

L. BAEPLER.

BEER-COOLER.

No. 172,687.

Patented Jan. 25, 1876.

Fig. 1.

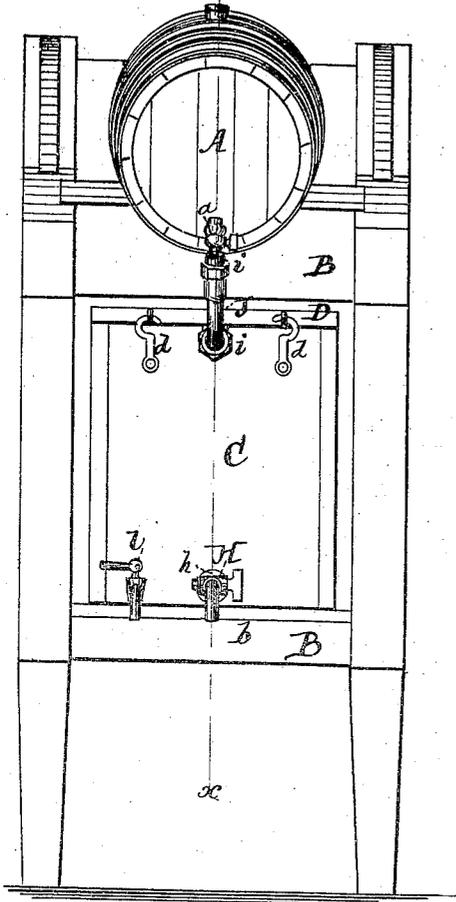
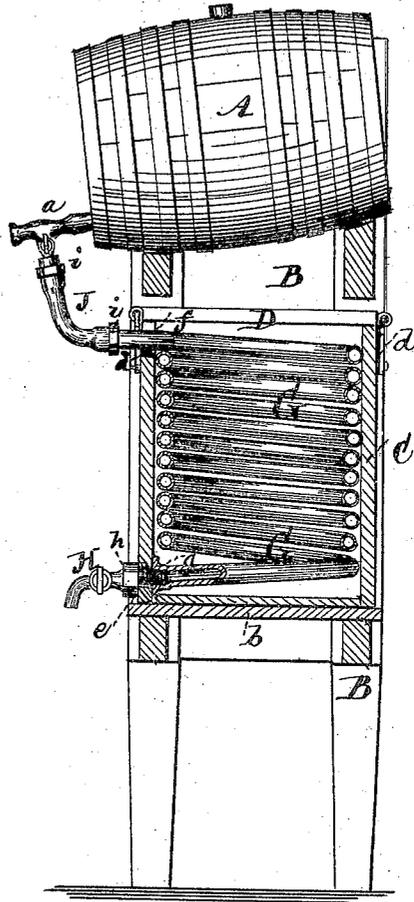


Fig. 2.



Witnesses  
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# UNITED STATES PATENT OFFICE.

LOUIS BAEPLER, OF NEW YORK, N. Y.

## IMPROVEMENT IN BEER-COOLERS.

Specification forming part of Letters Patent No. 172,687, dated January 25, 1876; application filed October 22, 1875.

*To all whom it may concern:*

Be it known that I, LOUIS BAEPLER, of New York, in the county and State of New York, have invented an Improved Lager-Beer Cooler; and I do hereby declare that the following is a full, clear, and exact description of the same.

My invention relates to an apparatus which may be readily applied to a keg or barrel of any description, so as to cool the beer after it leaves the barrel.

The invention consists of an ice-chamber, provided with an opening at the bottom for the insertion of a cock to be attached to the lower end of the cooling-coil, and an open-topped slot at the top for the insertion and removal of the upper end of the coil, and a cover for closing said chamber, as hereinafter described and shown.

In carrying out my invention I construct the ice-chamber of suitable dimensions to enable it to be readily placed on or under the stand or frame which supports the beer keg or barrel. The coil of pipe is of suitable size to be readily placed in and removed from the ice-chamber. The upper end of the coil is arranged to protrude through an opening in the ice-chamber, and is provided with a coupling for connecting it with the keg or barrel. The lower end of the coil is provided with a flange fitting closely around an opening in the ice-chamber, and with an internal thread for the reception of a screw-shank on a faucet provided with a flange, so that said faucet may be readily attached to the coil, and form a tight joint around the opening in the ice-chamber, and as readily removed to allow of the removal of the coil and the cleansing of the ice-chamber.

The accompanying drawing illustrates a mode of carrying out my invention. Figure 1 is a front view of a stand or frame supporting a keg or barrel, and provided with my improved cooling apparatus. Fig. 2 is a vertical section taken in the line *xx* of Fig. 1.

The stand or frame B may be of any suitable construction, with its top constructed for receiving and holding a keg or barrel, A, beneath which provision is made for the reception and support of the ice-chamber. This

chamber may be of any suitable form and material. It is here shown as a square box or case, C, resting upon a shelf, *b*, in the lower part of the frame B, and provided with a removable cover, D, which may be held in place by hooks *d*, or in any other suitable manner. In the lower part of one side of the chamber is an opening, *e*, and in the upper part is a notch, *f*, for the purpose hereinafter described.

The coil of pipe G is of such dimensions as to enable it to be readily placed in and removed from the ice-chamber. The lower end of the coil is provided with a flange or collar, *g*, fitting closely to the opening *e*, and is internally threaded for the reception of the screw-shanks of a faucet, H. Said faucet is also provided with a flange or collar, *h*, so that, when the shank of the faucet is inserted through the opening *e* into the internally-threaded portion of the coil and screwed up tightly, the two collars or flanges *g h* will clamp the portion of the chamber surrounding the opening *e*, and form a tight joint.

If desired, one or both of the flanges may be provided with packing.

The upper end of the coil G passes out through the notch *f*, and is connected to the faucet *a* of the keg A by any suitable means. The means here shown consists of a pipe, J, provided with couplings *i i*, one of which is connected to the coil and the other to the faucet *a*.

The ice-chamber C, containing the coil G, is packed with ice, and the coil is thus kept cold. The cask A being connected with the coil, as shown, the beer issuing from the cask passes through the coil G, and is cooled before reaching the faucet H, through which it is drawn to be served.

A cock, *l*, is provided for drawing the water from the chamber C.

When it is desired to cleanse the coil or chamber, or both, the coupling-pipe J is disconnected and the chamber C removed from its seat. The cover D is removed from the chamber, the faucet H is unscrewed and withdrawn, and the coil G may then be readily lifted from the chamber, and both the coil and the chamber cleansed and the coil replaced.

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

The ice-chamber C, provided with an opening, e, at the bottom for the insertion of the cock E, an open-topped slot, F, at the top for the insertion and removal of the coil G, and a cover, D, for closing said chamber, the whole

constructed and arranged substantially as described.

LOUIS BAEPPLER.

Witnesses:

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