

No. 647,925.

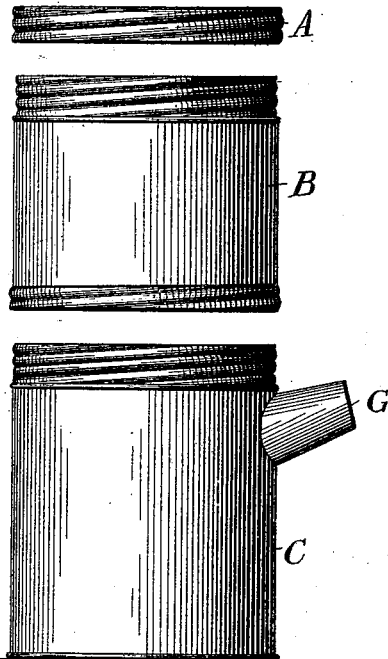
Patented Apr. 17, 1900.

H. M. KIRBY.  
REFRIGERATING MILK CAN.

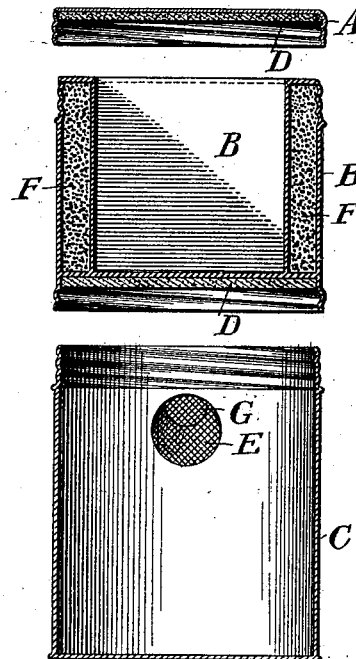
(Application filed Oct. 18, 1899.)

(No Model.)

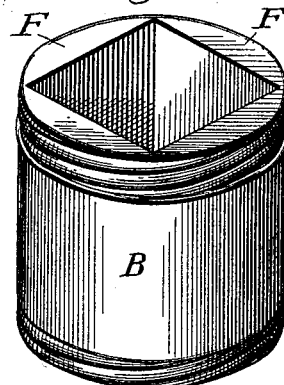
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



Witnesses.  
Mac Scott.  
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Inventor.

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# UNITED STATES PATENT OFFICE.

HENRY MAYO KIRBY, OF KEOKUK, IOWA.

## REFRIGERATING MILK-CAN.

SPECIFICATION forming part of Letters Patent No. 647,925, dated April 17, 1900.

Application filed October 18, 1899. Serial No. 734,035. (No model.)

*To all whom it may concern:*

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

My invention relates to improvements in milk-cans, in which a receptacle for ice is attached to the top of the lid of a can for milk.

The object of my invention is to provide a small refrigerating-can for use in delivering milk to customers who are not provided with other and regular refrigerators. I attain this object by the mechanism illustrated in the said drawings, reference to which is here made, in which—

Figure 1 is a vertical elevation of the entire can, with the parts separated. Fig. 2 is a sectional view of the parts A, B, and C, disclosing the inside structure of the can. Fig. 3 is a perspective view of section B, showing the top indication of the inside structure thereof.

Letter A designates the lid to section B. It has indented threads corresponding to the threads indicated at the top of B, to which it is screwed fast when put together. Section B is an ice-receptacle composed of a round can on the outside with complete bottom. Inside this can is a square can soldered fast to the bottom. The opening around the square can (shown by F in Figs. 2 and 3) is filled with sawdust or a similar filling, after which it is completely closed at the top. This sawdust-compartment thereby becomes air-tight. At the base of section B there is a rim extending below the bottom part of the can, which, being threaded, forms a lid-covering for section C, the top of which is also threaded to correspond with B and A.

C is a complete can with a spout G, through

which the milk is poured from the can while closed.

In Fig. 2 a strainer is disclosed by letter E. This strainer covers the opening from the inside of the can into G and cleanses the milk as it is poured out. When the can is filled, G is plugged from the outside with a rubber cork. Each lid, as shown in Fig. 2 by D, is inlaid with cork, so that when the can is put together each compartment thereof becomes air-tight.

To use the invention, observe first that A and C form a complete can with the straining attachment. It may be used without B in cold weather. B is a section containing the ice-receptacle and is useful only in warm weather. The object is to put the milk up in cans, using ice, if needed, and leave a can with a customer until emptied. When empty, take the can away and leave another one filled, and so on.

What I claim as my invention, and for which I desire to obtain Letters Patent, is—

In a refrigerating milk-can consisting of two sections, the lower section of which is for milk and provided with a spout and straining attachment, and the top section of which forms an air-tight lid-covering for said lower section, and is provided with an ice-receptacle set on the inside thereof surrounded with a layer of sawdust packed tight between it and the outside of said can which said ice-receptacle is square and fastened to the bottom of said top section and at the outside rim at the top so as to prevent leakage into said sawdust, and said top section provided with an air-tight lid-covering, all substantially as shown and described.

H. MAYO KIRBY.

Witnesses:

JOHN E. CRAIG,  
MAE SCOTT.