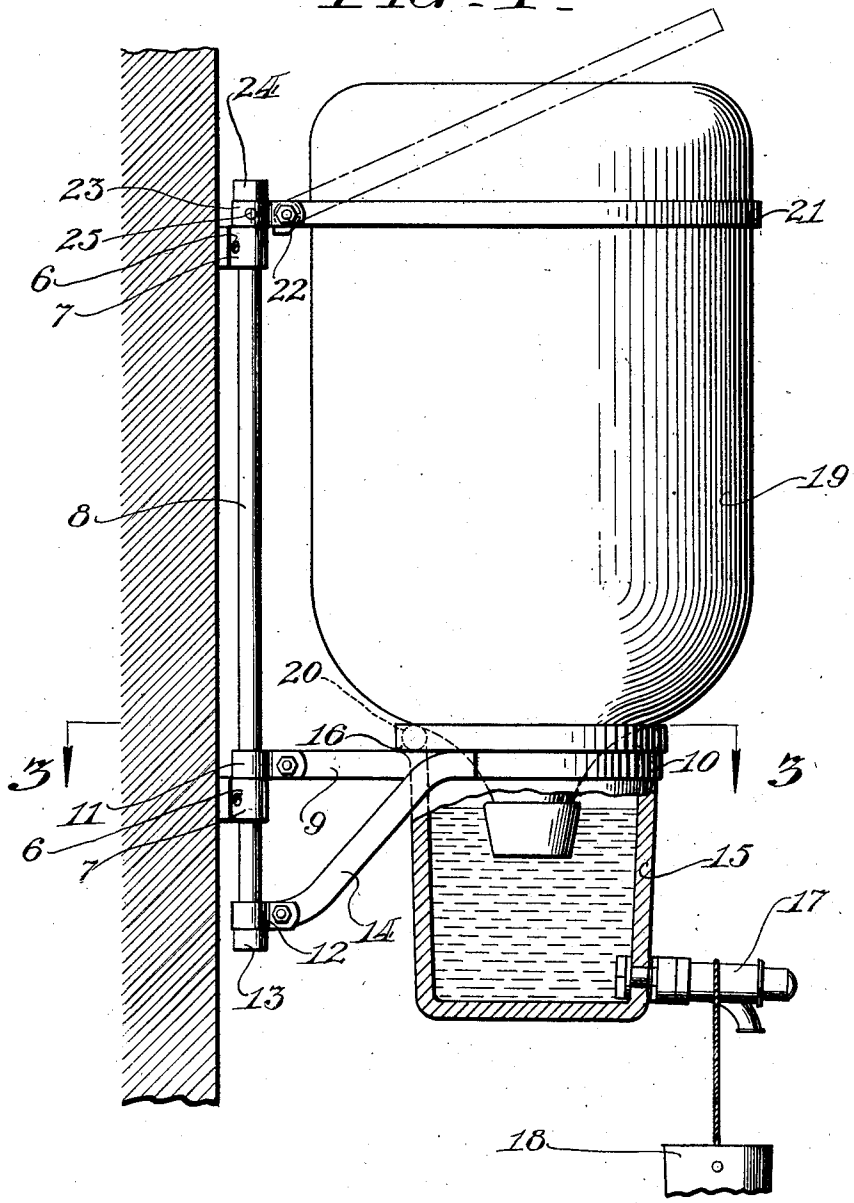
Jan. 7, 1930. S. SMITH 1,742,619

BOTTLE HOLDER

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FIG. 1.




WITNESSES:
Harry C Bright
Wesley Merrill

INVENTOR:
Smith Smith,
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BOTTLE HOLDER

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FIG. 2.

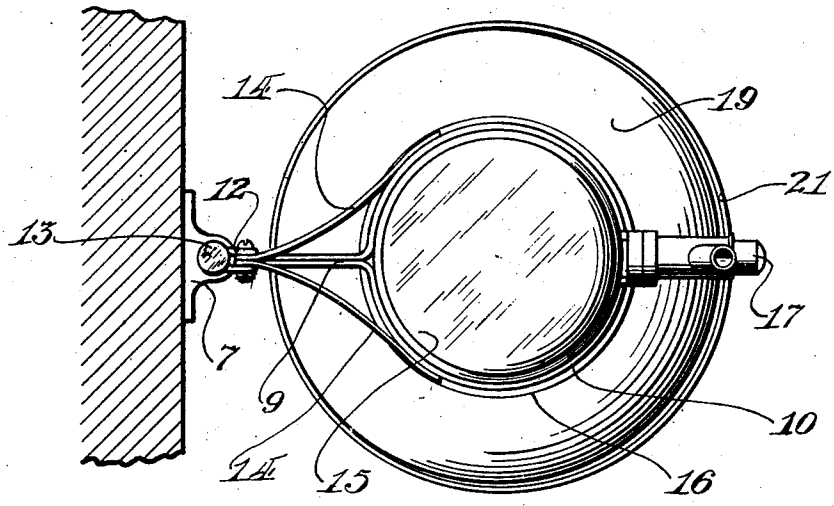
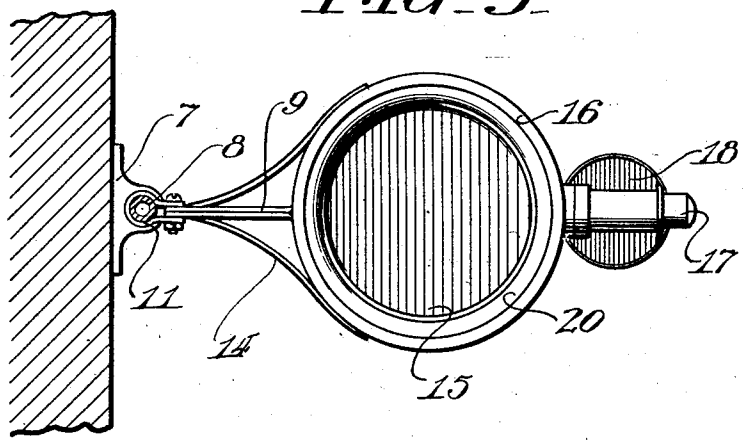



FIG. 3.




WITNESSES:
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FIG. 4.

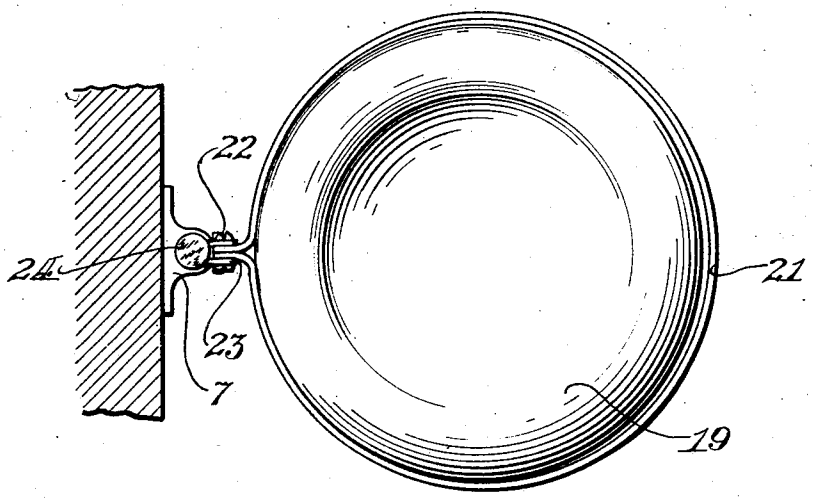
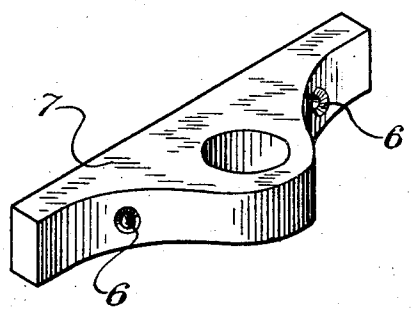



FIG. 5.




WITNESSES:
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INVENTOR:
Smith Smith,
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Patented Jan. 7, 1930 1,742,619

# UNITED STATES PATENT OFFICE

SMITH SMITH, OF BOOTHS CORNER, PENNSYLVANIA

## BOTTLE HOLDER

Application filed July 18, 1927. Serial No. 206,486.

My invention relates to bottle holders, and more particularly to a holder adapted to swingably support a large bottle, such as those in which drinking water is transported.

I am aware that a great variety of bottle holders and water coolers have heretofore been produced which are supported on stands or tables and thus are oftentimes in danger of being upset as well as occupying floor space which may be advantageously employed otherwise.

An object of my invention is to provide a bottle holder which may be secured to a wall in such a manner that the bottle contained therein may swing freely when engaged by an external moving body and thus eliminate the danger of breaking the bottle or upsetting a stand upon which it may be supported as well as saving the floor space which is ordinarily occupied by a cooler of the conventional type.

Another object of my invention is to so design the bottle holder that it may be easily secured to a wall or other stationary surface and which has few parts of simple construction.

The invention consists in a bottle holder comprised of brackets adapted to be secured to a support and a column journaled in the brackets, together with a ring adapted to support the bottle and a hoop hinged to the column and adapted to be brought into position to encircle the bottle in spaced relation to the ring, the column being arranged with a stop means for preventing its downward movement relative to the bracket beyond a certain limit.

In the drawings:—

Figure 1 is a side elevation, partly in section, of an embodiment of my invention as same would appear when attached to a wall and having a bottle supported therein.

Figure 2 is a bottom plan view of the device shown in Figure 1, the drip pail being omitted,

Figure 3 a section on line 3—3 on Figure 1, the bottle being omitted,

Figure 4 a top plan view of the device shown in Figure 1, and

Figure 5 an enlarged perspective view of a bracket bearing forming a part of my invention.

Referring now more in detail to the drawings, the device is adapted to be secured to a wall by passing screws or other fastening means through holes 6 formed in bracket bearings 7 in which a column 8, preferably made of metal pipe, is rotatably mounted. A support 9 is preferably formed from a metal bar and bent to form a ring 10 while the two ends of the bar are brought into engagement with one another and secured in a clamp 11 which surrounds column 8 and rests upon the lower bracket bearing 7. A clamp 12 surrounds the lower end of column 8 and preferably rests against a cap 13 threaded onto the lower end of the column. A pair of braces 14 have one end of each secured in clamp 12 and their upper ends separated from one another and secured to the periphery of ring 10 in any suitable manner as by welding.

A jar 15, having an annular flange 16, is supported in ring 10 and provided with a spigot 17 through which water may be drawn from jar 15 in the usual manner and a drip bucket 18 may be suspended from spigot 17, if so desired. A bottle 19 is inverted in jar 15 so that its shoulders rest on a resilient gasket 20 disposed around the opening of jar 15 adjacent flange 16, as plainly shown in Figure 1. A hoop 21 is preferably formed from a flat bar so that the ends of same may be brought into engagement with one another and be journalled on a bolt 22 forming a part of a clamp 23 which encircles the upper end of column 8 and is disposed between upper bracket bearing 7 and a cap 24 threaded onto the upper end of the column. Cap 24 is fully capable of carrying the load to which the bottle holder may be subjected but, if so desired, this load may be carried by a bolt or rivet 25 passing through clamp 23 and the upper end of column 8, as shown in Figure 1.

A bottle may be deposited in jar 15 by swinging hoop 21 upwardly, as shown in dot-and-dash lines in Figure 1, and, after the bottle is in place, swinging the hoop downwardly so that it engages the upper end of

the bottle and prevents same from tilting. Column 8 preferably fits neatly in bracket bearings 7 so that it may readily swing therein without any undue lost motion. With a bottle mounted in one of my improved bottle holders, it will swing readily if engaged by an external moving body and thus tend to prevent the breaking of the bottle as well as eliminating all danger of upsetting a bottle, such as would be contained in the ordinary support or water cooler.

While I have shown a preferred embodiment of my invention supporting a water bottle, it will be readily understood that it may be adapted to support a cooler containing a bottle of this type and that it may be adapted to other uses as well as certain modifications made in its structure without departing from the spirit of the invention, and hence I do not limit myself to the precise construction set forth, but consider that I am at liberty to make such changes and alterations as fairly come within the scope of the appended claims.

I claim:—

1. A bottle holder including brackets adapted to be secured to a support, a column journalled in the brackets, a support secured to the column and having a ring adapted to support a bottle, braces secured to the column and to the ring, a hoop hinged to the column and adapted to encircle a bottle, and means for holding the column against downward movement relative to the brackets.

2. A bottle holder including upper and lower brackets adapted to be secured to a support, a pipe journalled in the brackets, pipe caps on the ends of the pipe, a bottle support secured to the pipe and resting on the lower bracket, a ring formed on the bottle support, a clamp secured to the pipe and abutting the lower cap, a brace secured to the clamp and to the ring, an upper clamp secured to the pipe and abutting the upper bearing and upper cap, and a hoop hinged to the upper clamp and adapted to encircle a bottle.

3. A bottle holder including brackets adapted to be secured to a support, a column journalled in the brackets, a support secured to the column and having a ring, an open-mouthed jar carried by the ring and adapted to receive the neck of a bottle, a resilient gasket around the mouth of the jar for engaging a bottle, braces secured to the column and to the ring, a hoop hinged to the column and adapted to encircle a bottle, and means for holding the column against downward movement relative to the brackets.

In testimony whereof I have signed my name to this specification.

SMITH SMITH.