

J. C. JONES.

Removable Refrigerator for Pails, &c.

No. 166,110.

Patented July 27, 1875.

Fig. 1.

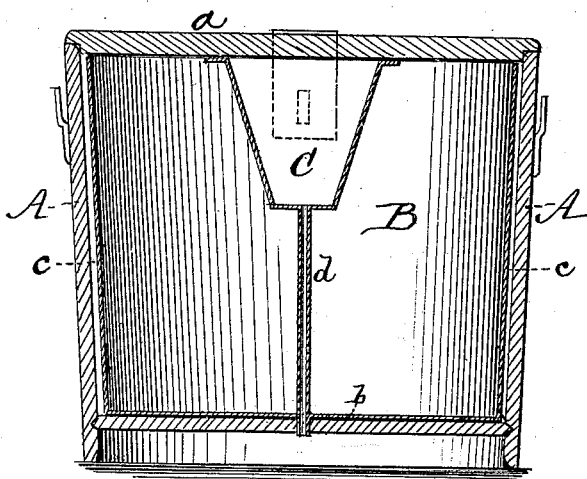
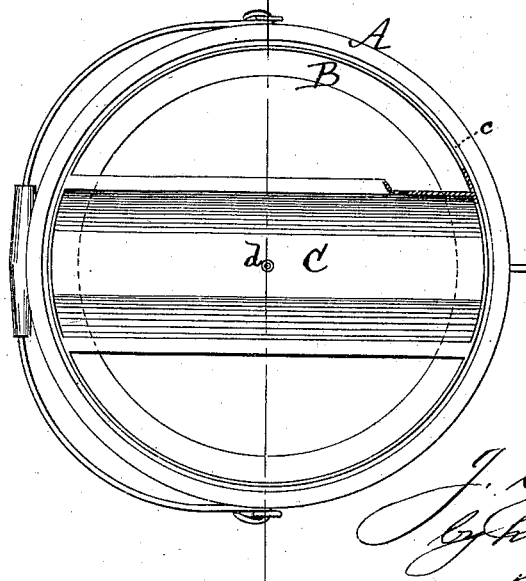


Fig. 2.



Witnesses  
John Becker  
Fred Wagner

J. C. Jones  
By his Attorneys  
Brown & Allen

# UNITED STATES PATENT OFFICE.

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

## IMPROVEMENT IN REMOVABLE REFRIGERATORS FOR PAILS, &c.

Specification forming part of Letters Patent No. **166,110**, dated July 27, 1875; application filed June 23, 1875.

*To all whom it may concern :*

Be it known that I, JAMES C. JONES, of New York, in the county and State of New York, have invented an Improved Removable Refrigerator, for Pails, Casks, and other vessels; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing, which forms part of this specification.

My invention relates to a means for keeping shelled oysters and similar articles in a state of preservation while being transported in pails, casks, or other vessels.

The invention consists in a novel construction of a removable lining and attached ice-chamber, to be used in connection with a pail, cask, or other vessel or package, as hereinafter particularly described.

In the accompanying drawing, Figure 1 is a vertical sectional view, representing my invention as applied to a covered pail or other vessel. Fig. 2 is a top view of the same.

A represents a pail or vessel, of any suitable construction, provided with a cover, *a*, furnished with suitable fastenings. B is the removable lining, which is made preferably of sheet metal. It is of cylindrical, tapering, or other suitable form, corresponding with that of the vessel in which it is to be used. The upper end of the lining B is open, and its lower end may be open, or may be provided with an attached bottom, *b*; or, said metallic bottom, *b*, may, if desired, be attached to the bottom of the vessel A. The diameter of the lining B is slightly less than that of the vessel A, so as to leave a space, *c*, between the inner surface of the vessel and the outer surface of the lining. In order to center and steady the lining, it may be provided with ribs on the outer surface to bear against the inner

surface of the vessel. In the upper part of the lining B is a chamber, C, for holding ice; which chamber extends diametrically across the center of the lining, and has its ends closed by an attachment thereto. The chamber may be of a tapering, trough-like form, as shown in Fig. 1, or of any other suitable form. The top of the chamber is on a level with the top of the lining, and it may extend downward to any suitable depth. The chamber C is provided with a pipe, *d*, extending downward from its bottom and passing through the bottom of the vessel A, for the purpose of carrying off the drippings from the ice placed in the chamber. If desired, there may be conducting wings extending from the tube and chamber to the sides of the lining; but as the ice-chamber connects directly with the lining, the metal thereof serves as a conducting medium.

The oysters or other articles are placed in the lining B, and the ice is placed in the ice-chamber C, and the lid of the vessel A is closed and secured in position so as to exclude the air and hold the lining in place; and, by reason of the conducting properties of the metal, the contents of the lining are kept cold and in a perfect state of preservation. The lining thus constructed may be readily removed from the pail or vessel when desired.

What I claim as new, and desire to secure by Letters Patent, is—

The removable open-topped lining B, provided with the ice-chamber C, having its ends closed by attachment to said lining, and furnished with the central waste-pipe *d*, as herein shown and described.

J. C. JONES.

Witnesses:

HENRY T. BROWN,  
MICHAEL RYAN.