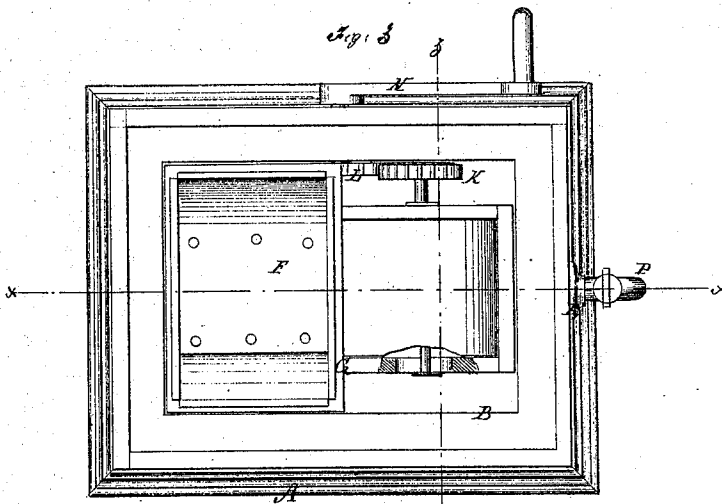
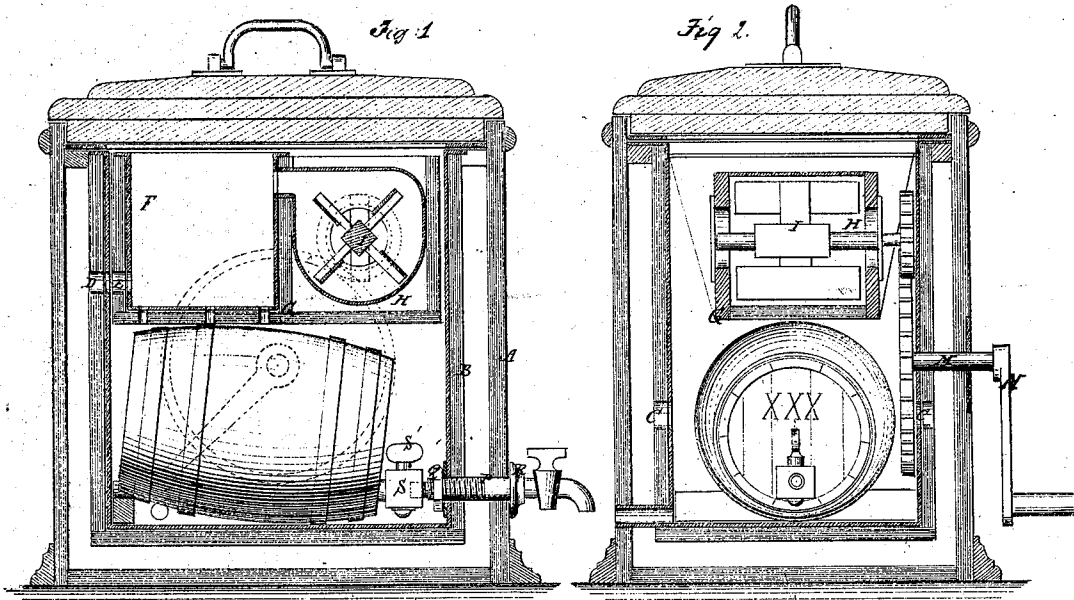


E. C. Bundy,

Beer Cooler.

No. 100,852.

Patented Mar. 15. 1870.



Witnesses:

Chas. Nida
L. S. Mabe

Inventor:

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United States Patent Office.

E. C. BUNDY, OF ONEONTA, NEW YORK.

Letters Patent No. 100,852, dated March 15, 1870.

IMPROVED PORTABLE BEER-COOLER.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, E. C. BUNDY, of Oneonta, in the county of Otsego, and State of New York, have invented a new and improved Portable Beer-Cooler; and I do hereby declare that the following is a full, clear, and exact description of the same, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification.

This invention relates to improvements in apparatus for keeping beer cool in warm weather while on draught, and consists in a portable cooler adapted for the ready reception of the cask to be drawn, and for attachment of the faucet for drawing the beer through the case, and furnished with an ice-receptacle and a fan-blowing apparatus arranged for the drip to fall upon the cask, and for causing, when required to cool the beer quickly, a rapid circulation of the air within the case, all as hereinafter more fully specified.

Figure 1 is a sectional elevation of my improved cooler, taken on the line $x x$ of fig. 3.

Figure 2 is a sectional elevation of the same, taken on the line $z z$, fig. 3, and

Figure 3 is a plan view of the same with the top removed.

A is the exterior case and B the interior one, made in any suitable way, and arranged with a space between.

The walls of the case B have large holes C at the sides, near the bottom, and another hole, D, is placed in one end to coincide with a hole, E, leading into the ice-case F, which is one of the compartments of a detachable case, G, fitted to be let down into the top of the case B, and rest on the top by suitable flanges.

The other compartment H of the case contains a fan-blower, I, the pinion K of which gears with a large wheel, L, in the case B, and on shaft M, projecting through the two cases, and having a driving-crank, N.

This fan draws the air in at the end, and forces it through the ice-box F and passages E D into the space between the two cases, and back through the hole c into the inner case and against the sides of the beer-casks, so that it is rapidly cooled and brought into direct contact with the cask, cooling it quickly when required, as in the case of casks when first put in and from which it is required to draw at once.

The faucet P is screw-threaded, and at the inner end has a nut, Q, which draws the collar R at the outside up against the side of the case, and the inner end into the plug S, which is attached to the cask before it is put in the case, and has a cock, S.

This apparatus is applicable, also, for cooling any liquid or edible substance in like manner, but is more especially designed for cooling beer in casks, as above shown.

Having thus described my invention,

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

1. A portable beer-cooling case, A B, fan-blower, and an ice-chamber, arranged for operation substantially as specified.

2. The combination with the case A B and driving-wheel K, of the detachable case G, comprising the ice-chamber and fan-case, and provided with the fan and driving-pinion, all substantially as specified.

3. The combination with the cases and cask, of the plug S and adjustable faucet P, substantially as specified.

The above specification of my invention signed by me this 26th day of January, 1870.

E. C. BUNDY.

Witnesses:

GEO. W. MABEE,
ALEX. F. ROBERTS.