

J. C. JONES.

REFRIGERATING OYSTER PACKAGES.

No. 190,333.

Patented May 1, 1877.

Fig. 1.

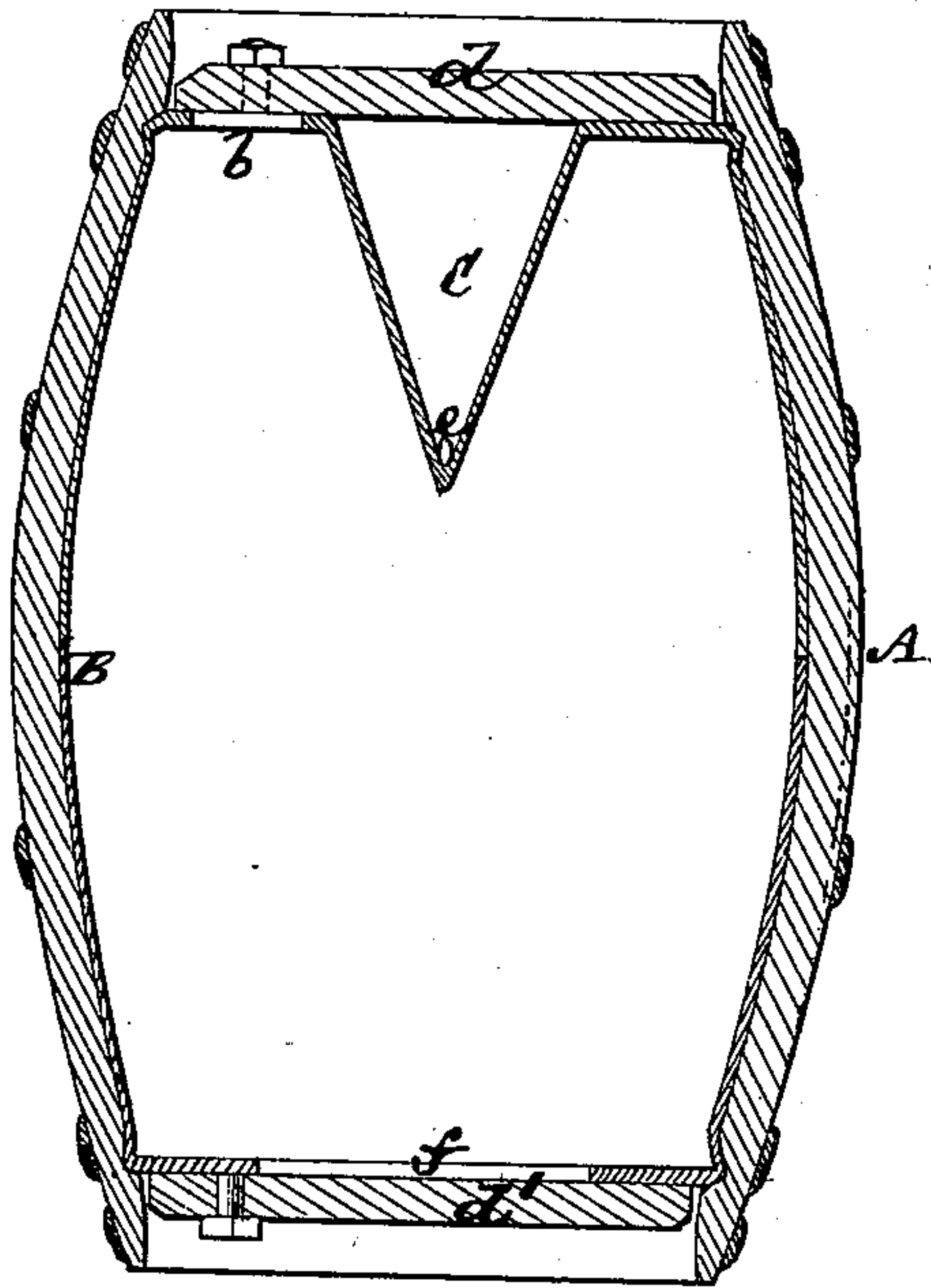
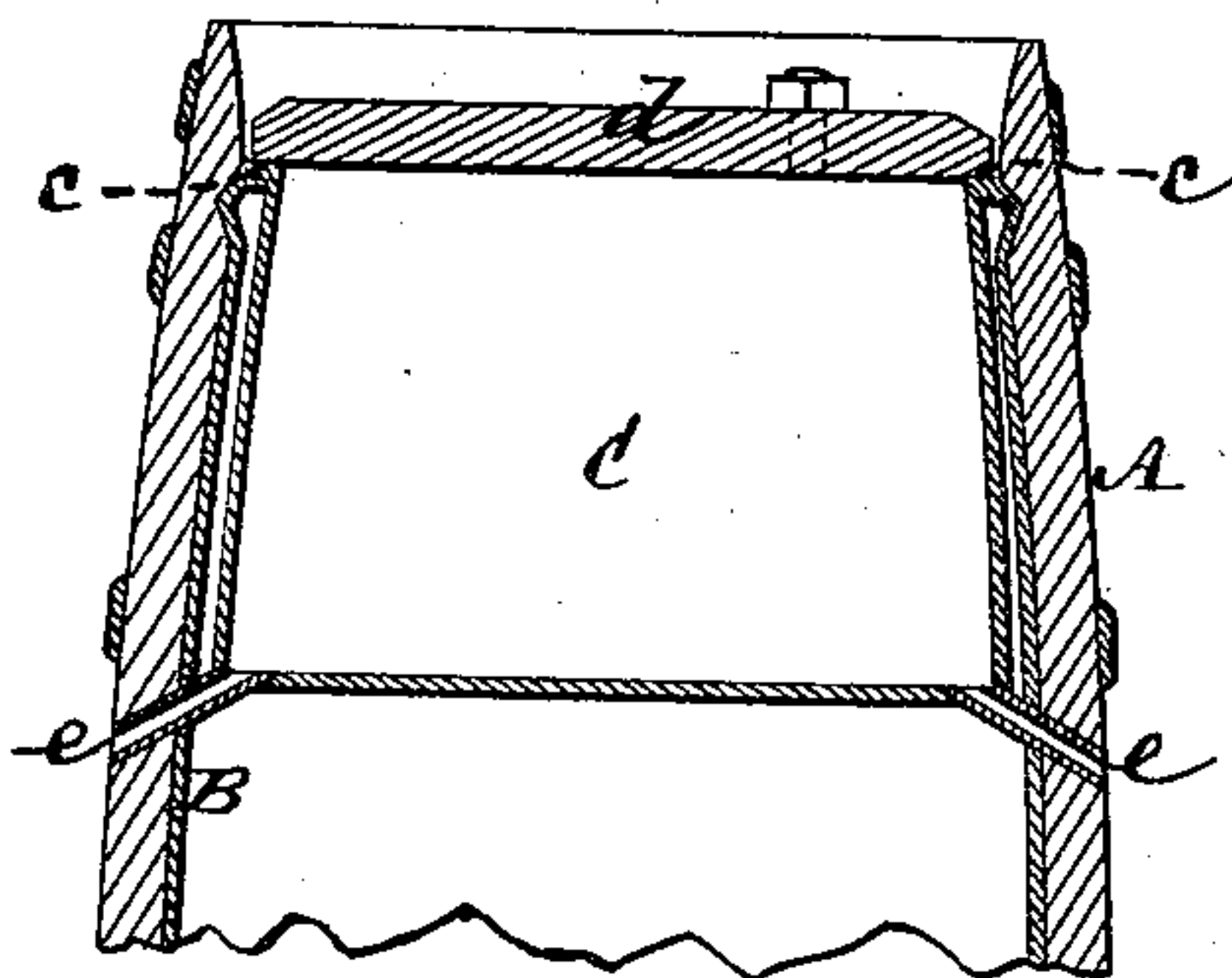


Fig. 2.



Witnesses:
Michael Ryan,
Fred. Hayner

Inventor.
James C. Jones
By his Attorneys
Brown & Allen

UNITED STATES PATENT OFFICE.

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

IMPROVEMENT IN REFRIGERATING OYSTER-PACKAGES.

Specification forming part of Letters Patent No. **190,333**, dated May 1, 1877; application filed March 6, 1877.

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 new and useful Improvement in Packages for Transporting Oysters and other Perishable Articles, of which the following is a description, reference being had to the accompanying drawing, forming part of this specification.

This invention relates to vessels or packages for keeping shelled oysters and other perishable articles in a state of preservation while being transported in bulk to distant places, said vessels or packages, which may be in the form of barrels, casks, tubs, or pails, being fitted with a metal lining, and being provided with one or more ice or refrigerating chambers.

The present invention has for its object the production of a vessel or package of the above description, having a permanent or irremovable metal lining, and constructed to provide a proper ice-receptacle, and, at the same time, proper means of removing, with facility, the contents of the vessel or package, and of cleaning the interior of the latter.

The invention consists in a vessel or package having a permanent metal lining, in which an ice-chamber, formed by a cavity in one end thereof, is combined with a removable head at the opposite end of the vessel, which is constructed to be filled at its one end, and to be discharged at its opposite end.

Figure 1 represents a longitudinal section of a cask or barrel having my invention applied; and Fig. 2, a like section, in part in a plane at right angles to Fig. 1.

A is a cask or barrel, having the usual or any suitable bilge, and fitted with a permanent metal lining, B, which is constructed with a cavity at one end of the vessel to form an ice-receptacle, C, and with a contracted filling-opening, *b*, for the oysters or other stock. Outside of or over this end of the lining is secured the filling-head *d* of the cask. This head may not only be supported by the lining B on either side of the ice-

chamber C, but also on the ends of the latter by constructing said chamber at its ends to form bearings *c c*, as shown in Fig. 2. As the duty of said filling-head is mainly to retain the ice within the chamber C, it may be secured by a simple bar running across the grain of the wood. Said chamber C is provided with one or more side outlets, *e*, for the drippings from the ice to the exterior of the cask.

The opposite end of the lining B to that in which the ice-chamber C is formed is provided with an enlarged opening, *f*, for discharging the contents of the cask. This opening is closed by a removable head, *d'*, which may be bolted to the portions of the lining surrounding the opening *f*; and as such head is but slightly protected by the lining B from pressure of the contents of the cask, a ring or annular plate may be arranged on said head beneath the bolts, which secure it.

The ends of the lining B may be of malleable iron, galvanized, and soldered to the sides thereof.

From the foregoing description it will be seen that only one end of the cask is opened for filling, and the other end for discharging. It will also be noticed that, on simply taking off the head *d'*, an enlarged or free opening, *f*, is presented for removing the oysters or other stock from the vessel, and for cleaning the vessel internally without removing the metal lining; also, that a suitable ice-receptacle, having no communication with the space which contains the stock, is provided at the opposite end of the vessel to that which is used for discharging the contents.

By using a permanent or irremovable lining, B, the latter is supported at all parts by the outside body or shell of the cask or vessel, which is preferable to using a removable and interchangeable lining, that is apt to be bruised when taken out of its case or vessel, and which presents no better facilities for cleaning than does a permanent lining when constructed and combined with a removable

head at the discharge end of the vessel, as described.

I claim—

The vessel or package having a permanent or irremovable metal lining, B, provided with one or more ice-chambers, C, at one end of the vessel, and with a filling-opening, *b*, at said end, in combination with a removable

head, *d'*, which covers and closes an enlarged discharge-opening, *f*, in said lining at the opposite end of the vessel, substantially as specified.

J. C. JONES.

Witnesses:

W. H. WIGHT,
WILLIAM PHAIR.