

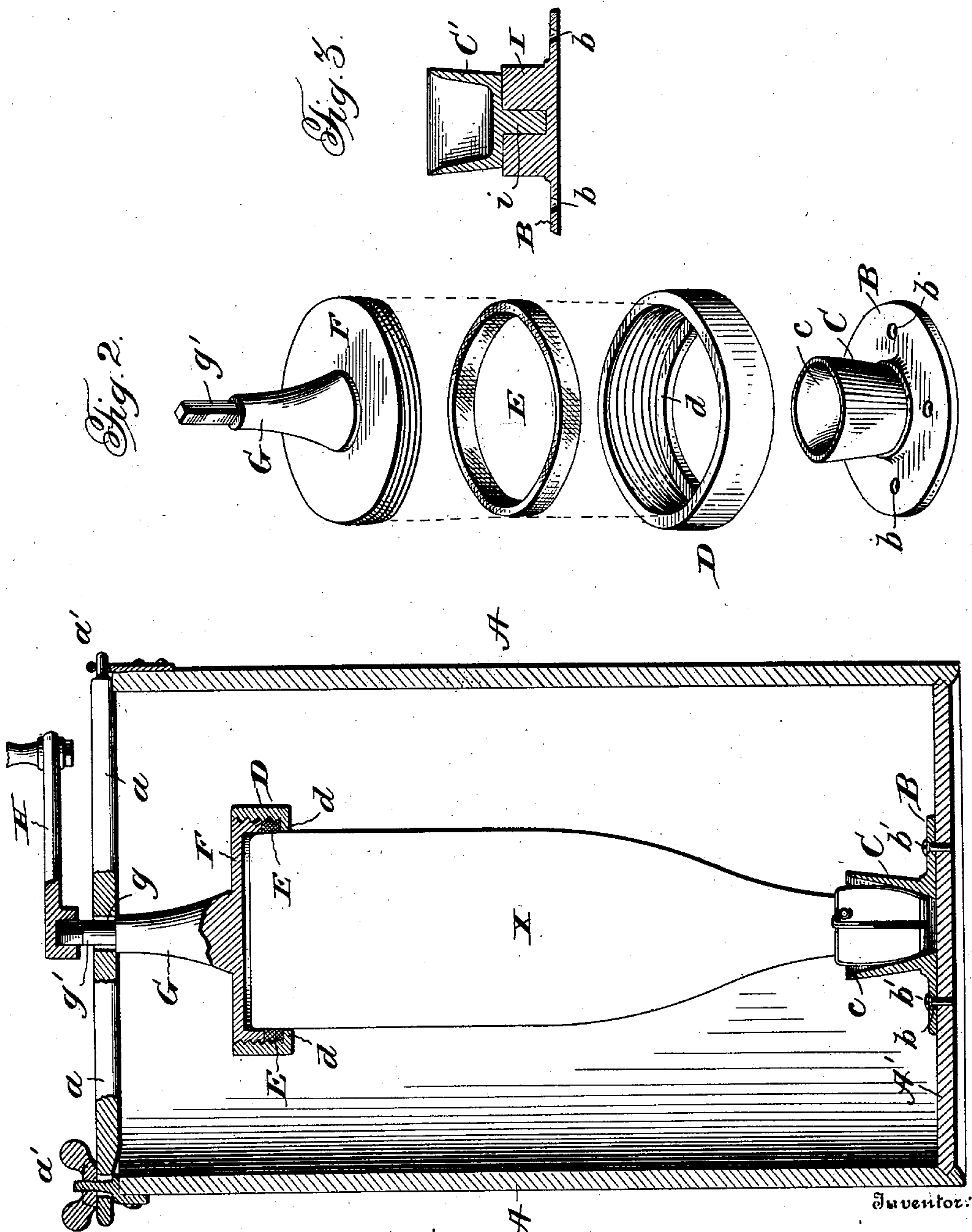
No. 747,548.

PATENTED DEC. 22, 1903.

C. P. GLIEM.
WINE COOLER.

APPLICATION FILED SEPT. 5, 1903.

NO MODEL.



Witnesses:

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Fig. 1.

By

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UNITED STATES PATENT OFFICE.

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WINE-COOLER.

SPECIFICATION forming part of Letters Patent No. 747,548, dated December 22, 1903.

Application filed September 5, 1903. Serial No. 172,154. (No model.)

To all whom it may concern:

Be it known that I, CHRISTIAN P. GLIEM, a citizen of the United States, residing at Washington, District of Columbia, have invented certain new and useful Improvements in Wine-Coolers, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention relates to a novel cooler, and has for an object the provision of a device of this character adapted for the cooling of wines and other bottled liquids.

The invention comprehends a cooler comprising a tub or other receptacle, a bearing or centering device in the base of the receptacle, and means in the upper portion of the receptacle for clamping the bottom of the bottle to support the same in inverted position within said receptacle, and also, preferably, instrumentalities whereby the bottle may be rotated within a cooling medium interposed between the same and the wall of the casing.

The novel details in the construction and arrangement of the several parts of the device will be apparent from the detailed description hereinafter when read in connection with the accompanying drawings, forming part hereof, and wherein a convenient embodiment of the invention is illustrated.

In the drawings, Figure 1 is a vertical sectional view through the cooler. Fig. 2 is a perspective view of the same, showing the several parts separated; and Fig. 3 is a sectional view of a slightly-modified detail.

Referring more particularly to the drawings, wherein like reference characters refer to corresponding parts in the several views, A designates a receptacle in the nature of an ordinary freezing-tub or other desired type having a removable cross-bar *a*, at the top thereof, and instrumentalities, such as *a'*, for rigidly securing the same in place during the operation of the device. In the base of the receptacle I provide a disk B, having a series of apertures *b*, through which securing nails or screws *b'* pass to fasten the disk to the bottom A' of the receptacle. This disk has an upwardly-extending bearing or centering device C, the same being substantially circular in cross-section and having an upwardly-flaring interior *c* for the reception of the mouth or neck of the bottle X, containing the

liquid desired to be cooled. This cup-bearing, as may be found expedient, may be utilized as a support upon which the mouth of the bottle may pivot, or the bottle may be wholly suspended from means to be hereinafter described, when the cup will serve to center the bottle and prevent lateral deflection and breakage of the same, which might be incident to the unequal pressures of ice therearound.

An interiorly-screw-threaded ring D is adapted to be supported in the upper portion of the tub or receptacle in a position to receive the bottom of the bottle X. In order to clamp the bottle to the ring just mentioned, the same has an annular bottom flange *d*, the opening within which approximates the diameter of the lower body portion of the bottle to be supported therein. Upon this flange a rubber or other expansible ring or gasket E rests, the same being arranged to be compressed and projected into firm frictional engagement with the outer surface of the bottle through the medium of an exteriorly-threaded disk F, having an adjustable engagement with the threaded interior of the ring D. This disk carries an upwardly-projecting stem G, adapted to project through an aperture *g* in the cross-bar *a* of the tub, an angular extension *g'* thereof protruding beyond said cross-bar into a position to be engaged by an operating-crank H. The size of the clamping device and the length of its stem G depend simply upon the size of the bottle to be manipulated, such devices being obviously interchangeable in a single tub to constitute a cooler for a pint, quart, or other bottle from which the liquors are dispensed.

In Fig. 3 the cup, represented by C' in this instance, is shown as provided with a pin or projection *i*, fitting loosely within the bearing I on the disk B, whereby the cup is rotatable in said bearing.

The showing made herein being simply for the purpose of facilitating a clear understanding of the invention, it is to be understood that slight changes and alterations in the structural details herein may be made without in the least departing from the spirit of the invention, and, further, that the invention is in no sense to be limited to any such details excepting in so far as the same may be

specifically included in the hereto-appended claims.

Having thus described the invention, what is claimed as new, and desired to be secured by Letters Patent, is—

1. In a cooler of the character described, a receptacle, a bearing at the bottom thereof adapted to receive the neck of a bottle, means for clamping the bottom portion of the bottle in the upper part of the receptacle including a ring, a cooperating disk adjustably connected thereto, and an expansible gasket between said ring and disk, and instrumentalities operatively associated with said clamping means for rotating the bottle.

2. In a cooler of the character described, a receptacle, means for clamping the base of a bottle at the upper portion of the receptacle including a ring, a cooperating disk adjustably connected thereto, and an expansible gasket between said ring and disk, and instrumentalities operatively associated with said clamping means for rotating the bottle.

3. In a cooler of the character described, a receptacle, and means for clamping the bottom portion of a bottle and suspending the same at the upper part of the receptacle including a ring, a cooperating disk adjustably connected thereto, and an expansible gasket between said ring and disk.

4. In a cooler of the character described, a receptacle, means at the upper portion of the same for clamping a bottle, the same comprising opposing members, and an expansible gasket therebetween.

5. In a cooler of the character described, a receptacle, means at the upper portion of the same for clamping a bottle, the same comprising opposing adjustable members, an expansible gasket therebetween, in combination with instrumentalities operatively associated with said clamping means for rotating the same.

6. In a cooler of the character described, a receptacle, means at the upper portion of the same for clamping a bottle, the same comprising opposing adjustable members, an expansible gasket therebetween, in combination with instrumentalities operatively associated with said clamping means for rotating the same including a stem carried by one of the opposing members, and an operating device connected thereto.

In testimony whereof I affix my signature in presence of two witnesses.

CHRISTIAN P. GLIEM.

Witnesses:

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