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DISPENSING CONTAINER

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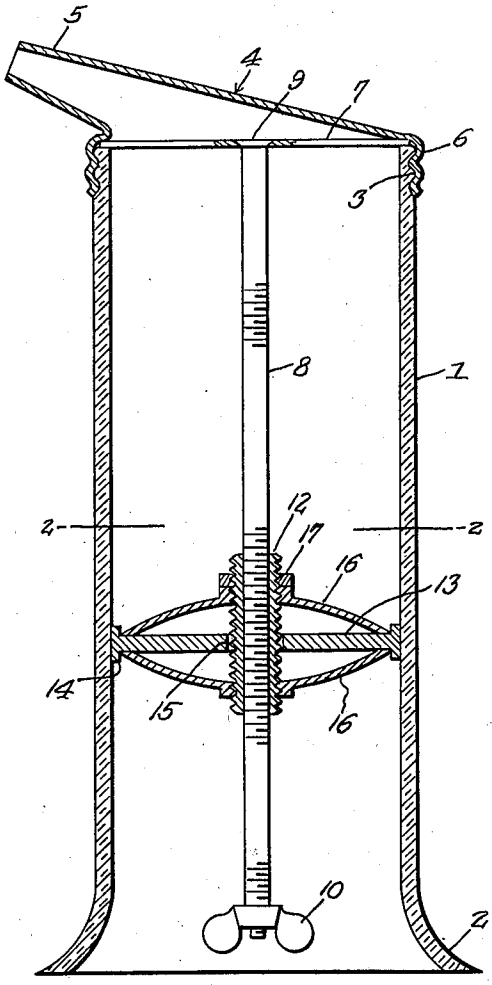


Fig. 1

Fig. 3.

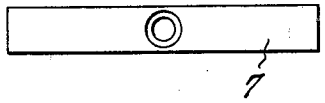
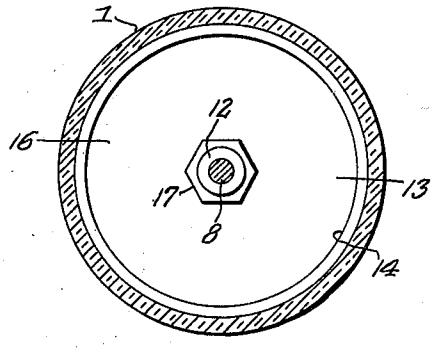


Fig. 2.



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DISPENSING CONTAINER

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2 Claims. (Cl. 221—79)

Our invention relates to improvements in dispensing containers, or servers, for use more particularly in serving condiments such as salad dressing, made mustard, and other relishes not adapted for pouring.

The invention is designed with the particular purpose in view of providing a simply constructed, inexpensive device of the character above identified and which is equipped with a laterally extending pouring spout and manipulative means for ejecting small or large quantities of the contents of the container therefrom as desired.

Another object is to provide a device of the character and for the purpose above set forth adapted to be quickly and easily taken apart for cleaning purposes so that it may be readily kept in a sanitary condition.

To the accomplishment of the above, and subordinate objects presently appearing, a preferred embodiment of our invention has been illustrated in the accompanying drawing, set forth in detail in the following description, and defined in the claims appended hereto.

In said drawing:—

Figure 1 is a view in vertical longitudinal section of a dispensing container embodying our improvements,

Figure 2 is a view in transverse section taken on the line 2—2 of Figure 1 looking in the direction indicated by the arrows, and

Figure 3 is a view in top plan of the supporting bar for the screw shaft.

Describing the invention in detail, with reference to the drawing by numerals, the container comprises a cylindrical receptacle 1 preferably of glass, having a lower outwardly flared end 2 forming a base and an upper externally threaded end 3. The upper end is closed by a closure member 4 including a spout 5 extending laterally and obliquely from the receptacle 1 and a skirt part 6 threaded onto said end 3. Interposed between the closure member 4 and said end 3 of the receptacle 1 is a supporting bar 7 extending diametrically of the receptacle 1 and having its opposite ends clamped against said end 3 by the member 4. The bar 7 supports a threaded shaft 8 extending therefrom axially of the receptacle 1 and terminating short of the end 2 of said receptacle, said shaft having a bevelled upper end 9 rotatably mounted in said bar and a wing nut 10 threaded onto the opposite end thereof against a shoulder 11 provided on said shaft. The shaft 8 has threaded thereon an externally threaded sleeve 12 adapted to be fed along said shaft by turning of the latter under manipulation of the wing nut 10.

Secured to the sleeve 12, centrally thereof, is a disk-like plunger, or piston, 13 of rubber or other flexible resilient material, having a peripheral rim 14 extending on both sides thereof and adapted to fit snugly against the inner wall of the receptacle 1 and an axial aperture 15 through which the sleeve 12 extends. The plunger 13 is secured to the sleeve 12 by means of a pair of concavo-convex disks 16 of thin resilient metal, such as aluminum, threaded onto said sleeve on opposite sides of the plunger 13 in clamping relation to the latter and having their edges fitted snugly against the inner side of the rim 14 whereby said rim is held against the inner wall of said receptacle. A lock nut 17 threaded onto one end of the sleeve 12 against one disk 16 serves to maintain said disks in clamping relation to said plunger.

The receptacle 1 is designed to be filled through the upper end 3 thereof, the closure 4 being removable for such purposes. As will be manifest under rotation of the shaft 8 in the proper direction, the plunger 13 may be fed along said shaft to expel the contents of the receptacle through the spout 9 in large or small quantities as desired.

By screwing the disks toward each other the rim 14 of plunger 13 may be stretched against the inner wall of the receptacle 1 to retain the proper frictional engagement and take up wear on said plunger. The device may be easily taken apart by removing the closure member 4, pulling the shaft 8 and parts carried thereby out of the receptacle 1, using the bar 7 as a handle, then detaching the wing nut 10, running the sleeve 12 together with the plunger 13 and disks 16 off said shaft and subsequently detaching the disks 16 from said plunger. As will be seen, under the procedure explained, all parts of the device may be quickly and easily disassembled for cleaning, replacement, or storing when desired.

The foregoing will, it is believed, suffice to impart a clear understanding of the construction and utility of our invention.

Manifestly the invention, as described, is susceptible of modification without departing from the inventive concept and right is herein reserved to such modifications as fall within the scope of the subjoined claims.

What we claim is:—

1. A dispensing container comprising a cylindrical receptacle having a closure member threaded onto one end thereof including a laterally extending spout, a cross bar clamped to said end

of the receptacle diametrically thereof by said closure member, a screw shaft extending from said bar into the receptacle axially thereof and having an outwardly flared end rotatably mounted in said bar, and a wing nut on its opposite end for rotating the shaft, a disk-like plunger of resilient flexible material slidably fitting in said receptacle and axially apertured, and means connecting the plunger to the shaft for movement along the receptacle under rotation of the shaft comprising a sleeve threaded onto the shaft and extending through said aperture in the plunger, and a pair of concavo-convex disks of resilient metal threaded onto the sleeve on opposite sides of the plunger, respectively, for adjustment relative to said sides thereof to clampingly engage the plunger therebetween.

2. A dispensing container comprising a cylindrical receptacle having a closure member threaded onto one end thereof including a laterally extending spout, a cross bar clamped to said end of the receptacle diametrically thereof by said closure member, a screw shaft extending from said bar into the receptacle axially thereof and having an outwardly flared end rotatably mounted in said bar, and a wing nut on its opposite end for rotating the shaft, a disk-like plunger of resilient flexible material slidably fitting in said receptacle and axially apertured, and means connecting the plunger to the shaft for movement along the receptacle under rotation of the shaft comprising a sleeve threaded onto the shaft and extending through said aperture in the plunger, and a pair of concavo-convex disks of resilient metal threaded onto the sleeve on opposite sides of the plunger, respectively, for adjustment relative to said sides thereof to clampingly engage the plunger therebetween, said plunger having a peripheral rim extending on both sides thereof, and said disks fitting against said rim whereby under adjustment of the disks said rim may be stretched against the inner wall of the receptacle.

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