

(No Model.)

S. F. KATES.

APPARATUS FOR DISPENSING ROOT BEER, &c.

No. 528,543.

Patented Nov. 6, 1894.

fig. 1.

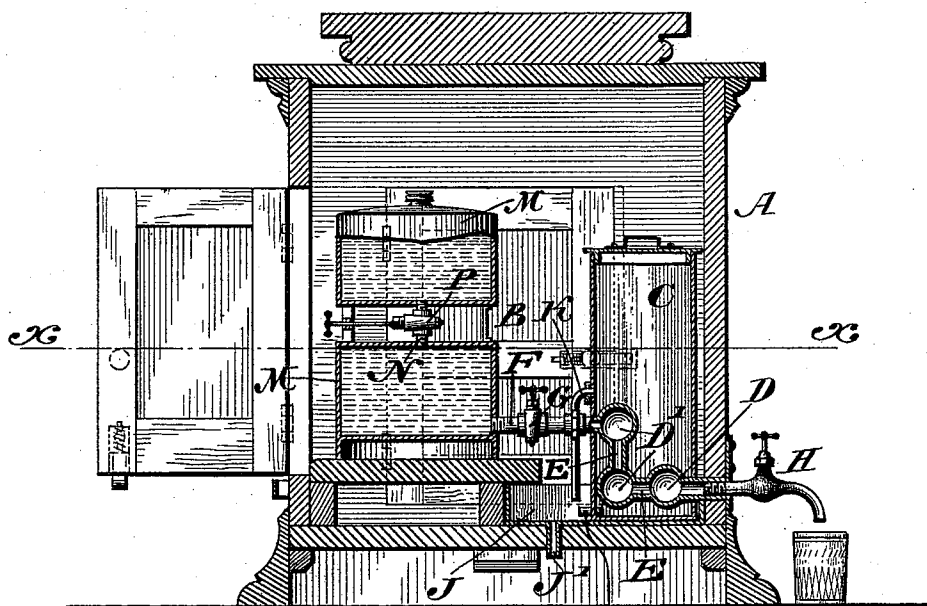
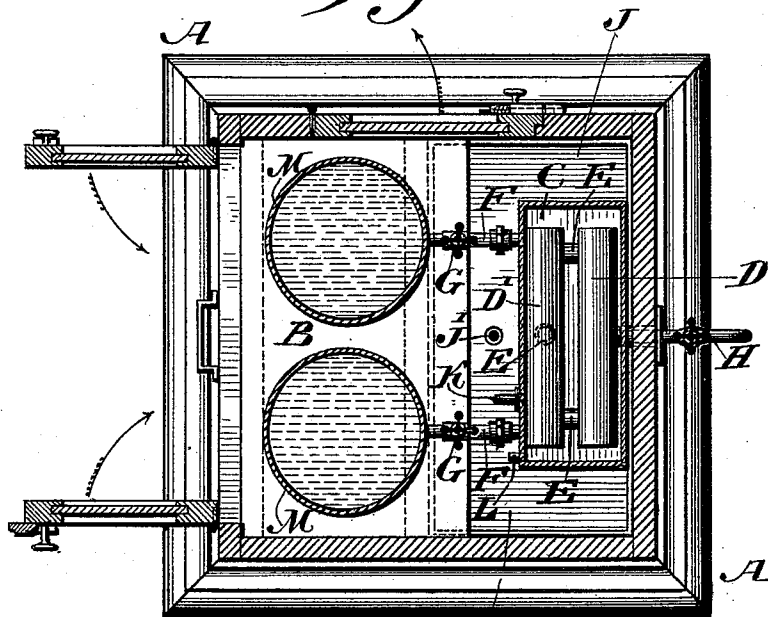


fig. 2.



Witnesses
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APPARATUS FOR DISPENSING ROOT-BEER, &c.

SPECIFICATION forming part of Letters Patent No. 528,543, dated November 6, 1894.

Application filed July 12, 1894. Serial No. 517,278. (No model.)

To all whom it may concern:

Be it known that I, SAMUEL F. KATES, a citizen of the United States, residing at Salem, in the county of Salem, State of New Jersey, have invented a new and useful Improvement in Apparatus for Dispensing Root-Beer, &c., which improvement is fully set forth in the following specification and accompanying drawings.

My invention consists of an apparatus for dispensing root beer, &c., embodying a primary reservoir and a cooling device, the construction and operation of the parts being hereinafter set forth and claimed.

Figure 1 represents a vertical section of a dispensing apparatus embodying my invention. Fig. 2 represents a horizontal section thereof.

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

Referring to the drawings: A designates a casing, and B designates reservoirs for primarily containing root beer, (or other beverages.)

C designates a tank within which are tubes or secondary receiving vessels D, D', which are in communication with each other by means of the pipes E, and with the reservoirs B by means of the pipes F, the latter being provided with the stop cocks G. The vessel D has connected with it the dispensing faucet H, the same having its discharge end or nozzle on the exterior of the front of the casing A.

The tank C is adapted to contain ice, whereby the vessels D, D', will be subjected to the same and consequently cooled, it being evident that the beer flows from the reservoir B through the pipes F into the vessels D', D, from which it may be discharged in effectively-cold condition through the faucet H.

The tank C is disposed over the pan J so that the drip or sweat from the former may be collected in the latter, said pan having a discharge pipe J' for evident purposes.

The tank C is provided with an overflow pipe K and with a discharge pipe L, both pipes K and L opening into the pan J.

The reservoir B consists of two cylinders or bodies M, M, which are connected by the in-

tervening pipe N, which is provided with the stop cock P, so that when the vessels are full, the beer in the lower cylinder, which may be ripe, may be drawn off as required. Meanwhile, the beer or fluid in the upper cylinder has been ripening, so that when the lower cylinder is emptied, the stop cock P is opened, whereby the ripe beer or fluid is directed into the lower cylinder. Then the stop cock is closed and the upper cylinder is again filled with beer, which is permitted to ripen therein, so as to be ready for dispensing when the lower cylinder is again emptied. By this provision there may always be a supply of beer in proper condition for immediate use, the advantage of which is evident. It will also be seen that when the pressure in the lower body or compartment M is materially reduced with the discharge of the beverage therefrom, the stop cock P is opened, whereby the fully gas-charged beverage from the upper compartment M flows into the lower compartment, whereby the gas-pressure in the latter is increased or raised, so that the beverage in the entire reservoir B may be uniformly discharged therefrom.

It is evident that the trade may be supplied with freshly-charged reservoirs, it being only necessary to remove the empty reservoir from the case, and connect the fresh one in place thereof.

The casing A is provided with suitable doors for access to the parts within the same.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A dispensing apparatus, consisting of a casing, a cooling tank in said casing, connected secondary receiving vessels in said tank, a reservoir outside of said tank and within said casing and formed of separate sections with a connecting pipe having a controlling cock, a pipe leading from said reservoir to said secondary vessels, and a discharge pipe for said secondary vessel with a faucet outside of said casing said parts being combined substantially as described.

2. A dispensing apparatus, consisting of a casing having a door thereto, a reservoir in

said casing a cooling tank separate from said
reservoir, a secondary receiving vessel in said
tank, a pipe leading from said reservoir to
said secondary vessel, a discharge pipe for said
5 vessel with a faucet outside said casing, an
over-flow pipe for said tank, and a drip pan
in said casing below said over-flow pipe, said

parts being combined substantially as de-
scribed.

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