

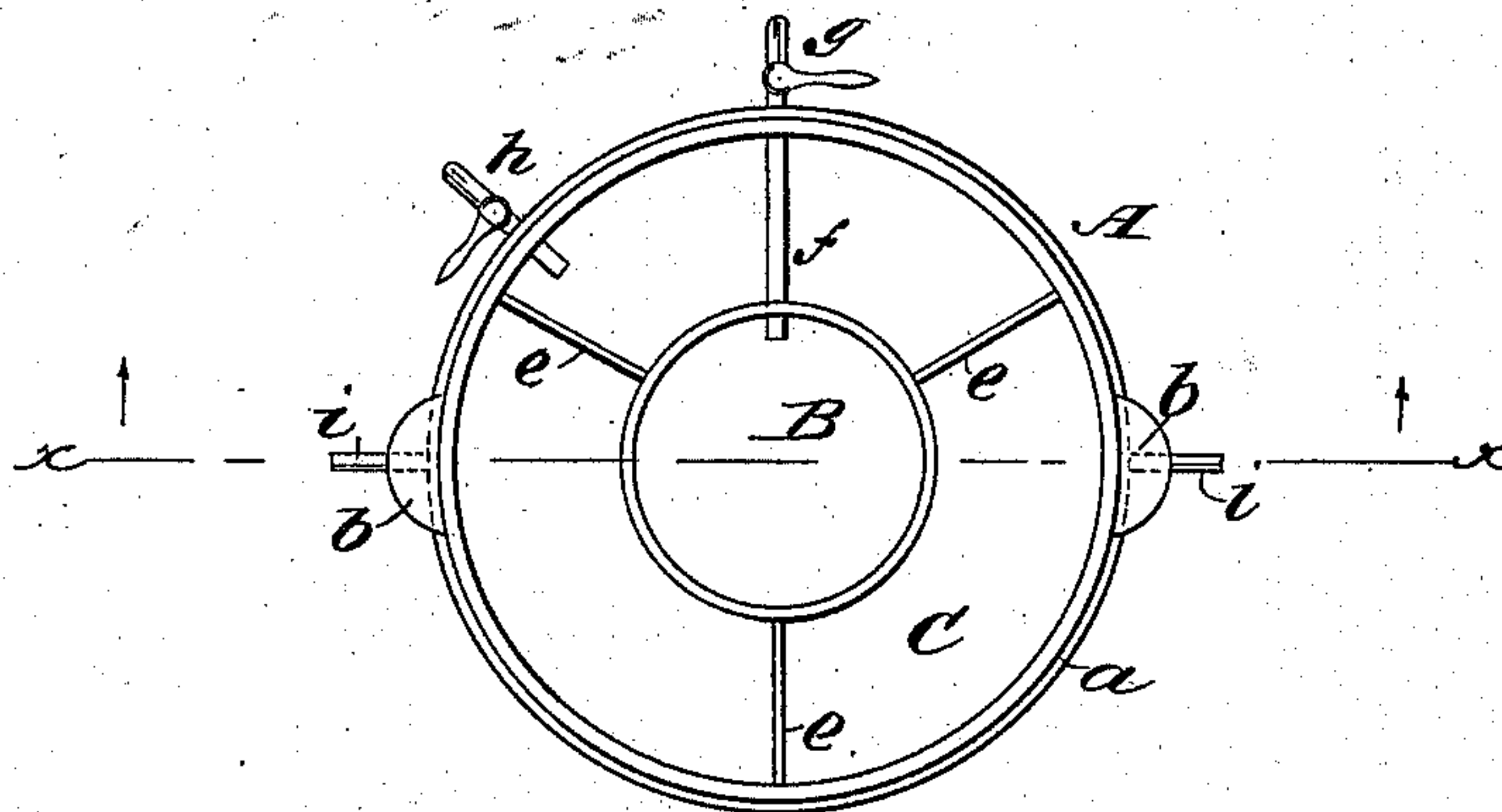
(No Model.)

E. WILLIAMS.  
MILK AND WATER COOLER.

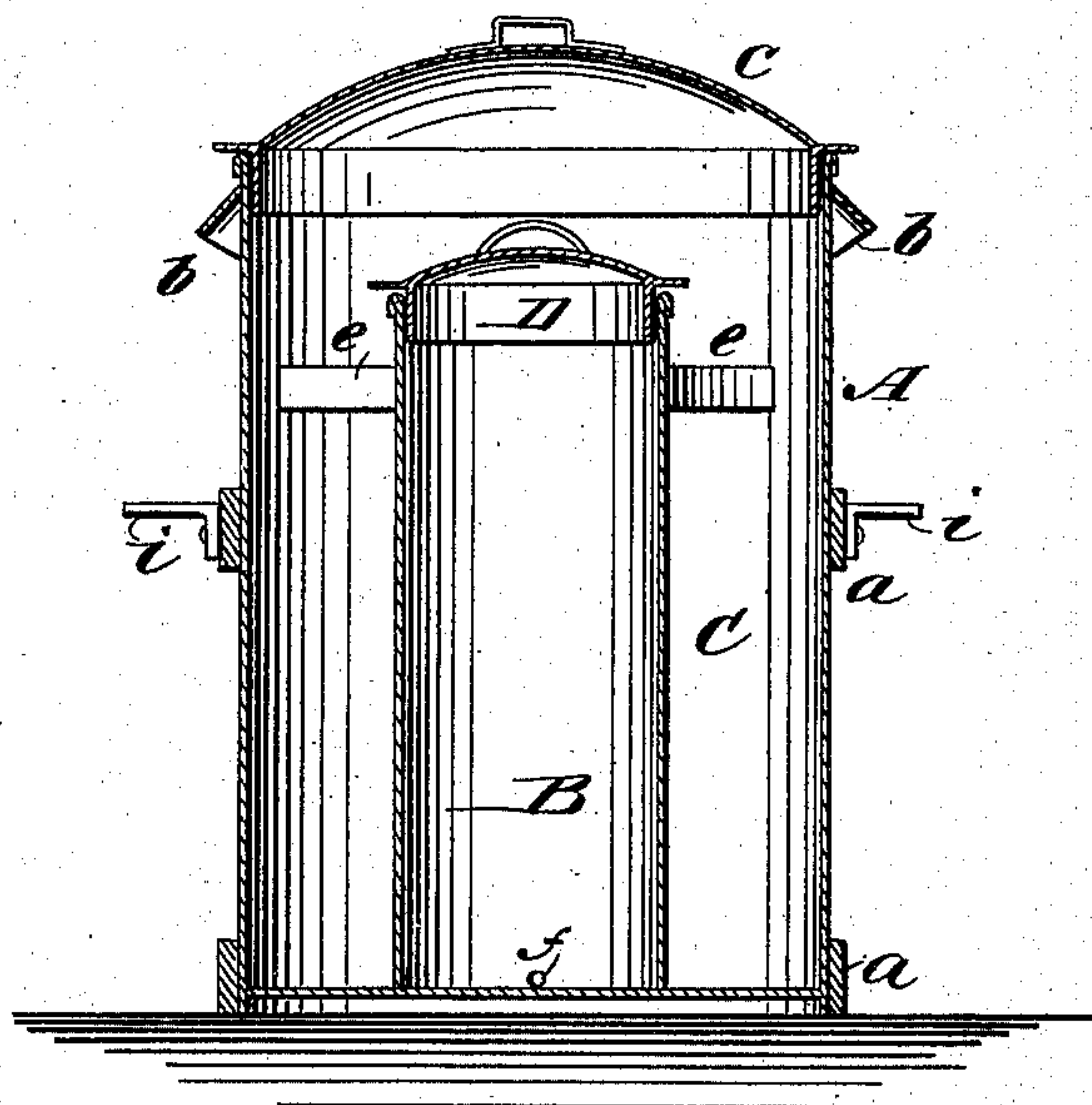
No. 322,144.

Patented July 14, 1885.

*Fig. 1.*



*Fig. 2.*



WITNESSES:

*J. McArdle*  
*C. Sedgwick*

INVENTOR:

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BY

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# UNITED STATES PATENT OFFICE.

EDWARD WILLIAMS, OF LYNN, MASSACHUSETTS.

## MILK AND WATER COOLER.

SPECIFICATION forming part of Letters Patent No. 322,144, dated July 14, 1885.

Application filed April 7, 1885. (No model.)

*To all whom it may concern:*

Be it known that I, EDWARD WILLIAMS, of Lynn, in the county of Essex and State of Massachusetts, have invented a new and Improved Milk and Water Cooler, of which the following is a full, clear, and exact description.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in both the figures.

Figure 1 is a plan view of my invention with the covers removed. Fig. 2 is a vertical section.

The object of my invention is to provide a can for cooling milk or water in which the ice employed in cooling it is not brought in contact with the liquid to be cooled.

My invention consists in the construction and arrangement of parts, as will be herein after fully described, and specifically set forth in the claim.

The can or tank A is of the usual well-known description, provided with strengthening-bands *a* and handles *b*, and with a cover, *c*, adapted to tightly close the top of the can.

To the bottom of the can, and in the center thereof, is secured an inner tank, B, leaving an annular space, C, around it between its walls and the walls of the can A.

The inner can, B, is provided with stays or braces *e*, which are secured to the inner surface of the walls of the can A. A tube, *f*, extends from the inner can, B, through the

wall of the outer can, A, and is provided with a stop-cock, *g*. A stop-cock, *h*, communicates with the annular space C around the can B. Ice is placed in the can B, and the liquid to be cooled is placed in the annular chamber C around the can B, and is cooled by contact with the said can.

The water resulting from the melting of the ice may be drawn off through the stop-cock *g*, and the milk or water contained by the compartment C may be drawn off through the stop-cock *h*.

For convenience in handling my improved can, I have provided trunnions *i*, which are attached to the sides of the can A a little above the center of gravity of the said can, and are fitted to suitable supports which admit of tilting the can.

My improved can is especially adapted to the use of milk-dealers.

Having thus fully described my invention, I claim as new and desire to secure by Letters Patent—

As an improved article of manufacture, a cooler consisting of the can A, having two compartments, B C, separate faucets and covers, handles *b*, and trunnions *i* on the outer side of the said can, substantially as set forth.

EDWARD WILLIAMS.

Witnesses:

FRANK H. FRIZZELL,  
JOHN A. SMITH.