Aug. 18, 1970 B. S. SORTH 3,524,614

MAGNETIC CUP HOLDER

Filed Aug. 5, 1968

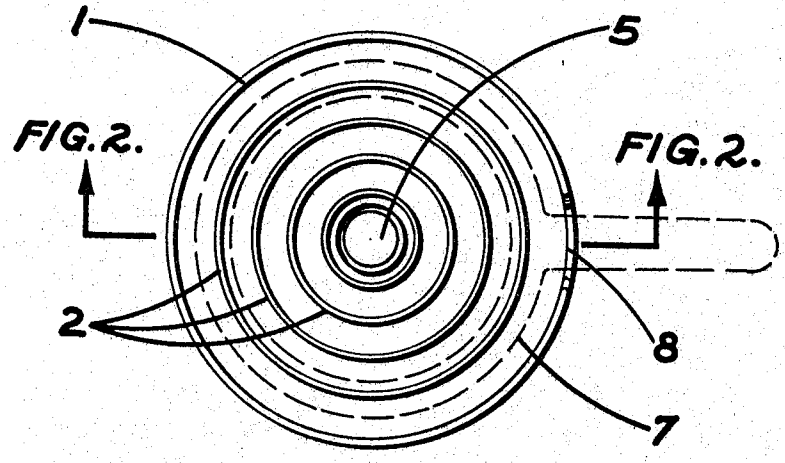


FIG. 1.

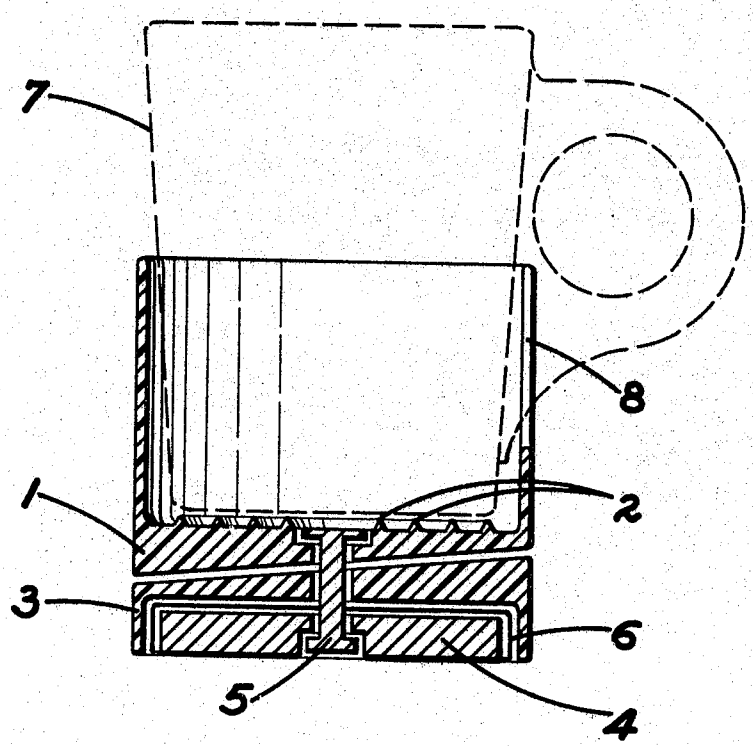


FIG. 2.

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MAGNETIC CUP HOLDER

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ABSTRACT OF THE DISCLOSURE

A cup holder having a first body portion with means on the upper surface to hold a cup and its lower surface disposed at an angle to the upper surface. The first body portion is rotatably engaged with a bottom support member having an upper surface disposed at a similar angle. A magnet is provided in the base of the support member for attaching the holder to a metal surface.

This invention relates to an implement for holding beverage containers while riding in moving vehicles. The principal object is to provide a stable and level base with which to hold beverage containers.

Another object is to provide a device which may be levelled if placed on a surface which is not level; this may be done by rotating the body with respect to the base.

Another important object of the invention is the V-shaped cut in the top piece to allow a cup-with-handle to be inserted.

Still another important object of the invention is the magnetic base which holds the device securely to the metal part of a vehicle.

Representative embodiments of this invention are herein presented, but it will, of course, be appreciated that the invention is susceptible of incorporation in still other forms coming equally within the scope of the appended claims.

In the accompanying drawings:

FIG. 1, is the top plan view, showing various parts which will be described below.

FIG. 2, is a vertical section also showing parts which are described below.

The top part of body 1 is round with nibs 2 at the bottom to keep smaller cups from slipping. The body 1 has its base at an angle with a hole in the center to accommodate rivet 5. The body 1 also has a V shaped slot 8 so that a cup with handle 7 will fit inside body 1 with no obstruction.

The bottom piece of holder 3 is round with hole in center to accommodate rivet 5. The top of body 3 is made at an angle. A cavity in bottom of body 3 holds magnet 4 and magnet cover 6.

The top piece of body 1 is held to bottom piece of body 3 by rivet 5. The top piece 1 and bottom piece 3 rotate independently of one another, thereby creating an angle so that the entire device may be placed on an uneven surface and the device would be levelled by rotating the parts 1 and 3, thus keeping the beverage level in cup 7.

I claim:

1. A device of the character described comprising a body portion having a bottom wall and an annular cup-receiving portion extending normally upwardly therefrom, the lower surface of said bottom wall defining an acute angle with the plane of the upper surface of said wall, a support member underlying said bottom wall and having an upper surface generally parallel to the lower surface of said bottom wall with the bottom portion thereof parallel to the plane of said upper surface of said bottom wall, means rotatably connecting said body portion and said support member for rotation about a central vertical axis with said means being positioned entirely within the axial extent of said body portion and said support member.

2. A device as set forth in claim 1 in which said annular portion is provided with an axially extending cup handle receiving slot extending downwardly from the upper edge thereof.

3. A device as set forth in claim 1 including a magnet positioned subjacent said support member and having its lower surface generally coplanar with the bottom portion of said support member.

4. A device as set forth in claim 3 in which said support member is provided with a cavity to receive said magnet, and said annular portion is provided with a slot extending axially downwardly from the upper edge thereof, with said slot having a generally V-shaped configuration.

References Cited

UNITED STATES PATENTS

3,026,159	3/1962	Miller et al.	108—157
2,091,518	8/1937	Murphy	248—311
2,217,514	10/1940	Henry.	
2,307,882	1/1943	Freud et al.	248—311
2,719,414	10/1955	Davis	248—302
2,796,068	6/1957	Healy.	
2,844,909	7/1958	Perchinsky	248—346.1
3,021,638	2/1962	Kristek	248—188.2
3,268,198	8/1966	Swett	248—346.1

FOREIGN PATENTS

1,271,112	7/1961	France.

MARION PARSONS, JR., Primary Examiner

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248—206, 346.1