

H. K. HANSEN.
 BEVERAGE SERVING REFRIGERATOR.
 APPLICATION FILED AUG. 4, 1919.

1,402,602.

Patented Jan. 3, 1922.

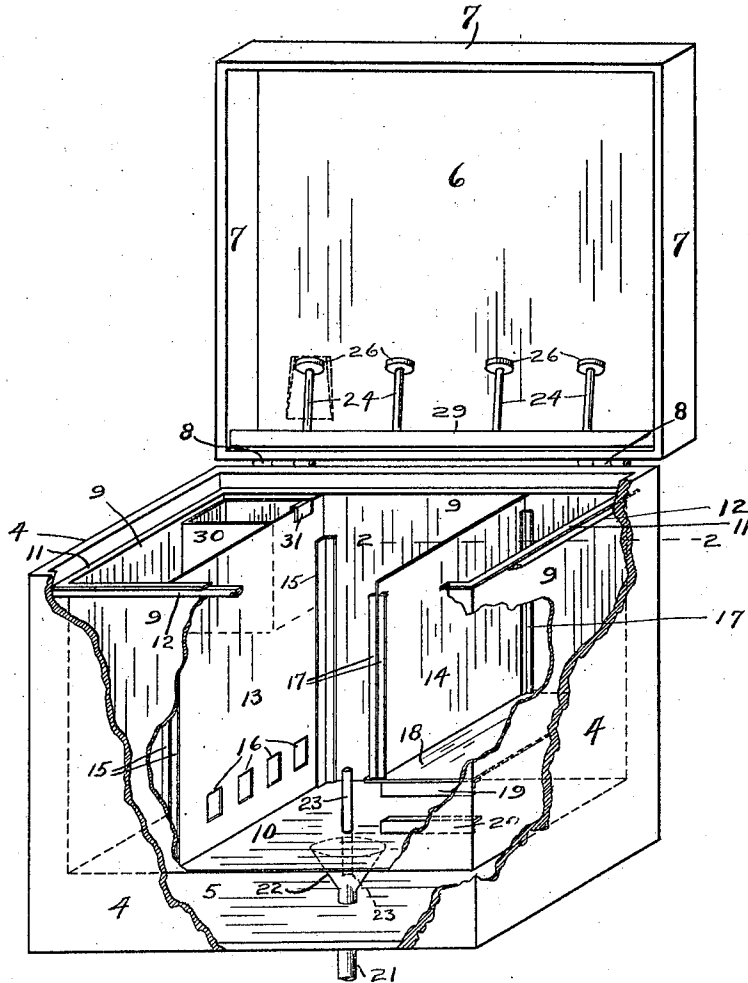


FIG. 1

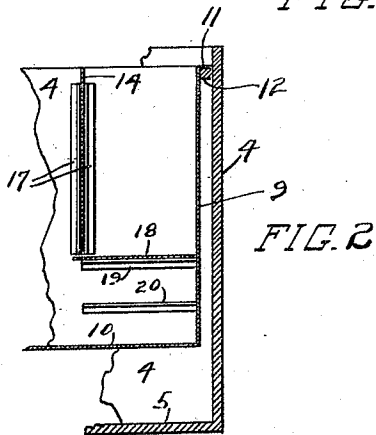


FIG. 2

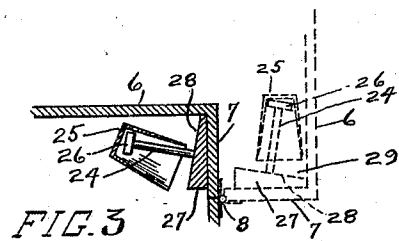


FIG. 3

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BEVERAGE-SERVING REFRIGERATOR.

1,402,602.

Specification of Letters Patent.

Patented Jan. 3, 1922.

Application filed August 4, 1919 Serial No. 315,266.

To all whom it may concern:

Be it known that I, HANS K. HANSEN, a citizen of the United States, and a resident of Sioux City, in the county of Woodbury and State of Iowa, have invented certain new and useful Improvements in Beverage-Serving Refrigerators, of which the following is a specification.

The present invention aims primarily to provide a device embodying certain novel features of construction, appurtenances and arrangements of parts particularly adapted for cooling and serving beverages.

A further object of the invention is the production of an improved beverage cooling and serving device, inexpensive in construction, yet thoroughly efficient and convenient in operation and particularly adapted for house-hold use.

With these and other objects in view, the invention consisting in the construction, combination and novel arrangement of parts, will be fully understood from the following description, reference being had to the accompanying drawings, which form a part of this application and in which like characters of reference indicate corresponding parts throughout the several views, of which,—

Fig. 1 is a perspective view of a device constructed in accordance with the invention, parts being broken away to reveal the internal characteristics;

Fig. 2 is a fragmentary vertical section taken on the line 2—2 of Fig. 1; and

Fig. 3 is a fragmentary vertical section of the cover.

While I have illustrated and hereinafter described the preferred embodiment of the invention, I would not be understood as being limited to the specific structure chosen for illustration, for various alterations and modifications may be made in the details of construction and arrangements of parts described, without departing from the spirit and scope of the invention as defined in the appended claims:

Referring, now, to the illustrations, the device includes, essentially, an outer case having side walls, 4, a bottom, 5, and a cover, 6, having flanges, 7, one of said flanges being hinged as at, 8, to one of the side walls of the outer case whereby the cover may be swung toward and from the top of the case and accordingly close and open the latter. The case removably encloses an inner con-

tainer, preferably of sheet-metal and including side walls, 9, and a bottom, 10. The upper edges of the side walls, 9, are provided with external rims, 11, which rest upon shoulders, 12, on the inner sides of the walls, 4, whereby the container is supported in spaced relation to the walls and bottom of the outer case.

The container is divided preferably in three compartments, as by metal sheets, 13, and 14, providing side compartments and an intermediate compartment for the reception of ice. The sheet, 13, extends from the bottom to the top of the container and is removably secured therein as by pairs of vertical strips, 15, secured to the front and rear walls of the containers and between which the sheet is slidably interposed. The lower portion of the sheet, 13, is preferably perforated as at 16, to admit the water from the ice into the compartment separated from the ice compartment by the said sheet. Said compartment being designed to receive carbonated water bottles or other bottles of liquid to be served as beverages. Thus it is clear, the iced water circulates around the lower portions of such bottles to cool the contents.

The partition sheet, 14, extends from the top of the container to a point a distance from the bottom thereof and is held removably in such position as by pairs of strips, 17, secured to opposite walls of the container and between which the sheet 14, is free to slide.

The compartment separated from the intermediate compartment by the said sheet, 14, is provided with a bottom, 18, removably supported upon horizontal strips, 19, secured to opposite container walls and a distance below the strips, 19, and above the bottom of the container are similar strips, 20, similarly secured to opposite walls of the container and upon which the bottom, 18, may be supported when a deeper compartment is desired. The last-described compartment is designed to retain the usual syrup or flavoring bottles and the strips, 19 and 20 are relatively so positioned that the depth of the compartment may be readily altered to accommodate the conventional sizes of bottles containing flavoring syrups and extracts for beverages.

The intermediate portion of the bottom of the outer case is provided with a vertical drain pipe, 21, preferably provided

with a funnel, 22, at its upper end and the corresponding portion of the bottom, 10, of the container is provided with a pipe, 23, the lower end of which enters the funnel, 22, and the upper end of which is positioned a suitable distance above the perforations, 16, whereby the superfluous water from the ice is drained from the container. Obviously the pipe may be provided with a valve if desired.

The inner side of the hinged flange of the cover is provided with a plurality of pegs, 24, so disposed with respect to the flange that when the cover is closed, the said pegs, 24, are approximately horizontally disposed or slightly inclined from the horizontal, as shown in Fig. 3. The said pegs are provided to hang beverage serving containers, as drinking glasses, 25, upon. The ends of the pegs are preferably provided with bosses, 26, which hold the bottom portions of the drinking containers, 25, slightly raised, as shown in full lines in Fig. 3, to prevent accidental displacement of the containers from their supports when the cover is closed.

The face of the cover flange carrying the pegs, 24, is provided with a strip, 27, the surface, 28, of which is disposed at an acute angle to the cover, 6, which forms a shallow trough, 29, between the cover, 6, and the strip, 27, when the cover is open as shown by dotted lines in Fig. 3, which serves to receive drippings from the drinking containers when they are rinsed and inverted upon the pegs. Then when the cover is closed, it is obvious that the drippings flow from the surface, 28, directly into the cooling container.

The smaller compartment at the side of the partition, 13, may enclose a relatively small receptacle, 30, for the reception of water for rinsing the drinking containers. The said receptacle is preferably removably supported within the said compartment, as by an over-turned ear, 31, on one

side of the receptacle adapted to be hooked over the adjacent partition for the support of the receptacle.

It is evident, the various compartments 50 of the device are very conveniently accessible and its several parts may be readily removed and replaced for cleaning.

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

1. An article of the class described, comprising an outer case including a rear wall, and a cover therefor having a flange hinged to said wall, a cooling receptacle within the case spaced from the wall, and pegs on the inner side of the flange for the support of drinking containers, the inner side of the flange being inclined at an acute angle to the cover to normally overhang the receptacle and form a trough between the flange and cover to retain drippings from the containers when the cover is open and convey them to the receptacle when the cover is closed.

2. An article of the class described comprising an outer case including a rear wall, and a cover therefor having a flange hinged to said wall, a cooling receptacle within the case spaced from the wall, and pegs on the inner side of the flange for the support of drinking containers, and provided with heads to prevent displacement of the containers.

3. An article of the class described comprising a box and a cover therefor having flanges to normally rest on the box, one of the flanges being hinged to the box and having a surface inclined at an acute angle to the cover to normally overhang the box, and pegs on the hinged flange so disposed that containers placed thereon are disposed at all times within the outline of the cover and its flanges.

In testimony whereof I have hereunto set my hand this 31st day of July, 1919.

HANS K. HANSEN.