Dec. 31, 1935. J. G. THEOBALD 2,026,107

BORDER DESIGN CONSTRUCTION

Filed July 19, 1935

Fig. 1

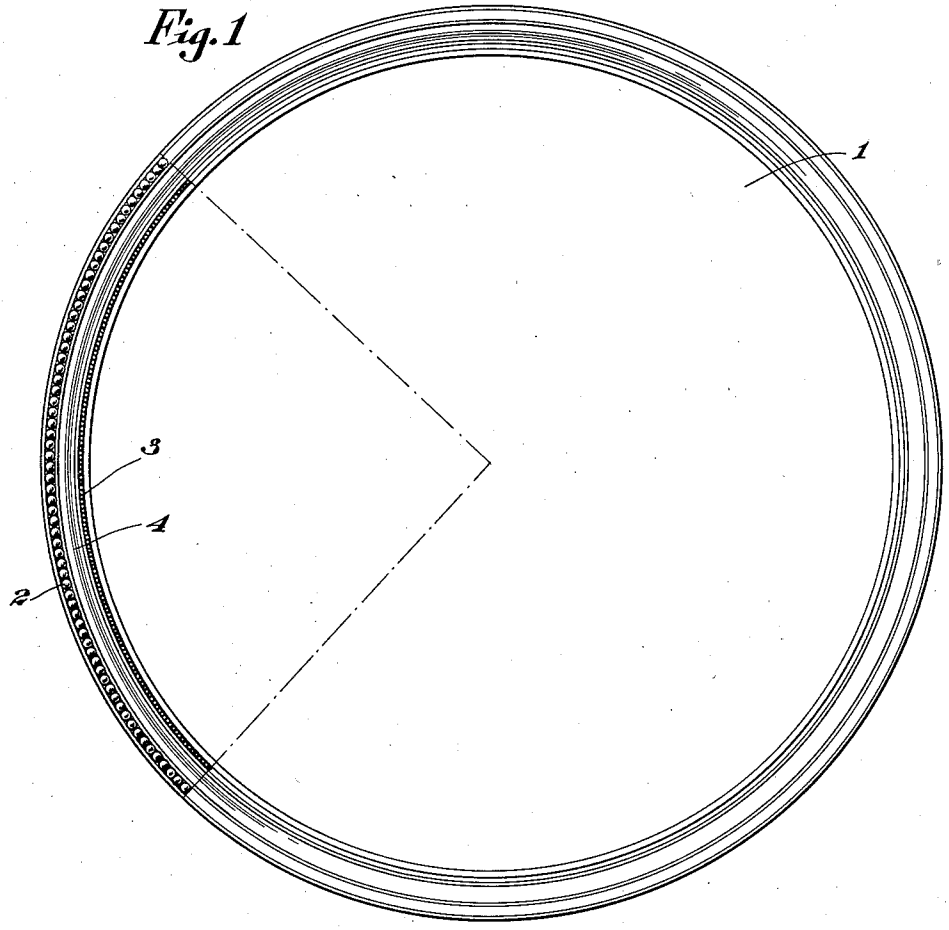


Fig. 2

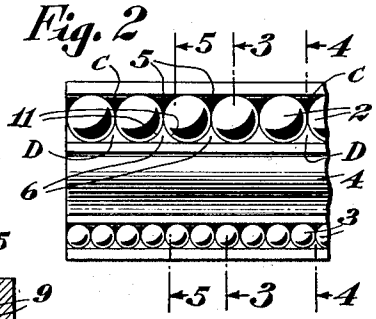


Fig. 3

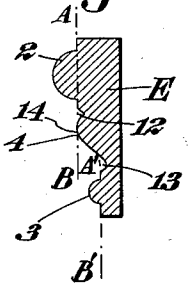


Fig. 4

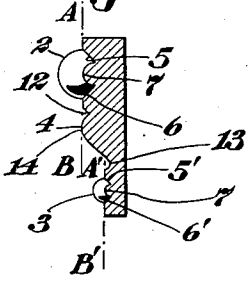
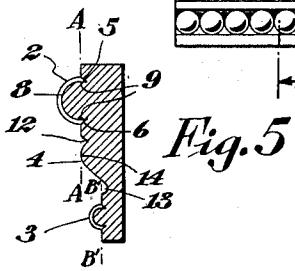


Fig. 5



INVENTOR,
Jean G. Theobald,
BY
Bartlett Eyre Scott & Heel
ATTORNEYS

Patented Dec. 31, 1935 2,026,107

UNITED STATES PATENT OFFICE

2,026,107

BORDER DESIGN CONSTRUCTION

Jean G. Theobald, Meriden, Conn., assignor to International Silver Company, Meriden, Conn., a corporation of New Jersey

Application July 19, 1935, Serial No. 32,158

9 Claims. (Cl. 41—10)

This invention relates to a border design construction for use in various articles of commerce, such for example as sandwich and aspic trays and the like and handles and fittings wherein it may be desired to incorporate the design.

One object of the invention is a border "pearl" design construction formed integrally with the article and simulating whole individual pearls mounted thereon as distinguished for example from the semi-cylindrical "pearl" designs.

A further object of the invention is a border design of the above indicated character wherein the "pearls" are mounted within a V.

A further object of the invention is a design construction of the above indicated character including two or more adjacent rows of beads and particularly such a construction wherein a surface or surfaces are formed between the rows of pearls to catch their reflection and to throw back reflected light upon the "pearls".

For a better understanding of the above indicated objects of the invention and others which will hereinafter appear, reference may be had to the accompanying drawing wherein:

Fig. 1 is a top view of an article embodying the invention;

Fig. 2 is an enlarged view of the border thereof; and

Figs. 3, 4 and 5 are sectional views on the lines 3, 4 and 5 respectively of Fig. 2.

Referring to the drawing, the invention is illustrated in the particular embodiment shown as embodied in a sandwich tray or the like 1. In this particular embodiment the border design comprises two adjacent rows of "pearl" beads or formations simulating pearls, the outer row 2 embodying beads of a larger diameter while the inner spaced row 3 embodies beads of smaller diameter. The portion 4 intermediate the two rows 2 and 3 is of a special curvature and elevation with respect to the two rows of beads 2 and 3 as to functionally co-operate therewith as will be described below.

Referring more particularly to Fig. 2 the beads 2 give the appearance of being mounted in a V groove having bottoms 5 and 6 converging in a downward direction at the desired angle. The beads 2 are formed with approximately half of their volume, namely, hemispheres, disposed above the plane indicated by the line A—B. The die for making this article is not only drilled to give the hemisphere of the beads 2 above plane A—B, but is also drilled to form the V-like groove in which the beads appear to be laid, that is recesses C and D of the depth and shape shown are formed below the plane A—B to form the opposed inclined plane surfaces 5 and 6, each pair of opposed plane surfaces being bridged at the line 4—4 by a curved surface 7 substantially of circular form, the latter surface extending up to approximately the plane A—B. The section on the line 5—5 indicates the shape of the recesses intermediate the sections on the lines 3 and 4 shown in Figs. 3 and 4, it being observed that the sides 5 and 6 of the V are here joined by a combined broken and straight line, a line 8 which is curved and a pair of straight lines 9.

The embodiment of the invention shown includes a row of smaller beads 3 which are formed and mounted at a lower elevation with respect to the plane of the larger beads 2, namely upon the plane A'—B'. These beads are formed in substantially the same manner as the beads 2 and need not be described in detail.

The V-shaped groove comprising the sides 5 and 6 for the row of beads 2 (sides 5' and 6' for the row of beads 3) presents a side in shadow against the side of the pearl bead that is in light, while the side of the groove that is in light is opposed and contrasts with the side of the pearl that is in shadow. An attempt is made in the drawing to bring out this contrast, the side 5 of the V-groove being indicated as in shadow immediately in juxtaposition to the side of the beads 2 which are in light, while the side 6 of the groove is indicated in light against the adjacent parts of the beads 2 which are in shadow. It is observed that the beads thus are caused to give the appearance of being laid in full or nearly full size into the grooves.

In the particular embodiment of the invention shown the panel 4 intermediate the two rows of beads is formed of the curvature shown which enhances the brilliancy and richness of the border design. This panel is of molding-like construction embodying a groove 12 of small depth adjacent the row of beads 2 and a groove 13 of small depth adjacent the row of beads 3 which grooves are joined by a curved surface 14 substantially tangent at one point to the plane A—B, while the groove 13 is below the plane A'—B'. With the construction shown the panel presents such surface angles to the pearl beads as to catch their reflection and to throw back reflected light into the shadow side of the pearls. Moreover, with the particular panel or molding shape shown between the rows of beads, images of both rows of pearls are formed in the panel giving the appearance of double rows of pearls, particularly

with the light striking the same in a particular direction.

I claim:

1. An ornamented article of the character set forth including a base, a row of spherical-like protuberances formed from the surface thereof, and recesses formed on the opposite sides of the protuberances and on the opposite sides of a center line passing through protuberances, said recesses embodying converging plane or V sides.

2. A construction of the character set forth in claim 1 wherein the recesses at planes tangent to the adjacent protuberances are bridged by a semi-circular path.

3. A construction of the character set forth in claim 1 wherein the recesses at planes tangent to the adjacent protuberances are bridged by a semi-circular path and at intermediate planes are bridged by a circular projection and by a pair of straight line projections.

4. An ornamented article of the character set forth including a base, a row of spherical-like protuberances formed from the surface thereof, and recesses formed on the opposite sides of the protuberances formed on the opposite sides of a center line passing through protuberances, said recesses embodying converging plane or V sides and a second similarly constructed row of protuberances spaced from the first row of protuberances.

5. In a construction of the character set forth in claim 4 wherein the second row of protuberances is of smaller dimensions than the first row.

6. In a construction of the character set forth in claim 4 wherein the second row of protuberances is of smaller dimensions than the first row and is disposed at a lower level.

7. In a construction of the character set forth in claim 4 wherein a panel molding-like structure is disposed between the two rows of beads.

8. In a construction of the character set forth in claim 4 wherein the surface intermediate the two rows of protuberances is formed in a manner to cause reflections back and forth between the surface and the beads.

9. In a construction of the character set forth in claim 4 wherein the second row of protuberances is of smaller dimensions than the first row and is disposed at a lower elevation with respect thereto with a curved panel-like structure between the two rows causing light reflections between the surface and the rows and in which surface images of the rows of pearls are formed.

JEAN G. THEOBALD.