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H. BOIARDI

1,875,412

RECEPTACLE

Filed March 27, 1931

Fig. 1.

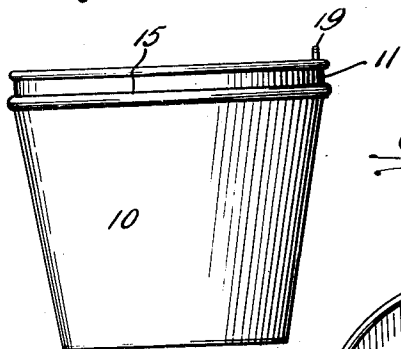


Fig. 3.

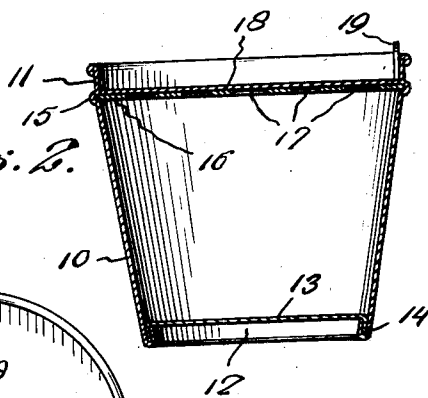


Fig. 2.

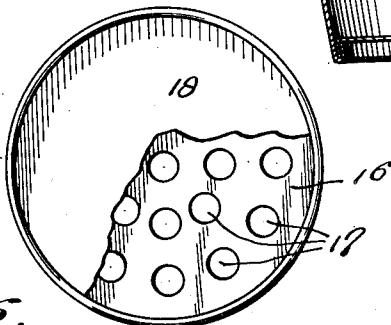


Fig. 5.

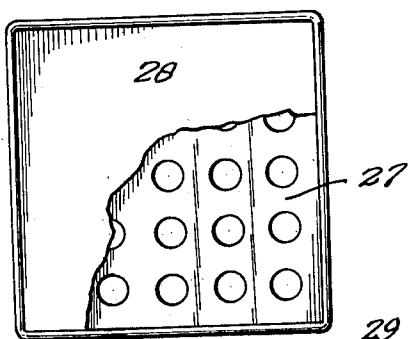


Fig. 4.

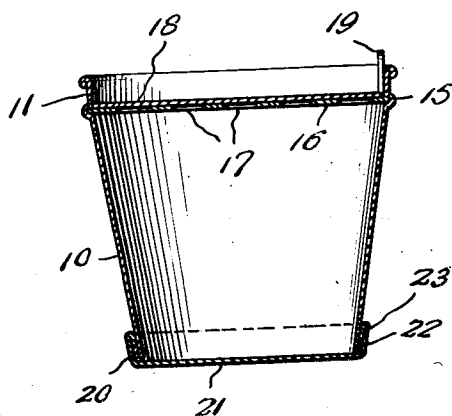
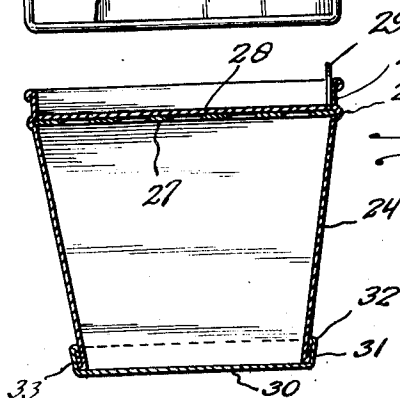


Fig. 6.



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RECEPTACLE

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The present invention relates to receptacles, and more particularly to a paper receptacle especially constructed to permit of its contents being shaken therefrom for use when desired.

The invention aims to provide a receptacle admirably adapted to contain grated cheese, and characterized by a novel closure construction, through which the contents may be shaken for use.

In carrying out the invention, I provide a perforated closure element which is held immovable within the receptacle, and a removable imperforate closure element frictionally held within the receptacle above the perforated element.

Another object of the invention resides in the provision of a receptacle of the above-mentioned character having a novel bottom construction.

The nature and advantages of the invention will be better understood when the following detail description is read in connection with the accompanying drawing, the invention residing in the construction, combination and arrangement of parts as claimed.

In the drawing forming part of this application like numerals of reference indicate similar parts in the several views and wherein:

Figure 1 is a view in elevation of one embodiment of the invention.

Figure 2 is a plan view with the imperforate closure element partly broken away.

Figure 3 is a vertical sectional view through the receptacle constructed in accordance with the preferred embodiment of the invention.

Figure 4 is a similar view of a modified construction.

Figure 5 is a plan view with the imperforate closure element partly broken away, and illustrating another modification of the invention.

Figure 6 is a vertical sectional view through the receptacle illustrated in Figure 5.

The receptacle forming the subject matter of the present invention may of course be constructed from any suitable material, preferably paper, and may also vary in size and

shape without departing from the inventive idea. In Figures 1 to 3 inclusive I have illustrated the preferred embodiment of the invention, wherein the receptacle includes a tapered body portion 10, but is characterized by a straight portion 11 adjacent its upper or open end. In this form of the invention the receptacle is of cylindrical contour in cross section, but the straight portion 11 is of uniform diameter. The lower or bottom edge of the body portion 10 is folded inwardly to provide a flange 12, while the bottom 13 is characterized by a depending flange 14 which is adapted to be arranged between the flange 12 and the body of the receptacle as clearly illustrated in Figure 3. The receptacle is further characterized by an internal annular groove 15 located at the point of juncture between the tapered body portion 10 and the straight portion 11, and which groove is used for the purpose to be presently described.

The receptacle is provided with a closure element 16 which is perforated as at 17, and in this form of the invention the element 16 is of disk-like formation and of a size to be snugly fitted within the groove 15, so that the closure element 16 when placed in position within the receptacle is held fixed relatively thereto. As above stated the contents of the receptacle are adapted to be shaken through the perforations 17 for use as desired, and by reason of the construction herein illustrated, the receptacle can be used in the manner intended, without any possibility of the closure element 16 becoming casually separated from the receptacle under such conditions. The receptacle further includes a removable imperforate closure element 18 which is adapted to repose upon the closure element 16, and is frictionally held associated with the receptacle by the straight wall or portion 11 of the receptacle. The closure element 18 is characterized by a finger engaging tab 19 by means of which the closure 18 can be quickly and conveniently removed from the receptacle as the occasion may require.

In Figure 4 I have illustrated a modified form of the invention, which is exactly the

same as the preferred form hereinabove described, with the exception of the bottom construction of the receptacle. In this form of the invention, the lower edge portion of the body 10 is folded outwardly against itself to provide an annular flange 20, while the bottom 21 has its annular wall 22 folded inwardly and downwardly to provide a flange 23. In this form of the invention, the receptacle is filled from the bottom, that is through the lower end thereof with the bottom 21 removed. Subsequently, the bottom 21 is forced over the lower edge of the receptacle 10, slightly distending the annular wall 22, until after the flange 23 thereof passes beyond the flange 20 of the receptacle, at which time the wall 22 resumes its normal position with respect to the bottom 21, but under which conditions the flange 23 reposes upon and engages the adjacent edge of the flange 20 as clearly illustrated in Figure 4. Consequently the bottom 21 after being associated with the receptacle is held immovably connected therewith.

In Figures 5 and 6 I have illustrated a receptacle of the same general construction except that the receptacle in this form of the invention is preferably of rectangular contour in plan, and includes a tapered body portion 24 and a straight portion 25 adjacent its upper end. The receptacle is also characterized by an internal groove 26 located at the point of juncture between the portions 24 and 25 respectively and which groove is adapted to receive the perforated closure element 27 in a manner to hold the element fixed relatively to the receptacle when the parts are associated. An imperforate closure element 28 reposes upon the closure element 27 and is held frictionally associated with the receptacle by the straight portion 25 thereof. 29 indicates the tab forming part of the removable closure element 28, so that the latter can be quickly separated from the receptacle when desired. In this form of the invention the bottom 30 may be constructed either as illustrated or in accordance with the disclosure of Figure 3. As illustrated, the bottom 30 includes an annular wall 31 folded inwardly upon itself to provide a flange 32 adapted to repose upon and engage the adjacent edge of the external flange 33 of the receptacle. In other words the bottom 30 is constructed similar to the disclosure illustrated in Figure 4, in that the receptacle 24 is adapted to be filled from the lower end after which the bottom is adapted to be associated with the receptacle in the manner hereinabove described.

While it is believed that from the foregoing description the nature and advantages of the invention will be readily understood, I desire to have it known that I do not limit myself to what is herein illustrated and described, and that such changes may be re-

sorted to when desired as fall within the scope of what is claimed.

What I claim is:

A receptacle of the character described having a tapered body portion and a straight portion of uniform dimensions at its open end, and an internal groove at the point of juncture between said portions, a perforated closure element fitted in said groove and held fixed relatively to the receptacle, and a removable imperforate closure element adapted to repose upon the first-mentioned element and frictionally held by the straight portion of the receptacle, immediately above said groove.

In testimony whereof I affix my signature.
HECTOR BOIARDI.