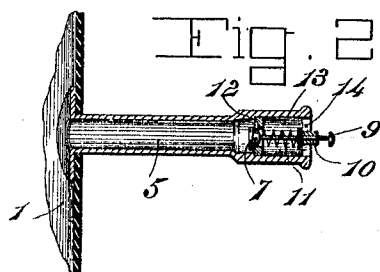
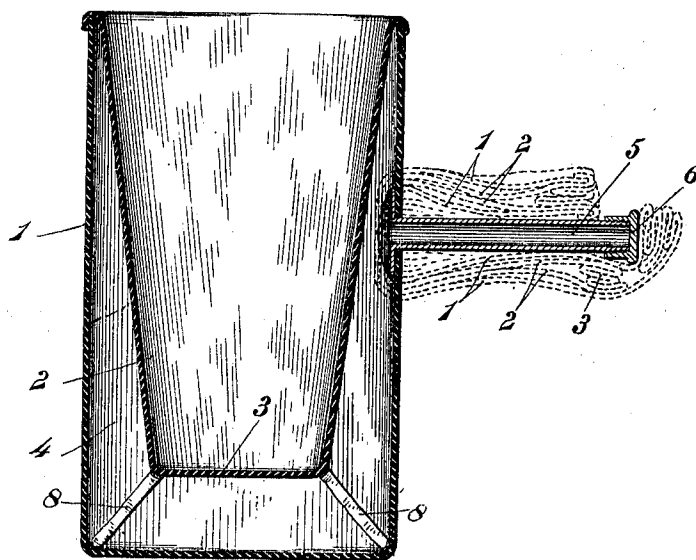


993,174.

G. W. KIDD.
DRINKING CUP.
APPLICATION FILED NOV. 28, 1910.

Patented May 23, 1911.

Fig. 1.



Witnesses

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UNITED STATES PATENT OFFICE.

GEORGE W. KIDD, OF MINNEAPOLIS, MINNESOTA.

DRINKING-CUP.

993,174.

Specification of Letters Patent.

Patented May 23, 1911.

Application filed November 26, 1910. Serial No. 594,334.

To all whom it may concern:

Be it known that I, GEORGE W. KIDD, a citizen of the United States of America, residing at Minneapolis, in the county of Hennepin and State of Minnesota, have invented new and useful Improvements in Drinking-Cups, of which the following is a specification.

This invention relates to drinking cups, the object of the invention being to provide a collapsible structure which can be folded into a very compact package to permit of its being carried in the pocket and which can be readily unfolded when desired to be used.

In the drawing, forming a portion of this specification and in which like numerals of reference indicate similar parts in the several views:—Figure 1 is a longitudinal vertical section through my improved cup. Fig. 2 is a section through a portion of the cup showing a slightly modified form of my invention.

My improved cup consists preferably of an outer body 1 of rubber or suitable foldable flexible and preferable elastic material, the said body being substantially of cylindrical form and having fitted therein an inner body 2 which is tapered downwardly and inwardly from the upper edge of the outer body toward the bottom of the said outer body. The inner body is provided with a bottom 3 which is spaced from the bottom of the outer body and from this construction, and further, incident to the tapered construction of the inner body, the walls of the said inner body are entirely spaced from the walls of the outer body to form an air chamber 4. This chamber is entirely closed by folding the walls of the inner body over the upper edge of the outer body and cementing such parts together or otherwise sealing them so as to form a perfect air and water tight connection. The outer body is provided with a hollow handle 5 which opens directly into the chamber 4. The outer end of the handle 5 is threaded exteriorly and it has removably engaged therewith a cap 6. From the construction described it will be seen that when it is

desired to set the cup up for use the cap 6 of the handle 5 is removed. By blowing into the tube-like handle 5 the desired quantity of air can be conveyed to the chamber 4 so that the inner and outer bodies 1 and 2 respectively can be extended to present a suitably rigid cup-like structure or receptacle.

To prevent the inner body from being blown out of the outer body under the pressure of the air in the chamber 4, I preferably connect the said inner body at the bottom thereof to the bottom of the outer body by web-like members 8. If desired the bottom of the inner body may be secured directly to the bottom of the outer body.

In the modified form of my invention shown in Fig. 2, the tube-like handle 5 is provided with an inwardly opening valve 7 of a flared construction. This valve is provided with a stem 9 which is movable in the guide 10 at the outer end of the tube. A relatively light extensile spring 11 is operatively connected with the stem to hold the valve 7 thereof yieldingly seated against the walls of the opening in the seat 12, the opening in the seat being relatively large and being arranged in direct communication with the outer chamber 13. The guide 10 is surrounded by suitable inlet passages 14. In this form of my invention when it is desired to inflate the structure the tube 5 may be held in the mouth and by blowing into the tube the valve 7 will be opened and the air will be directed into the chamber. The valve stem 9 extends a slight distance beyond the outer end of the tube so as to form a manipulating portion. While it is desired to construct the inner and outer bodies of the cup of rubber, it is obvious that any suitable impervious material may be substituted therefor.

I claim:

1. A drinking cup comprising a collapsible body having spaced walls forming a chamber, and a hollow handle member opening directly into the chamber.

2. A drinking cup comprising a collapsible outer member, a collapsible inner member secured to the outer member and fitting

therewithin and having its walls spaced from the walls of the outer member to form a chamber, and a hollow member secured to the outer member and provided at one end
5 with a removable cap.

3. A cup comprising impervious inner and outer members associated with each other to form an air chamber surrounding the inner member, and a hollow handle secured to the

outer member and opening directly into the 10 chamber.

In testimony whereof I affix my signature in presence of two witnesses.

GEORGE W. KIDD.

Witnesses:

R. B. HOSTETTER,
N. L. ANDERSON.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents,
Washington, D. C."
