J. HOERR.

Cooling Attachment for Barrels.

No. 209,262. Patented Oct. 22, 1878.

Fig. 1.

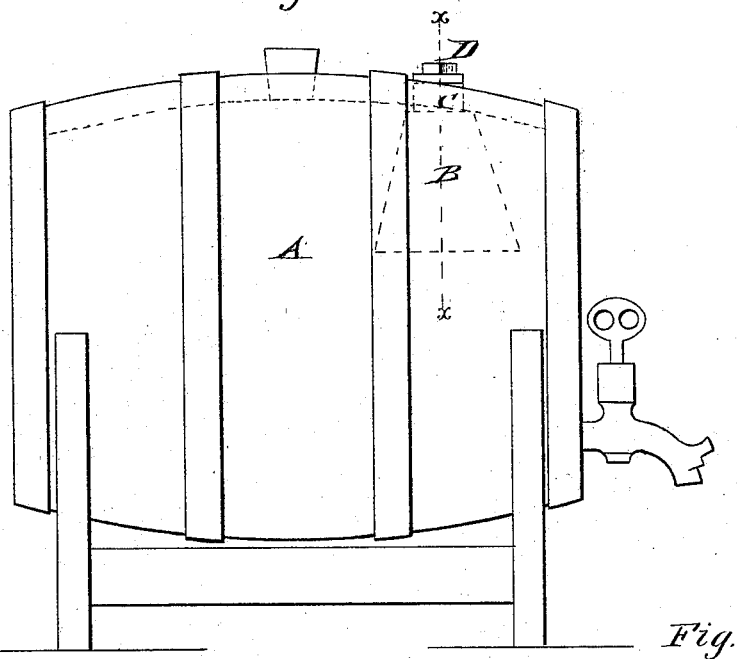


Fig. 2.

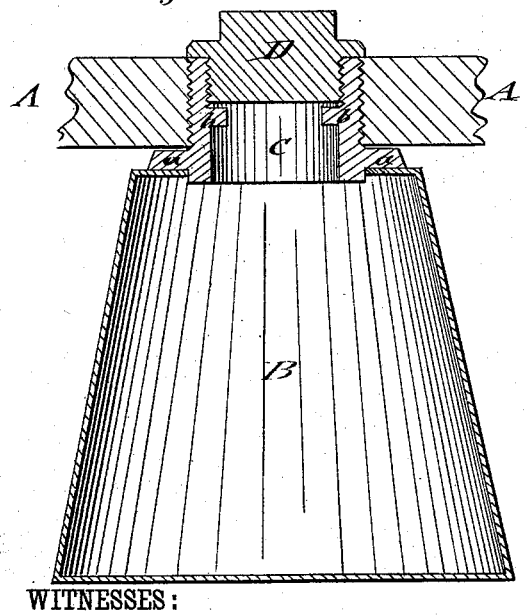
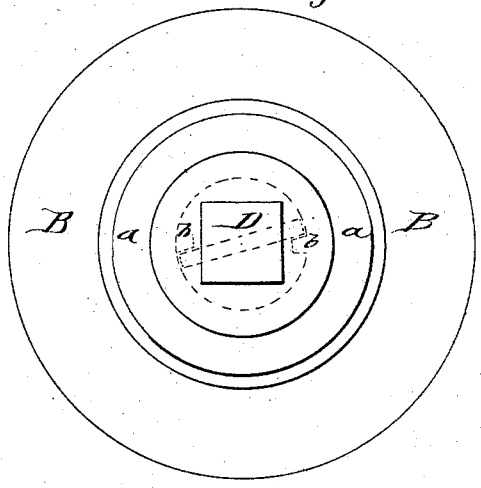


Fig. 3.



WITNESSES:

Henry N. Miller

C. Sedgwick

INVENTOR:

J. Hoerr

BY Munn & Co

ATTORNEYS.

UNITED STATES PATENT OFFICE.

JOHN HOERR, OF DENISON, TEXAS.

IMPROVEMENT IN COOLING ATTACHMENTS FOR BARRELS.

Specification forming part of Letters Patent No. **209,262**, dated October 22, 1878; application filed July 1, 1878.

To all whom it may concern:

Be it known that I, JOHN HOERR, of Denison, in the county of Grayson and State of Texas, have invented a new and Improved Cooling Attachment for Barrels, of which the following is a specification:

In the accompanying drawings, Figure 1 represents a side elevation of a barrel with my improved cooler attached; Fig. 2, a vertical central section of the cooler on enlarged scale, and Fig. 3 a top view of the same.

Similar letters of reference indicate corresponding parts.

This invention has for its object to furnish a compact cooling attachment for lager-beer, ale, and other barrels, by which, with but a small expense for ice, the contents may be kept in a cool state for a considerable length of time; and the invention consists of a suitable vessel or receptacle that is soldered to a flanged cast-metal neck and screwed by the same permanently from the inside of the barrel into one of the staves or heads of the same. The vessel is filled with ice and salt, and closed by a screw-plug.

Referring to the drawings, A represents a lager-beer, ale, or other barrel or keg, of any suitable size, and B a vessel or receptacle that is made of galvanized iron, and of a size proportioned to the size of the barrel.

The vessel B is soldered or otherwise attached to a brass neck, C, which is screwed by an exterior screw-thread into a hole of one of the staves or heads of the barrel, preferably at that end on which the barrel or keg is tapped for being emptied. The neck is inserted into the hole of the stave with the vessel at the interior of the barrel, and then screwed up until its bottom flange, *a*, bears on the stave. The neck is screwed up by a wrench that takes hold of interior projections or studs *b* of the neck.

The neck C is closed by a plug, D, that screws into an interior screw-thread of the neck, the inner thread being cut in opposite direction to the outer thread, so that by tightly closing the plug the neck is also more tightly fastened to the barrel.

The cooling-vessel B is filled from the outside with ice and salt or other cooling mixture, which keeps the contents of the barrel at a low temperature with little expense. As the vessel is closed and no air admitted to the same the ice keeps for a considerable length of time, and reduces and retains by the large cooling-surface of the vessel the temperature of the beer or other contents of the barrel in effective and economical manner, forming thus a cheap and useful cooling attachment for barrels, that is of special convenience for picnic and other purposes, as it dispenses with the large and unhandy refrigerators and with unnecessary waste of ice.

I am aware that it is not new in cooling attachments for barrels or casks to use a removable central ice-reservoir supported by a sub-head and closed by a bung-piece on a removable main cover, or to use a bushing with screw-threads inside and outside and a screw-bung; but

What I claim is—

The combination, with barrel A and vessel B, of the flanged neck C *a*, provided with interior studs *b*, by means of which it may be screwed into barrel A from the inside, the neck C being soldered at its lower end under flange *a* to the vessel B, as shown and described.

JOHN HOERR.

Witnesses:
ED. WASKOM,
RICHARD P. BECKER.