Aug. 14, 1928. 1,681,076

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COMBINATION CONTAINER AND COOLER

Original Filed Dec. 6, 1926

Fig. 1.

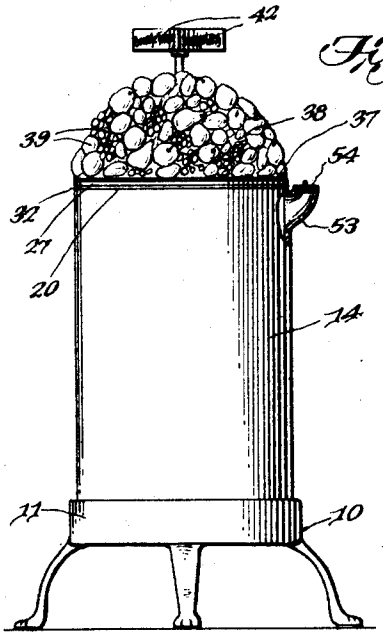


Fig. 2.

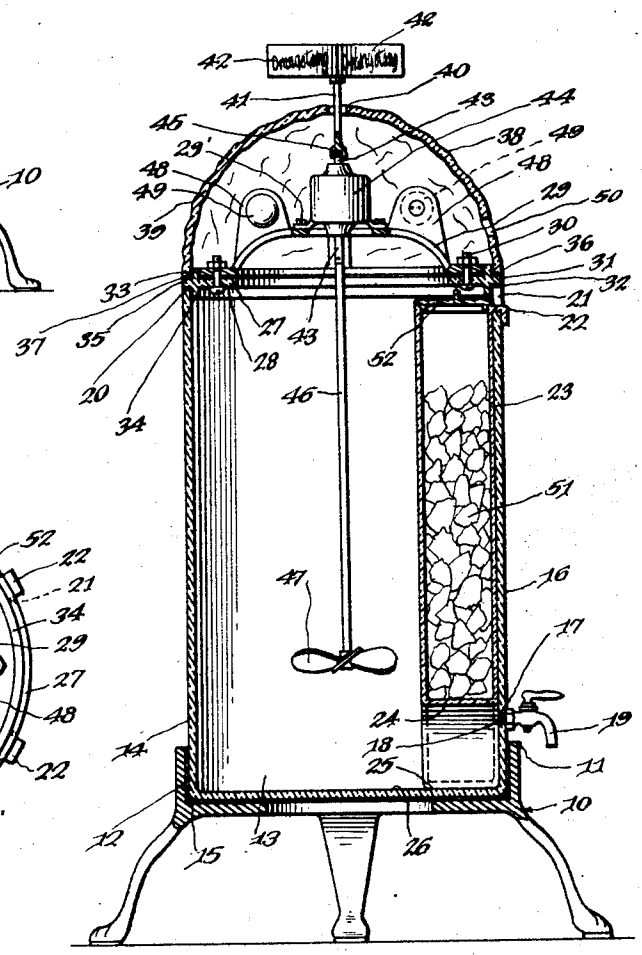
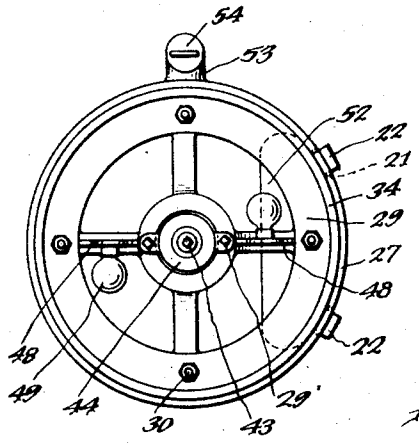


Fig. 3.



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UNITED STATES PATENT OFFICE.

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COMBINATION CONTAINER AND COOLER.

Application filed December 6, 1926, Serial No. 152,962. Renewed June 23, 1928.

This invention relates to certain novel improvements in combination containers and coolers and has for its principal object the provision of an improved construction of this character which will be highly efficient in use and economical in manufacture.

Among the several objects of the invention is to provide a cooler which will be artistic in appearance and which includes an agitator for agitating the liquid or beverage within the cooler.

Other objects will appear hereinafter.

The invention consists in the novel combination and arrangement of parts to be hereinafter described and claimed.

The invention will be best understood by reference to the accompanying drawing, showing the preferred form of construction, and in which:

Fig. 1 is a rear view of the invention,

Fig. 2 is a vertical sectional detail view of the same, and

Fig. 3 is a plan view of the device with the dome and sign element removed.

Referring to the drawing my improved cooler includes a base 10 which may be of any approved construction and configuration. This base 10 includes a top portion 11 which is raised to provide a well 12. Mounted in this well 12 is the lower end portion 13 of a receptacle 14 within which the beverage or other liquid is confined for agitation and cooling. The lower end portion 13 of the receptacle 14 is mounted within a rubber cup 15 arranged within the well. The rear side 16 of the receptacle 14 has formed in its lower end portion an opening 17 within which the threaded nipple portion 18 of a faucet 19 is arranged. This faucet 19 may be of any approved construction which includes the threaded nipple 18.

The receptacle 14 is preferably formed of transparent material and has formed in its top edge 20 at its rear side 16 a notch 21 which receives a hook element 22 which is formed as a part of a container 23. This container 23 has its lower end portion concaved as at 24 and opening toward this concaved portion is the faucet 19. The container 23 is disposed in flat engagement with the adjacent rear wall of the receptacle 14 and has its bottom 25 resting flatly upon the bottom 26 of the receptacle 14. It will be thus seen that the container having its bottom 25 resting flatly upon the bottom 26 is effectively supported in proper position within the container by the hook element 22. Positioned upon the top edge 20 is a plate 27 preferably formed of transparent material. This plate 27 includes an annular flange 28 which supports a base 29. This base 29 is secured to the flange 28 through the medium of nut receiving bolts 30. The annular flange 31 of the plate 27 rests upon a gasket ring 32 mounted upon the top edge 20. The plate 27 further includes opposite laterally extending rings 33 and 34. The ring 34 engages the inner surface of the top edge portion of the receptacle and functions to properly position the plate 27 upon the gasket ring 32. The ring 33 is set inwardly from the peripheral edge 35 of the plate 27 and provides a seat 36 which receives the peripheral edge 37 of a dome-shaped cap or cover 38. The peripheral edge 37 is mounted upon a gasket ring similar to the gasket ring 32. This dome-shaped cap is pressed to provide protuberances to simulate well known fruits 39. The cap 38 has formed centrally therein an opening 40 through which projects a stud shaft 41 carrying at its outer end sign plates 42. The inner end portion of this shaft 41 is secured to one end portion of an armature 43 of a motor 44, as at 45. This motor is supported by the base 29 and is secured to the base through the medium of bolts 29'. The other end portion of the armature 43 carries a depending shaft 46 which has its lower end portion disposed a predetermined distance from the bottom 26 of the receptacle 14. This shaft carries at its lower end portion an agitator 47 which is of a fan structure.

The base 29 has formed as integral parts thereof offstanding ears 48 which carry lighting elements 49 for illuminating the cap 38 and the interior of the receptacle 14, said lighting elements and said motor being connected in any suitable manner to a suitable source of electrical energy and to permit this there is provided in the rear portion of the cap 38 an opening 50 through which the conduit wires (not shown) may be projected.

The container 23 is especially adapted to hold a predetermined quantity of ice 51 and the open end portion of the container 23 is closed by a removable plate 52.

Formed in the receptacle 14 adjacent its top edge 20 is a filling nipple 53 passage

through which is normally closed by a plug 54.

In use the motor 44 when energized will rotate the shafts 41 and 46 and impart rotation to the sign 42 and agitator 47. As this shaft 46 is rotated the agitator 47 during rotation agitates the beverage contained within the receptacle and induces the beverage to foam. As the beverage is agitated it is caused to circulate within the receptacle and comes in contact with the container 23 which functions to continually keep the beverage cool during confinement in the receptacle 14. When the lighting elements 49 are illuminated the dome-shaped cap 38 will be illuminated into an appearance of a variety of colors. The lighting elements also illuminate the beverage and as the same is agitated there will be a constant change of colors from within the receptacle 14.

It is intended that my improved cooler be mounted upon the counter of a soda fountain within convenient reach of the clerk for dispensing the beverage contained therein.

While I have illustrated and described the preferred form of construction for carrying my invention into effect, this is capable of variation and modification, without departing from the spirit of the invention. I, therefore, do not wish to be limited to the precise details of construction set forth, but desire to avail myself of such variations and modifications as come within the scope of the appended claims.

The invention having been set forth, what I claim as new and desire to secure by Letters Patent is:

1. In a combination container and cooler, a receptacle having an open end portion, a dome-shaped closure for the open end portion of receptacle, said dome-shaped portion being pressed to provide protuberances simulating well known fruits, an agitator arranged within the receptacle in a predetermined position from the bottom thereof, and means arranged within the dome-shaped closure for operating said agitator.

2. In a combination container and cooler, a receptacle having an open end portion, means permitting dispensing of a beverage from within the receptacle, a cooler within the receptacle, a plate having an annular flange resting upon the edge of the open end portion of the receptacle of a dome-shaped closure for the open end portion and having a peripheral edge resting upon the peripheral flange of the plate, a base supported by the plate and having up-standing lateral ears, lighting elements carried by the ears, an electrically operated element supported by the base, a shaft operable by the element and extending exterior of the dome, sign elements carried by said shaft, a second shaft operable by the element and depending within the receptacle, and an agitator carried by the lower end portion of said second shaft.

3. In a combination container and cooler, a receptacle having an open end portion, a dome shaped closure for one end portion of the receptacle, said dome shaped portion being pressed to provide protuberances simulating well known fruits, motive means within the dome shaped closure including an electric motor, and a shaft extending downwardly into the receptacle having an agitator mounted on the lower end thereof, said shaft being driven by said motor.

4. In a combination container and cooler, a receptacle having an open end portion, a dome shaped closure for one end portion of the receptacle, said dome shaped portion being pressed to provide protuberances simulating well known fruits, motive means within the dome shaped closure including an electric motor, said motor including an elongated shaft extending through said dome shaped closure and having a sign element mounted on the upper end thereof, illuminating means within said dome shaped closure, and a shaft extending downwardly into the receptacle having an agitator mounted on the lower end thereof, said shaft being driven by said motor.

In testimony whereof I affix my signature.

JEROME I. WOHL.