

UNITED STATES PATENT OFFICE

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BEVERAGE DISPENSING DEVICE WITH
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1 Claim. (Cl. 222—363)

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This invention relates to beverage dispensing devices for dispensing beverages of various kinds, and more particularly to a device for dispensing drinks in bars, taverns and clubs in general.

One of the prime objects of the invention is to design a very simple, practical, and sanitary dispensing device by means of which carbonated or other beverages may be dispensed, without the loss of carbonation in the liquid.

Another object is to provide a dispensing device by means of which beverages may be more quickly and easily served, which provides for accurate measurement of volume, dispensed at each serving, and which is both easy and simple to operate.

A further object is to provide a dispensing device provided with an adaptor means for accommodating bottles of various sizes and for sealing the openings in the bottles.

Still a further object is to provide a dispensing means of simple design which can be economically manufactured and assembled, which accommodates a plurality of bottles of beverages of different brands or kinds, and which is ornamental in design and appearance.

A further object still is to provide a leak-proof device by means of which beverages of various kinds may be readily and quickly dispensed, with a minimum of fatigue to the attendant and in a highly efficient and sanitary manner.

With the above and other objects in view, the present invention consists in the combination and arrangement of parts, hereinafter more fully described, illustrated in the accompanying drawing, and more particularly pointed out in the appended claim, it being understood that changes may be made in the form, size, proportion, and minor details of construction, without departing from the spirit, or sacrificing any of the advantages of the invention.

In the drawing:

Fig. 1 is a front-elevation view illustrating our improved dispensing device.

Fig. 2 is an end-elevation view thereof.

Fig. 3 is an enlarged, fragmentary, part-sectional view, the front wall being broken away to illustrate the construction.

In clubs, taverns, etc., where it is necessary for the attendant to dispense a large number of glasses of beverages, the labor connected therewith is tiresome and fatiguing. The selecting of the beverage, tilting of the bottle and hap-hazard pouring of the beverage consumes time and effort, which at times is both wasteful and unsanitary, and we have therefore designed a

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very simple and convenient dispensing device in which the fatigue and hap-hazard measuring is eliminated, and which is highly sanitary as well as neat and attractive in appearance.

Referring now more particularly to the drawing in which we have shown the preferred embodiment of our invention. The numeral 5 indicates the housing of the dispensing device; this is preferably in the form of a metal frame formed with a plurality of externally threaded neck projections 6 on the upper edge thereof. A plurality of chambers 7 are provided in the housing 5, and ribs 8 are provided on the front wall of the device to form recessed sections 9 which accommodate glasses "G" into which the beverage is dispensed.

A cylinder 10 is rotatably mounted in each of the chambers 7 and a horizontally disposed shaft 11 is provided therein and projects through the front wall of the housing, and an operating lever or handle "H" is provided thereon, a cap 12 forming a closure for the rear end of each chamber, and a beverage measuring chamber 14 is provided in each cylinder as shown, said chamber being of a size to hold a volume of beverage it is desired to dispense each time the device is operated.

A duct 15 is provided in the housing 5 adjacent to and communicating with the measuring chamber 14 when the cylinder is rotated to predetermined position, said duct opening into a spout 16 which projects from the front wall of the housing, so that the glass "G" can be placed therebeneath.

Each cylinder is covered with a special sponge rubber or lining 17, which rubber forms a seal for the mouth of the bottle "B" until such time as it is desired to dispense the beverage, each bottle being mounted in an adaptor 18 which is internally threaded to engage the threaded neck member 6, the passage 19 in said adaptor being rubber-lined as at 20 to form a seal at this point with the end of the bottle bearing against the rubber-covered cylinder, and it will be obvious that this adaptor may be adjusted to suit bottles of various neck lengths etc.

In operation, the attendant places the desired bottles of beverages in the adaptors 18; these are properly adjusted to suit the opening in each bottle, which are sealed by contact with the soft rubber face of the cylinder, and when it is desired to dispense the beverage, the attendant places a glass "G" beneath the spout 16; he then rotates the cylinder 10 to position to fill the measuring chamber, thence rotating the handle clockwise to bring the chamber 14 to position as indicated in

Fig. 3 of the drawing, so that the liquid in the chamber flows through the spout 16 into the glass "G," after which the handle is again swung back to original position.

The operation is simple and easy; there is no waste, and the volume is accurately measured each time. The device can, of course, be piped to accommodate a coolant should it be desired, and it can be constructed to accommodate any required number of bottles.

From the foregoing description, it will be obvious that we have perfected a very simple, practical, and convenient dispensing device by means of which various kinds of beverages can be accurately measured and dispensed in a highly sanitary manner, in a minimum of time, and with a minimum of effort and labor.

What we claim is:

A beverage dispensing device of the class described comprising, a closed housing, a cylinder rotatably mounted in said housing and formed with a measuring chamber therein, a yieldable, resilient lining provided on said cylinder, a duct in said housing adjacent said cylinder and open thereto, a hollow spout leading downwardly from said duct, said measuring chamber communicating with the duct when the cylinder is rotated to predetermined position, an exteriorly threaded,

upwardly projecting neck on said housing and having a centrally disposed passage communicating with said cylinder, an adaptor adjustably threaded on said neck and formed with a passage communicating with the passage in said neck, a yieldable lining in said adaptor passage, said passage and liner being shaped to snugly accommodate the neck of the bottle of beverage to be dispensed, with the open end of the neck in sealing contact with the yieldable lining on the cylinder, and manually operable means for rotating said cylinder to alternately bring said measuring chamber into alignment with the open end of the beverage bottle and said duct respectively.

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