No. 659,298. Patented Oct. 9, 1900.

M. GRATZ.

WHISKY COOLER.

(Application filed May 15, 1900.)

(No Model.)

Fig I

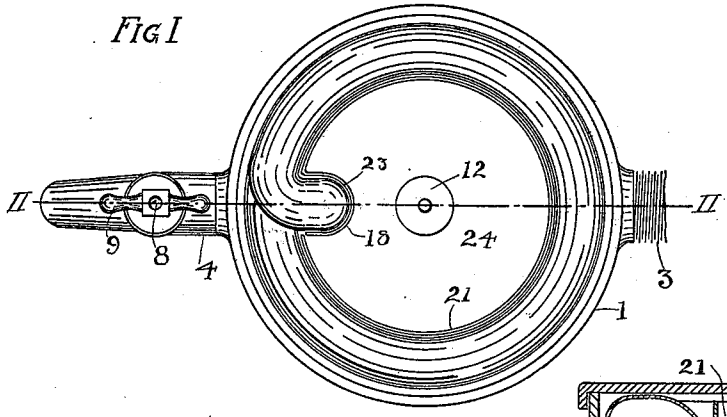


Fig II

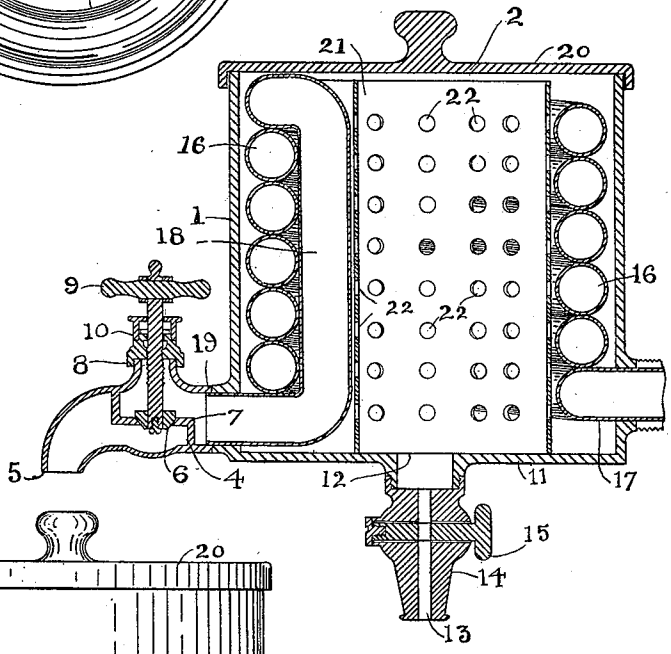
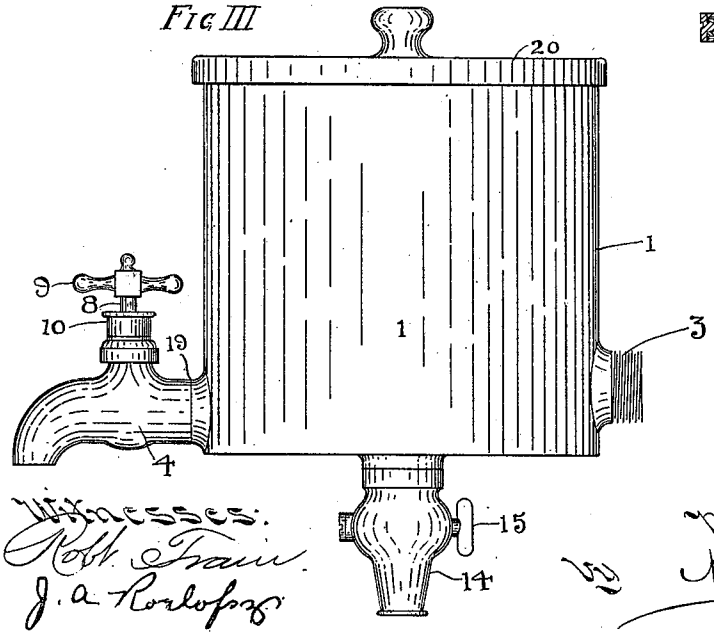


Fig III



Witnesses:
Robt. Frank
J. A. Rodgers

Inventor.
M. Gratz.
By Knight Bros.
Attorneys.

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

MICHAEL GRATZ, OF LOS ANGELES, CALIFORNIA.

WHISKY-COOLER.

SPECIFICATION forming part of Letters Patent No. 659,298, dated October 9, 1900.

Application filed May 15, 1900. Serial No. 16,744. (No model.)

To all whom it may concern:

Be it known that I, MICHAEL GRATZ, a citizen of the United States, residing at Los Angeles, county of Los Angeles, and State of California, have invented certain new and useful Improvements in Whisky-Coolers, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, which form a part of this specification.

My invention relates to a cooler to be attached to a barrel, cask, or other article through which liquid is drawn a small quantity at a time, and is intended more especially to be attached to a whisky-barrel for cooling whisky; and my invention consists in certain features of novelty hereinafter described and claimed.

Figure I is a top view of my improved device with cover removed. Fig. II is a vertical section taken on line II II, Fig. I, showing cover in position. Fig. III is a side elevation.

Referring to the drawings, 1 represents a cup having an interior chamber 2, with a stub screw-threaded pipe 3 extending outwardly near the bottom of the cup. The object of the screw-threaded pipe 3 is to screw the pipe into the whisky-barrel or other device at the desired point for drawing off the liquid.

4 represents a faucet on the opposite side of the cup, having a discharge-outlet 5, through which the liquid is drawn.

6 represents a valve having a seat 7 and a valve-stem 8, with a thumb-wheel 9 at the upper end of the valve-stem for operating the valve.

10 represents the housing and valve-ring surrounding the valve-stem 8.

11 represents the bottom for the cup 1, said bottom 11 having a trap-hole 12, which leads to a vertical passage-way 13 in a drain-cock 14. The passage-way 13 is controlled by the turning of a valve 15.

16 represents the cooling-coil spiral wound within the cup 1, having its inner end 17 connected with the hollow screw-plug 3, at which point the liquor passes into the cup, travels spirally around from bottom to top of the box, and then descends vertically through a vertical leg 18 of the cooling-coil, said leg connecting at 19 with the discharge-faucet 4, there being a sufficient length of coil so that the individual amount of liquor being drawn at any one time is given sufficient opportunity to cool.

20 represents a detachable cover resting on the top of the cup 1.

21 represents a perforated shield placed within the cup inside of the coil, said perforations being represented at 22, extending from top to bottom of the shield, said shield being bent to conform to the inward contour of the cooling-coil 16, the end of the shield terminating in a gutter portion 23, which rests over the exposed face of the leg 18 of the cooling-coil. The construction shown of the perforated shield permits of a central chamber 24, forming a reservoir for ice, the water from same as the ice melts passing through the perforations 22 and flowing over the cooling-coil, the shield at the same time preventing it or foreign substances from passing from the ice-reservoir to the cooling-coil, the discharge from the melted ice passing into the trap 12 and out through the discharge-cock 14.

I have described my device as intended more especially to be applied to whisky casks or barrels from which individual drinks are drawn off from time to time; but I do not desire to confine myself to this special use.

I claim as my invention—

In a device of the character described, the combination with a cup, an inlet and an outlet diametrically opposite each other, a drain-cock, and a perforated shield forming an ice-chamber extending from the bottom to the top of said cup, a gutter 23 formed in one side of said shield of a coiled pipe leading from the inlet and secured between the said shield and cup and a vertical leg 18 positioned in the gutter 23 of the shield inside the coil connecting said coil with the outlet whereby said vertical leg is immediately adjacent to the shield.

MICHAEL GRATZ.

Witnesses:
J. W. KEMP,
JAS. E. KNIGHT.