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Patented June 10, 1902.

E. O. WITMAN.

RECEPTACLE FOR HOLDING AND DELIVERING AROMATIC SUBSTANCES.

(Application filed Dec. 19, 1901.)

(No Model.)

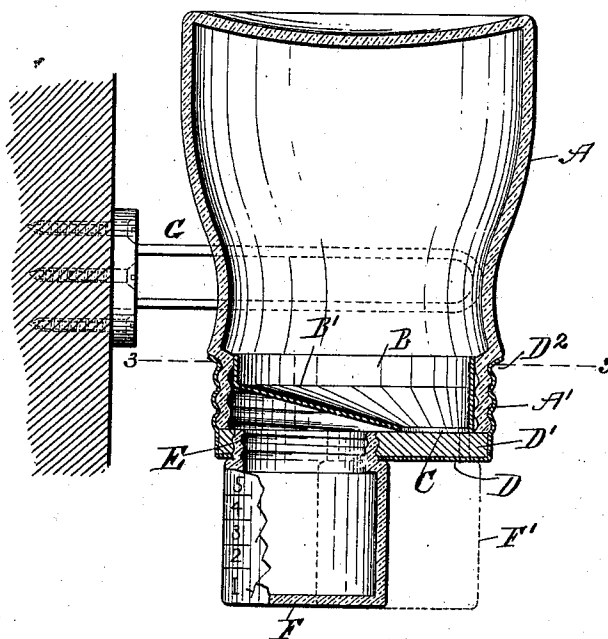


Fig. 1.

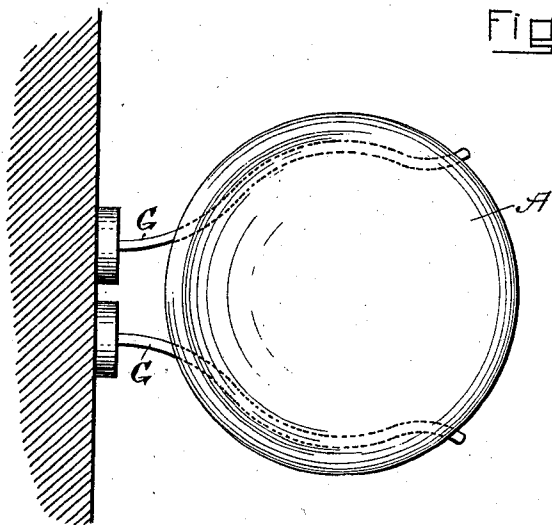


Fig. 2.

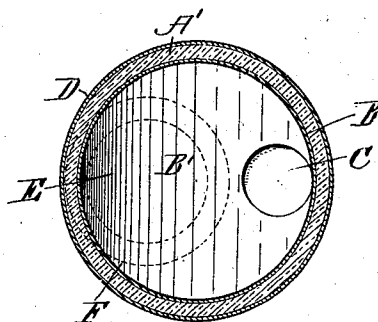


Fig. 3.

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RECEPTACLE FOR HOLDING AND DELIVERING AROMATIC SUBSTANCES.

SPECIFICATION forming part of Letters Patent No. 701,980, dated June 10, 1902.

Application filed December 19, 1901. Serial No. 86,479. (No model.)

To all whom it may concern:

Be it known that I, EDWARD OTTO WITMAN, a citizen of the United States, and a resident of Malden, in the county of Middlesex and State of Massachusetts, have invented new and useful Improvements in Receptacles for Holding and Delivering Aromatic Substances, of which the following is a specification.

The object of my invention is to provide a receptacle for aromatic solid substances from which portions of the contents can be withdrawn from time to time as desired without permitting the aroma of the substance remaining to deteriorate by escape to the air. An example of the class of substances which depend largely upon their aroma for their value and desirability is common ground coffee, and I illustrate my invention in its application to a coffee-jar.

In the drawings hereto annexed, which exhibit an embodiment of my invention, Figure 1 is a vertical section of a jar; Fig. 2, a plan view illustrating a mode of suspending the jar for use; and Fig. 3, a cross-section along the line 3 3, Fig. 1.

A is a jar of ordinary shape provided with a threaded lip A', to which a cover may be applied in the ordinary manner. In the mouth of the jar A there is secured by any convenient means a cup B, whose surface B' slopes toward the eccentrically-placed aperture C, the periphery of which is in a plane substantially parallel with the plane of the cover D. The cup B has, therefore, the shape of an eccentric and rather flat funnel. The cover D, which has a screw-threaded flange D' screwed over the neck A' of the jar A, has an interior lining D', composed, preferably, of some yielding material, like rubber, rubber and cloth packing, or soft leather-board. The cover D is pierced at E, the opening E being eccentrically placed upon the cover D and provided with means, such as an internal screw-thread, for the attachment of the receiver F. The receiver F is preferably transparent and may be carried, as shown in Fig. 1, so as to assist the person using it in measuring out stated quantities of material taken from the receptacle A. When attached to the cover D, the receiver F closes the jar against the admission of air and prevents the escape of the aroma of the contents of the jar

A. For convenience in handling I recommend that hangers, such as G, be provided and secured to the wall-cupboard or other fixture, whereby the jar A can be held in inverted position, as seen in Fig. 1.

The operation of the above-described embodiment of my invention is as follows: The jar A is filled up with fresh-ground coffee by pouring it through the aperture C of the cup B, and the cover D is then screwed on until it occupies the position shown in solid lines in Fig. 1, the inside of the cover or its lining D' pressing against the mouth of the opening E and constituting a valve therefor. The jar is then hung up, as seen in Fig. 1. If it be desired to withdraw a portion of the contents of the jar, the cover D is given a half-turn, which brings the opening E, and consequently the receiver F, into register with the aperture C. This position of the receiver F is indicated at F' in dotted lines in Fig. 1. The contents of the jar or receptacle then run into the receiver F until the desired amount is obtained, when the cover D is turned back to the position shown in solid lines in Fig. 1 and again operates as a valve to close the aperture C. Then the receiver F is unscrewed from the cover D and its contents used as desired. The receiver F being transparent enables the user to see the amount of material flowing into it.

It will be observed from the foregoing description that at no time are the contents of the receptacle exposed to the outer air and that the quantities of fresh air which may be admitted to the spaces between the cup B and the cover D by reason of the removal of the receiver F are insignificant. Thus the aroma of the contents of the receptacle is conserved, and the last portion of its contents to be withdrawn will be as fresh and aromatic as the first.

What I claim, and desire to secure by Letters Patent, is—

1. The combination of a receptacle, a cup therein provided with an aperture, a cover, movable on its seat and coöperating with the cup-aperture to form a valve therefor, an opening in the cover, a receiver removably attached to the cover at the opening therein and closed from the outer air, the cover-opening and cup-aperture being so disposed that

movement of the cover brings them into and out of register with each other as desired.

2. The combination of a receptacle, a funnel-shaped cup therein provided with an aperture, a cover, movable on its seat and co-operating with the cup-aperture to form a valve therefor, an opening in the cover, a receiver removably attached to the cover at the opening therein and closed from the outer air, the cover-opening and cup-aperture being so disposed that movement of the cover brings them into and out of register with each other as desired.

3. The combination of a receptacle, a cup therein provided with an aperture, a cover lined with yielding material and movable on its seat and co-operating with the cup-aperture to form a valve therefor, an opening in the cover, a receiver removably attached to the cover at the opening therein and closed from the outer air, the cover-opening and cup-aperture being so disposed that movement of the cover brings them into and out of register with each other as desired.

4. The combination of a receptacle, a cup therein provided with an aperture, a cover, movable on its seat and co-operating with

the cup-aperture to form a valve therefor, an opening in the cover, a transparent receiver removably attached to the cover at the opening therein and closed from the outer air, the cover-opening and cup-aperture being so disposed that movement of the cover brings them into and out of register with each other as desired.

5. The combination of a receptacle, a cup therein provided with an eccentrically-placed aperture, a screw-cover co-operating with the cup-aperture to form a valve therefor, an opening in the cover, eccentrically placed, a receiver removably attached to the cover at the opening therein and closed from the outer air, whereby a turning movement of the cover brings the cover-opening and cup-aperture into or out of register with each other, as desired.

Signed by me at Boston, Suffolk county, Massachusetts, this 14th day of December, 1901.

EDWARD OTTO WITMAN.

Witnesses:

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FRANK S. HARTNETT.