

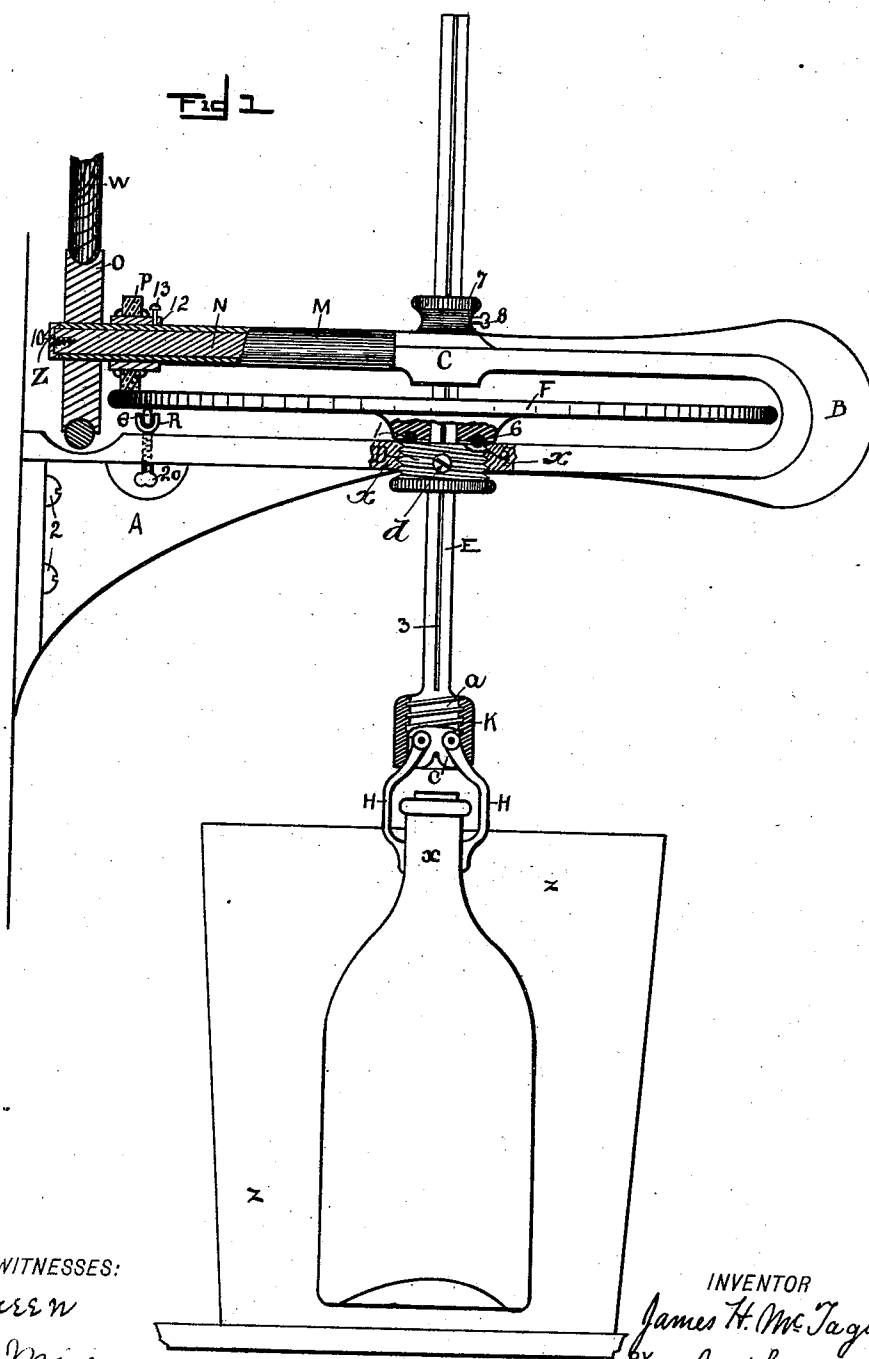
(No Model.)

2 Sheets—Sheet 1.

J. H. McTAGUE.
BEVERAGE FREEZER.

No. 556,432.

Patented Mar. 17, 1896.



WITNESSES:
E. Green
L. Myers.

INVENTOR
James H. McTague
BY
L. Myers
ATTORNEY.

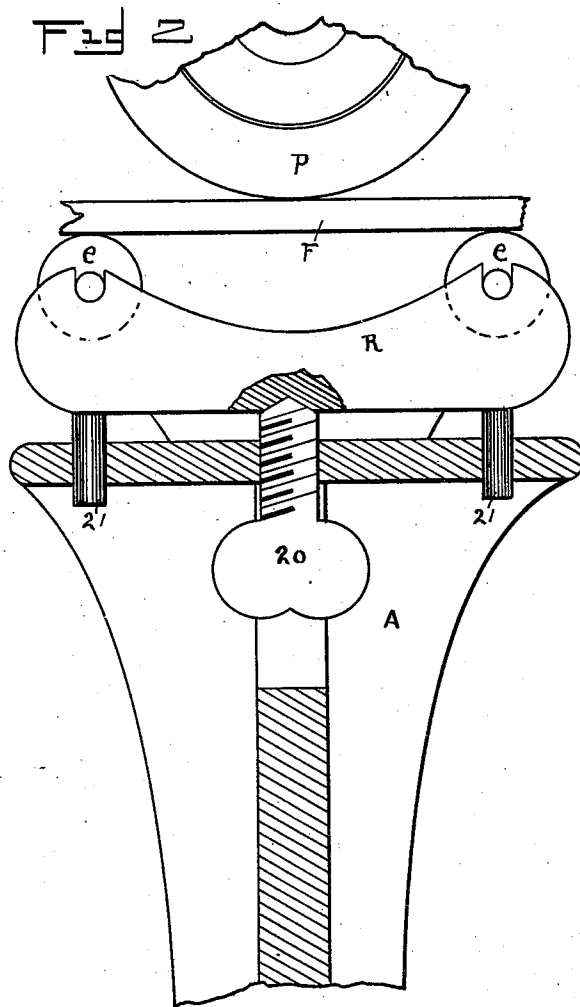
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ATTORNEY.

UNITED STATES PATENT OFFICE.

JAMES H. MCTAGUE, OF OMAHA, NEBRASKA.

BEVERAGE-FREEZER.

SPECIFICATION forming part of Letters Patent No. 556,432, dated March 17, 1896.

Application filed January 9, 1895. Serial No. 534,296. (No model.)

To all whom it may concern:

Be it known that I, JAMES H. MCTAGUE, residing at Omaha, in the county of Douglas and State of Nebraska, have invented certain useful Improvements in Beverage-Freezers; and I do hereby declare that the following is a full, clear, and exact description of the invention, such as 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.

This invention has relation to a new and novel improvement in beverage-freezers, the object of my invention being to provide a means whereby wine-bottles may be promptly cooled.

The device is further adapted to be used for the purpose of agitating mixed and plain drinks, and is also nicely adapted to be used as an ice-cream freezer.

In the accompanying drawings, Figure 1 shows a side elevation of a beverage-freezer embodying my invention, partly in section, with portions removed, while Fig. 2 gives a large detached detailed view with parts broken away.

A represents a bracket, which may be of any suitable material, such as iron, aluminum or brass, which is provided with the goose-neck B, terminating in the boss C. This bracket is secured to any suitable standard by means of the screws 2. At a point immediately below the boss C the goose-neck is provided with a preferably threaded collar D, which is adjustably held within the bracket. This threaded collar is provided with a central opening, through which extends a suitable shaft E. This friction-disk is nothing more or less than a circular plate, preferably of metal and provided centrally with a hub provided with a ball-race 1, within which I hold a system of balls 6. The threaded collar D is provided above with a ball-race 5, coinciding with the race 1, and within which the balls 6 are further guided. This threaded collar is provided with a milling. To further lock this collar D, I provide a small set-screw d, which passes through the bracket B and works against this collar D.

Working above the goose-neck B and upon shaft E is a collar 7, provided with a thumb-

screw 8, which collar is adjustably secured to the shaft E. Below this, shaft E is provided with the threaded termination a, provided with the slot c below, within which slot are pivotally held two jaws H. Working upon the thread a is an interiorly-threaded collar K, the lower end of which is adapted to pass over the jaws H and so bind these jaws upon the neck of the bottle x. This bottle would thus be suspended, being held by the shaft E, which in turn is revolubly secured to the goose-neck B by means of the collar 7. A suitable vessel z surrounds this bottle and is packed with ice and salt to freeze the contents of the bottle.

Extending horizontally from the boss C is a shaft N, which shaft is fixed within this boss and is surrounded by a revolving sleeve M, which sleeve is held upon the shaft by means of a cap 10, held on by screw Z, and gives support to the grooved driving-pulley O and the friction-brush P, which latter may be composed of rubber, leather or other suitable material. The brush is held upon a stub-sleeve 12, provided with a set-screw 13, so that this brush can be adjusted upon sleeve M.

To guard against the plate F tilting, which is movably keyed to the shaft E, I provide a saddle-block R, provided with the friction-roll e, working below the brush P, the saddle-block being adjustably held by means of the set-screw 20.

With the threaded collar it is of course understood that the disk is given adjustment by means of screwing this collar in or out.

When the cooler is to be used in cooling wine, it is simply necessary to pack the bottle within a suitable ice-filled receptacle and attach the jaws H and set the device into motion, the main driving power being transmitted by means of the belt W. Now when a beverage is to be agitated, it is simply placed within a jar or bottle and secured within the jaws H by means of the collar K, when the device is again set into motion. So also can cream drinks be frozen to form iced cream by placing them within a tumbler or bottle and revolving them, which speedily freezes the cream.

In Fig. 2 I have shown a side elevation of the saddle-block R, as shown in Fig. 1. This block R is provided with the guiding-stems

21, passing through openings of the bracket A to hold the block R.

Now, having thus described my said invention, what I claim as new, and desire to secure
5 by United States Letters Patent, is—

In a beverage-freezer, the combination with a suitable goose-neck bracket, of a registering upper and lower bearing within said goose-neck, said lower bearing being adjustable, a
10 shaft working adjustably within said bearings, a collar supporting said shaft, a driving-sleeve revolubly held upon the free end

of said goose-neck, a friction-brush adjustable upon said revolving sleeve, and a friction-disk loose upon said shaft and working
15 upon said adjustable bearing, all substantially as and for the purpose set forth.

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

JAMES H. McTAGUE.

Witnesses:

ALFRED ARNEMANN,
G. W. SUES.