Dec. 22, 1959 B. K. TODD 2,918,188

CONTAINER CONSTRUCTION

Filed March 7, 1957

Fig. 1

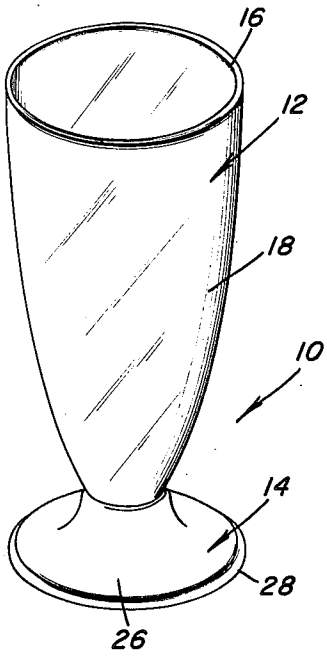
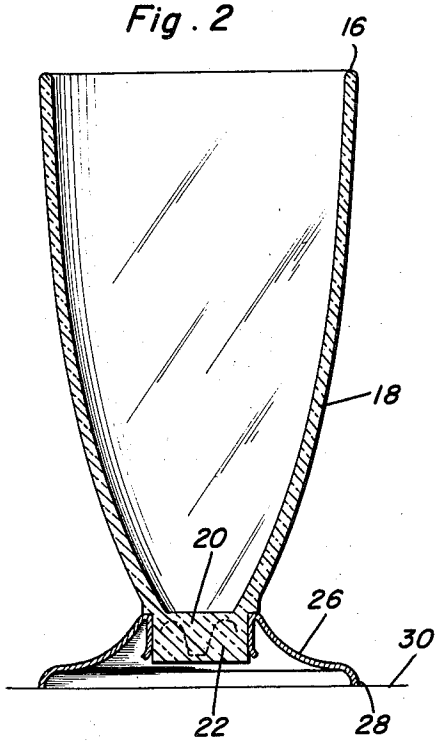


Fig. 2



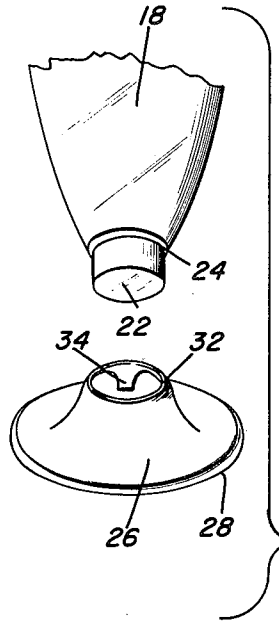


Fig. 4

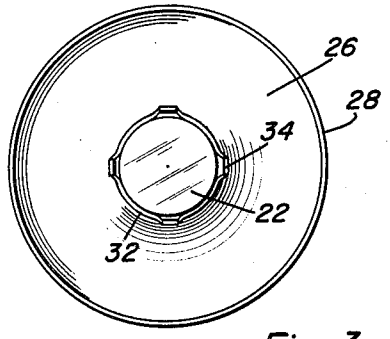


Fig. 3

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CONTAINER CONSTRUCTION

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1 Claim. (Cl. 215—99.5)

The present invention generally relates to a container construction and more particularly to a drinking glass having a removable base attached thereto.

An object of the present invention is to provide a container construction including a receptacle of glass having a removable base frictionally and detachably connected thereto whereby the container construction is adapted for use in the packaging of edible products, such as jellies, peanut butter, jams and the like, with the base being of a material which contrasts with the material of the container itself, thus providing a certain amount of eye appeal to the customer. Also, the glass receptacle and the removable base thereof are constructed in such a manner that they readily lend themselves to mass production manufacturing procedures and also lend themselves readily to partial nesting for shipping purposes.

Another object of the present invention is to provide a container construction including a glass receptacle having a downwardly extending, cylindrical stud on the bottom end thereof together with a removable base having a socket with a plurality of resilient prongs resiliently and frictionally engaging the stud, whereby the glass receptacle will be detachably connected with the base.

Other objects of the present invention will reside in its simplicity of construction, ease of assembly and disassembly, adaptation for its particular purposes, its ease of manufacture and its relatively inexpensive manufacturing cost.

Referring now specifically to the drawings,

Figure 1 is a perspective view of the container construction of the present invention;

Figure 2 is a vertical sectional view taken substantially upon a plane passing through the center of the container construction of Figure 1;

Figure 3 is a bottom plan view of the construction of Figure 1; and

Figure 4 is a partial perspective view illustrating the relationship between the glass receptacle and the base therefor.

Referring now specifically to the drawings, the numeral **10** generally designates the container construction of the present invention, with the numeral **12** designating a glass receptacle and the numeral **14** generally designating a base therefor. The base **14** may be constructed of metal or plastic and is in contrast to the glass receptacle **12**. As an example, the base **14** may be chrome plated or constructed of other polished metallic material for providing eye appeal to the container construction.

The glass receptacle **12** includes an open upper end **16** and a downwardly and inwardly curving main body portion **18** terminating in a generally flat bottom **20** of reduced area in relation to the area of the open end **16**. The bottom **20** is provided with a downwardly extending cylindrical projection **22**, with the juncture between the main body **18** and the depending stud or projection **22** forming an annular shoulder **24**.

The base **14** includes a generally hollow, bell-shaped body **26** having a depending curved flange **28** forming the outer edge thereof for engagement with a supporting surface **30**. The center portion of the body **26** extends upwardly and curves in a concave manner and terminates in an inwardly rolled edge **32** of a central opening. The inwardly rolled edge **32** is provided with a plurality of downwardly extending tangs or teeth **34** which extend slightly inwardly of the diameter of the opening defined by the inwardly rolled edge **32** for resiliently gripping the stud or projection **22** on the glass receptacle **18**. The base **14** has been illustrated with four depending teeth or tangs **34**, but it is pointed out that the number of these gripping teeth or tangs **34** may be varied, with the number preferably ranging between four and eight.

In the manufacture of the glass receptacle **18**, it is pointed out that due to the particular construction thereof that the entire glass receptacle **18** may be molded in such a manner that it is unnecessary to separate the mold when removing the glass receptacle, inasmuch as it is only necessary to pull the receptacle out of and away from the mold, thus increasing the production rate by eliminating the time necessary to separate and reassemble the mold. Also, the glass receptacles, as well as the base members, may be partially nested for shipping purposes.

The foregoing is considered as illustrative only of the principles of the invention. Further, since numerous modifications and changes will readily occur to those skilled in the art, it is not desired to limit the invention to the exact construction and operation shown and described, and accordingly, all suitable modifications and equivalents may be resorted to, falling within the scope of the invention as claimed.

What is claimed as new is as follows:

A container comprising a one-piece rigid receptacle having an open upper end of circular configuration with the peripheral wall curving inwardly and downwardly thereby defining a semi-elliptical shape with the lower end of the receptacle being closed, a cylindrical stud projecting downwardly from the lower end of receptacle and of the same material as the receptacle with the surface thereof being substantially smooth, the juncture between the stud and the receptacle defining a downwardly facing annular shoulder, a one-piece base member detachably connected to the lower end of the receptacle, said base member including a hollow, generally bell-shaped body having a smooth and continuous upper surface and including a depending curved flange forming the outer edge thereof for engagement with a supporting surface, the central portion of the body curving upwardly and having a central opening defined by an inwardly rolled edge, a plurality of straight resilient tangs of substantial length extending downwardly substantially parallel to the axis of said cylindrical stud integral with the inwardly rolled edge for telescopically receiving and frictionally and slidably gripping the surface of the stud on the receptacle thereby detachably interconnecting the receptacle and base member with the shoulder on the receptacle resting on the inwardly rolled edge of the opening thereby defining a smooth line of juncture between the base member and receptacle, the shape of the receptacle providing for nesting with other receptacles during shipment or storage when empty and facilitating drawing of the mold away from the receptacle.

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