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2,470,154

BOTTLE RACK

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Fig. 1

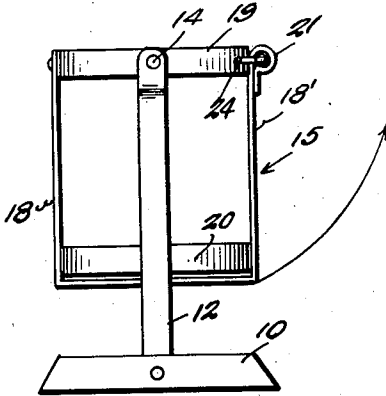


Fig. 2

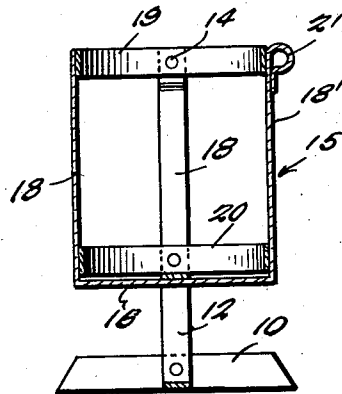


Fig. 3

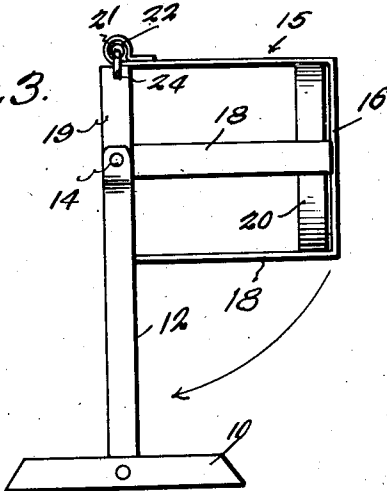


Fig. 4

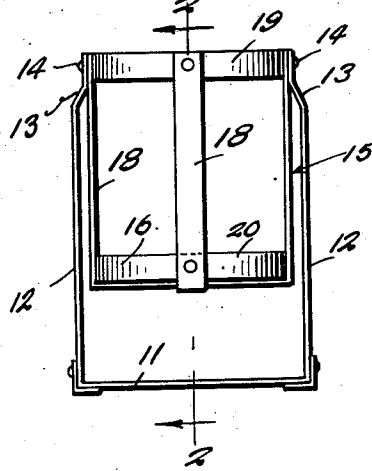
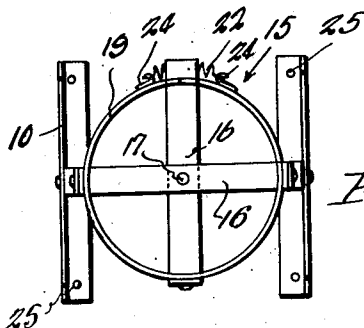


Fig. 5

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UNITED STATES PATENT OFFICE

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BOTTLE RACK

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2 Claims. (Cl. 248—141)

1 This invention relates to a bottle rack, and more particularly to such a rack adapted to support a bottle, or similar container, in such manner as to facilitate pouring of the contents thereof. A primary object of this invention is the provision of an improved bottle rack or holder, adapted to support a bottle or other container in a pivotally mounted carriage in such manner that the bottle may be readily tilted to facilitate the pouring of the contents thereof.

An additional object of the invention is the provision of such a device provided with means whereby bottles or similar containers of slightly varying diameter may be readily accommodated.

An additional object of the invention is the provision of such a device provided with means whereby the same, and its associated bottles, may be suspended from a wall or the like, in an out-of-the-way position when not in use.

A still further object of the invention is the provision of such a device which will be sturdy and durable in construction, reliable and efficient in operation, and relatively simple and inexpensive to manufacture and assemble.

Other objects reside in the combinations of elements, arrangements of parts, and features of construction, all as will be more fully pointed out hereinafter and shown in the accompanying drawing wherein there is disclosed a preferred embodiment of this inventive concept.

In the drawing:

Figure 1 is a side elevational view of one form of device embodying the instant invention.

Figure 2 is a vertical sectional view, taken substantially along the line 2—2 of Figure 4, as viewed in the direction indicated by the arrows.

Figure 3 is a view similar to Figure 1, but showing the parts in a different position of adjustment.

Figure 4 is a front elevational view of the device, and

Figure 5 is a top plan view.

Similar reference characters refer to similar parts throughout the several views of the drawings.

Having reference now to the drawing, the base of the device is comprised of two parallel members 10, comprised of angle iron or the like, and secured together by a transverse member 11 extending between them at an intermediate point. Extending upwardly from each of the members 10 is an upright 12, the upper extremities of each upright being offset, inwardly, as at 13 (see Figure 4), and provided with pivot pins 14, adapted

2 pivotally to support a bottle rack generally indicated at 15.

The bottle rack 15 includes crossed supporting members 16, secured together at their central portions in any desired manner, as by a rivet 17. The extremities of the members 16 are bent upwardly, as at 18, and the upper extremities of the portions 18 are secured to an upper peripheral band 19, at three points. A lower peripheral band 20 is secured to all of the members 18, adjacent the lower extremity thereof.

One of the members 18, specifically designated as 18', terminates at its upper extremity in a looped portion 21, adapted to contain a coil spring 22, as best shown in Figure 5. The extremities of the spring 22 are engaged by hooks or outwardly flared portions 24, carried by the peripheral band 19, which, it is to be pointed out, is split at a point adjacent the loop 21.

Each of the base members 10 is provided adjacent each extremity thereof with a hole or aperture 25, by means of which the device may be hung on any desired hook or other support when not in use.

From the foregoing, the operation of the device should now be readily understandable. With the parts in the position as shown in Figure 1, a bottle is positioned within the rack 15, and normally supported in upright position thereby. When it is desired to utilize the bottle and pour the contents therefrom, the device may be readily tilted to the position shown in Figure 3, or beyond, in order to permit ready pouring of the contents of the bottle.

The split ring construction 19, together with the spring 22, serves to permit the use of the device with bottles of the same general size, having slight variations in diameter. In the preferred embodiment of this invention, the device is preferably constructed of metallic strips, or similar material, thus obviating the disadvantage incident to racks constructed of wood, or the like, in splitting and warping.

Obviously, the device may be constructed in any desired size, for any desired type of bottle, and while sheet metal has hereinbefore been referred to as the preferred construction thereof, it will be readily seen that any other desired material may be utilized.

From the foregoing, it will now be seen that there is herein provided a device accomplishing all of the objects of this invention, and others, including many advantages of great practical utility and commercial importance.

As many embodiments may be made of this

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inventive concept, and as many modifications may be made in the embodiment hereinbefore shown and described, it is to be understood that all matter herein is to be interpreted merely as illustrative, and not in a limiting sense.

I claim:

1. In a bottle rack, a base, uprights mounted on said base, and a bottle supporting frame pivotally mounted between said uprights, said frame including two right angularly disposed base members having their extremities upwardly bent to form the sides of said frame, upper and lower peripheral rings secured to said bent extremities, the upper of said rings being split, a boss formed at the top of said bottle frame member, a spring extending through said boss, hooks adjacent the split in said upper ring and said spring being detachably secured to said hooks.

2. In a bottle rack, a base, uprights mounted on said base, and a bottle supporting frame pivotally mounted between said uprights, said frame including two right angularly disposed base members having their extremities upwardly

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bent to form the sides of said frame, upper and lower peripheral rings secured to said bent extremities, the upper of said rings being split, and a resilient connection between the ends of said split ring, said connection comprising a pre-tensioned coil spring having one end secured to each end of said split ring, said bottle frame member being looped at its top to form a housing and retainer for said spring.

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