

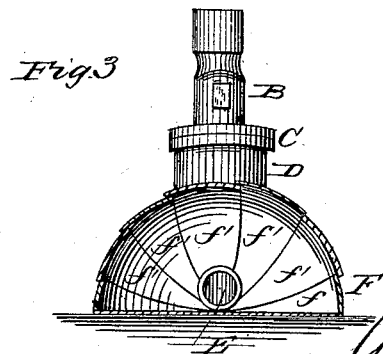
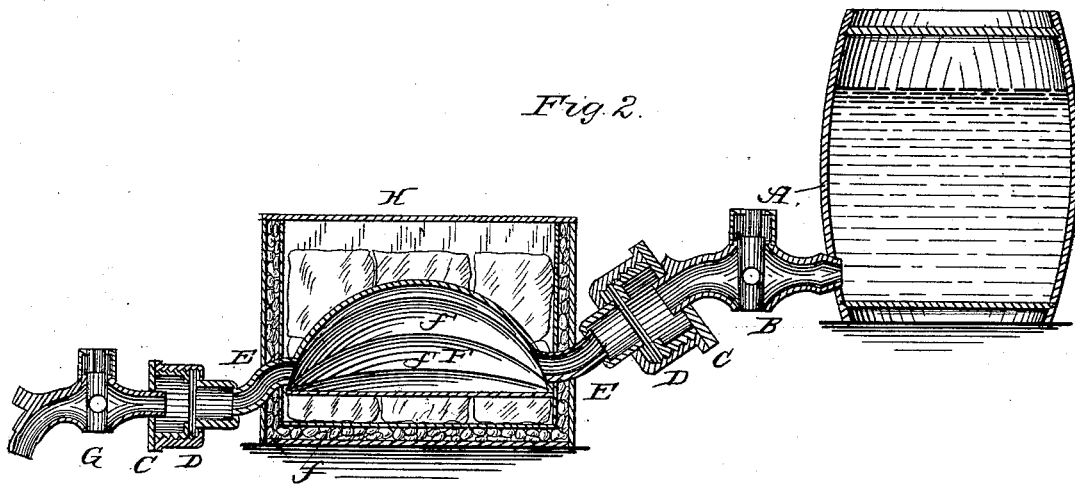
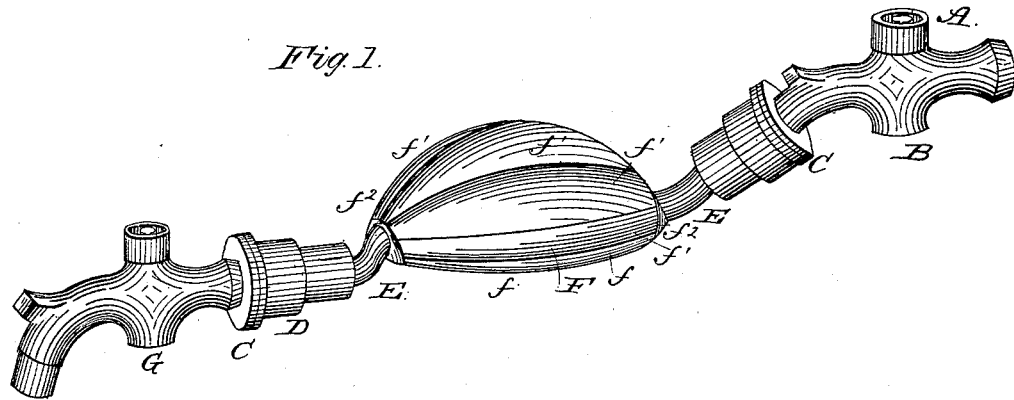
(No Model.)

G. M. NEWMAN.

BEER COOLER.

No. 264,330.

Patented Sept. 12, 1882.



WITNESSES:

Wm. L. Dieterich,
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INVENTOR,
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ATTORNEYS.

UNITED STATES PATENT OFFICE.

GEORGE M. NEWMAN, OF CORSICANA, TEXAS.

BEER-COOLER.

SPECIFICATION forming part of Letters Patent No. 264,330, dated September 12, 1882.

Application filed June 2, 1882. (No model.)

To all whom it may concern:

Be it known that I, GEORGE M. NEWMAN, of Corsicana, in the county of Navarro and State of Texas, have invented certain new and useful Improvements in Beer-Coolers; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a perspective view of my improved device for cooling beer. Fig. 2 is a longitudinal sectional view of the same, showing its application; and Fig. 3 is a vertical transverse section through the semi-spherical cooling-chamber.

Similar letters of reference indicate corresponding parts in all the figures.

My invention has relation to devices for cooling beer, cider, and other beverages that are sold from the keg or barrel on draft; and it consists in the detailed construction and arrangement of a cooling-chamber or refrigerator which is adapted to be attached to the faucet of the keg or barrel containing the beverage, substantially as hereinafter more fully described and claimed.

In the accompanying drawings, A represents a keg, and B the faucet for drawing off its contents. The latter has a screw-threaded cap or mouth-piece, C, which fits the threaded coupling-sleeve D of a bent tube, E, which leads into one end of the semi-spherical or semi-elliptical cooling-chamber F. The latter is made of thin sheet metal, its bottom *f* consisting of a single flat plate or sheet of thin metal, while its rounded walls and top part are constructed of elliptical sections *f'*, overlapping one another and soldered together at their overlapping edges. At each end of the chamber is a re-enforcing plate or shield, *f''*.

G is the outlet-faucet, which projects out through the wall or side of the ice-box H. The latter is made with double sides and bot-

tom, packed with sawdust, charcoal, chaff, or similar non-conducting material, and contains a sufficient quantity of ice to cover the chamber F. The beer, as it is drawn, passes through this chamber, the peculiar shape of which provides a large cooling-surface. The inlet E and outlet G being of equal capacity, the beer, as it is drawn from the keg, will run over the thin flat bottom *f* in a thin sheet or stream, which is quickly chilled from the ice below, on which the flat bottom *f* rests, and at the same time the bulging top part of the chamber will be constantly filled with ice-cold air, which chills the stream as it runs across chamber F from above. Hence by the peculiar construction of this cooling-chamber F, as shown, I succeed in effectually chilling the beverage as it passes through it, and with a great saving of ice, as only the chamber F, and not the keg or barrel, is packed in ice.

I am aware of the Patents Nos. 212,951, of 1879, 154,709, of 1874, and 115,850, of 1871, and neither of these constructions are sought to be covered in this application. The enlarged cooling-case F, having the form shown, embodies the important feature of this invention.

I claim and desire to secure by Letters Patent of the United States—

The described cooling attachment for beer or other kegs containing beverages, consisting of the chamber F, of thin sheet metal, having a flat bottom, *f*, and semi-spherical or semi-elliptical top part, *f'*, and provided with an inlet, E, and outlet-faucet G, flush with the flat bottom *f*, in combination with the ice-box H, keg-faucet B C, and coupling D, substantially as and for the purpose set forth.

In testimony that I claim the foregoing as my own I have hereunto affixed my signature in presence of two witnesses.

GEORGE MORTON NEWMAN.

Witnesses:

J. M. McCAMMON,
JOHN P. CLARK.