J. HOFFMAN

BEER-CASK.

No. 192,916. Patented July 10, 1877.

Fig. 1

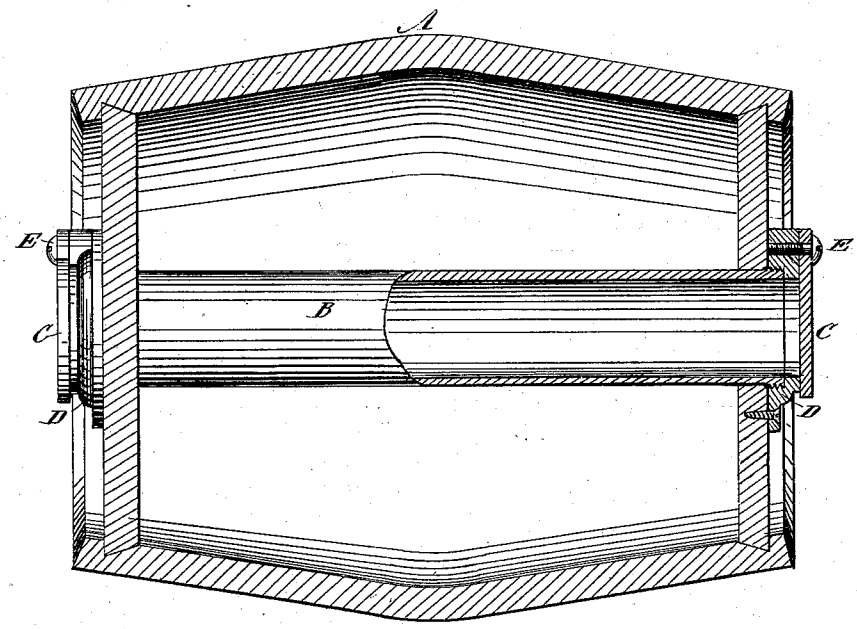
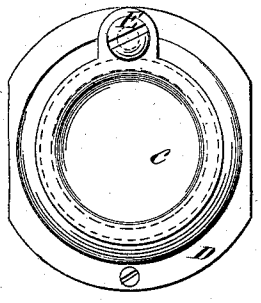


Fig. 2



WITNESSES:

C. Neveux

J. H. Scarborough.

INVENTOR:

J. Hoffman.

BY

Munn & Co

ATTORNEYS.

N. PETERS, PHOTO-LITHOGRAPHER, WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

JOHN HOFFMAN, OF TOLEDO, OHIO.

IMPROVEMENT IN BEER-CASKS.

Specification forming part of Letters Patent No. **192,916**, dated July 10, 1877; application filed March 19, 1877.

To all whom it may concern:

Be it known that I, JOHN HOFFMAN, of Toledo, in the county of Lucas and State of Ohio, have invented a new and useful Improvement in Casks, Barrels, Hogsheads, &c., of which the following is a specification:

My invention relates to an improvement in the class of barrels or other casks for holding liquors which are provided with a metal tube extending from end to end, and fastened to the heads, for the purpose of facilitating cooling or warming the contents.

My improvement relates particularly to closing the ends of such tube by means of adjustable caps, pivoted to rings or boxes which are attached to the heads of the cask, and inclose the ends of the tube, as hereinafter described.

In the accompanying drawing, Figure 1 is a sectional elevation of a barrel provided with my improvement, and Fig. 2 is a plan of one of the caps or covers for closing the ends of the tube.

A is the barrel or cask, and B the metal tube passing through the center of the heads. A ring or annular box fits snugly over each end of the tube, and is secured to the cask-heads by means of screws or equivalent devices. The tube B is thus held securely in place, and leakage prevented at the joint. The caps or covers C, for closing the ends of the tube, are flat and circular in form, but provided with a lug, through which passes a screw, E, that forms the pivot around which the cap or cover is adjusted in opening or closing the tube.

The caps or covers C serve to hold in the tube any solid or liquid substance that may be placed therein for the purpose of warming or cooling the contents of the cask, and also permit it to be easily discharged when no longer required for use.

What I claim is—

In combination with the tube applied to a barrel or other cask, the pivoted adjustable caps or covers and the rings or annular boxes, as shown and described, for the purpose specified.

JOHN HOFFMAN.

Witnesses:
E. P. RAYMOND,
PAUL RAYMOND.