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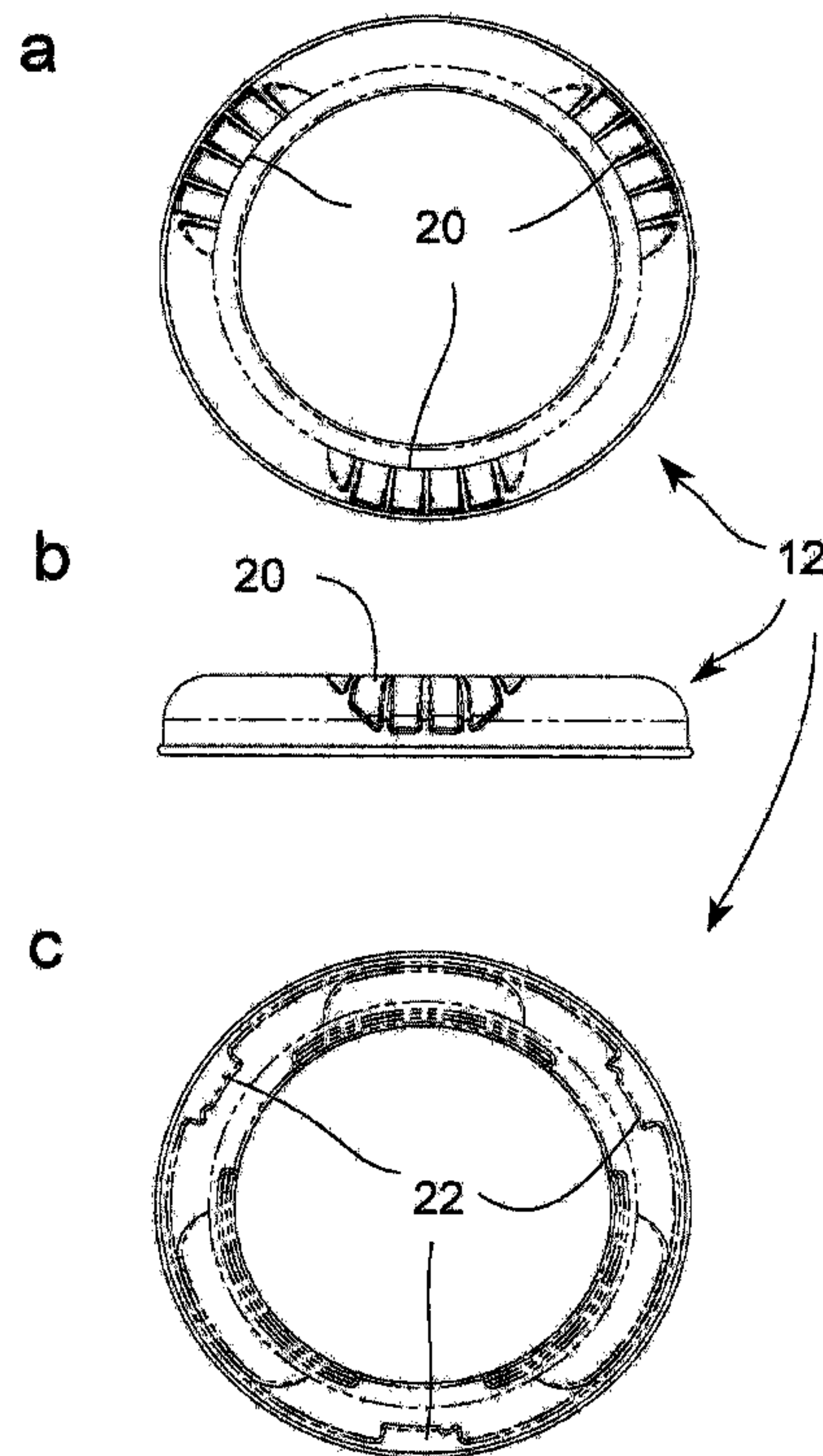
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(54) Title: SOAP HOLDING DEVICE



(57) Abrégé/Abstract:

A soap holding device, besides fixedly holding a cake of soap, allows it to dry rapidly by draining off the water, thus obviating the possibility of a portion of the soap cake getting soft due to contact with moisture.



## **ABSTRACT**

A soap holding device, besides fixedly holding a cake of soap, allows it to dry rapidly by draining off the water, thus obviating the possibility of a portion of the soap cake getting soft due to contact with moisture.

## **SOAP HOLDING DEVICE**

### **FIELD OF INVENTION**

The present invention relates to the field of soap holding devices and particularly concerned with a wall mounted soap holding device.

### **BACKGROUND OF THE INVENTION**

The invention hereinafter disclosed relates to a wall mounted device used to hold a cake of soap for hand washing, bath or shower use.

The soft slimy outer part of a soap cake which has been soften by wetting is highly unpleasant to many people. The prior art teaches the use of impregnated magnets into a soap cake to hold it in place on steel enameled wash basins or baths, or the use of a mechanical means such as a rod passing through a soap cake in order to connect it to a wall mounted support. There are of course liquid soap held in containers affixed to a surface such as a wall.

## **SUMMARY OF THE INVENTION**

The soap holding device of this instant invention, besides fixedly holding a cake of soap, allows it to dry rapidly by draining off the water, thus obviating the possibility of a portion of the soap cake getting soft due to contact with moisture.

It is therefore an object of the present invention to provide a soap holding device which prevents waste due to softening of a soap cake. Indeed, once installed on the soap holding device, the soap cake is not in contact with any wet surface. That characteristic of the present invention involves savings comparatively to conventional soap cakes.

It is another object of the present invention to provide a soap holding device which allows to use only one hand to hold a washcloth and to put some soap on it. This advantage of the present invention is really important, for example, when washing a baby or for elderly people with limited mobility.

It is another object of the present invention to provide a soap holding device which has a quick release to replace a finished cake with a new one thus keeping the same soap holding device.

It is still another object of the present invention to provide a soap holding device which includes adhesive surfaces at its bottom part to allow to fix it, for example, on a vertical wall like in a shower stall or in a sink or a bathtub.

It is a further object of the present invention to provide a soap holding device which compact, neat and attractive.

It is still a further object of the present invention to provide a soap holding device which will conform to convenient forms of manufacturing, be of simple construction and easy to use, as to provide a soap holding device which will be economically feasible, long lasting and relatively trouble free in operation.

It is still a further object of the present invention to provide a soap holding device which has special openings to drain off water to have to soap cake dry more quickly.

In order to do so, the soap holding device has a custom designed soap configured and shaped to fit within a container having an adhesive band to be permanently affixed to a surface, furthermore, the soap holding device has a self guiding retaining ring that helps reposition the soap cake and the retaining ring when installing a new soap cake which increases its ease of use.

The foregoing and other objects, features, and advantages of this invention will become more readily apparent from the following detailed description of a preferred embodiment with reference to the accompanying drawings, wherein the preferred embodiment of the invention is shown and described, by way of examples. As will be realized, the invention is capable of other and different embodiments, and its several details are capable of modifications in various obvious respects, all without departing from the invention. Accordingly, the drawings and description are to be regarded as illustrative in nature, and not as restrictive.

## **BRIEF DESCRIPTION OF THE DRAWINGS**

**FIG. 1** Exploded view of the components of the soap holding device including a custom shaped cake of soap , illustrates various components part of a soap holding device in accordance with an embodiment of the present invention.

**FIG. 2** Perspective view of the soap holding device with the cake of soap.

**FIGS. 3abc** Top, side and bottom views of the bottom part respectively.

**FIGS. 4abc** Top, side and bottom views of the retaining ring respectively.

**FIGS. 5abc** Top view of retaining ring in **a** with indication for the cross cutaway views in **b** and **c**.

## DETAILED DESCRIPTION

**Fig. 1** A soap holding device (10) has a retaining ring (12) to retain a cake of custom shaped soap (14) within a bottom seat (16). Underneath that bottom seat (16) is an adhesive disc (18) of the peel off type, well known in the art. The adhesive disc comes pre-glued underneath the bottom seat (14) with the peel off for when installing the soap holding device (10) for the first time.

**Fig. 2** When using the soap holding device (10), excess water is drained through gateways (20) disposed around the periphery of the retaining ring (12) which encompasses the bottom seat (16).

**Figs 3 and 4** Turning the retaining ring (12) slightly, disengages the notches (22) of the retaining ring (12) from the complementary notches (24) from the bottom seat (16). Various configurations of notches (22) and complementary notches (24) properly configured and sized are suitable, all within the scope of this invention. Once the retaining ring (12) is removed, a used up cake of custom soap (14) is removed to be replaced by a new one and the retaining ring (12), which has a profile designed to be self-guiding by the narrowing of its periphery, funnels in onto the bottom part's complementary notches (24) to be retained by the bottom part (16), as can be seen in **Figs. 5abc.**

## **CLAIMS**

1. A soap holding device comprising:

a retaining ring to retain a cake of custom shaped soap within a bottom seat;  
underneath said bottom seat is an adhesive disc of the peel off type;

said adhesive disc being pre-glued underneath said bottom seat;

releasably connecting means to releasably attach said retaining ring to said bottom seat.

2. A soap holding device as in claim 1 wherein:

said releasably connecting means take on the form of notches and complementary notches.

3. A soap holding device as in claim 1 further comprising:

gateways disposed around the periphery of said retaining ring to evacuate liquids;

4. A soap holding device as in claim 1 further comprising:

a narrowing periphery to funnel in onto said complementary notches of said bottom part.

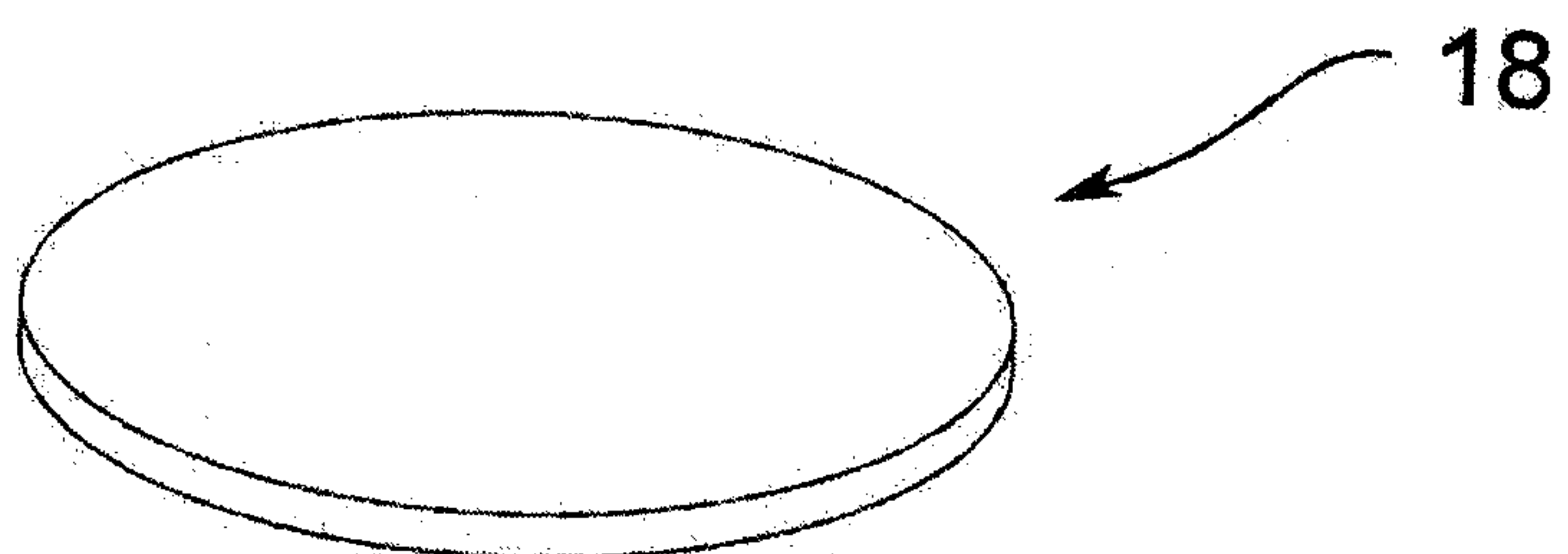
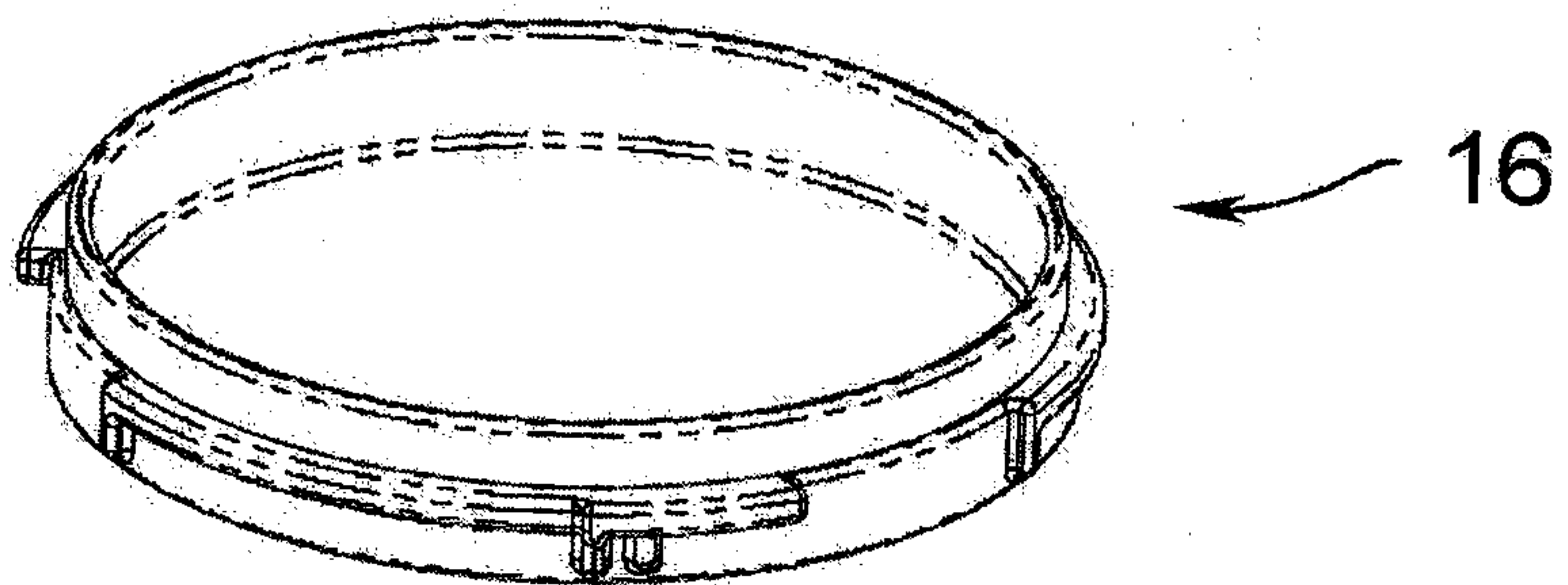
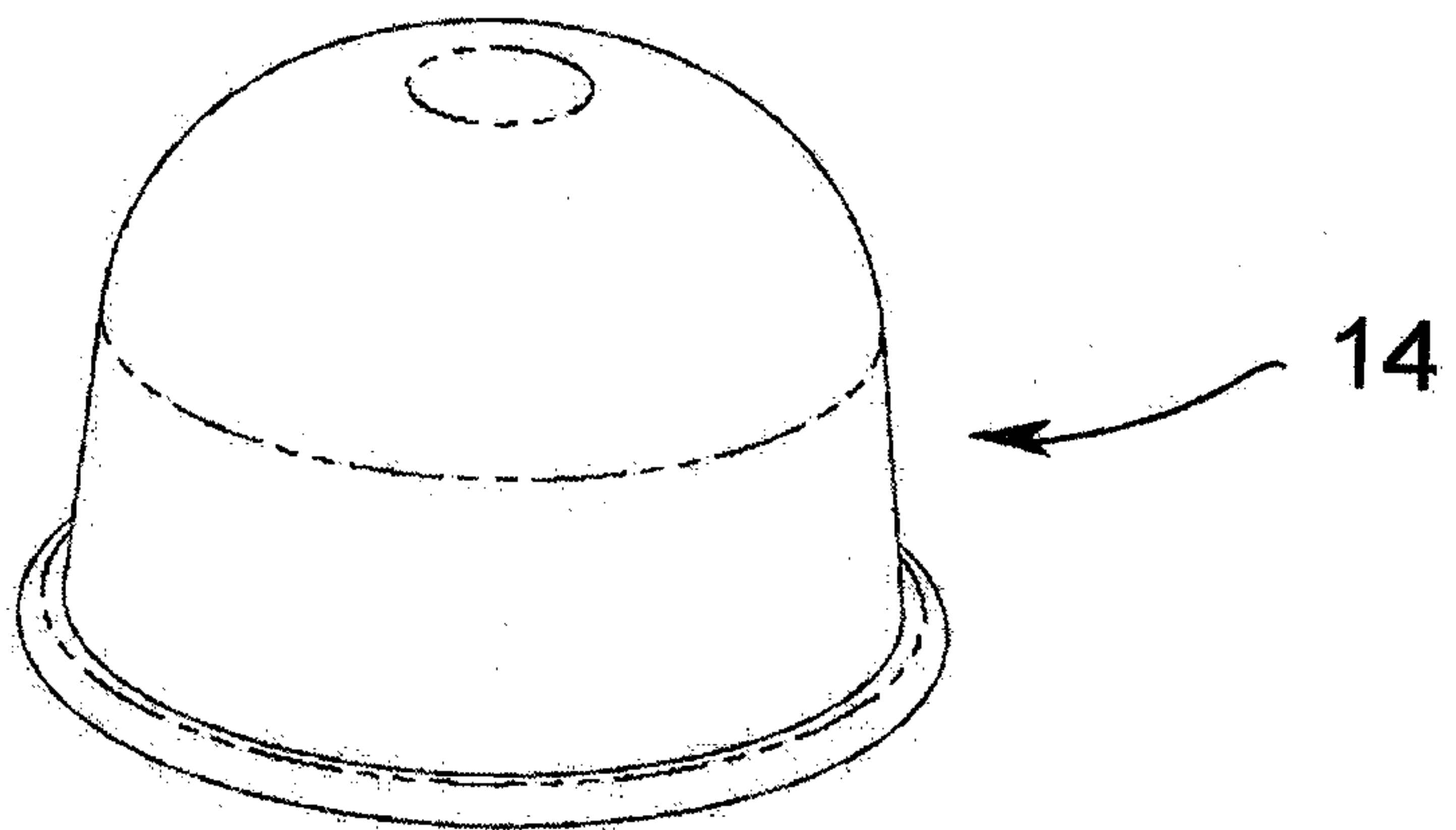
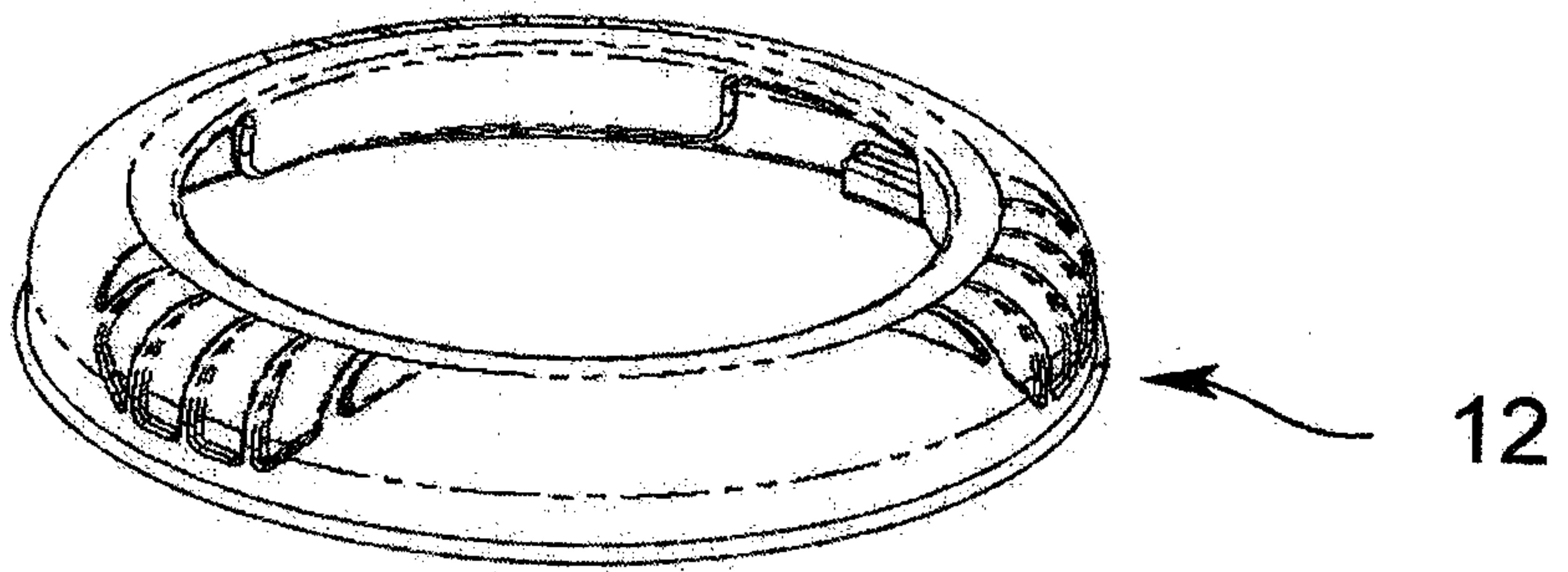
5. A method of replacement of a cake of custom shaped soap from a soap holding device comprising the steps of:

turning a retaining ring slightly to disengage notches on said retaining ring from complementary notches on a bottom seat;

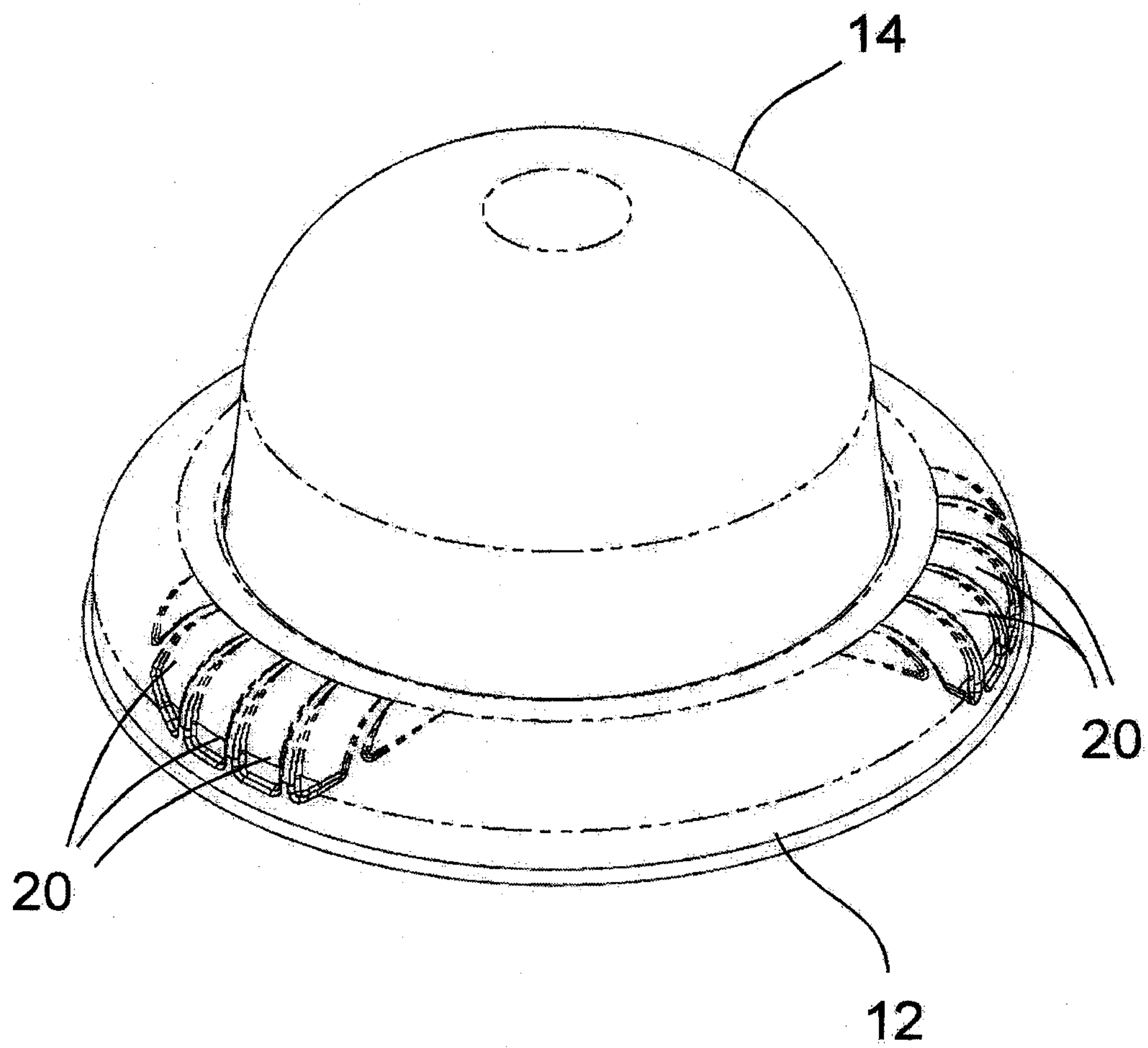
once said retaining ring is removed from said bottom seat, a custom soap, generally but not necessarily used up, is removed to be replaced by another cake of custom soap;

and said retaining ring, which has a profile designed to be self-guiding by the narrowing of its periphery, funnels in onto said bottom part's said complementary notches.

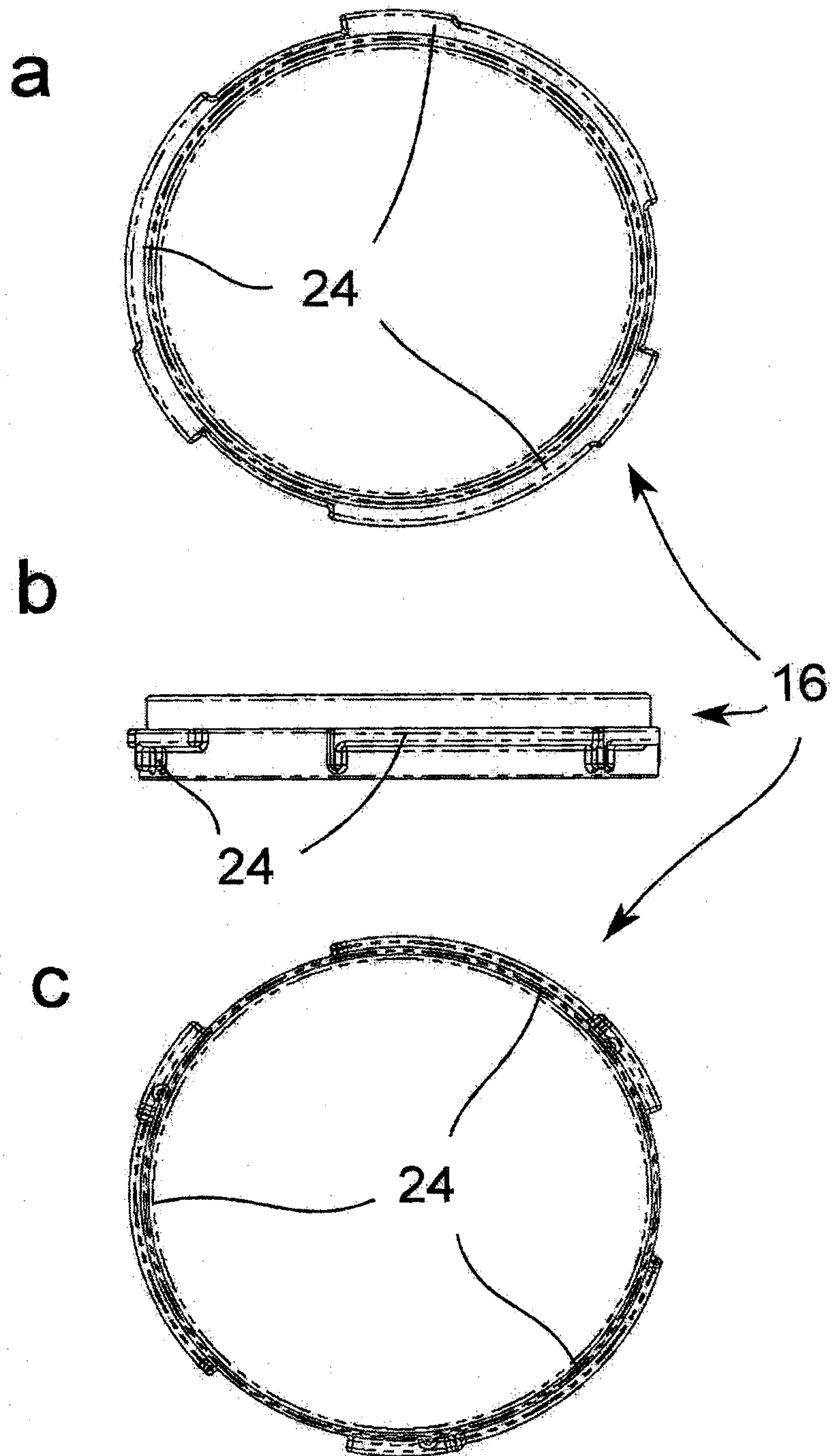
**FIG. 1**



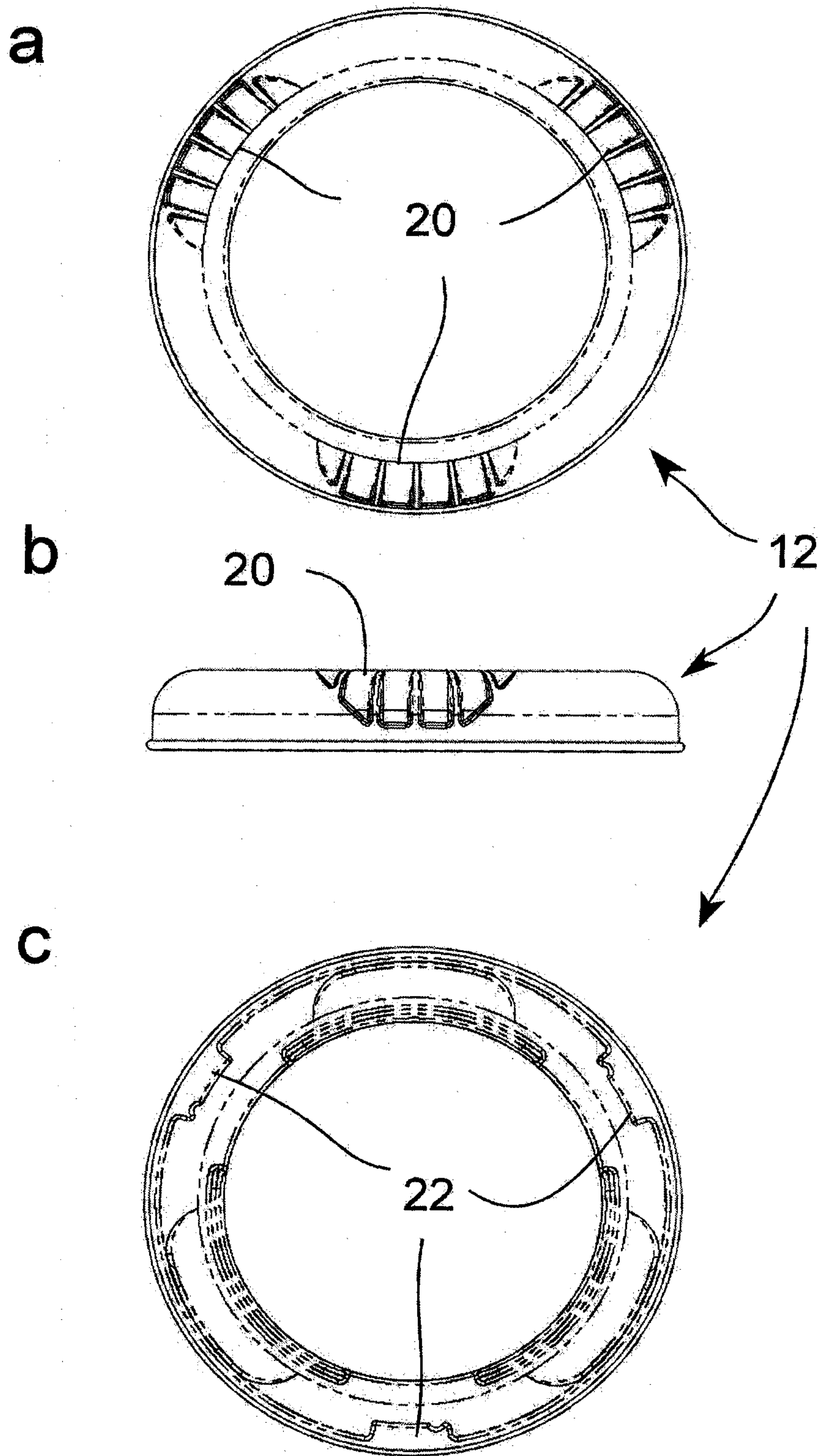
**FIG. 2**



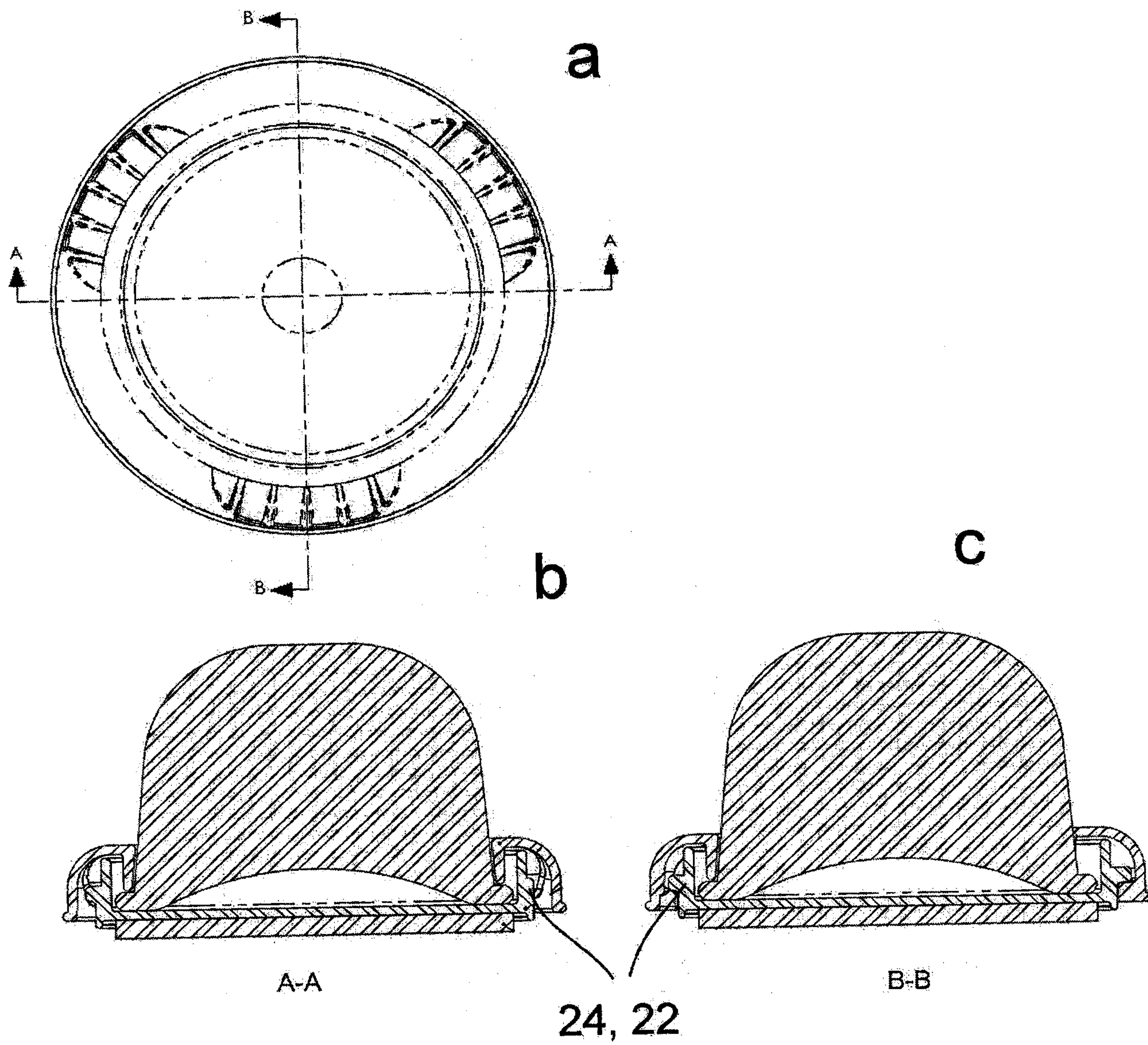
**FIG. 3**



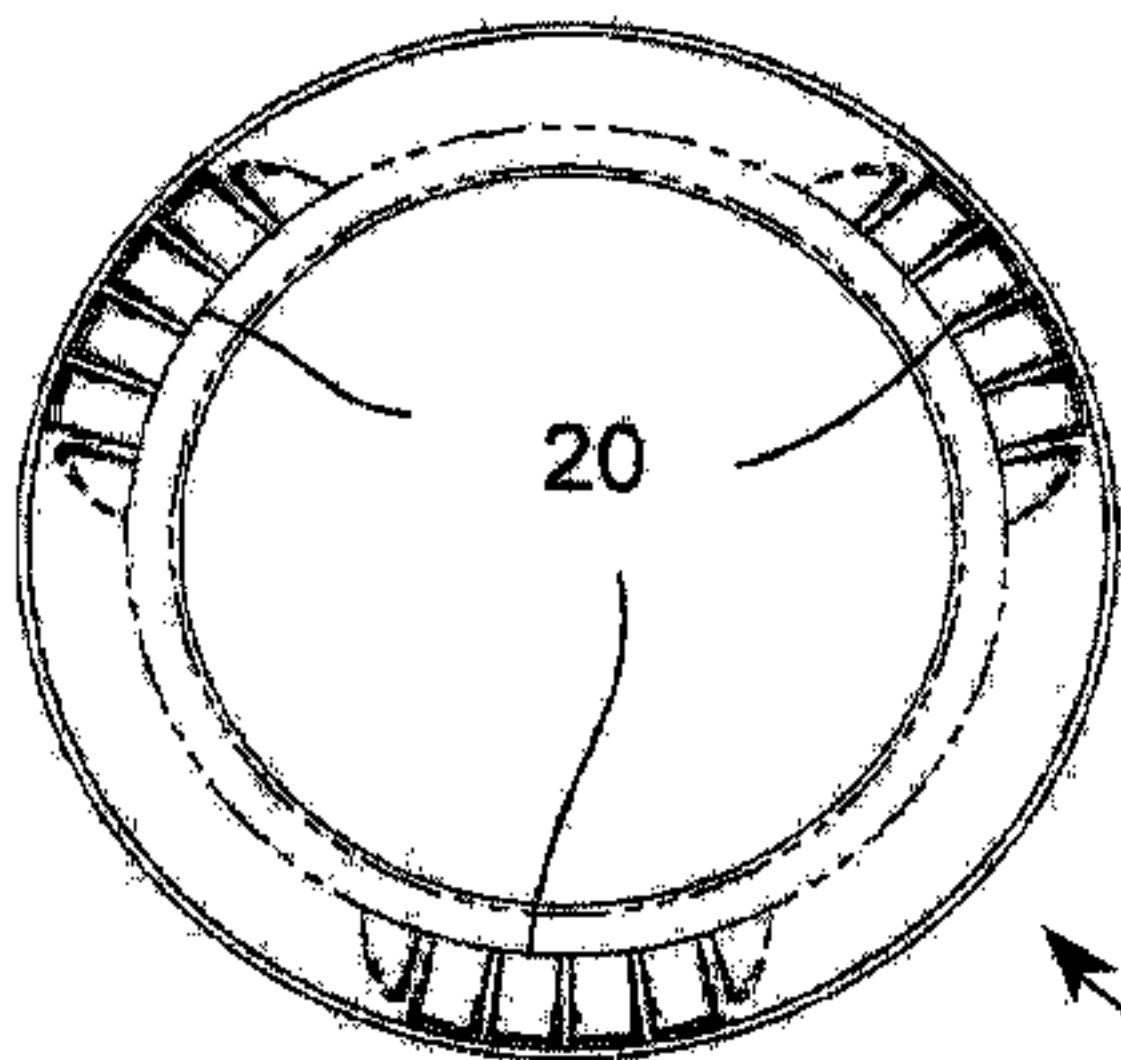
**FIG. 4**



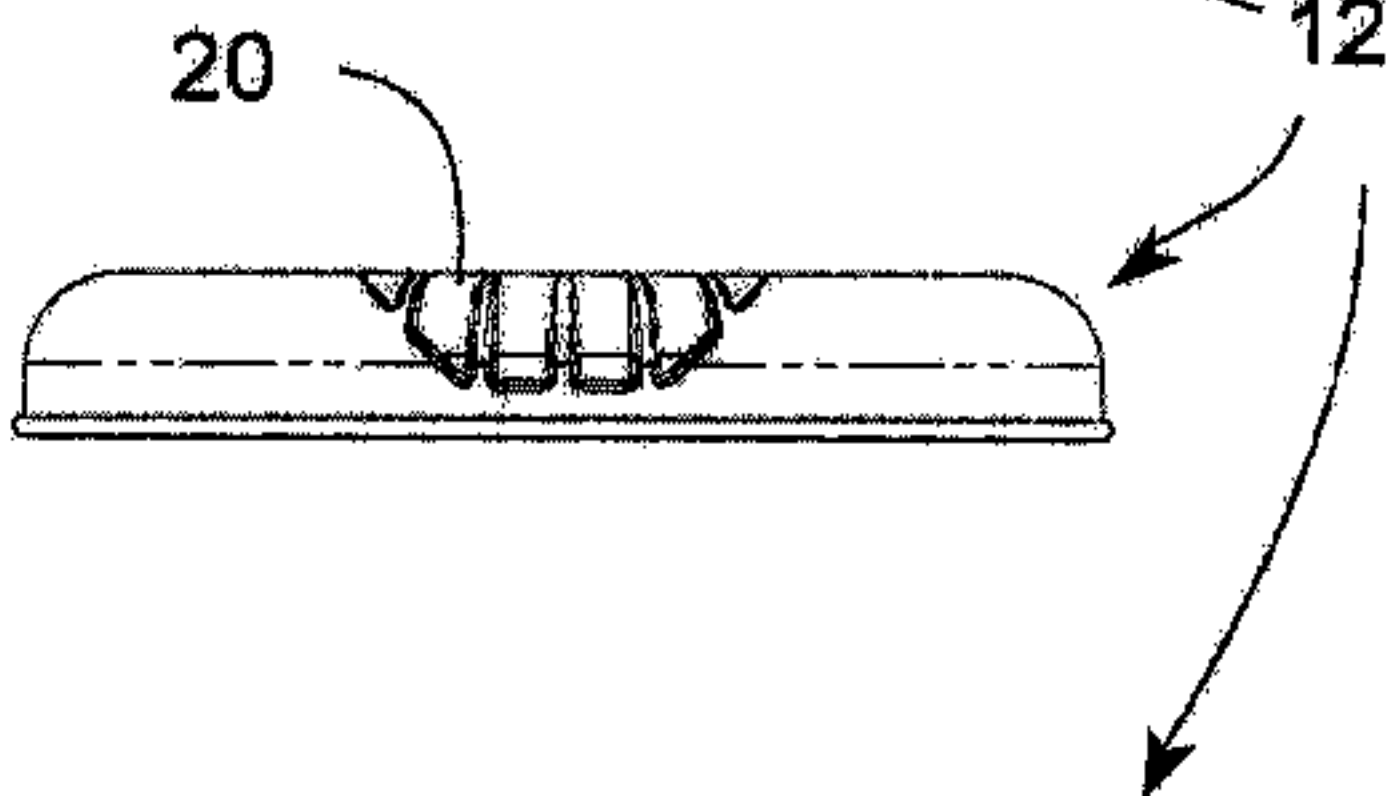
**FIG. 5**



**a**



**b**



**c**

