April 7, 1942. R. B. STREET ET AL 2,279,075

HOLDER FOR TEST TUBES AND THE LIKE

Filed Sept. 26, 1940

Fig. 1.

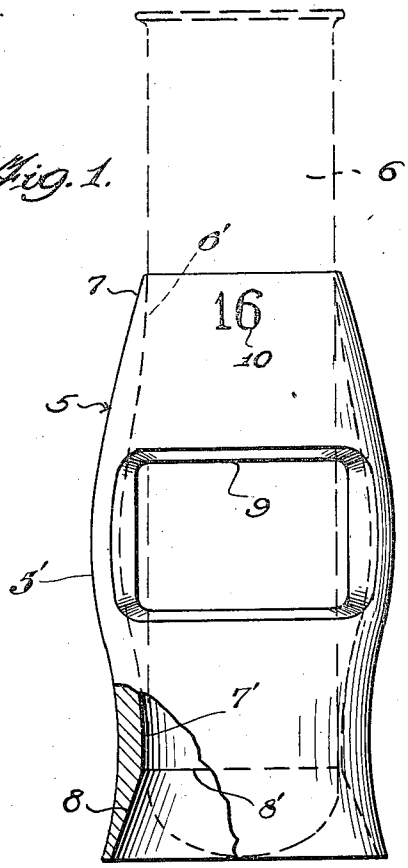
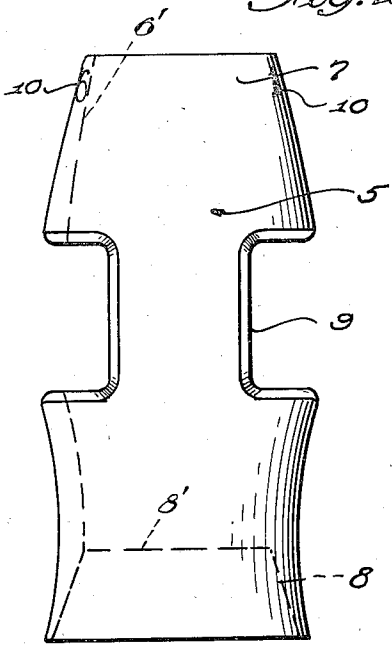


Fig. 2.



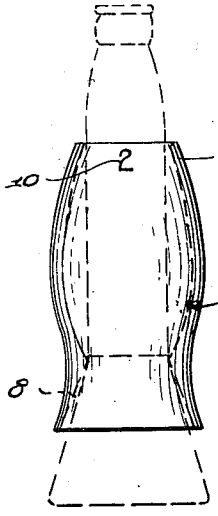


Fig. 4.

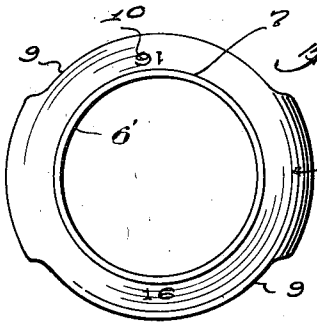


Fig. 3.

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HOLDER FOR TEST TUBES AND THE LIKE

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Application September 26, 1940, Serial No. 358,566

1 Claim. (Cl. 215—12)

The present invention relates to new and useful improvements in holders for test tubes and similar receptacles or bottles adapted to contain a specimen of liquid such as used in bottling plants, laboratories and other places where sirups or other substances are put in the test tubes or bottles and where a correct record must be kept of each test tube or bottle by either name, number or letter. In beverage bottling plants, such as employed for bottling soft drinks, it is a common practice to provide a plurality of valves on the machine for controlling the dispensing of the sirup to the bottles in a specified amount. The valves on these machines frequently get out of adjustment and do not dispense the exact amount of sirup desired. In order that the specimen contained in the test tube may be identified with the particular valve for suitable adjustment purposes, the valves are provided with identifying indicia, such as a number, name or letter, and the present invention consists of a suitable holder for the test tube or bottle which slips over the test tube and which also contains a corresponding indicia to identify the same with the particular valve from which the specimen is obtained.

An important object of the present invention is to provide a holder of this character for the test tube or bottle in which the holder is provided with sight openings so that when the test tube is taken from the machine the character of the sirup can be observed through the opening and thereby indicate which of the valves are properly adjusted and which are not.

A further important object of the present invention is to provide a holder of this character which serves to support the test tube or bottle in an upright position against accidental tipping over.

A further object is to provide a device of this character of simple and practical construction, which is neat and attractive in appearance, relatively inexpensive to manufacture and otherwise well adapted for the purposes for which the same is intended.

Other objects and advantages reside in the details of construction as more fully hereinafter described and claimed, reference being had to the accompanying drawing forming part hereof, wherein like numerals refer to like parts throughout, and in which—

Figure 1 is a side elevational view of the holder with parts broken away and shown in section,

Figure 2 is a similar view taken at right angles to that of Figure 1,

Figure 3 is a top plan view, and

Figure 4 is a side elevational view of a modified form of the invention.

Referring now to the drawing in detail, wherein for the purpose of illustration I have disclosed a preferred embodiment of the invention, the numeral **5** designates a tubular member preferably constructed of lightweight metal and of suitable internal diameter to receive a test tube **6** or other vessel.

Preferably the outer surface of the upper portion of the holder is tapered as shown at **7** and the bottom end of the holder is flared as shown at **8** to provide a wide supporting base for supporting the holder in an upright position. Also the member **5** is provided with a central bulge **5'**, an internally restricted upper end **6'**, and an internally restricted lower portion **7'** forming an internal ridge **8'** adjacent the flaring end **8**, said end **6'** and ridge **8'** being of substantially the diameter of that of the test tube **6** to hold the same upright and the bulge **5'** curving away from the tube for a purpose presently seen.

Sight openings **9** are provided in the bulge **5'**, preferably at diametrically opposite sides of the holder, by means of which the contents of the tube may be inspected and which extend around the bulge **5'** a distance such that the entire tube is visible through said openings.

On the outer surface of the holder, preferably above the openings **9** are provided the identifying indicia **10**, which in the present form of the invention is shown to comprise a numeral **10**, although it will be understood that the identifying indicia may be in the form of a letter or other symbol.

In Figure 4 of the drawing I have illustrated a modified form of the invention which is of solid construction throughout and otherwise similar to the construction illustrated in Figures 1 to 3 inclusive.

From the foregoing it will be apparent that the holder serves as a support for the test tube or other bottle to maintain the same in an upright position and also provide the desired identifying means for associating the contents of the tube with a particular valve from which the contents is dispensed and which it will be understood likewise carries an identical identifying indicia.

It is believed the details of construction, advantages and manner of use of the device will be readily understood from the foregoing without further detailed explanation.

Having thus described the invention, what we claim is:

A holder for a test tube comprising a rigid tubular member open at each end and adapted to receive the tube, one end of the holder being flared and adapted to form a supporting base to support the holder in an upright position, said holder having an internally restricted upper end and an internal lower ridge therein of substantially the diameter of the test tube for holding the same upright, a central bulge curving away from said tube, and a pair of diametrically opposite sight openings in said bulge extending for a suitable distance around the same to expose the full width of the tube to view therethrough.

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