DETACHABLE HANDLE FOR BOTTLES AND DRINKING GLASSES

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Fig. 1. Fig. 2.

Fig. 3.

Fig. 4.

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This invention relates to handles and more particularly to a detachable handle for bottles, drinking glasses and other liquid containers.

The object of the invention is to provide a detachable handle of simple and inexpensive construction capable of being readily attached to a beer bottle or drinking glass and by means of which a bottle or glass or a number of said bottles or glasses may be conveniently carried from place to place when vending and serving liquid refreshments.

A further object of the invention is to provide a detachable handle or holder comprising a longitudinally split cylindrical body portion adapted to receive and yieldably grip a liquid container, said body portion being reversible and provided with a smooth continuous exterior surface for advertising matter which latter is so arranged thereon that regardless of the position of the body of the holder the advertising matter thereon will be readily legible to a person drinking the contents of the container.

A further object is to provide the upper and lower ends of the resilient body portion with spring clips which assist in preventing accidental displacement of the handle and to provide the carrying handle with spaced lugs disposed adjacent the opposite ends of the body portion and constituting cap removers.

A still further object of the invention is generally to improve this class of devices so as to increase their utility, durability and efficiency.

In the accompanying drawing forming a part of this specification and in which similar numerals of reference indicate corresponding parts in all the figures of the drawing:

Figure 1 is a perspective view of a detachable handle or holder for liquid containers embodying the present invention.

Figure 2 is a vertical sectional view showing the device in position on a bottle.

Figure 3 is a plan view of the body of the holder before it is rolled into shape and showing the arrangement of the advertising matter thereon.

Figure 4 is a perspective view illustrating a slightly different form of the invention.

The improved device forming the subject-matter of the present invention comprises a cylindrical body portion 5 preferably stamped from a single sheet metal blank of the construction indicated at 6 in Figure 3 of the drawing, said blank being rolled into cylindrical form with its adjacent longitudinal edges overlapped, as indicated at 7, so as to permit the body portion to expand and contract to accommodate bottles or drinking glasses of different sizes. The body portion 5 is reversible and the exterior walls thereof continuous to provide a smooth surface for suitable advertising matter. By reference to Figure 3 of the drawing, it will be noted that the advertising matter, indicated at 8, is printed or otherwise represented on the blank 6 in reverse form so that regardless of which end of the body portion is uppermost the advertising matter thereon will be readily legible to a person drinking the liquid contents of the bottle or glass. Extending laterally from one side of the body portion 5, preferably at a point diametrically opposite the overlapped portion 7, is a carrying handle 9 having its inner ends bent to form vertically disposed attaching lugs 10 which rest against said body portion and are rigidly secured thereto by rivets or similar fastening devices 11.

The metal constituting the carrying handle 9 at the upper and lower ends of said handle is cut to form slots 12 and the metal at said slots punched or pressed outwardly to provide lateral lugs 13 formed with terminal lips 14, said lips being disposed adjacent the upper and lower ends of the body portion and constituting cap removers. In order to assist in preventing accidental displacement of the bottle when positioned within the holder, there are provided a plurality of spring clips 15 each consisting of a strip of metal having one end thereof riveted 16 to the body portion 5 and its other end bent inwardly over the adjacent edge of said body portion to form a spring finger 17 adapted to frictionally engage the adjacent surface of a bottle or glass supported within the holder. It will be noted that the spring clips are arranged at both the top and bottom of the holder so that irrespective of the position of the holder the spring fingers 17 of the lowermost clips will extend beneath and support the bottle 18 and the spring fingers of the uppermost clips will bear against and frictionally engage the adjacent walls of the bottle to assist in holding it to its seat.

In using the device, the bottle 18 which may contain beer, gingerale or other beverage is inserted in the top of the body portion by exerting a slight expansible movement to the overlapped edges 7 of the body portion and said bottle forced downwardly within the body portion until the bottom of the bottle rests on the adjacent fingers 17 and in which position the contraction of the split portion of the body 5 and the spring action of the clips at the upper end of the body
portion will firmly hold the bottle in position so that a person may drink from the bottle in the same manner he would from an ordinary drinking glass. Several bottles equipped with the holder may be conveniently carried from place to place by merely gripping the handles 9, as will be readily understood. It will be noted that the cap removers 14 are disposed adjacent the opposite ends of the body portion 5 and in convenient position to permit a person to decap a bottle without regard to the position of the holder 5 on a table or other support.

In Figure 4 of the drawing, there is illustrated a modified form of the invention in which the upper and lower sets of spring clips are dispensed with, and the bottle cap removers 14 are welded or riveted to the handle 19 instead of being up-struck therefrom, as previously described.

It will, of course, be understood that the devices may be made in different sizes and shapes and constructed of any suitable material without departing from the spirit of the invention.

Having thus described the invention, what is claimed as new is:

1. A device of the class described comprising a longitudinally split cylindrical body adapted to receive and yieldably grip a liquid container, spring clips secured to the exterior walls of the body at the top and bottom thereof and provided with terminal fingers extending inwardly over the adjacent edges of the body, and a carrying handle secured to said body.

2. A device of the class described comprising a reversible open-ended body portion formed of a single blank of spring metal rolled into cylindrical form with its adjacent longitudinal edges overlapped and disconnected to permit free expansion and contraction of said body portion, spring clips secured to the exterior walls of the body portion at the upper and lower ends thereof, said clips being provided with inwardly extending fingers normally projecting within said body portion, and a carrying handle secured to the body portion at one side thereof.

3. A device of the class described comprising a longitudinally split cylindrical body portion, said body portion being reversible and adapted to receive and yieldably grip a liquid container, upper and lower sets of spring clips secured to the exterior walls of the body portion and provided with inwardly extending spring fingers, the lower set of spring fingers being adapted to bear against the bottom of the container and the upper set of spring fingers being adapted to yieldably engage the adjacent walls of said container, and a carrying handle secured to the body portion.

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