

July 16, 1935.

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2,008,171

REFRIGERATING CONTAINER FOR BEER

Filed Feb. 16, 1934

Fig-1-

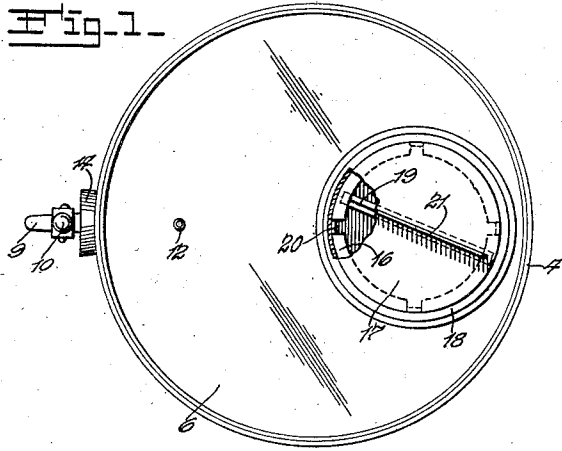


Fig-2-

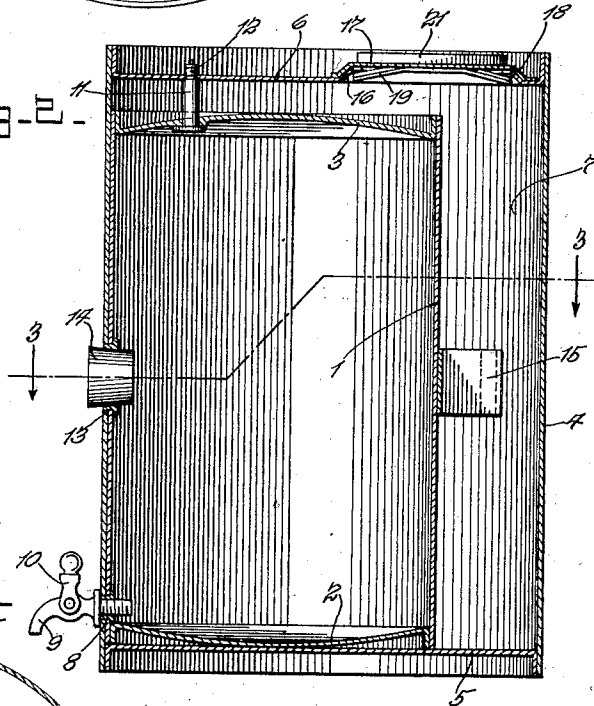
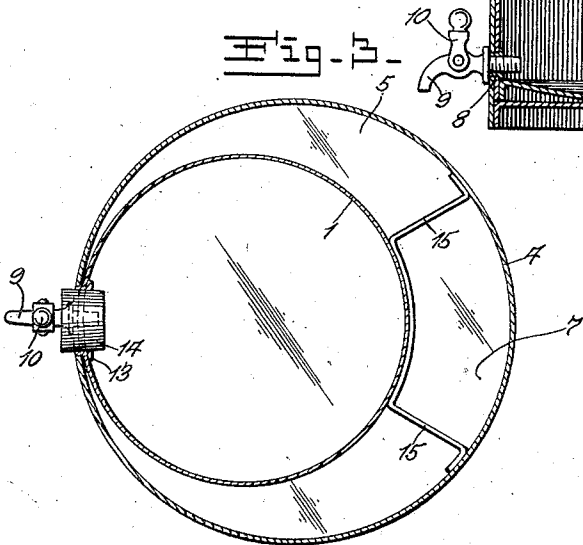


Fig-3-



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# UNITED STATES PATENT OFFICE

2,008,171

## REFRIGERATING CONTAINER FOR BEER

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Application February 16, 1934, Serial No. 711,492

1 Claim. (Cl. 220-9)

This invention relates to a refrigerating container for beer.

An object of the invention is to provide an improved refrigerating container for beer comprising an inner container for the beer having a draught faucet, in combination with a shell enclosing the beer container and separated therefrom by an intervening space into which ice may be packed, said receptacle having an opening in the top thereof through which ice may be passed into said space and water and other elements withdrawn from said space, means through which air may be forced into the receptacle under compression to force the beer through the draught faucet, and means whereby a pitch coating for the receptacle may be applied to the inside thereof.

Other objects will appear from the following description, reference being made to the annexed drawing, in which—

Fig. 1 is a top plan view of my improved container, a part of the closure for the ice inlet opening being broken away.

Fig. 2 is a vertical transverse sectional view of my improved container.

Fig. 3 is a horizontal sectional view approximately on the line 3-3 of Fig. 2.

The beer container comprises a cylindrical metallic wall 1 having a metallic bottom wall 2 and a metallic top wall 3 attached thereto.

This container is mounted within a shell of considerably larger diameter than the diameter of the container and comprising a cylindrical wall 4, a bottom wall 5 and a top wall 6. The lower end of the wall 1 seats upon the bottom wall 5 of the shell but the top wall 3 of the container is spaced from the top wall 6 of the shell.

The container is mounted eccentrically within the shell, the wall 1 being against the wall 4 at one side of the shell, thus providing a relatively large space 7 between the shell wall 4 and the wall 1 of the beer container.

Registering openings are formed through the contacting portions of the walls 1 and 4 and a tubular fitting 8 is mounted in said opening and welded to both of said walls 1 and 4 so as to provide a leak-proof joint. A draught faucet 9 of known or conventional construction is screwed into the fitting 8 and opens into the inside of the beer container and is equipped with a conventional valve device 10, by operation of which the passage to the faucet may be opened and closed. This draught faucet opens into the container near the bottom wall 2 thereof, as clearly shown in Fig. 2.

A valve device 11, similar to the well known Schroeder tire valve, has its outer end projecting through an opening in the top wall 6 of the shell and its inner end opening through the top wall 3 of the beer container. This valve device has its outer end portion 12 designed and adapted to receive the chuck of an air hose, whereby air may be forced or pumped through the valve device into the beer container in order to fill the upper portion of the container with compressed air, which will force the beer out through the faucet 9 when the valve operating device 10 is opened.

Other registering holes are formed through the contacting portions of the walls 1 and 4 and a tubular fitting 13 is mounted in said holes and welded to said walls 1 and 4. This device provides a bung through which a pitch spray device may be extended into the beer container to spray pitch onto the inner surfaces of the walls thereof to form a pitch coating and thereby prevent the beer from coming into contact with the metallic walls. A bung 14 is mounted in the fitting 13 and may be withdrawn and replaced, as desired.

A spacer device 15 is mounted in the space 7 between the walls 1 and 4 opposite from the connections 8 and 13 so as to cooperate therewith to hold the beer container in proper relationship to the shell and prevent any of the joints from becoming broken. This spacer device 15 does not interfere with the packing of the ice in the space 7 nor the pouring out of the contents therefrom.

The top wall 6 of the shell has an opening, the margin of which is in the form of an upwardly extended flange 16. A cap 17, having a marginal flange 18, constitutes a closure for said opening and has on its inner side arms 19 adapted to be passed through notches 20 in the flange 16 and then turned and engaged against the inner side of said flange to hold the cap 17 in connection therewith. A handle member 21, attached to the cap 17, constitutes manual means for handling and operating said cap.

It is apparent that the beer container may be filled with beer by removing the draught faucet 19 and forcing the beer through the fitting 18, thereby compressing the air in the container, so that said compressed air will function to eject the beer therefrom. When the pressure of the air becomes reduced beyond the desired degree, additional air may be pumped into the container through the valve device 11. Ice may be packed into the space 7 through the opening in the top wall 6 and then said opening may be closed to prevent the admission of warm air.

Whenever needed, the bung 14 may be removed and a new coat of pitch or the like may be applied to the inside of the container.

I do not restrict myself unnecessarily, but what I claim and desire to secure by Letters Patent is:

6 In a device of the character described, a shell including a cylindrical wall and top and bottom walls attached thereto and cooperating therewith to form an enclosure, a container mounted eccentrically in said shell upon the bottom wall and  
10 against the cylindrical wall of said shell and leaving an ice receiving space between said shell and said cylindrical wall, vertically spaced elements

attaching said cylindrical wall and said container together and forming openings communicating with the inside of said container, means for closing said openings respectively, an element for attaching the upper end of said container to said top wall and forming a passage for admitting air into said container from the outside of said shell, and a device mounted in said space and engaging said cylindrical wall and the wall of said container and cooperating with said elements to hold said shell and said container in rigid relationship.

HARRY J. BROCKMANN.