Sept. 8, 1936. L. J. KANN 2,053,370

CONTAINER AND DISPENSER FOR CANS CONTAINING CONDENSED MILK, SIRUP, FRUIT JUICES AND THE LIKE

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FIG. 2

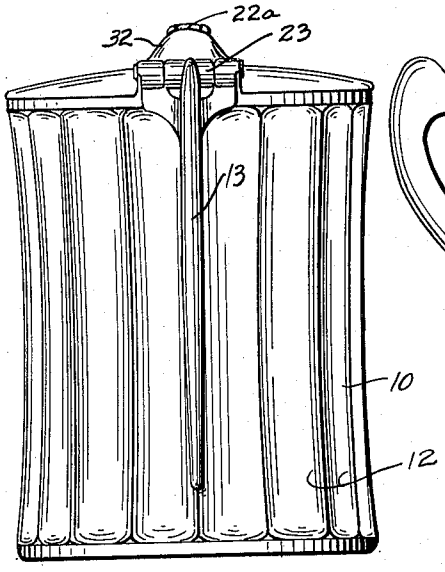


FIG. 1

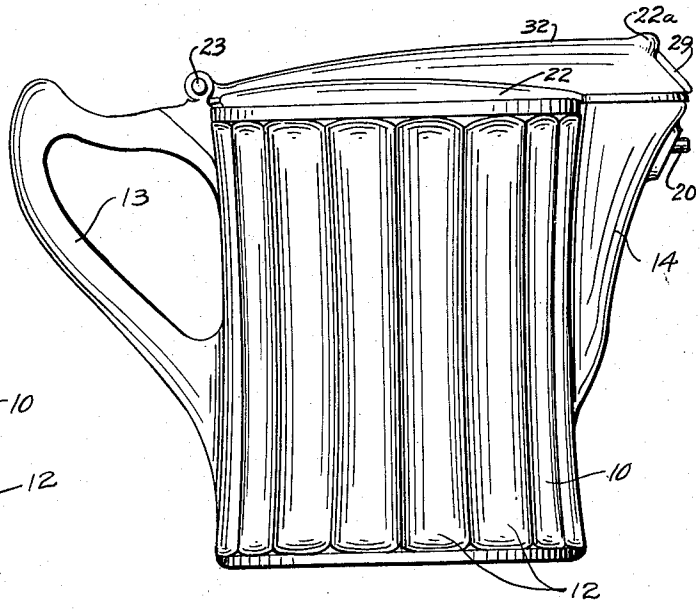


FIG. 3

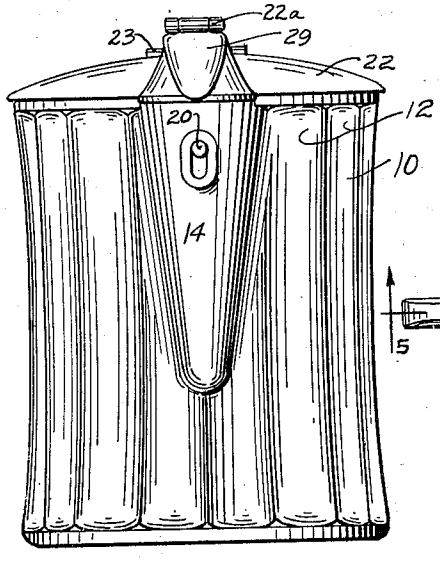


FIG. 4

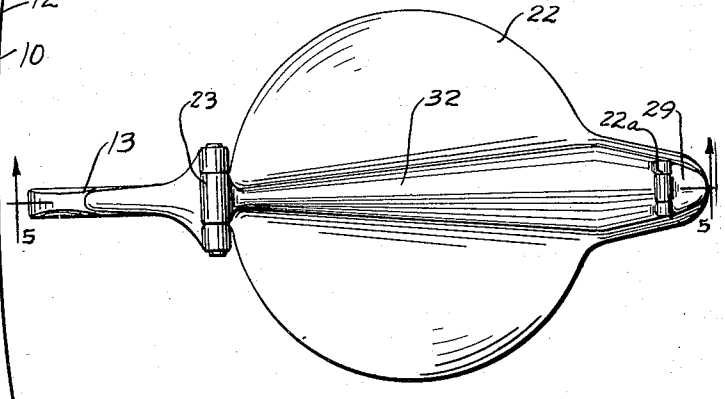
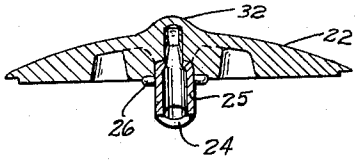


FIG. 9



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FIG. 5

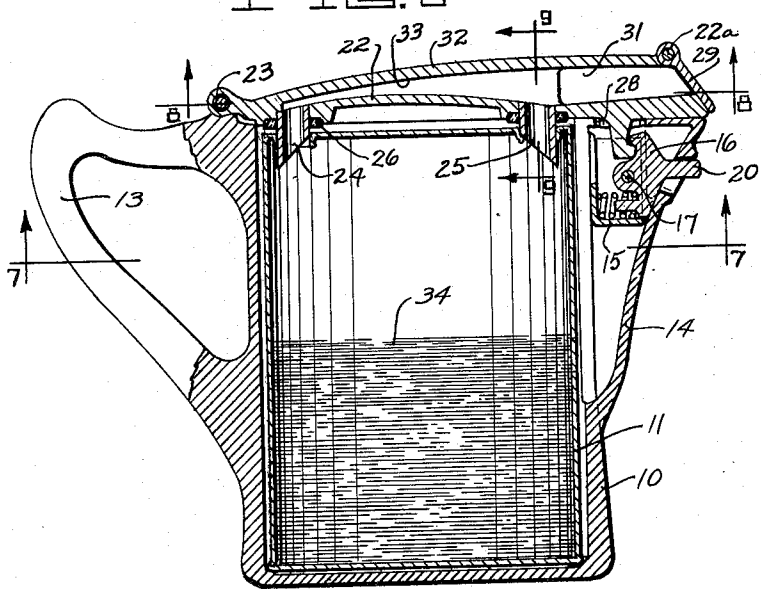


FIG. 6

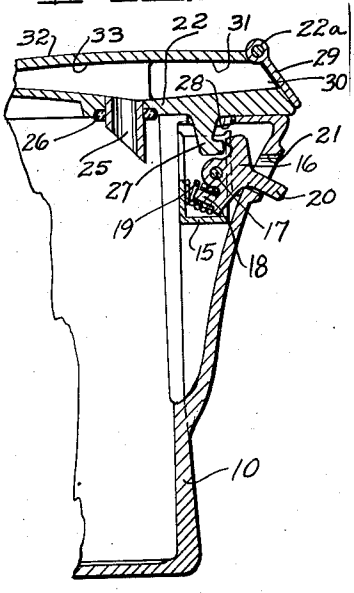


FIG. 7

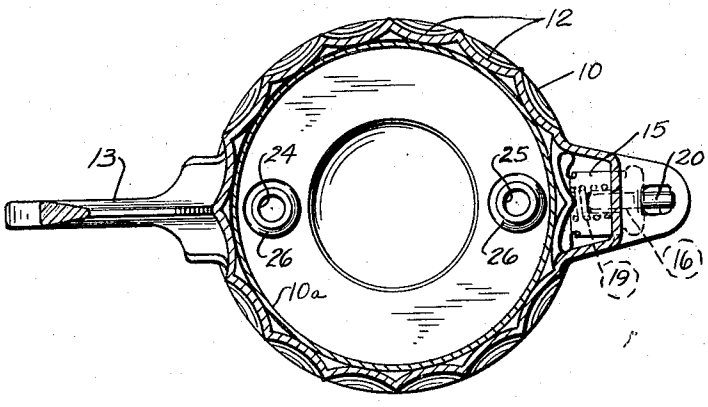


FIG. 10

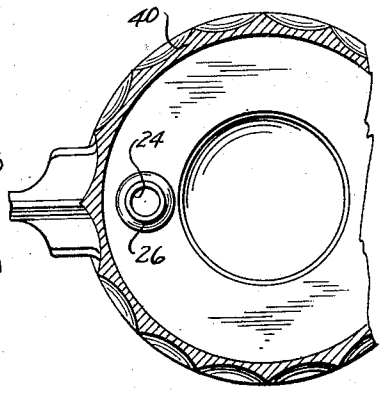
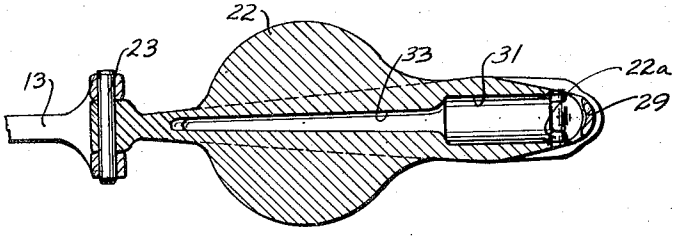


FIG. 8



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UNITED STATES PATENT OFFICE

2,053,370

CONTAINER AND DISPENSER FOR CANS CONTAINING CONDENSED MILK, SIRUP, FRUIT JUICES AND THE LIKE

Louis J. Kann, Cleveland, Ohio

Application October 18, 1935, Serial No. 45,583

2 Claims. (Cl. 65—61)

This invention relates to containers primarily intended for the reception of condensed or evaporated milk cans and for dispensing the contents thereof, but will also be found useful in the same relation as a receptacle and dispenser for cans containing sirup, fruit juices and the like.

The invention has for its purpose to provide a container of this kind which will under all conditions preserve the wholesomeness of the contents of the cans and prevent contamination with dust and dirt.

Further objects of the invention will be apparent from the following description of the drawings, in which:

Fig. 1 is a side elevation of my can perforator and dispenser.

Fig. 2 is a rear elevation of Fig. 1.

Fig. 3 is a front elevation of Fig. 1.

Fig. 4 is a top plan view of Fig. 1.

Fig. 5 is a longitudinal section taken on line 5—5 of Fig. 4 showing cover latching mechanism in latched position with the can therein.

Fig. 6 is a fragmentary section showing cover latching mechanism in released position.

Fig. 7 is a transverse sectional view taken on line 7—7 of Fig. 5.

Fig. 8 is a transverse sectional view taken through line 8—8 of Fig. 5.

Fig. 9 is a section taken on line 9—9 of Fig. 5.

Fig. 10 is a section of a modification in construction, of Fig. 7.

Referring to the drawings; a cup or receptacle 10 is adapted to hold a can 11 therein, and has in its outer surface a plurality of grooved panels 12 as shown specifically in Figs. 1, 2, 3 and 7 and has also a handle 13 and a spout 14 attached thereto at opposed points on the outer surface of said container as shown in the accompanying illustrations.

An angular hanger 15 mounted within the spout 14 has attached therein a pivoting latch 16 on a pivot pin 17 which is mounted through the sides of the said hanger. A projecting lug 18 extends from the lower part of said latch 16 and has mounted thereon a compression spring 19; a handle 20 which projects through the aperture 21 in the spout 14 provides the means whereby the latch 16 is operated to lock or unlock a cover 22 which is hinged to the container 10 at 23.

The cover 22 has attached on its underside a pair of perforating tubes 24 and 25 which are so attached to the cover 22 as to become a fixed part thereof; and these tubes are cut off at a 45 degree angle as shown to facilitate the perforating of the top of the can 11.

A rubber washer 26 is mounted around each of the tubes 24 and 25. An arm 27 projects downwardly from the cover 22 and dropping through the orifice 28 in the top surface of the spout 14, contacts the latch 16 thus locking the cover 22 in position as shown in Fig. 5.

A hinged flap 29 attached to cover 22 at 22a drops over an opening 30 to a passage 31 within the rib like projection 32 of the cover 22; and a smaller passage 33 tapers slightly as it slopes backward to the tube 24 from the tube 25. The passage 31 slopes upwardly toward the opening 30 so that the liquid 34 will not drop from the opening 30 but will flow backward to the tube 25 and thus into the can 11 again when the device is righted.

In operation, the can 11 is inserted within the receptacle 10, the cover 22 is pressed down until the perforating tubes 24 and 25 enter the top of said can making two openings in a line between the handle 13 and the spout 14 and spaced near the edge of the can 11. The arm 27 of the cover 22 dropping through the orifice 28 is caught by the latch 16 as shown in Fig. 5, thus locking the can 11 within the container 10.

By tipping the container 10 forwardly the liquid 34 pours through the tube 25 into passages 33 and 31 respectively and out through the opening 30. The tube 24 is a secondary tube, necessary only as a means for relieving the vacuum in the can 11 to accelerate the flow of the liquid 34. The shape of the passages 31 and 33 are such as to cause the natural flow of the liquid back to the can 11 when set upon a flat surface.

The modification shown in Fig. 10 is only a difference in construction; Fig. 7 shows an inner wall 10a as an integral part of container 10, while Fig. 10 shows just the grooved outer surface of a container 40.

The cover is normally held closed by the latch, but may be opened by releasing the latter.

I claim:

1. A device of the kind described comprising a vessel having a hollow extension at one side and a handle at the other side, a hinged cover adapted

to close the top of the vessel, said cover having a discharge passage formed therein, and a depending lug which enters said extension when the cover is closed, a pair of tubes opening into said passage and depending from the under side of the cover, the lower ends of the tubes being pointed to perforate the top of a can inserted in the vessel, and a latch pivoted in said extension and engageable with the lug to hold the cover closed.

2. A device of the kind described comprising a cup-shaped vessel adapted to receive a can therein, and a cover on the vessel, said cover having a discharge passage formed therein and provided on its under side with spaced tubes leading to said passage and provided at their lower ends with means to penetrate the top of the can, the vessel having a hollow extension at one side, and a latch pivoted in said extension, the cover having a lug on the under side engageable by said latch.

LOUIS J. KANN.