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2,096,358

CONTAINER

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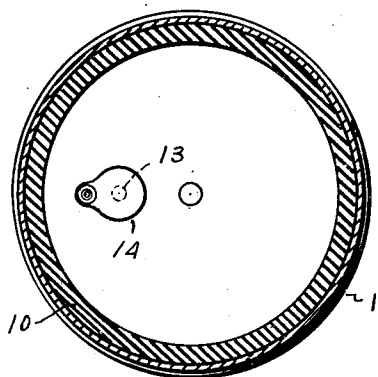


Fig. 3.

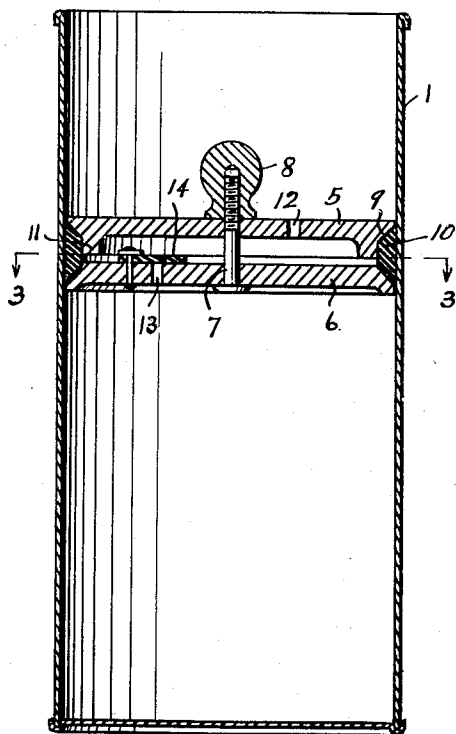


Fig. 2.

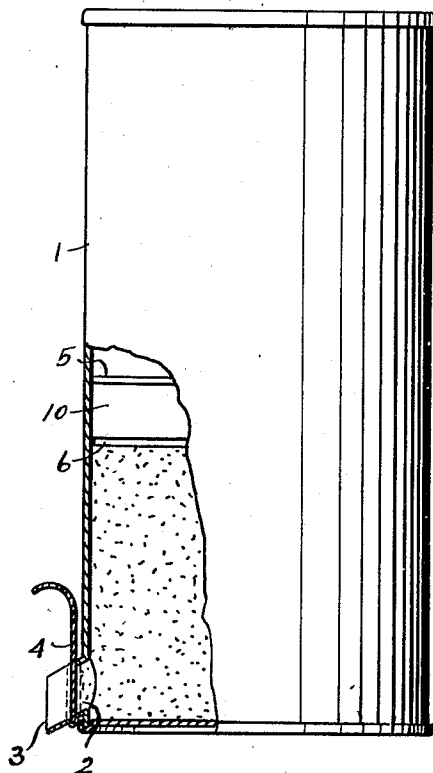


Fig. 1.

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CONTAINER

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1 Claim. (Cl. 220—93)

This invention relates to a container and has particular relation to a container having a movable closure which maintains the container at all times hermetically sealed.

5 An object of the invention is to provide a container having a closure therefor which may be moved to vary the volume of the enclosed chamber in the container and which will at all times maintain the contents of the container sealed off from the surrounding air.

10 A further object of the invention is to provide a container especially designed for containing coffee and similar products and having a discharge opening through which the contents of the container may be withdrawn from time to time as used, said container having a movable top which maintains the enclosed chamber containing the contents, at all times hermetically sealed and which may be gradually moved downwardly as the container is emptied so as to exclude the air from the contents of the container, said closure having an air outlet and an outwardly opening valve controlling said outlet.

20 With the above and other objects in view, the invention has particular relation to certain novel features of construction, arrangement of parts, and use, an example of which is given in this specification and illustrated in the accompanying drawing, wherein:

30 Figure 1 shows a side view of the container partly in section.

Figure 2 shows a vertical sectional view, and Figure 3 shows a cross-sectional view taken on the line 3—3 of Figure 2.

35 Referring now more particularly to the drawing wherein like numerals of reference designate similar parts in each of the figures, the numeral 1 designates a container, preferably in the form of a jar or can.

40 The lower end of the container may have an outlet opening 2 and a discharge chute 3 leading from said opening. The opening may be controlled by a vertically slidable gate 4, as shown in Figure 1. Within the container there is a closure or cover preferably formed of upper and lower disks 5 and 6.

45 A bolt 7 is fitted upwardly through aligned central openings through said disks with its head resting against the lower face of the disk 6, and

with its upper end threaded to receive the grip 8 which is screwed thereon and which clamps against the upper face of the upper disk 5, whereby said disks are maintained in assembled relation. The assembly of disks has a peripheral groove 9 therearound, said groove being outwardly flared and seated in the groove and surrounding the closure is an annular packing 10 which fits closely against the inside of the container walls to form an air-tight joint. The knob 8 may be screwed downwardly to cause a sufficient expansion of the packing to maintain the joint air-tight. One of the disks has an annular rib 11 adjacent its outer margin which is extended toward the other disk to maintain the disks spaced apart.

15 The disks 5 and 6 have the outlet openings 12, 13, and the opening 13 is controlled by the outwardly opening flap-valve 14.

20 As the contents are withdrawn from the container, the closure may be moved downwardly, the air escaping out through the openings 12, 13, and the closure thus maintained in close contact with the remaining contents of the container so that substantially all air will be excluded from the contents of the container, and said contents 25 of the container will remain fresh for a longer period of time.

When the container has been emptied the closure may be readily removed, and the container refilled, and the closure replaced.

30 The drawing and description disclose what is now considered to be a preferred form of the invention by way of illustration only, while the broad principle of the invention will be defined by the appended claim.

35 What I claim is:

A closure for a container formed of coinciding discs, means maintaining the discs in assembled relation and effective to adjust the discs toward and from each other, the assembly having an external annular outwardly flared groove, an annular packing shaped to conform to the shape of and fitted into said groove the outer face of the packing being of a width approximately equal to the thickness of the closure, said discs 45 having outlet openings and a valve arranged between the discs for controlling said openings.

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