

J. C. JONES.

Refrigerators for Transporting Oysters, &c.

No. 142,703.

Patented September 9, 1873.

Fig. 1.

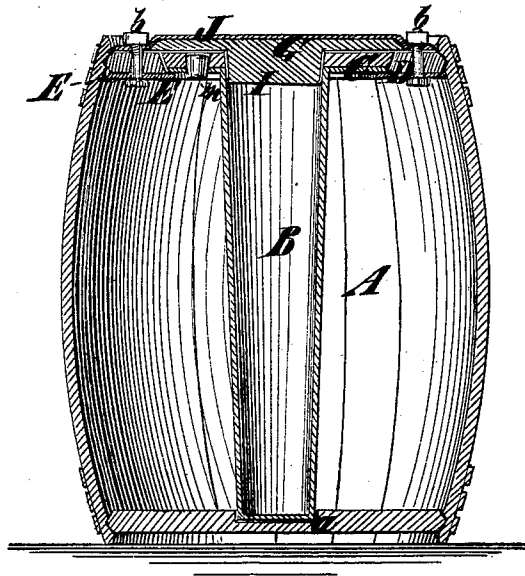
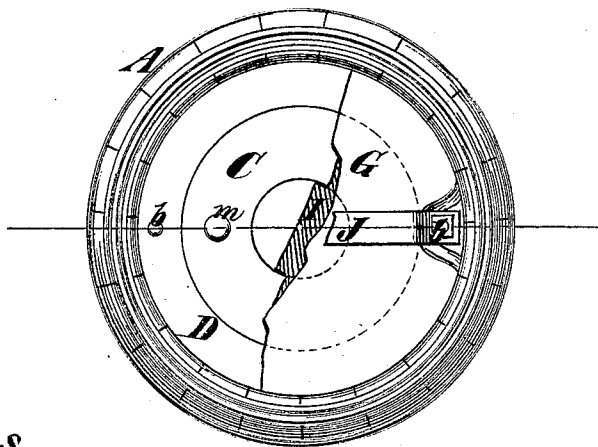


Fig. 2.



Witnesses

John Becker
Fred Harnes

J. C. Jones
by his attorneys
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UNITED STATES PATENT OFFICE

JAMES C. JONES, OF NEW YORK, N. Y.

IMPROVEMENT IN REFRIGERATORS FOR TRANSPORTING OYSTERS, &c.

Specification forming part of Letters Patent No. **142,703**, dated September 9, 1873; application filed June 25, 1873.

To all whom it may concern:

Be it known that I, JAMES C. JONES, of the city, county, and State of New York, have invented a Transportable Refrigerator, of which the following is a specification:

This refrigerator is designed for the transportation of articles while being kept in a state of preservation. It is specially adapted to the transportation of shelled oysters to distant places; and consists of a cask-like vessel or case and an inner removable concentric ice-chamber. The articles to be transported are introduced into the annular space around the ice-chamber. In the top of the refrigerator thus formed there is an annular sub-head, in which fits a flange on the top of the removable chamber. The latter is closed by a bung-piece on a cover, which seals the joint around it, and likewise secures a bung or stopple that closes the filling-mouth of the refrigerative space.

In the accompanying drawing, Figure 1 is a central longitudinal section of the improved refrigerator, and Fig. 2 is a sectional top view of the same.

Similar letters of reference indicate corresponding parts in both figures.

A indicates the outside shell or case of the refrigerator. It is made of cask-like construction, to facilitate its transportation from place to place. B is the removable ice chamber or reservoir, which is arranged concentrically within it. It consists of a sheet-metal cylinder, closed at the bottom, and provided around its upper edge or mouth with an extended flange, C, which fits into a seat in an annular sub-head, D, provided in the upper part of the cask A. Under this sub-head there is secured a sheet-metal flange or ring, E, which projects under the flange on the ice-chamber, and seals the joint between it and the sub-head, and likewise supports the chamber in place. The lower end of this ice-chamber fits within a recess, *a*, in the bottom of the cask, whereby it is held concentric within the cask. Instead of this recess, a ring might be secured to the

bottom for the same purpose. In this case I should make the ring flaring toward its upper edge, thereby the better to center the chamber. The refrigerator is closed by a cover, G, which laps over the joint between the flange of the ice-chamber and its seat in the sub-head of the cask, and is likewise provided with a bung-piece, I, which fits the mouth of the ice-chamber. This cover and its bung-piece will be, in practice, furnished with gaskets, to make good the joints in the refrigerator which it closes. A metal strap, J, crosses the cover G, so that its ends project beyond it and fit bolts *b b* in the sub-head D. Nuts applied to these bolts, outside the ends of the strap, secure the cover in place. The mouth *m*, through which the oysters or other articles are introduced to the refrigerator, is arranged in the flange C of the ice-chamber, and the cover G retains a bung or stopple in it. This whole refrigerator is in reality a refrigerating-cask. It might be made tub-shaped, if preferable.

The ice-chamber is made removable simply to facilitate the cleaning of the refrigerator after the removal of its contents.

The refrigerator thus formed is at once simple and cheap, and, moreover, can be transported with great facility from place to place. It is specially adapted to the transportation of shelled oysters to distant places. It is, withal, very strong and durable.

What I claim as my invention is—

The transportable refrigerator composed of the cask-like case, the removable concentric ice-reservoir supported by the sub-head C, and retained in place by entering a recess in the bottom of the case, as described, and the cover G, with its bung-piece I, all combined and organized substantially as and for the purpose herein set forth.

J. C. JONES.

Witnesses:

MICHAEL RYAN,
FRED. HAYNES.