

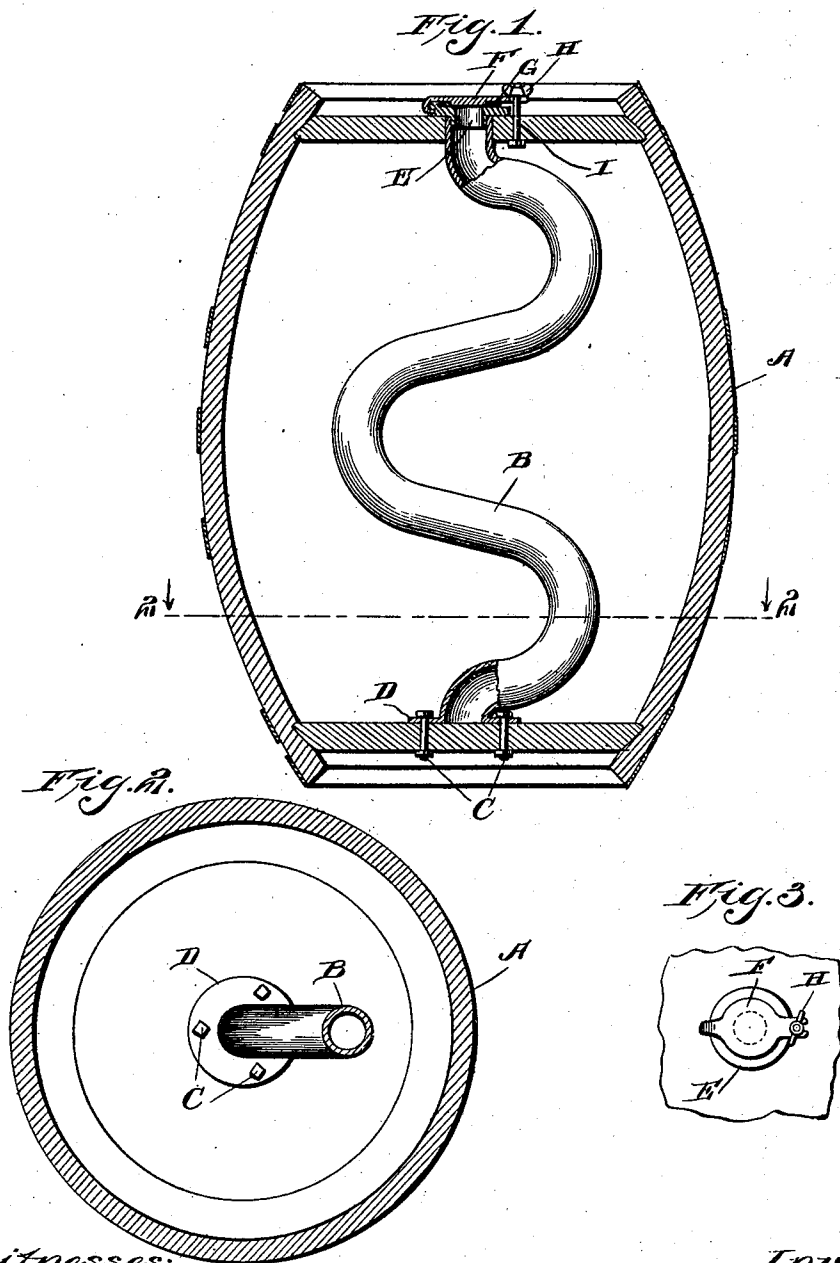
No. 722,509.

PATENTED MAR. 10, 1903.

S. M. J. HOUSE.
COOLER FOR KEGS OR CASKS.

APPLICATION FILED MAR. 19, 1902. RENEWED DEC. 23, 1902.

NO MODEL.



Witnesses:

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UNITED STATES PATENT OFFICE.

SAMUEL M. J. HOUSE, OF GAPLAND, MARYLAND, ASSIGNOR OF ONE-HALF
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COOLER FOR KEGS OR CASKS.

SPECIFICATION forming part of Letters Patent No. 722,509, dated March 10, 1903.

Application filed March 19, 1902. Renewed December 23, 1902. Serial No. 136,384. (No model.)

To all whom it may concern:

Be it known that I, SAMUEL M. J. HOUSE, a citizen of the United States, residing at Gapland, county of Washington, and State of Maryland, have invented a certain new and useful Improvement in Coolers for Kegs or Casks, of which the following is a specification.

My invention relates to a new and useful improvement in coolers for kegs or casks, and has for its object to provide the kegs or casks with an interior receptacle one end of which opens through one head of the keg, and into this receptacle may be placed cracked ice, liquid air, or any cooling substance for the purpose of cooling the contents of the keg or cask.

With these ends in view this invention consists in the details of construction and combination of elements hereinafter set forth and then specifically designated by the claim.

In order that those skilled in the art to which this invention appertains may understand how to make and use the same, the construction and operation will now be described in detail, referring to the accompanying drawings, forming a part of this specification, in which—

Figure 1 represents a vertical section through a keg, showing my improvement applied thereto. Fig. 2 is a section on the line 2 2 of Fig. 1; Fig. 3, a detail plan view of the closure for the mouth of the tube.

In the drawings, A represents a cask or keg of ordinary construction, such as used for the transportation of beer, ales, and other liquids.

B is a tube of metal, preferably made in a spiral shape or composed of compound bends for the purpose of allowing the tube to be of greater length upon the interior of the cask. The lower end of this tube is closed against the lower head of the barrel by means of the bolts C, passing through the head and also through the flange D, formed upon the lower end of the tube. The upper end of the tube D extends upward through an opening formed through the upper head of the cask or keg and is there provided with a flanged nipple

E, and this upper opening is adapted to be securely closed by means of a clamp F, which closes down over the opening, so as to press a rubber ring G between the clamp F and the flanged nipple E. This clamp F is held closed by means of the thumb-screw H, which is threaded upon the upper end of a bolt I, which passes through the head of the cask.

When it is desired to cool the contents of the keg, the tube B is filled with cracked ice, liquid air, or any cooling substance, and then the upper end of the tube is closed by the clamp F, so as to prevent any of the ice or water from escaping. Thus the contents of the cask or keg can be kept cool while in transit without the aid of refrigerating-cars or any other outside method of refrigerating.

This device would be of great advantage where the liquid is to be used at places having no ice-boxes or any other means of keeping the contents of the cask or keg cool—as, for instance, at picnics or other outside gatherings or when used in private houses or club-rooms.

Of course I do not wish to be limited to the exact construction here shown, as slight modifications could be made without departing from the spirit of my invention.

Having thus fully described my invention, what I claim as new and useful is—

In a device of the character described, a bent tube having an outwardly-extending flange on its end, bolts for fastening the flange to a keg-head, the opposite head having a hole in which the opposite end of the tube terminates a nipple in the last-named end of the tube, a flange on the nipple, a cap having a curved lug fitting under the flange of the nipple, a bolt run through the head and through a hole of the cap and a thumb-screw for clamping the cap in position, as and for the purpose described.

In testimony whereof I have hereunto affixed my signature in the presence of two subscribing witnesses.

SAMUEL M. J. HOUSE.

Witnesses:

PETER NICODEMUS,
E. C. SHAFER.