March 3, 1936. M. F. MAZZELLA 2,033,042

MILK CAN

Filed May 10, 1935

Fig. 1.

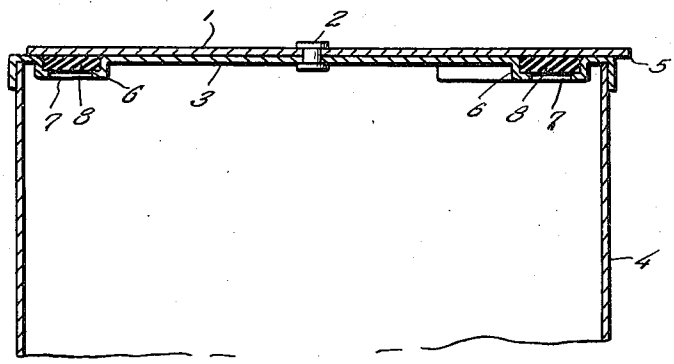


Fig. 2.

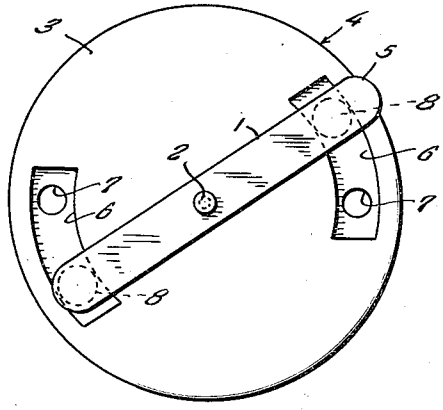


Fig. 3.

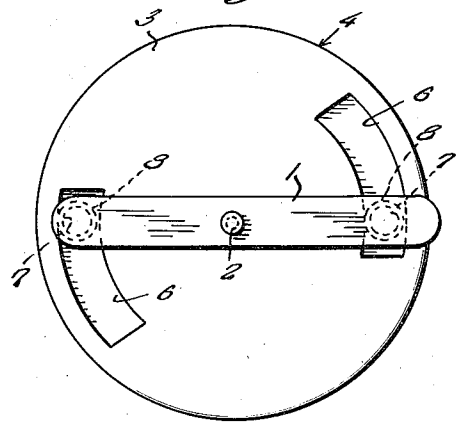
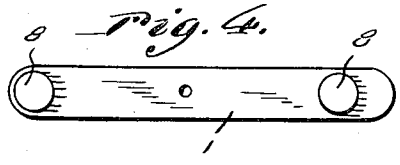


Fig. 4.



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MILK CAN

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Application May 10, 1935, Serial No. 20,883

2 Claims. (Cl. 220—33)

The present invention relates to new and useful improvements in milk cans and other containers in which it is the custom to punch pouring and vent openings to permit the contents to be discharged as desired.

The primary object of the present invention is to provide, in a manner as hereinafter set forth, a container of the aforementioned character embodying novel means for conveniently closing the punched openings in a manner to effectively seal the container, thereby preventing the entrance of foreign matter and preserving the unused contents remaining in said container.

Other objects of the invention are to provide a container of the aforementioned character which will be comparatively simple in construction, strong, durable, compact, attractive in appearance and which may be manufactured at low cost.

All of the foregoing and still further objects and advantages of the invention will become apparent from a study of the following specification, taken in connection with the accompanying drawing wherein like characters of reference designate corresponding parts throughout the several views, and wherein:—

Figure 1 is a view in vertical section through the upper portion of a container embodying the present invention.

Figure 2 is a top plan view, showing the closure in open position.

Figure 3 is a top plan view, showing the closure in closed position.

Figure 4 is a detail view in bottom plan of the swinging closure.

Referring now to the drawing in detail, it will be seen that the embodiment of the invention which has been illustrated comprises a substantially flat, resilient bar 1 of suitable metal which is pivotally mounted at an intermediate point, as at 2, on the top 3 of the container 4. One end of the swinging resilient bar 1 projects beyond the periphery of the top 3 in a manner to provide an operating handle 5.

The top 3 of the container 4 has formed in the outer portions thereof arcuate channels 6 in one end portion of each of which the openings 7 are punched. As will be understood, one of the openings 7 is for the discharge of the contents of the can and the other of said openings 7 is to permit the entrance of air. As illustrated to advantage in Figure 2 of the drawing, the openings 7 are punched in opposite end portions of their respective channels 6.

Resilient sealing disks 8 of suitable material, preferably rubber, are mounted on the lower side of the resilient bar 1 adjacent the ends thereof. The sealing disks 8 are adapted to travel in the arcuate channels 6 for closing the openings 7 when the resilient bar 1 is in the position shown in Figures 1 and 3 of the drawing.

It is thought that the operation of the invention will be readily apparent from a consideration of the foregoing. When it is desired to pour the milk or other contents from the can or container 4, the resilient bar 1 is swung to the position shown in Figure 2 of the drawing, thus removing the resilient disks 8 from the openings 7. To effectively close and seal the container again it is only necessary to swing the resilient bar 1 to the position shown to advantage in Figure 3 of the drawing thereby engaging the sealing disks 8 over the openings 7.

It is believed that the many advantages of a container constructed in accordance with the present invention will be readily understood and although the preferred embodiment of the invention is as illustrated and described, it is to be understood that changes in the details of construction and in the combination and arrangement of parts may be resorted to which will fall within the scope of the invention as claimed.

What is claimed is:—

1. A container including a top having arcuate channels therein, said channels having openings therein, a resilient bar pivotally mounted, at an intermediate point, on said top, and resilient disks mounted on the lower side of said bar and operable in the channels for closing the openings.

2. A container including a top having arcuate channels therein, said channels having openings therein, a resilient bar pivotally mounted, at an intermediate point, on said top, and resilient disks mounted on the lower side of said bar and operable in the channels for closing the openings, one end of said resilient bar projecting beyond the periphery of the top for providing an operating handle.

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