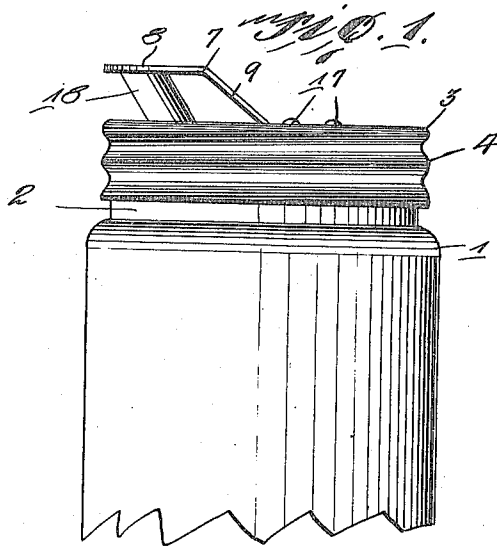
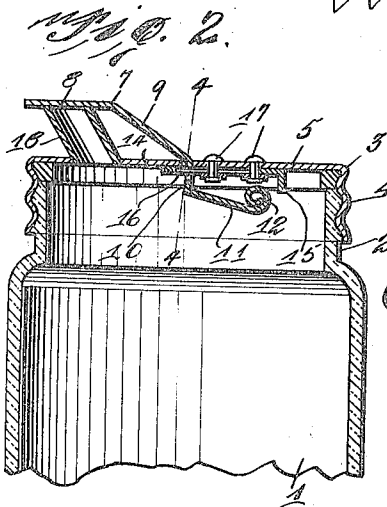
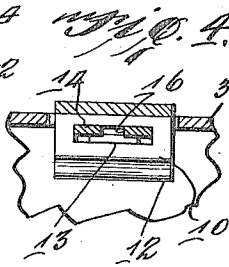
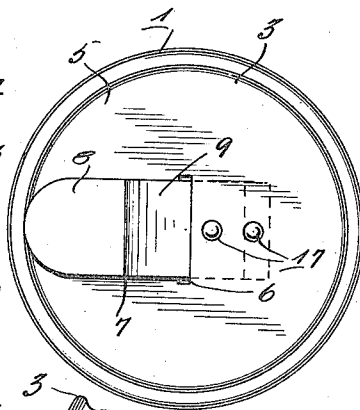
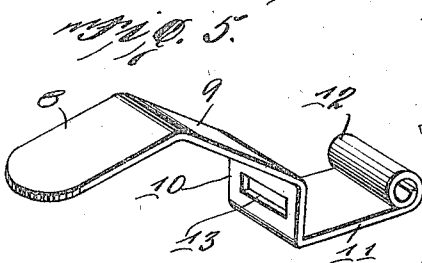
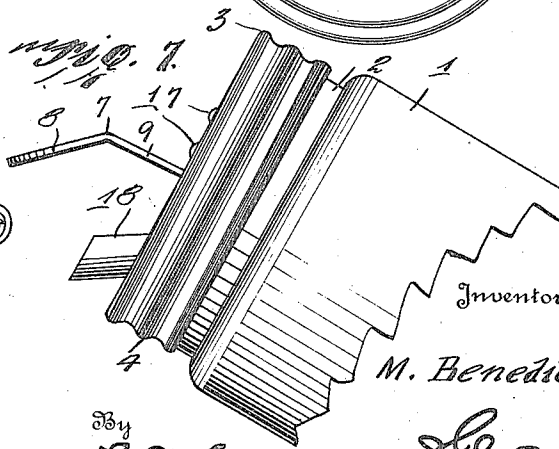
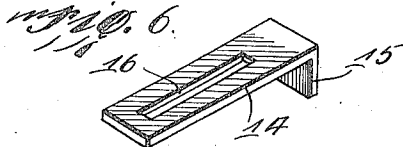


M. BENEDICT,  
SANITARY CONTAINER CAP.  
APPLICATION FILED MAR. 17, 1917.

1,264,481.

Patented Apr. 30, 1918.



Inventor

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By  
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# UNITED STATES PATENT OFFICE.

MATTIE BENEDICT, OF MEMPHIS, TENNESSEE.

SANITARY CONTAINER-CAP.

1,264,481.

Specification of Letters Patent.

Patented Apr. 30, 1918.

Application filed March 17, 1917. Serial No. 155,507.

*To all whom it may concern:*

Be it known that I, MATTIE BENEDICT, a citizen of the United States of America, residing at Memphis, in the county of Shelby and State of Tennessee, have invented certain new and useful Improvements in Sanitary Container-Caps, of which the following is a specification, reference being had therein to the accompanying drawing.

10 This invention relates to a sanitary container cap and has for its principal object the production of a cap which is provided with a flap valve which will be normally closed when the jar is inoperative.

15 Another object of this invention is the production of a cap provided with a flap valve which will be closed when the jar is in a vertical position and will automatically open when the jar is tilted.

20 Another object of this invention is the production of a flap valve which may be readily detached from and attached to the cap.

25 With these and other objects in view this invention consists in general of certain novel combinations, constructions and arrangements of parts as will be hereinafter fully described and claimed.

In the drawings:

30 Figure 1 is a side elevation of a glass jar showing the cap attached thereto.

Fig. 2 is a vertical section of the device.

Fig. 3 is a top plan view of the device.

35 Fig. 4 is a section taken on the line 4—4, Fig. 2.

Fig. 5 is a detail perspective view of the flap valve.

Fig. 6 is a detail perspective view of the pivot bolt.

40 Fig. 7 is a side elevation of the device showing the same in an operative position.

By referring to the drawings by numerals it will be seen that 1 designates a glass jar which is provided with the threaded neck 2.

45 Upon this threaded neck 2 is mounted the cap 3 which is provided with the threaded flange 4 and the top plate portion 5.

50 The top plate portion 5 is provided with the elongated slot 6 which is adapted to receive the flap valve 7. This flap valve 7 com-

prises the lip portion 8 which is adapted to always remain in horizontal position the slanting portion 9, the pivot portion 10 and the tail portion 11. The tail portion 11 is provided with the curl 12 while the pivot portion 10 is provided with an elongated aperture 13.

The top portion 5 of the cap 3 also carries the bolt plate 14 which is provided with the handle lip 15. The body portion of the bolt plate is provided with the longitudinally-extending opening 16 so that the whole device may be held upon the inner face of the top portion 5 by means of the rivets 17 as is clearly shown in Fig. 2.

65 The cap 3 is provided with a circular aperture in which is fitted the spout 18. It will be seen by referring to Fig. 2 that the lip portion 8 of the flap valve is adapted to fit over this spout and will normally retain this position when the longitudinal axis of the jar is in a vertical position because the lip portion 8 and the slanting portion 7 are adapted to counterbalance the tail portion 11 and the curl 12.

75 It will of course be understood that the bolt plate 14 passes through the aperture 13 and acts as a pivot for the flap valve. It will be seen that this bolt plate may be readily disengaged from the flap valve so that the same may be separated from the cap and be thoroughly cleansed if so desired.

80 By referring to Fig. 1 it will be seen that when the jar is in its normal position the lip 8 covers the spout 18 in such a manner as to keep out dust, flies, etc., and that when it is desired to pour out the contents of the bottle the same may be tilted so as to take the position shown in Fig. 7. When the bottle is tilted in this manner it will be seen 90 that since the lip and slanting portion of the flap valve counterbalance the tail and curl, the lip will be out of engagement with the spout and allow the contents of the bottle to flow freely therefrom.

95 What is claimed is:—

In a device of the class described the combination, of a cap with a flap valve, a spout extending from said cap, said flap valve pivotally mounted upon said cap and 100

provided with a lip portion adapted to extend over said spout and a tail portion adapted to counterbalance said lip portion, a bolt plate slidably mounted upon the inner face of said cap, said bolt plate provided with a longitudinal slot, rivets adapted to pass through the top of said cap and through said longitudinal slot, and said bolt plate adapted to pass through an elongated opening in said flap valve so as to pivotally and detachably hold said flap valve. 10

In testimony whereof I hereunto affix my signature.

MATTIE BENEDICT.