

May 10, 1960

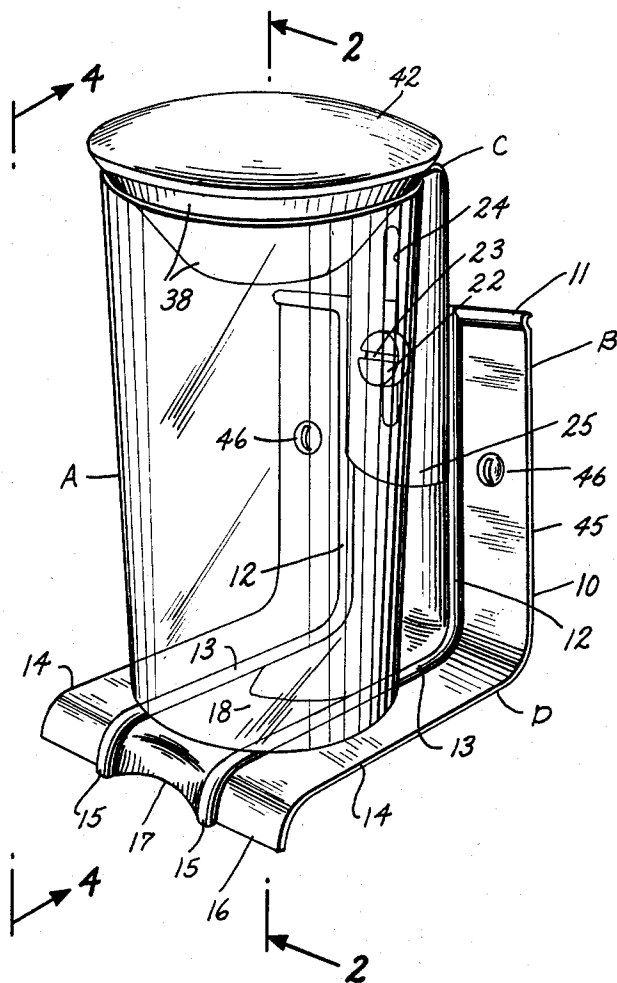
E. L. REEG
RECEPTACLE HOLDER

2,936,149

Filed Nov. 8, 1955

3 Sheets-Sheet 1

FIG. 1



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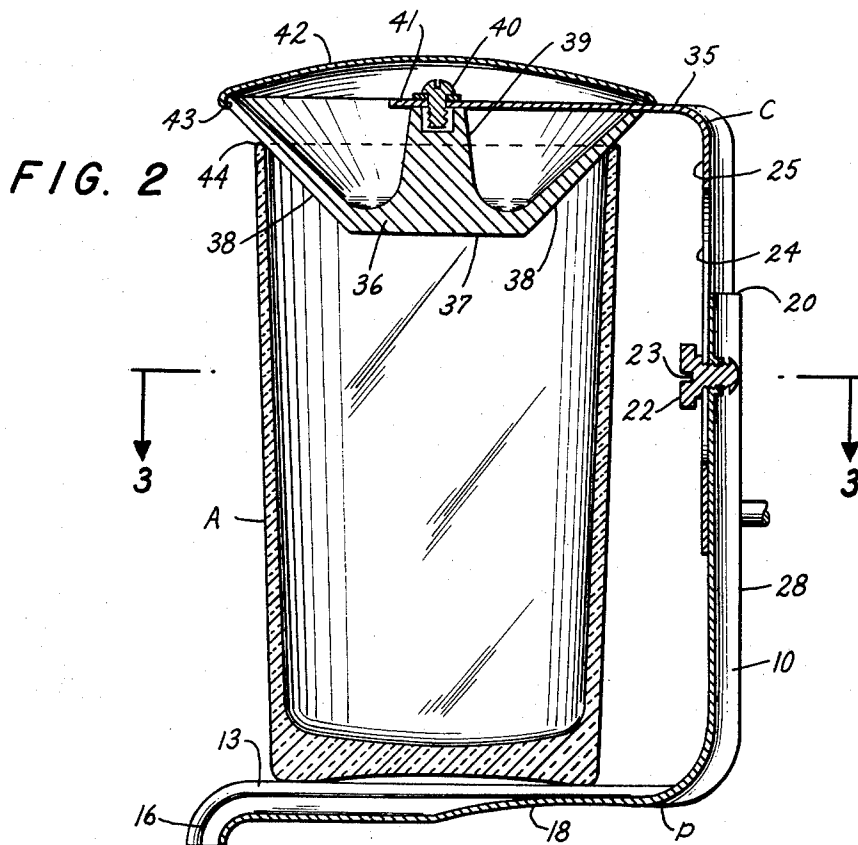
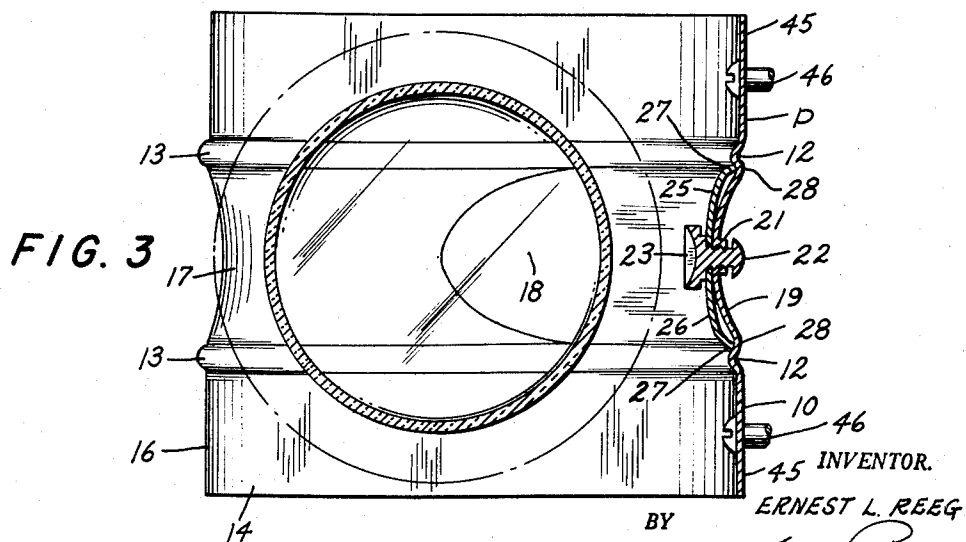
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3 Sheets-Sheet 2



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3 Sheets-Sheet 3

FIG. 5

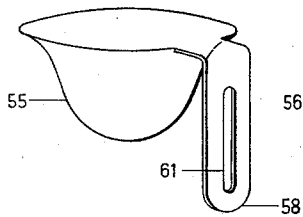


FIG. 6

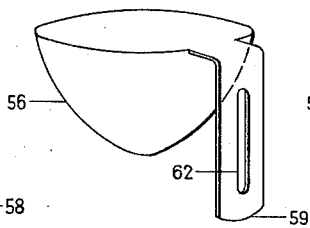


FIG. 7

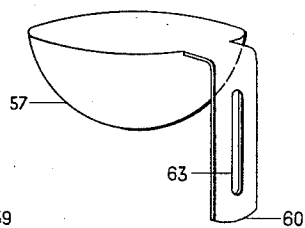


FIG. 4

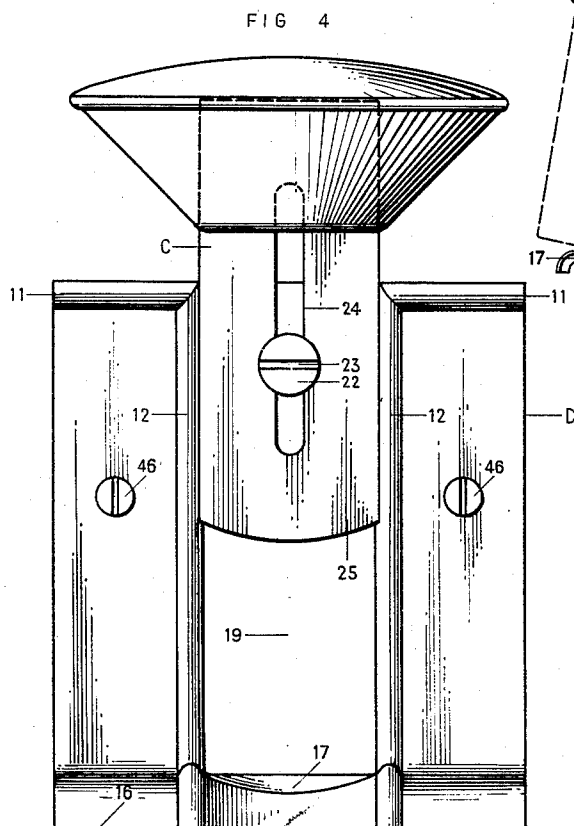
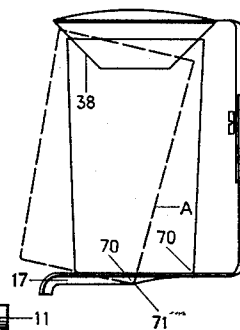


FIG. 8



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1

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RECEPTACLE HOLDER

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3 Claims. (Cl. 248—313)

The present invention relates to a receptacle holder and it particularly relates to a sanitary drinking glass receptacle holder.

The present invention is particularly designed to provide a sanitary, novel glass holder which may be provided in and about the home, factory, office or laboratory to hold glasses and other similar receptacles firmly without danger of falling off or breaking so that dust and dirt do not collect therein.

Another object is to provide a simple, inexpensive, readily mounted, durable receptacle holder which may be readily employed and utilized for mounting and supporting a wide variety of glass receptacles or drinking glasses, permitting ready access when to be used, and yet securely mounting the same when not in use.

Still further objects and advantages will appear in the more detailed description set forth below, it being understood, however, that this more detailed description is given by way of illustration and explanation only and not by way of limitation, since various changes therein may be made by those skilled in the art without departing from the scope and spirit of the present invention.

In accomplishing the above objects, it has been found most satisfactory according to one embodiment of the present invention to provide a resilient U-shaped, adjustable receiver member, between which the glass may be firmly and resiliently grasped, and the upper element of which may receive a filler member desirably of conical, elliptical or similar shape to fill the mouth of the glass.

The base of the U frame may be conveniently mounted upon a wall or support structure and one of the legs of the U may be made attachable and adjustably mounted so as to accommodate itself to different sizes or shapes of glass receptacles.

With the foregoing and other objects in view the invention consists of the novel construction, combination and arrangement of parts as hereinafter more specifically described, and illustrated in the accompanying drawings, wherein is shown an embodiment of the invention, but it is to be understood that changes, variations and modifications can be resorted to which fall within the scope of the claims hereunto appended.

In the drawings wherein like reference characters denote corresponding parts throughout the several views:

Fig. 1 is a perspective view showing the receptacle holder with the glass in position thereon.

Fig. 2 is a transverse vertical sectional view upon the line 2—2 of Fig. 1 upon the same scale as Fig. 1.

Fig. 3 is a transverse horizontal sectional view taken upon the line 3—3 of Fig. 2.

Fig. 4 is a front elevational view with the glass removed, showing the holder of Fig. 1, and taken from the line 4—4 of Fig. 1.

Figs. 5, 6 and 7 are respectively top perspective view of alternative upper holder constructions which may be used for different shapes or sizes of glasses or receptacles.

Fig. 8 is a diagrammatic side view showing how the

2

tumbler may be slipped out of and into the holder of Figs. 1 to 4.

Referring to Fig. 1 there is shown a receptacle, glass or tumbler A which is held by the U-bracket B, having an upper adjustable leg member C and a lower fixed leg member D.

Referring particularly to Figs. 1 to 4 the base portion of the U—D consists of a back member 10 to be mounted upon a wall having the transverse ridge 11 and the vertical ridges 12.

The vertical ridges 12 continue at 13 along the lower leg 14 and they turn downwardly as indicated at 15 in the front down-turned lip portion 16.

Between the horizontal ridge portions 13 is the relatively deep ridge or groove 17 which normally is inclined forwardly so as to drain over the lip 16 and not collect any water under the base 18 of the glass or tumbler A.

The deeply grooved portion 17 changes in curvature as indicated at 18 to a convex portion at 19, which as indicated at 19 extends to the upper edge 20 of the back portion 10.

This convex portion 19 receives a threaded opening 21 into which is screwed the adjustment screw 22 having the fillister slot 23.

This screw will also extend through the slot 24 in the downwardly extending leg 25 of the upper U-structure member C.

This leg 25 is flatter at its base portion 26 than the curved portion 19 and it has intumed edges 27 which fit into the recesses 28 at the sides of the grooves 12.

By tightening the screw 23 a very tight grip is formed between the convex sliding members 19 and 26 so as to hold the upper U-section C in any desired adjusted position.

The top flange 35 of the member C carries the wooden or plastic insert member 36, which as shown has a flat bottom 37 and a conical side 38.

The flat bottom has an upward central projection 39 which has a screw connection at 40 to the end 41 of the leg 35.

The top of the cone 38 is covered by the dish 42 which has the intumed under-engaging lip 43. This cone 38 will closely fit into the upper edge 44 of the tumbler or glass A, holding it firmly in position upon the lower bracket member D and against the ridges 13.

The side flanges 45 are held against the mounting by means of the screws 46.

There will be sufficient resiliency in the outwardly extending legs in the upper and lower members C and D to enable the tumbler or glass A to be snapped under or removed from the cone 38.

At the same time the cone 38 will be of soft and pliable material as for example hard rubber, wood or plastic so as not to chip the upper ridge 44 of the glass.

The conical member 38 will keep the inside of the glass sealed from dirt and dust and will also keep the glass from inadvertently falling to the floor or being cracked or broken.

The glass or receptacle as shown in Figs. 1 to 4 is not only attractive in appearance but may also be readily used to identify various persons' glasses.

In the alternative form shown in Figs. 5 to 7, the insert portions 55, 56 and 57 may be fitted into the rim of various types of glasses or tumblers, and the downwardly extending various leg portions 58, 59 and 60 will all be provided with vertical adjustment slots 61, 62 and 63 to be inserted upon and receive the screw 22.

Other changes in the shape and form may also be provided without changing the essentials of the present invention.

The U-frame structure B is desirably formed of thin

sheet stainless steel, aluminum or even enamel metal. Nickel or other non-rusting or non-tarnishing metals may also be employed.

The top holder, whether it be of conical shape as indicated at 38 or of the variance shape as indicated in Figs. 5, 6 and 7, is desirably of a plastic, wooden or non-metallic material which will not tend to chip the rim 44 of the glass or tumbler.

Referring to Fig. 8, it will be noted that the glass tumbler A may be canted into and out of position with the lower, inside corner 70 acting as a camming member and sliding along the deeply grooved portion 17 until it strikes the corner portion 71.

This structure will give the necessary allowance in addition to the flexible top, conical portion 38 to guide or swing the tumbler A to rest upon the grooves 13 in its final position.

While there has herein been illustrated and described the preferred embodiment of the invention, it is to be understood that applicant does not limit himself to the precise construction herein disclosed, and the right is reserved to all changes and modifications coming within the scope of the invention as defined in the appended claims.

The holders as shown may either be fixed or adjustable and the structure may be of metal, wood or plastic.

If desired, the cones 38, 55, 56 and 57 may be provided with sanitary covers and they also may be provided with ventilating openings suitably baffled to let vapors or air in or out of the glass or plastic containers A.

The conical closures 38, 55, 56 and 57 may be formed to fit into the rim of the glass A by means of a lip or step, and where the conical closures are of cast metal or molded plastic, the holders C therefor may be cast directly therein or molded directly therein without the necessity of using the screw 40 as shown in Fig. 2.

Having now particularly described and ascertained the nature of the invention, and in what manner the same is to be performed, what is claimed is:

1. A sanitary holder for a drinking glass comprising a bracket consisting of two right angular shaped legs adjustable with respect to each other, one of said legs having a horizontal base member for supporting the glass and a vertical member for mounting, said base member having a central groove changing in curvature along a portion of its length into a convex configuration which extends into the said vertical member, the other of said legs being mounted for adjustment on said first leg, the latter leg having a vertical member for mounting on said first leg and a horizontal support member, and an insert adapted to be received in the top of glass attached to said horizontal support member, the horizontal base member of the first leg and the horizontal support member of the other leg having sufficient resili-

ency to enable the glass to be snapped under or removed from the insert.

2. A sanitary holder for a drinking glass comprising a bracket consisting of two right angular shaped legs adjustable with respect to each other, one of said legs having a horizontal base member for supporting the glass and a vertical member for mounting, said base member having a central groove changing in curvature along a portion of its length into a convex configuration which extends into the said vertical member, the other of said legs being mounted for adjustment on said first leg, the latter leg having a vertical member for mounting on said first leg, and a horizontal support member, said vertical member having a concave portion for cooperating with the convex portion on the vertical member of said first leg, and an insert adapted to be received in the top of glass attached to said horizontal support member, the horizontal base member of the first leg and the horizontal support member of the other leg having sufficient resiliency to enable the glass to be snapped under or removed from the insert.

3. A sanitary holder for a drinking glass comprising a bracket consisting of two right angular shaped legs adjustable with respect to each other, one of said legs having a horizontal base member for supporting the glass and a vertical member for mounting, said base member having a central groove changing in curvature along a portion of its length into a convex configuration which extends into the said vertical member, the other of said legs being mounted for adjustment on said first leg, the latter leg having a vertical member for mounting on said first leg, and a horizontal support member, said vertical member having a concave portion for cooperating with the convex portion on the vertical member of said first leg, and an insert adapted to be received in the top of glass attached to said horizontal support member, said vertical members each having a slot, and means passing through said slots for holding said vertical members in adjusted position, the horizontal base member of the first leg and the horizontal support member of the other leg having sufficient resiliency to enable the glass to be snapped under or removed from the insert.

References Cited in the file of this patent

UNITED STATES PATENTS

1,353,898	Decker et al. -----	Sept. 28, 1920
1,487,674	Starbird -----	Mar. 18, 1924
1,509,470	Burgess -----	Sept. 23, 1924
1,619,099	Beck -----	Mar. 1, 1927
2,266,294	Allderdice -----	Dec. 16, 1941
2,734,711	Shippen -----	Feb. 14, 1956

FOREIGN PATENTS

1,066,541	France -----	June 8, 1954
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