J. G. SWAIN.

CAN.

APPLICATION FILED SEPT. 30, 1908.

928,561.

Patented July 20, 1909.

Fig. 1.

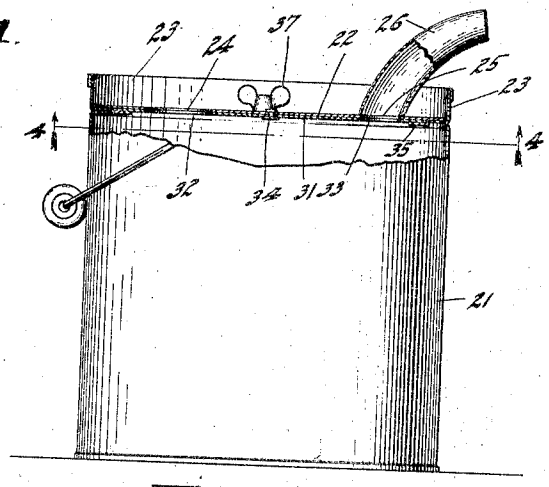


Fig. 2.

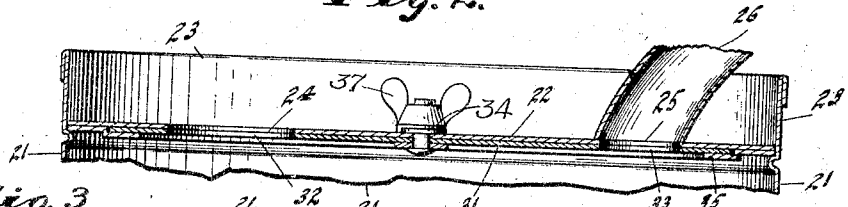


Fig. 3.

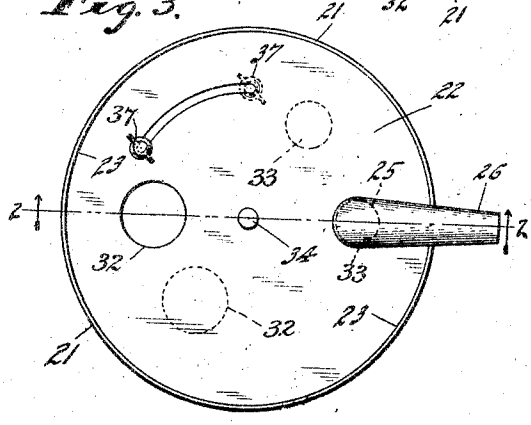
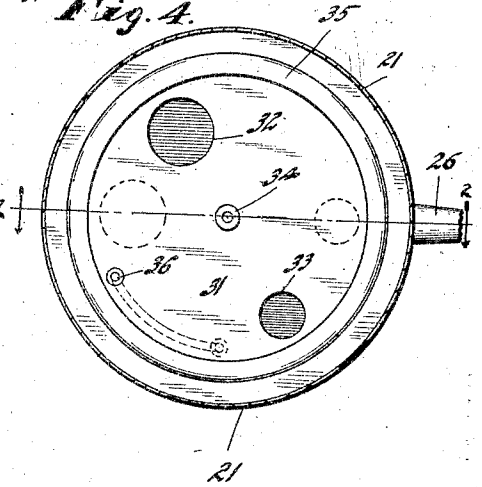


Fig. 4.



Witnesses
Frank A. Lahl
Thomas W. McMeans

Inventor
Josiah G. Swain,
By Bradford & Hood,
Attorneys.

UNITED STATES PATENT OFFICE.

JOSIAH G. SWAIN, OF MARTINSVILLE, INDIANA.

CAN.

No. 928,561. Specification of Letters Patent. Patented July 20, 1909.

Application filed September 30, 1908. Serial No. 455,436.

To all whom it may concern:

Be it known that I, JOSIAH G. SWAIN, a citizen of the United States, residing at Martinsville, in the county of Morgan and State of Indiana, have invented certain new and useful Improvements in Cans, of which the following is a specification.

The object of my present invention is to provide a means whereby the inlet and outlet openings of a can for containing fluid may be readily opened and closed.

Said invention will be first fully described and the novel features thereof then pointed out in the claims.

Referring to the accompanying drawings, which are made a part hereof, and on which similar reference characters indicate similar parts, Figure 1 is a view partially in side elevation and partially in section of a can embodying my present invention; Fig. 2 a central vertical sectional view on an enlarged scale of the upper portion of the can containing the features embodying my present invention at the point indicated by the dotted lines 2 2 in Figs. 3 and 4; Fig. 3 a top or plan view of the can in question, and Fig. 4 an underside plan view of the upper end of such a can, as seen when looking upwardly from the dotted line 4 4 in Fig. 1.

The can body 21 has its head 22 at or near the upper end, with a flange 23 preferably extending somewhat above said head. The head is secured in place in the body in any usual or desired manner, as by soldering. This head has inlet and exit openings 24 and 25, the exit opening having a spout or nozzle 26 leading out therefrom, of convenient shape and size.

Secured to the under side of the head 22 is a disk 31, having openings 32 and 33 therethrough, said openings corresponding to and adapted to register with the inlet and exit openings 24 and 25 in the head. This disk is mounted upon a central pivot 34 carried by head 22, and its edge extends under a flange 35 which is also secured to said head 22. An operating handle 36 is also secured to this disk, and extends up through an arc-shaped slot in the head 22, to the outside, where it may be reached by the operative. This handle is preferably in the form of a clamping screw, provided with a clamping nut upon its upper end, as wing-nut 37, so that the disk may be locked in either of its positions.

The advantages of this invention will be obvious. When it is desired to either fill the can, or draw a portion of its contents therefrom, all that is necessary is merely to move the disk by means of its handle until the openings in the disk and the top register. In such filling and discharging of the can, the fluid passes through one of the openings, while the other serves as an inlet or outlet for the air.

Having thus fully described my said invention, what I claim as new, and desire to secure by Letters Patent, is,

1. The combination, in a can, of a top having an inlet and an outlet opening and an arc-shaped slot to accommodate an operating handle, a discharge spout fixedly secured to said top surrounding said outlet opening, a disk centrally pivoted to the under side of the said top and having openings adapted to register with said inlet and outlet openings, a handle secured to said disk and extending up through the slot in said top whereby said disk may be moved to cover or uncover the said inlet and outlet openings, clamping means embodied in said handle whereby the disk may be located in either of its positions, a flange secured to the under side of said top and extending over the edge of said disk, and a flange extending above the top and surrounding all the openings therein.

2. The combination, in a can, of a top having an inlet and an outlet opening and an arc-shaped slot to accommodate an operating handle, a discharge spout fixedly secured to said top surrounding said outlet opening, a disk centrally pivoted to the under side of said top and having openings adapted to register with said inlet and outlet openings, a handle secured to said disk and extending up through the slot in said top whereby said disk may be moved to cover or uncover the said inlet and outlet openings, and a flange secured to the under side of said top and extending over the edge of said disk.

In witness whereof, I have hereunto set my hand and seal at Indianapolis, Indiana, this twenty-eighth day of September, A. D. one thousand nine hundred and eight.

JOSIAH G. SWAIN. [L. S.]

Witnesses:

CHESTER BRADFORD,

THOMAS W. MCMEANS.