Oct. 27, 1931. G. F. HOGAN 1,829,353

SUPPORT FOR LIQUID RECEPTACLES

Filed Oct. 15, 1930

Fig. 1,

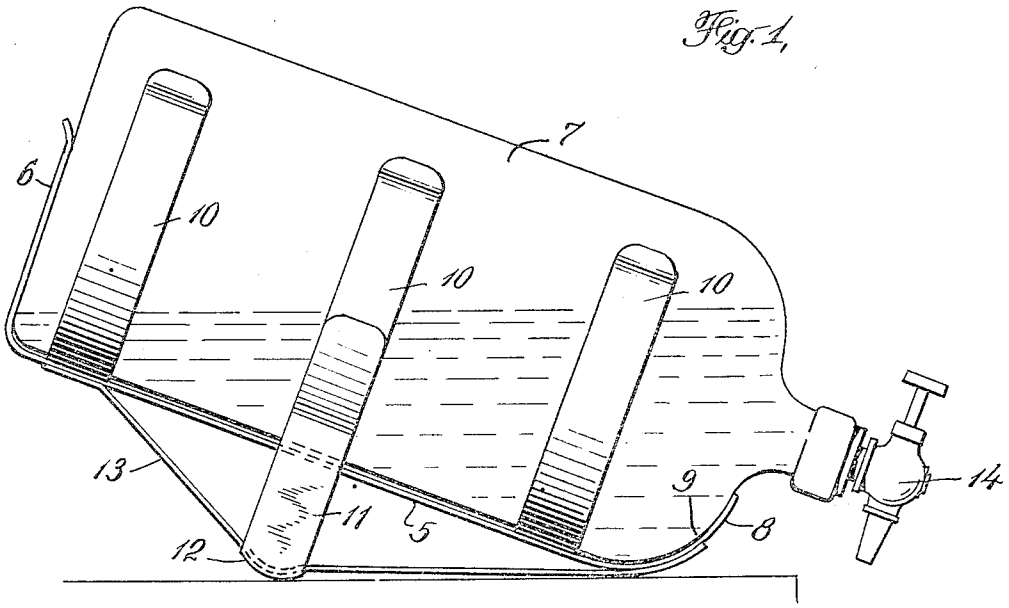
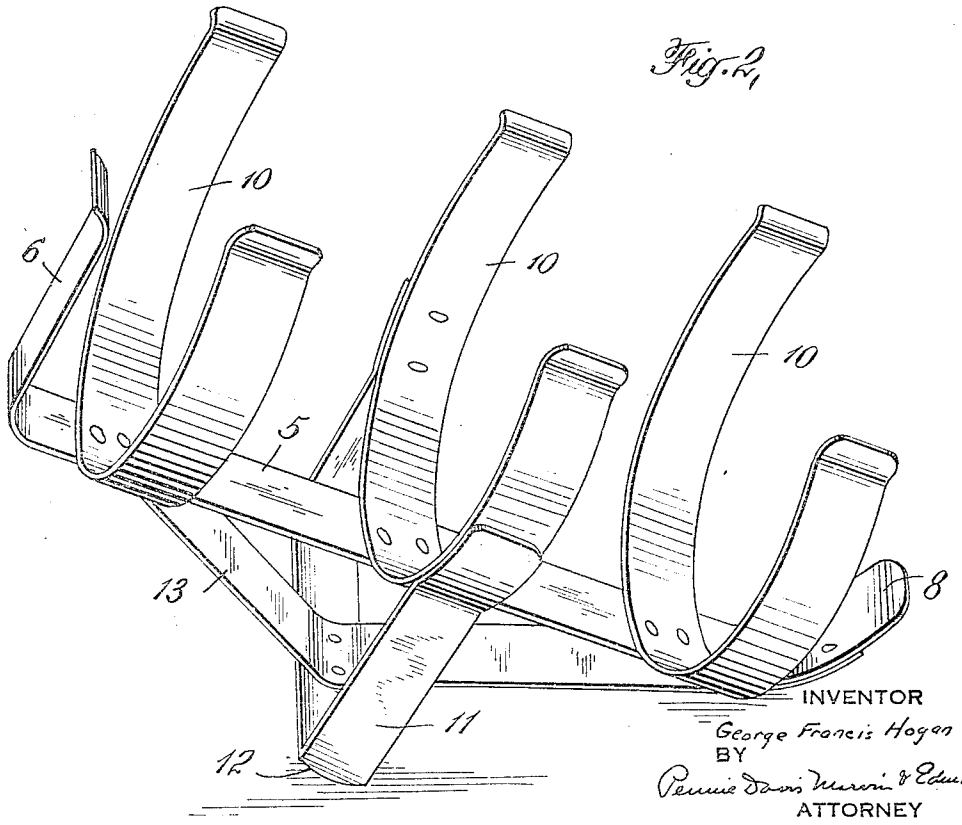


Fig. 2,



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SUPPORT FOR LIQUID RECEPTACLES

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This invention relates to supports for receptacles such as bottles containing liquids and particularly to a device adapted to embrace and hold a bottle securely, permitting it to tilt as required in dispensing the contents.

Various liquids and especially water are delivered to the consumer in relatively large bottles having, for example, a capacity of approximately one gallon. Such bottles are too large to permit introduction thereof to an ordinary household refrigerator without interfering with the shelves. This is particularly true in electrically operated refrigerators, where it is necessary to place the receptable in the lower compartment of the refrigerator to avoid freezing the liquid.

It is the object of the present invention to provide a simple and inexpensive support in which a bottle or similar receptacle can be held securely in a tilted position so that it can be placed beneath the lower shelf of a refrigerator where it is readily accessible.

A further object is to provide a tilting support which permits the bottle or other receptacle to be moved easily to a position in which the contents may be withdrawn without removing the receptacle or bottle from the refrigerator.

Other objects and advantages of the invention will be apparent as it is better understood by reference to the following specification and the accompanying drawings, in which

Fig. 1 is a side elevation of the device showing a bottle disposed therein; and

Fig. 2 is a perspective view of the device.

Referring to the drawings, a member 5 of metal or other suitable material is provided at one end with an angularly disposed extension 6 which as indicated in Fig. 1 of the drawing is adapted to engage the bottom of the bottle or other receptacle 7. The opposite end of the member 5 is bent as indicated at 8 and is adapted to engage the shoulder 9 of the bottle or other receptacle. Two or more, and preferably three, resilient bands 10 of metal or other suitable material are secured to the member 5 by spot welding, riveting or otherwise, and are adapted to embrace the bottle or other receptacle 7. These resilient bands are open at the side opposite the member 5 to facilitate the introduction of the bottle or other receptacle thereto, but extend sufficiently about the bottle and are stiff enough to hold the bottle securely even though the device is inverted.

To afford a tilting support for the device a strip 11 is secured by spot welding, riveting or otherwise to one of the bands 10 at opposite sides thereof and is provided with an arcuate bottom member 12, so that the device will tilt readily when disposed upon any suitable support. Preferably a brace 13 is secured to the member 5 adjacent the opposite ends thereof and is also secured to the arcuate member 12 by spot welding, riveting or otherwise, so as to stiffen the structure and to afford a strong support for the bottle or other receptacle in the device.

In using the device, the bottle is introduced between the bands 10 with its bottom resting on the up-turned end 6 with the end 8 of the member 5 engaging the shoulder as indicated in Fig. 1. The device containing the bottle or other receptacle may be introduced then to a refrigerator or it may be permitted to rest on any suitable surface if refrigeration is not required. When the contents are to be dispensed, the device is tilted so that the bottle or other receptacle rests in the position indicated in Fig. 1, so that the contents will flow freely. Conveniently the bottle or other receptacle may be provided with an outlet cock or faucet 14 which may be of any suitable form or construction. Preferably I employ a faucet such as that illustrated in my co-pending application Ser. No. 491,720, filed October 28, 1930.

The device as described is simple and inexpensive, involving relatively few parts which are rigidly secured together. The device facilitates dispensing of liquids from receptacles and permits the introduction of such receptacles into refrigerating compartments in which the bottle could not be placed in an upright position.

Various changes may be made in the details of construction and arrangement of the parts without departing from the invention

or sacrificing any of the advantages thereof.

I claim:

1. A tilting support for receptacles such as bottles comprising a longitudinal member having one end bent to engage the bottom and the other shaped to engage the shoulder of a bottle, a plurality of resilient bands secured to the member to embrace the bottle, and a supporting leg secured between the ends of the longitudinal member.

2. A tilting support for receptacles such as bottles comprising a longitudinal member having one end bent to engage the bottom and the other shaped to engage the shoulder of a bottle, a plurality of resilient bands secured to the member to embrace the bottle, a supporting leg secured between the ends of the longitudinal member, and a member secured to the longitudinal member at both ends thereof and to the leg to brace the structure.

3. A tilting support for receptacles such as bottles comprising a longitudinal member having one end bent to engage the bottom and the other shaped to engage the shoulder of a bottle, a plurality of resilient bands secured to the member to embrace the bottle, and a supporting leg having an arcuate surface secured between the ends of the longitudinal member.

4. A tilting support for receptacles such as bottles comprising a longitudinal member having one end bent to engage the bottom and the other shaped to engage the shoulder of a bottle, a plurality of resilient bands secured to the member to embrace the bottle, and a supporting leg having an arcuate surface secured between the ends of the longitudinal member, and a member secured to the longitudinal member at both ends thereof and to the leg to brace the structure.

In testimony whereof I affix my signature.

GEORGE FRANCIS HOGAN.