No. 880,075. PATENTED FEB. 25, 1908.

J. R. HALLORAN.

APPARATUS FOR COOLING AND DISPENSING BEVERAGES.

APPLICATION FILED MAY 27, 1907.

2 SHEETS—SHEET 1.

Fig 1

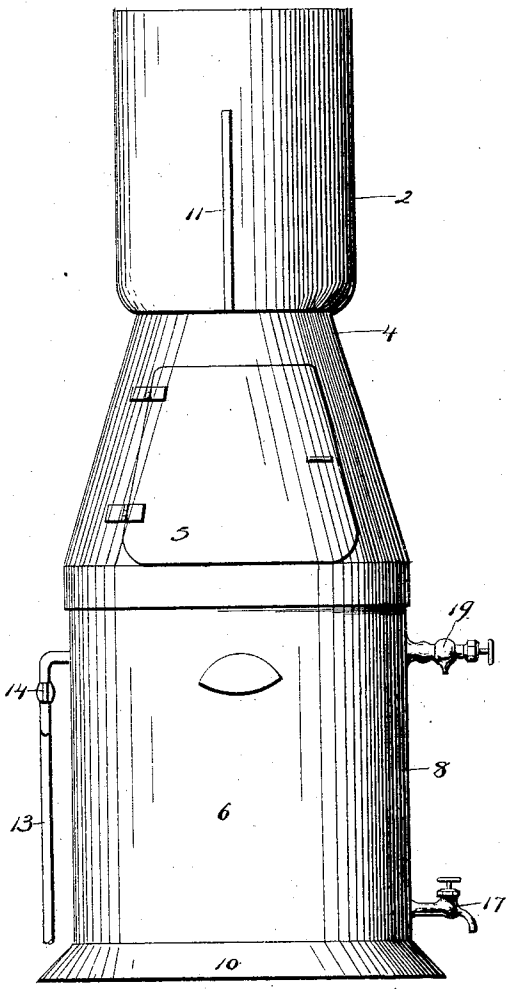
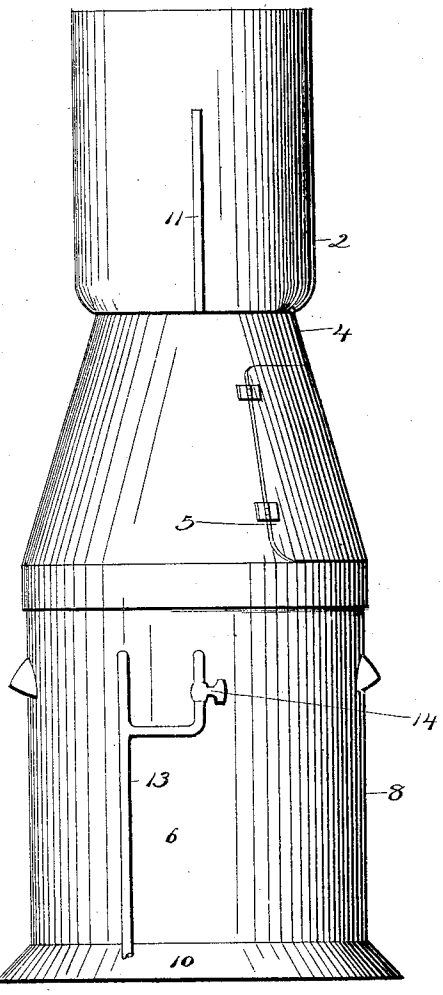


Fig 2



Witnesses.
J. H. Shumway.
C. J. Reed.

James R. Halloran.
Inventor.
By Atty. Seymour & Earle

THE NORRIS PETERS CO., WASHINGTON, D. C.

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2 SHEETS—SHEET 2.

Fig 3

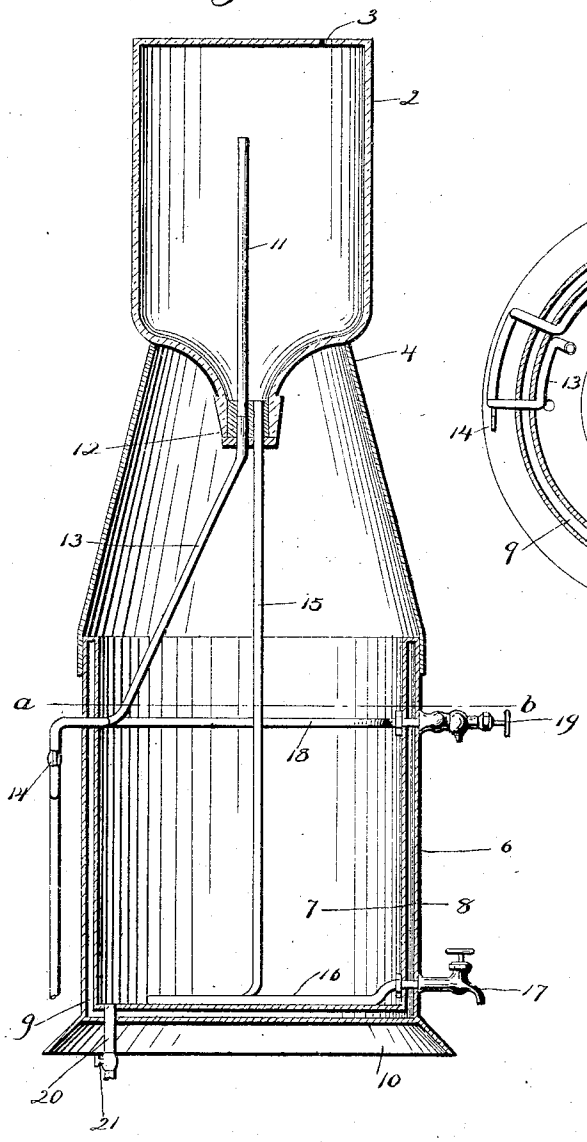
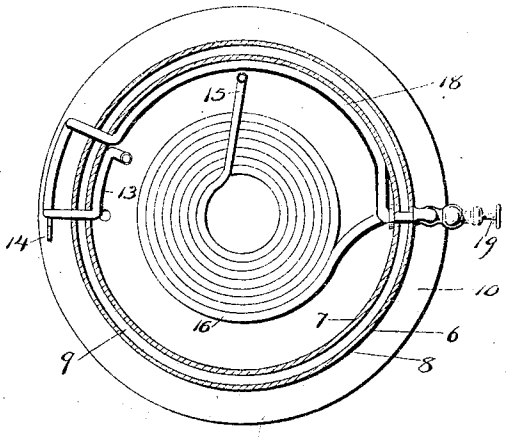


Fig 4.



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UNITED STATES PATENT OFFICE.

JAMES R. HALLORAN, OF NEW BRITAIN, CONNECTICUT.

APPARATUS FOR COOLING AND DISPENSING BEVERAGES.

No. 880,075. Specification of Letters Patent. Patented Feb. 25, 1908.

Application filed May 27, 1907. Serial No. 375,985.

To all whom it may concern:

Be it known that I, JAMES R. HALLORAN, a citizen of the United States, residing at New Britain, in the county of Hartford and State of Connecticut, have invented a new and useful Improvement in Apparatus for Cooling and Dispensing Beverages; and I do hereby declare the following, when taken in connection with the accompanying drawings and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent, in—

Figure 1 a view in elevation of my improved cooling and dispensing apparatus. Fig. 2 a view thereof in rear elevation. Fig. 3 a vertical sectional view of the same. Fig. 4 a view in horizontal section on the line *a*—*b* of Fig. 3 and looking downward.

My invention relates to an improvement in apparatus for cooling and dispensing beer and kindred beverages, the object being to provide a simple, convenient and effective device not only providing for cooling and attractively dispensing beverages, but also a cold box for cold bottles and steins.

With these ends in view my invention consists in an apparatus for cooling and dispensing beverages, constructed and arranged as will be hereinafter described and pointed out in the claims.

In carrying out my invention as herein shown, I employ a large inverted bottle 2 having a vent 3 in its "topside" bottom and supported in an inverted position in the top of a tapering or cone-like hood 4 having a door 5 and itself mounted upon the top of a cold box 6 having an inner wall 7 and an outer wall 8 separated by an annular insulating space 9 which may be filled with any insulating material, such as cork, chemical cotton or the like. The said chamber 9 also extends under the botton of the cold box 6 which is supported upon a flaring foot 10. The said cold box 6, hood 4 and bottle 2 form, as it were, a vertical tier of parts, this being at once a convenient, compact and extremely striking arrangement. Beer under gas-pressure is introduced into the bottle 2 through a glass terminal pipe 11 extending well up into it and mounted in its cork 12—the effect of the bottle 2 and pipe 11 being that of a fountain. The pipe 11 joins, so to speak, in the cork, the upper end of a beer-supply pipe 13 entering the apparatus through the cold-box 6 and extending upward and inward through the upper portion of the same and through the hood until it enters the cork 12. This pipe is connected with a barrel of beer (or other beverage) under gas-pressure and is furnished with a supply cock 14, which, on being opened, allows the beer under pressure to be jetted, so to speak, fountain-wise into the bottle 2 from which it is drawn through a "dead" beer pipe 15 leading downward from the cork 12 through the hood 4 and cold box 6 to the bottom of the said cold box where it merges into a coil 16 lying flatwise upon the bottom thereof, the outer end of the said coil passing through the side walls of the box near the bottom thereof and terminating in a "dead" beer cock 17. A branch-pipe 18 leading from the supply pipe 13 at a point therein below the said supply-cock 14 extends horizontally across the cold box 6, following the curvature thereof, and terminates in a fizz cock 19. A drain pipe 20 having a cock 21 leads out of the bottom of the cold-box.

In using the apparatus the cold box will by preference be filled with ice, whereby the beer in the pipe 15 and coil 16 will be cooled. The ice will also maintain the entire apparatus at a low temperature. On top of the ice may be placed bottles and steins which will be introduced into the cold box and removed therefrom through the door 5 in the hood 4. Supposing it is desired to draw, let us say, a glass of beer, the glass or stein is nearly filled from the "dead" beer cock 17 to which the beer flows from the bottle 2. A "bead" is now put upon the beer in the glass from the fizz-cock 19 which is connected with the supply pipe 13 in which the beer is under gas-pressure. When the bottle 2 has been filled the cock 14 must be closed to prevent the bottle from overflowing through the vent 3 in its "top side" under the pressure on the beer at the source of supply.

I claim:—

1. In an apparatus for cooling and dispensing beverages, the combination with a cold-box, of a hood located thereupon and provided with a door, an inverted bottle supported in the top of the hood and having a vent in its bottom for the escape of gas, the said cold-box, hood and bottle forming a vertical tier of parts, a supply-pipe leading into the bottle through the cork thereof, a supply-cock in the said supply pipe, a terminal pipe extending upward into the said

bottle from the said supply-pipe, a "dead"-beer pipe leading downward from the cork of the bottle into the bottom of the cold-box in which it terminates in a coil, a "dead"-beer cock connected with the outer end of the said coil, a branch pipe leading from the said supply-pipe at a point therein below the said supply-cock, and a fizz-cock connected with the terminal of the branch pipe.

2. In an apparatus for cooling and dispensing beer, the combination with a cold-box, of a hood mounted thereupon and provided with a door for access to the cold-box, an inverted bottle supported in the top of the hood and having a vent in its bottom for the escape of gas, the said cold-box, hood and bottle forming a vertical tier of parts, a terminal pipe extending upward into the bottle from the cork thereof, a supply-pipe entering the apparatus through the said cold-box and rising therefrom through the said hood to the said cork in which it connects with the said terminal pipe, a supply-cock located in the said supply-pipe, a "dead" beer pipe leading downward from the cork of the bottle through the hood and cold-box and terminating at its lower end in a coil, a "dead" beer cock connected with the outer end of the said coil, a branch pipe connected with the supply-pipe at a point therein below the said supply-cock and passing through the said cold-box, and a fizz cock located at the outer terminal of the branch-pipe.

In testimony whereof, I have signed this specification in the presence of two subscribing witnesses.

JAMES R. HALLORAN.

Witnesses:
JAMES T. MESKILL,
JAMES J. WATSON.