No. 628,888.

Patented July 11, 1899.

H. M. KIRBY.

REFRIGERATOR.

(Application filed Aug. 22, 1898.)

(No Model.)

Fig. 1.

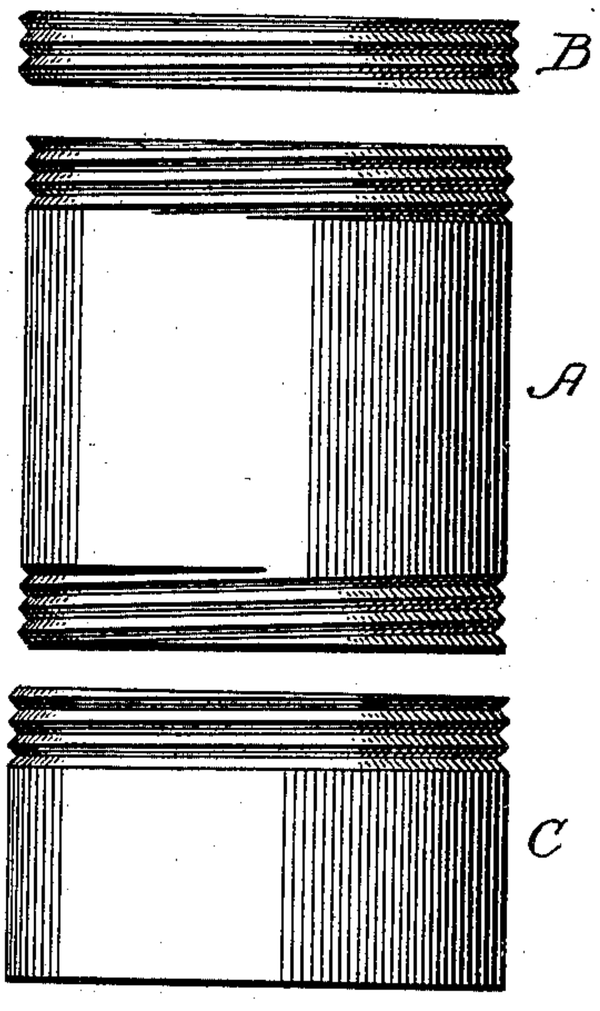


Fig. 2.

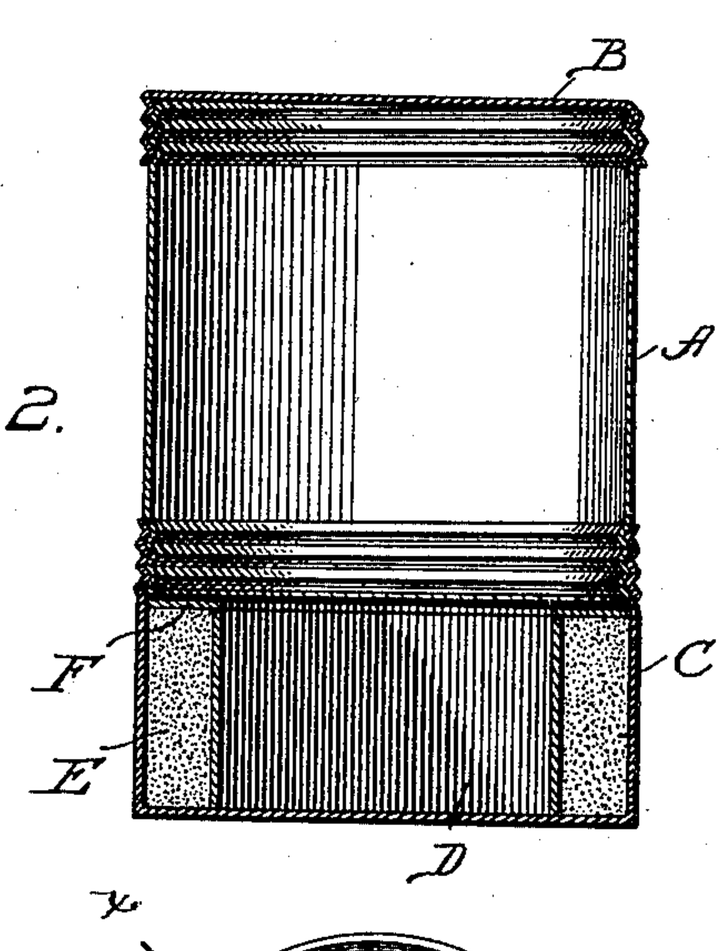
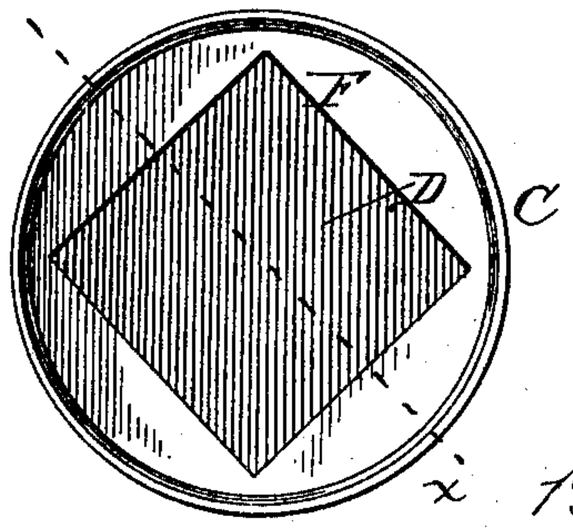


Fig. 3



Witnesses.
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UNITED STATES PATENT OFFICE.

HENRY M. KIRBY, OF KEOKUK, IOWA.

REFRIGERATOR.

SPECIFICATION forming part of Letters Patent No. 628,888, dated July 11, 1899.

Application filed August 22, 1898. Serial No. 689,260. (No model.)

To all whom it may concern:

Be it known that I, HENRY M. KIRBY, a citizen of the United States, residing at Keokuk, Lee county, Iowa, have invented a new and useful Refrigerator or Milk-Can, of which the following is a specification, reference being had to the accompanying drawings.

My invention relates to milk-cans which are principally designed for use by dealers who supply families with small quantities of milk at stated times and which cans are collected when empty to be used again.

The object of the invention is to provide such cans with a peculiar construction of removable ice-receptacle, which will keep the contents of the can in a fresh and sweet condition.

The invention consists, essentially, in the combination, with a cylindrical can formed with screw-threads at the upper and lower ends and provided with a removable screw-threaded cap, of the removable cylindrical ice-receptacle screw-threaded at the upper end, a rectangular box of a less height seated therein, a filling of non-conducting material between said cylindrical receptacle and the box, and a circular plate having a rectangular hole therein seating on said box and soldered to the receptacle, as hereinafter fully described and claimed.

In the accompanying drawings, Figure 1 is a side elevation of a milk-can constructed in accordance with my invention, the cover and the ice-receptacle being shown detached. Fig. 2 is a longitudinal section on the line $x\,x$, Fig. 3, the ice-receptacle being in place. Fig. 3 is a plan view of the ice-receptacle.

In the said drawings, the reference-letter A designates the can, cylindrical in shape and formed at the upper and lower ends with screw-threads. Connected with the upper end of the can is a screw-threaded cap B. Connected with the lower end of the can is a screw-threaded removable ice-receptacle C, which is cylindrical in shape. Located in this receptacle is a rectangular box D, which is of a less height than the receptacle. The space between said box and receptacle is filled with sawdust or other non-conducting material E. Seated on said box is a circular plate F, having a central rectangular hole therein. This plate is soldered to the receptacle and confines the sawdust in place.

In practice the box D is filled with ice and the can filled with milk, the said ice-receptacle having been previously connected with the can. The can is now delivered to the customers at stated intervals and the empty cans removed. By this means the milk can be kept in a fresh condition, which will be economical and will be found especially desirable and useful to persons not having refrigerators.

Having thus fully described my invention, what I claim is—

The combination with the cylindrical can formed with screw-threads at the upper and lower ends, and the screw-threaded top, of the cylindrical screw-threaded ice-receptacle, the rectangular box seated therein, the filling of non-conducting material between said box and receptacle, and the circular plate formed with a rectangular hole, seated on said box and soldered to the said ice-receptacle, substantially as described.

H. M. KIRBY.

Witnesses:
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