H. H. PATTON, Jr.

CONTAINER TOP.

APPLICATION FILED FEB. 8, 1918.

1,280,827. Patented Oct. 8, 1918.

Fig. I.

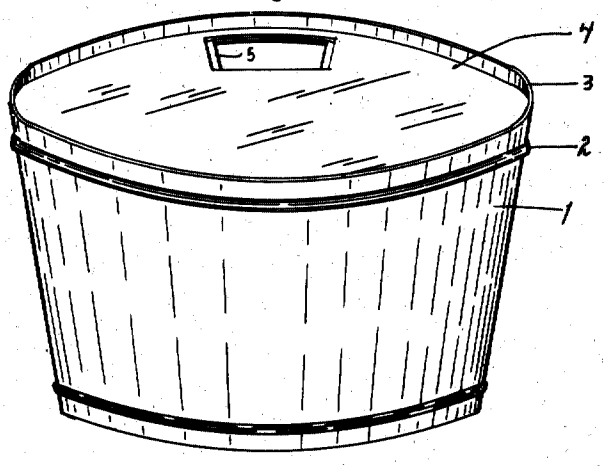


Fig. II.

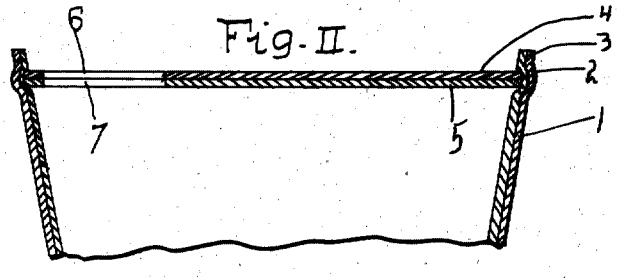


Fig. III.

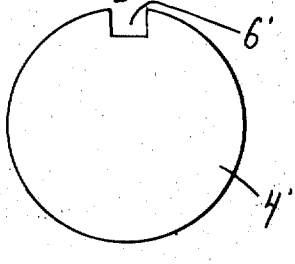


Fig. IV.

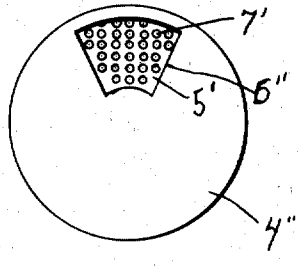
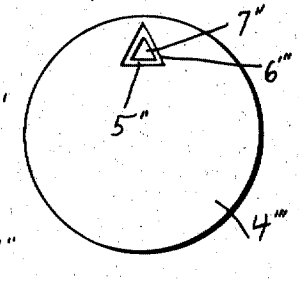


Fig. V.



WITNESSES

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CONTAINER-TOP.

1,280,827. Specification of Letters Patent. Patented Oct. 8, 1918.

Application filed February 8, 1918. Serial No. 216,129.

To all whom it may concern:

Be it known that I, HUGH H. PATTON, JR., citizen of the United States, residing at Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements in Container-Tops; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use the same.

My invention relates to improvements in container tops and has for its object the providing of a top whereby the contents of the container may be removed without removing or damaging the top.

Another object of my invention is to provide such a top which will not add materially to the cost of the container, either for material or for labor in assembling.

A further object of the invention is to provide a top which may be readily placed in position after the container has been filled.

A still further object of the invention is to allow the container as a whole to be so constructed as to permit the nesting of the containers for shipping thereby saving space for both shipping and storage.

These and other objects of the invention will be apparent from the following specifications, taken in connection with the annexed claims and drawings.

With the above objects in view my invention consists in providing a tapered receptacle with a groove located near the upper portion thereof and locating in said groove two disks, each provided with an orifice so located that they may be made to register with each other or placed out of alinement according to whether the container is to be opened or closed.

My invention further consists in parts and combination of parts, all of which will be hereinafter more fully set forth and claimed.

In the drawings Figure I, is an isometric view of my invention showing the container opened.

Fig. II, is a cross section of the upper portion of the container.

Fig. III, is a modified form of opening to be preferably used when the container has a liquid substance therein.

Fig. IV, is another form of opening designed for use where it is desirable to sift the contents from the container.

Fig. V, is another modified form of opening designed for use where a fine flow of granular material is desired.

1 represents the side of the container which may be made in any of the well known methods and which may be made of any material. 2 represents a groove near the upper portion thereof and 3 represents the tapered flange above the said groove 2. 4 and 5 represent disks adapted to be forced from the tapered flange 3 into the groove 2 where they seat themselves and where the lower disk 5 forms a tight joint between the side 1 and the said disk 5. The disk 4 is provided with an opening 6 and the disk 5 is provided with an opening 7 so located as to register with each other when desired. The upper disk 4 being forced in the groove after the forcing of the disk 5, allows a rotatable movement being imparted to said disk 4 since the side of the container has been very slightly enlarged; this enlargement, however, not being sufficient to permit the displacement of either of said disks 4 or 5. The orifice 6 is placed out of alinement with the orifice 7 thus the container is closed. By rotating the disk 4 until the orifices 6 and 7 register the contents of the container may be readily removed. The disk 4 may be thus rotated to open and close the container without causing any damage to either of the disks 4 or 5.

The orifice 6′ of the disk 4′ is constructed thus for the purpose of pouring liquids such as syrups and the like.

The orifice 6″ of the disk 4″ may be of any contour but the disk 5′ is provided with a series of small orifices 7′ for the purpose of sifting the contents from the container.

The orifice 7″ of the disk 5″ is constructed triangular for the purpose of permitting the pouring a small fine stream of granular material from the container and is designed for filling of salt shakers and the like small mouthed vessels. The orifice 6‴ of the disk 4‴ need not be of the same contour as the orifice 7″.

From the specifications as hereinabove set forth it will be seen that the container as constructed requires no additional assemblage cost since the two disks can be located simultaneously and the only additional material cost is the extra disk. It

will be further noted that the disks are located after the containers have been filled thus the containers may be nested and shipped and they may be also stored without taking up the room ordinarily required by the common containers.

While I have shown the groove 2 formed by the locating of a bead in the side of the receptacle this groove may be formed in any manner found preferable or more desirable.

The several designs and contours of the orifices have been illustrated and described to clearly define the uses to which the invention may be put.

While I have set forth certain details of construction as they appear at the present time to be best adapted I do not wish to be limited to such details except in so far as the annexed claims shall limit me as modifications may be made in the above invention without departing therefrom.

Having thus described my invention, what I wish to claim is:

1. In a device of the type set forth, the combination of a side wall, a groove located at the upper portion thereof, with a disk stationarily located in said groove and an auxiliary disk located revolubly in said groove, each of said disks provided with an orifice and said orifices adapted to permit the passing of the contents of said container when the revolubly mounted disk is revolved so as to have the said orifices register.

2. In a device of the type set forth, the combination of a side wall, a groove located at the upper portion thereof, with a top located and held within said groove, said top provided with an orifice and an auxiliary top revolubly mounted in said groove, said auxiliary top provided with an orifice adapted to be registered with said first mentioned orifice.

3. In a device of the type set forth, the combination of a tapered side wall, a groove located at the upper end of said wall, with a top located and held within said groove, said top provided with an orifice and an auxiliary top revolubly mounted in said groove, said auxiliary top provided with an orifice adapted to be registered with said first mentioned orifice.

4. In a device of the type set forth, the combination of a tapered wall, a groove located at the upper portion thereof, a tapered flange extending beyond said groove, with a top held within said groove and adapted to be forced from said tapered flange to said groove, said top comprising two disks rotatably mounted in relation to each other with an orifice located in each of said disks.

5. In a device of the type set forth, the combination of a wall, a groove located at the upper portion thereof, a top held within said groove, said top comprising two disks rotatably mounted in relation to each other with an orifice located in each of said disks.

Signed at Cleveland, in the county of Cuyahoga and State of Ohio, this 26th day January, 1918.

HUGH H. PATTON, JR.

Witnesses:
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