D. F. CURTIN.

SANITARY CUP.

APPLICATION FILED MAY 29, 1916.

1,381,619. Patented June 14, 1921.

Fig. 1.

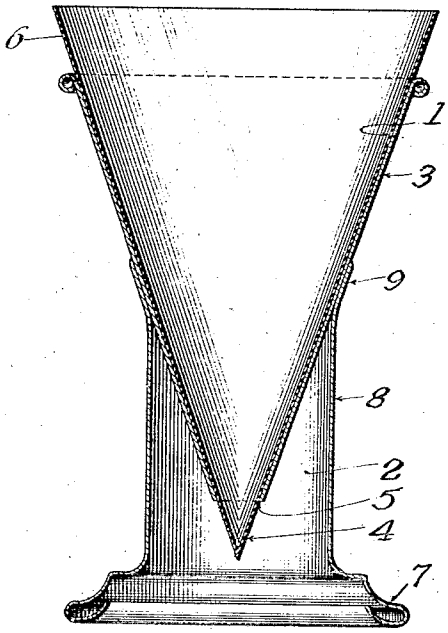


Fig. 2.

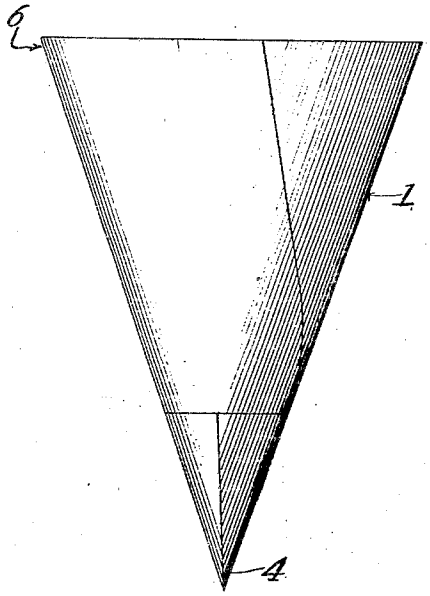
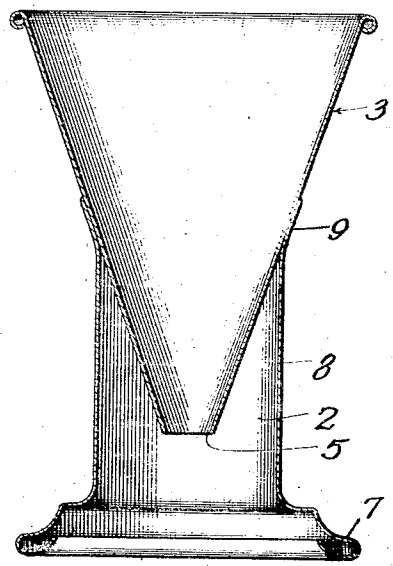


Fig. 3



Witnesses:
Robert H. Weir
Arthur W. Carlson

Inventor
David F. Curtin
By Burton Upfille
Atty.

UNITED STATES PATENT OFFICE.

DAVID F. CURTIN, OF CHICAGO, ILLINOIS.

SANITARY CUP.

1,381,619. Specification of Letters Patent. Patented June 14, 1921.

Application filed May 29, 1916. Serial No. 100,555.

To all whom it may concern:

Be it known that I, DAVID F. CURTIN, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Sanitary Cups, of which the following is a description.

My invention relates to that general class of dishes and devices for use at soda fountains or other public places where each dish or cup is used for a single customer and destroyed as soon as used.

The object of my invention is to provide a simple, cheap, convenient and highly sanitary device of the kind described wherein a thin cup or receptacle is employed which may be formed of paper or other flexible or comparatively weak material with a holder arranged to support the sides of the cup so that a spoon or other implement may be used in the vessel without the risk of injuring the cup when in service or tending to cause the same to leak.

To this end my invention consists in the novel construction, arrangement and combination of parts herein shown and described, and more particularly pointed out in the claim.

In the accompanying drawings wherein like or similar reference characters indicate like or corresponding parts,

Figure 1 is a central vertical section of my improved cup and holder.

Fig. 2 is a side elevation of the cup alone removed from the holder.

Fig. 3 is a central vertical sectional view of the holder with the cup removed.

In the preferred construction my improved device comprises a conical cup 1 formed of paper or other suitable material which may be formed in any desired manner to render the same liquid tight, as for example, the cup may be formed of paper coated with paraffin or wax which coating material is employed for permanently connecting the adjacent portion of the blank from which the cup is formed, or a suitably formed cup may be formed having any folds or layers which may occur in its sides permanently connecting by glue or other suitable cement and the cup when finished coated upon its exterior with wax or paraffin.

The holder 2 for supporting the cup 1 comprises a frusto-conical socket member 3 arranged to accurately fit against and support the sides of the cup 1 with a portion 6 of the cup protruding above the large end of said socket member to facilitate drinking from the cup without bringing the lip in contact with the holder. A portion 4 of the small end of the cup also protrudes beyond the lower end of the socket 3 through a suitable aperture 5 provided therein for that purpose to prevent the possibility of any foreign substance accumulating in the bottom of the socket and interfering in any manner with the accurate seating of the cup 1 in the socket. The size of the aperture 5 is preferably such that a spoon or other implement used in the cup cannot under any circumstances extend through the aperture and engage the unsupported wall of the cup.

In the form shown a base 7 of any suitable form or construction is provided having a tubular shank or column 8 rigidly attached thereto with the upper end 9 of the shank 8 annularly flared to provide a seat neatly to fit the exterior of the socket member 3 and preferably rigidly secured thereto to hold the socket member in an upright position with the large end upward, said socket member projecting into said column 8 substantially midway of the length of said socket member. The several parts are so proportioned that when in service the holder may be placed upon a table or other flat surface and the apex of the cup 1 will be sufficiently raised from the surface of the table to render the probability of its contact with the table or other surface and consequent accidental displacement in the socket extremely slight.

When in service it is obvious that a spoon or other implement used in the cup will merely press the side walls of the cup against the holder without distorting the same thus rendering injury to the cup in this manner substantially impossible since the portion of the cup protruding beyond the socket cannot be reached with the implement and the portion protruding above the socket is also, above the normal height of the fluid in the cup and would not ordinarily be pressed upon by an implement used in the cup and if with unusually severe or careless handling the part 6 becomes injured or destroyed no damage could result since as before stated it is not intended to fill the cup with liquid above the upper rim of the socket 3.

Having thus described my improvement it is obvious that various immaterial modifications may be made in my device without departing from the spirit of my invention,

hence I do not wish to be understood as limiting myself to the exact form or construction shown.

What I claim as new and desire to secure by Letters Patent is:

A device of the kind described, comprising a base, a tubular column rigidly attached thereto, the upper peripheral portion of said column being flared upwardly and outwardly to provide a beveled seat, and a socket member in the form of an imperforate frusto-cone positioned upon and secured to said seat at a point approximately mid-way between the ends of said frusto-cone.

In testimony whereof I have hereunto signed my name in the presence of two subscribing witnesses.

DAVID F. CURTIN.

Witnesses:
BLANCHE CHALMERS,
BURTON U. HILLS.