glass particles for adding to the attraction and beauty of the article.

The full nature of the invention will be understood from the accompanying drawings and the following description and claims:

In the drawings, Figure 1 is a glass jar of the ordinary type after having received the decorative application on one half thereof as compared with the non-decorated portion of the other half thereof. Fig. 2 is an enlarged section through the jar with the decorative application thereon.

By means of this invention it is possible to utilize glass articles in the nature of candle sticks, vases, jewel boxes and the like, of a simple and non-decorated glass construction with or without a molded or cast surface thereon. The article may have various designs cast in its outer surface in the usual manner or may be entirely devoid of any such decorative formation. As shown herein, there is a glass jar 10 of this character upon the outer surface of which has been applied a relatively heavy coating of non-transparent composition 11, the exposed surface of which has been formed into decorative patterns 12 in relief. The jar may then be studded about its outer surface with the jewels 13 or similar devices for adding to its attraction.

The process consists in first preparing a paste-like composition composed of lithopone, zinc oxide, whiting, superspectra black, lamp black and incorporating oils. The surface of the glass is first given a thorough cleansing in a benzol bath, such benzol treatment acting upon the imperforate glass surface in such a manner as to cause the composition to adhere thereto. The composition is then applied about the surface of the glass in a paste-like or plastic state in which condition its surface is molded or formed by hand to produce the desired decorative relief. It is then permitted to dry until it loses its plastic state and becomes completely hardened. Thereafter the hardened composition is hand decorated by painting or tinting the surface relief to produce the desired artistic appearance.

If desired, while the composition is in its plastic state, jewels, glass particles or other decorative devices may be applied to the surface of the article by setting the same in the plastic composition as illustrated in Fig. 2. Upon the hardening of the composition, such jewels or settings will be held firmly in place so as to form a part of the decoration.

By means of this process of decorating glassware, an unusually attractive article is made from an otherwise unattractive and inartistic glass object. This results in the production of an article which from its outer appearance gives no impression of being made from glass, it appearing to be in the nature of richly carved and studded wood or metal, while the interior has the appearance of being lined with a glass surface.

While the invention describes the application of a benzol bath for causing the material to adhere to the surface, this can also be accomplished by providing a ground surface in the glass which will give the paste-like material an opportunity to readily adhere thereto. Mention might also be made of the fact that there is a very decided contraction of the material during its drying action. In weaker or frailer types of glassware or defective glassware, such contraction has caused the collapse or breakage of the glass, while the material itself shows no signs of parting or cracking during its contraction. This has the effect of clamping or grasping the glass object about its surface as well as any jewels or the like which may be mounted therein while in its plastic state, further adding to its adhering property. While the result of the process has been herein shown and described as having the entire outer surface of the glass article covered, many articles are decorated

in this manner by having only a portion of the surface covered. It is therefore not desired that the invention be limited to any particular area of coverage.

The invention claimed is:

1. A decorated article comprising a base form, and a contracting non-transparent composition applied to the surface thereof so as to be rigidly secured thereto upon its contraction, said composition having its surface formed in artistic designs in relief.

2. A decorated article comprising a base form, a contracting non-transparent composition applied to the surface thereof so as to be rigidly secured thereto upon its contraction, said composition having its surface formed in artistic designs in relief, and a plurality of decorated jewels imbedded in said composition so as to be held therein by the contraction thereof.

3. A decorated article comprising a base form, and a contracting non-transparent composition applied to the surface thereof so as to grip said form, said composition comprising a mixture of lithopone, zinc oxide, whiting, superspectra black, lamp black and incorporating oils.

4. A decorated article comprising a base form, a contracting non-transparent composition applied to the surface thereof so as to grip said form, said composition comprising a mixture of lithopone, zinc oxide, whiting, superspectra black, lamp black and incorporating oils, and a plurality of jewels imbedded in said composition so as to be gripped therein by the contracting action thereof.

5. The process of decorating a base form, consisting in applying thereto a contracting non-transparent adhesive composition of lithopone, zinc oxide, whiting, superspectra black and incorporating oils, decoratively forming the surface of said composition while in a plastic state, and thereafter permitting the same to dry so as to contract and grip the surface of said base form.

6. The process of decorating a base form, consisting in treating the surface of said glassware with benzol, applying thereto a composition of lithopone, zinc oxide, whiting, superspectra black, lamp black and incorporating oils, decoratively forming the surface of said composition while in a plastic state, mounting jewels therein, and thereafter decorating said surface upon said composition becoming hardened.

In witness whereof, I have hereunto affixed my signature.

HARPER J. RANSBURG.