

E. C. HALDEMAN.
CONICAL SANITARY CUP HOLDER.
APPLICATION FILED APR. 10, 1912.

1,113,618.

Patented Oct. 13, 1914.

Fig. 1.

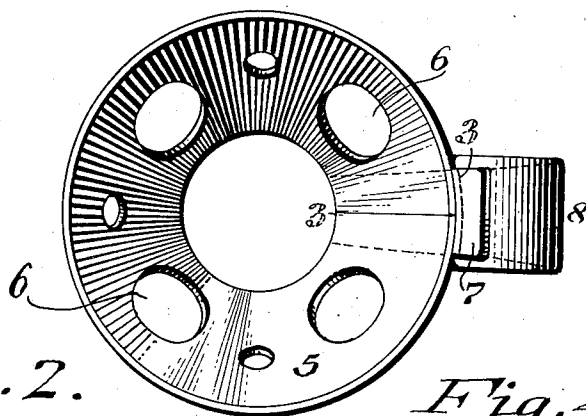


Fig. 2.

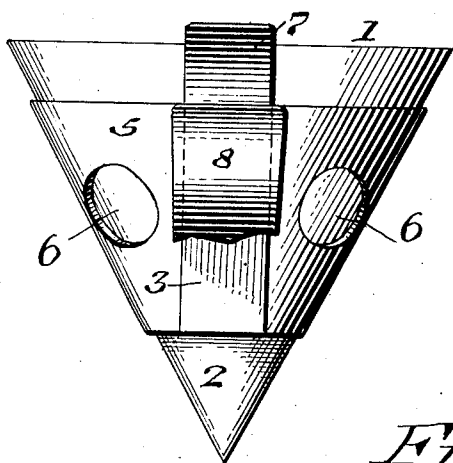


Fig. 4.

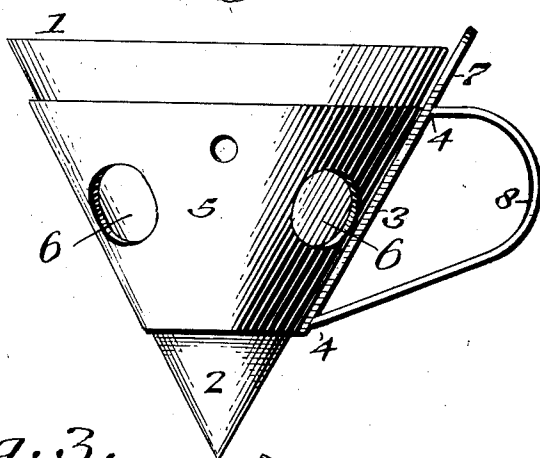
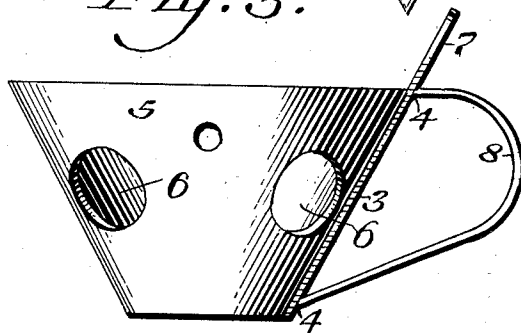


Fig. 3.



WITNESSES

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UNITED STATES PATENT OFFICE.

EDWARD CLAYTON HALDEMAN, OF PHILADELPHIA, PENNSYLVANIA.

CONICAL-SANITARY-CUP HOLDER.

1,113,618.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, EDWARD CLAYTON HALDEMAN, a citizen of the United States, residing at 1940 North Marshall street, in the city and county of Philadelphia and State of Pennsylvania, have invented a new and useful Conical-Sanitary-Cup Holder, of which the following is a specification.

My invention relates to a holder for a sanitary drinking cup and consists of the novel features hereinafter described and claimed.

Figure 1 represents a top or plan view of a drinking cup holder embodying my invention. Fig. 2 represents a side elevation thereof partly broken away. Fig. 3 represents a side elevation thereof at a right angle to Fig. 2. Fig. 4 represents a side elevation similar to Fig. 3, showing a drinking cup in position therein.

Similar numerals of reference indicate corresponding parts in the figures.

This drinking cup is formed from a circular piece 1 of card board or paper, although thin metal, cotton or linen cloth, metal foil or sheet rubber may be used. The paper may be paraffin coated or otherwise waterproofed.

The sheet is first folded inwardly along one radius, and outwardly along another making an angle of about 90° with the first. Upon this angle depends the area of the circle forming the top of the cup, and consequently the capacity of the cup. A right angle appears to give the proper relation between width and depth, though this can be varied. By pressing the resulting fold against the hollow cone which has been formed, the cup is complete, this fold being held in place by a wire paper clip 4, glue or some similar device. After this hollow cone is made, either by hand or machine, it is packed in lots of about 50, and thus distributed.

When a conical sanitary cup is to be used it is placed in a holder which is kept at the various drinking fountains. This holder is of metal, and of the same shape as the cup.

About $\frac{3}{4}$ " of the apex is cut off, and holes 6 are cut in the sides. The sides also are about $\frac{1}{2}$ " lower than the drinking edge of the paper cone, to prevent the lips from coming in contact with the metal, which would make void its sanitary features. While holding the cup to drink the thumb is placed on the small projection above the handle and thus prevents the paper from sliding out.

The cup 1 is inserted in the body 5 of the holder and has its lower end 2 protruded below the open bottom of said body so as to nicely occupy said body and tighten itself downwardly therein. As said body is formed of light material it is important to strengthen the connection of the handle 8 therewith. For this purpose, I employ the vertically arranged plate 3 which is secured to the side of said body at the place of occupation of said handle, and the handle has its ends attached to said plate. Then, said plate has a portion extending above the top of the body forming the tongue 7 which is adapted to support the portion of the side of the cup that projects above said top and produce an abutment against which said portion may be pressed by the thumb or finger of the drinker so that when the holder is turned sidewise for use, the cup will be controlled and prevented from dropping out therefrom.

I claim:

A cup holder comprising a body, a brace plate on the side of the same connected therewith, a handle connected with said plate, and a tongue rising from said plate and continuous thereof above said handle, said tongue being adapted to extend above the upper edge of the said body to sustain the portion of the side of the cup projecting above the body and to form an abutment against which said portion may be pressed by hand to control the cup in the holder.

EDWARD CLAYTON HALDEMAN.

Witnesses:

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MARY E. HOGAN.