Oct. 29, 1929. F. ALDEN ET AL 1,733,571

SANITARY MILK CONTAINER

Filed Nov. 12, 1928

Fig. 1.

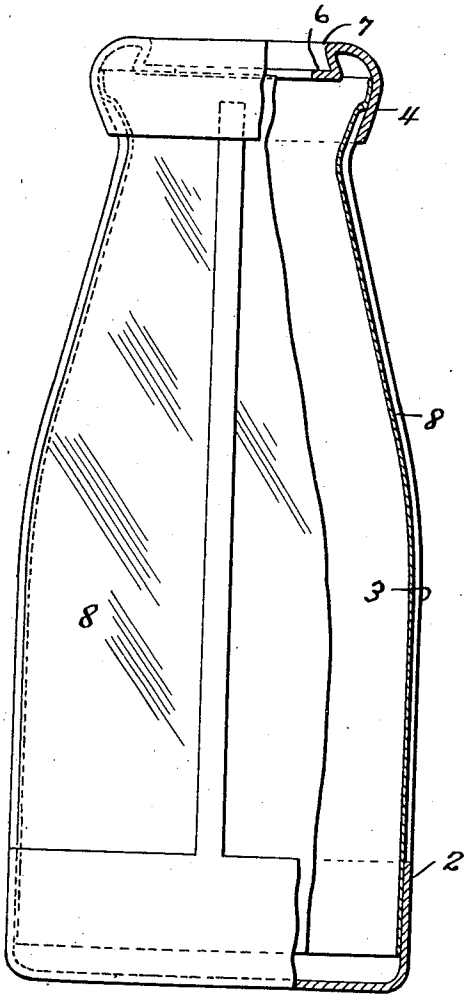
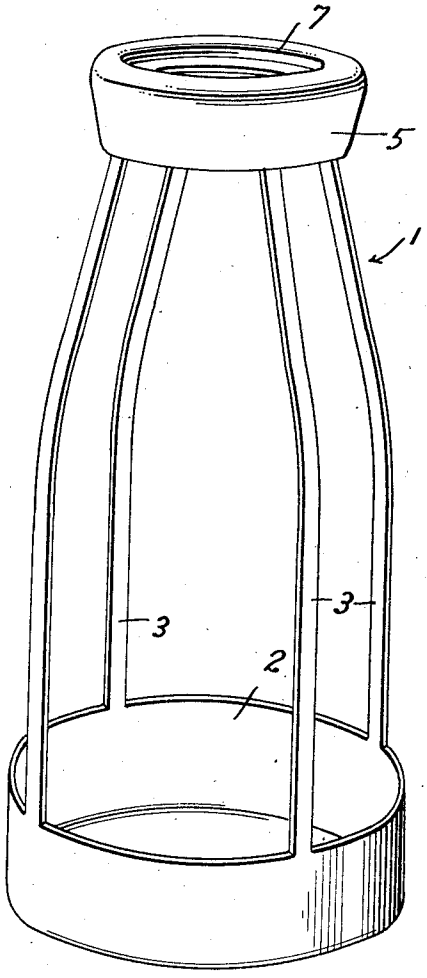


Fig. 2.



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SANITARY MILK CONTAINER

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The present invention relates to improvements in paper receptacles and has reference more particularly to a container for milk or cream.

One of the important objects of the present invention is to provide a milk container that is formed of destructible material so that after the container or receptacle has been emptied of its contents, the same can be thrown away, thus promoting sanitation.

A further object is to provide a sanitary milk container that will be strong and durable yet very inexpensive in its manufacture, the container comprising a frame structure formed from compressed paper, a covering for the frame of transparent material being arranged thereunder in such a manner as to prevent leakage of the liquid from the container yet enabling the contents to be visible at all times.

Other objects and advantages of the invention will become apparent from the following description when taken in connection with the accompanying drawing.

In the accompanying drawing wherein like reference characters indicate corresponding parts throughout the several views:

Figure 1 is a side elevation of our improved sanitary milk container, parts being shown in section, and

Figure 2 is a detail perspective view of the frame.

In the drawing, wherein for the purpose of illustration is shown the preferred embodiment of our invention, the numeral 1 designates generally the frame that is formed from compressed paper, and the frame is formed in different sizes, such as for example, gills, half pints, pints, and quarts. The frame includes a cylindrical cup shaped bottom 2, and extending upwardly from the upper edge thereof at equidistantly spaced points are the ribs 3, said ribs gradually converging from their intermediate portions toward their upper ends and terminating in outwardly curved fingers 4, over which is fitted the ring like member 5 also formed of compressed paper, the upper edge portion of this ring like member being directed inwardly over the upper free ends of the fingers 4, thence being disposed downwardly and terminating in the annular flange 6 for receiving the usual bottle stopper disc, not shown, the shoulder 7 providing a mean for retaining the stopper disc against casual displacement from the ledge or flange 6.

The sanitary receptacle or container further includes the provision of a transparent covering 8 that is disposed within the frame in the manner as clearly shown in the drawing. This transparent covering is preferably formed of paper, and so shaped as to adhere to the shape of the frame and the lower edge portion of the covering 8 extends below the upper edge of the cup shaped bottom 2, while the upper edge of the transparent covering terminates at a point adjacent the shoulder 7 so as not to interfere with the filling of the container or with the discharge of the contents thereof when the cap or disc is removed.

It is of course understood that the lower edge portion of the transparent covering is attached to the cup shaped bottom in such a manner as to prevent leakage of the liquid from the container. If desired, the transparent covering may be arranged on the outside of the frame.

The provision of a container of the above mentioned character will obviate the use of glass milk bottles, thus reducing the cost in the operation of a dairy, as these destructible containers can be manufactured at a very low cost.

Furthermore, the container is adapted to be destroyed after the contents have been discharged therefrom, thus promoting sanitation.

A sanitary container of the above mentioned character will be attractive and the same will be at all times positive and efficient in carrying out the purposes for which it is designed. If desired, reinforcing ribs may be arranged on the bottom face of the cap shaped member 2 for strengthening the structure.

While we have shown the preferred embodiment of our invention it is to be understood that minor changes in the size, shape and arrangement of parts may be resorted to without departing from the spirit of the

invention and the scope of the appended claims.

Having thus described the invention, what we claim as new and desire to secure by Letters Patent is:—

1. A milk receptacle constructed of destructible material, said receptacle including a frame, that comprises a bottom cup-shaped member, strips extending upwardly from the cup-shaped bottom, a ring-like member fitted over the upper ends of the strips, the upper edge of the ring-like member being disposed inwardly and so bent as to form a bottle cap receiving latch, and a covering for the frame.

2. A milk receptacle constructed of destructible material, said receptacle including a frame, that comprises a bottom cup-shaped member, strips extending upwardly from the cup-shaped bottom, a ring-like member fitted over the upper ends of the strips, the upper edge of the ring-like member being disposed inwardly and so bent as to form a bottle cap receiving latch, a covering of transparent material disposed around the strips, the upper edge of the covering terminating at the top of the ring-like member, the lower edge of the covering terminating adjacent the bottom of the cup-shaped member.

3. A milk receptacle constructed of destructible material, said receptacle comprising a circular cup-shaped bottom formed of compressed paper, strips of the same material extending upwardly from the upper edge of the cup-shaped bottom at spaced intervals, the upper end portions of the strips being disposed in converging relation, and terminating in outwardly curved fingers, a compressed paper ring shaped to fit over the outwardly curved fingers, the upper edge portion of the ring being disposed inwardly and thence downwardly and terminating in a bottle cap supporting flange, and a transparent covering inside the frame and arranged in a leak-proof manner.

In testimony whereof we affix our signatures.

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