

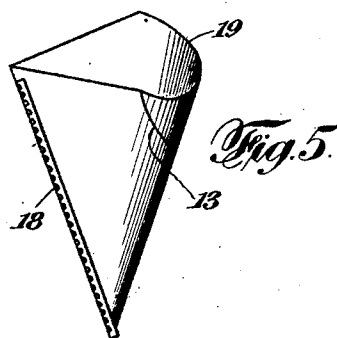
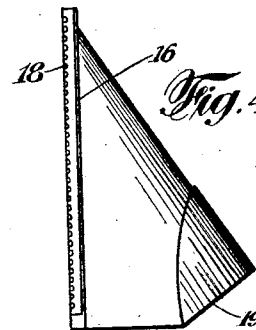
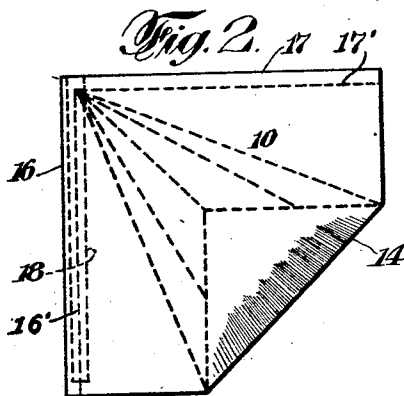
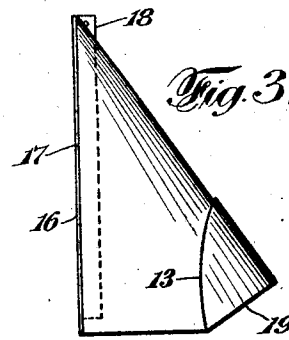
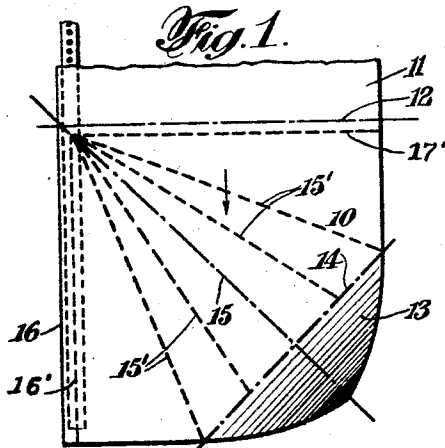
Sept. 8, 1925.

1,552,524

J. V. WECKBAUGH

BLANK FOR USE IN MANUFACTURING DRINKING CUPS

Original Filed July 15, 1920



Inventor
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By his Attorney
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UNITED STATES PATENT OFFICE.

JOSEPH V. WECKBAUGH, OF NEW YORK, N. Y., ASSIGNOR TO AMERICAN CUPTOR CORPORATION, A CORPORATION OF DELAWARE.

BLANK FOR USE IN MANUFACTURING DRINKING CUPS.

Original application filed July 15, 1920, Serial No. 396,342. Divided and this application filed September 14, 1920. Serial No. 410,203.

To all whom it may concern:

Be it known that I, JOSEPH V. WECKBAUGH, a citizen of the United States, and a resident of New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Blanks for Use in Manufacturing Drinking Cups, of which the following is a specification.

The invention relates to a blank suitable for the manufacture of a sanitary drinking cup or container designed for temporary use, and constructed of flexible material such as a suitable grade of paper, the cup being intended, generally, to be discarded after having been used. The construction admits, also, of the cup being flattened by pressure to occupy a minimum space, and to be suitable for packing and sale.

The invention has for its object a suitable blank as of paper from which a cup of this type may be folded in an extremely simple manner to afford a liquid-tight container having a large capacity for the amount of material employed. The present application is a continuation in part of my copending application Serial No. 297,762, filed May 17, 1919 and a division of my co-pending application Serial No. 396,342, filed July 15, 1920.

In the accompanying drawings, which illustrate the invention—

Figs. 1 to 4 are diagrammatic views illustrating the different stages in the manufacture of a cup.

Fig. 5 is a perspective view of a completed cup.

Similar characters of reference designate corresponding parts thruout the several views.

Referring to the drawings, 10 designates a blank composed, for example, of a suitable grade of paper of the required thickness and stiffness. This blank may be obtained in desired lengths as from a continuous strip 11, being cut therefrom along the line 12 to provide a parallelogram of substantially equal sides and generally in the form of a square. One of the corners, for example, the corner 13, of the blank is turned backwardly along a line 14 perpendicular to the diagonal 15 of the parallelogram, and the blank itself is then turned over about the said diagonal 15 as an axis or folded along

same, whereupon the full-length edges 16 and 17 are secured to each other in any suitable manner, for example by folding same inwardly. I prefer, in order to facilitate the turning and folding operations and final shaping of the cup, to crease or provide line impressions along the said diagonal 15 and line 14 perpendicular thereto as well as along the edges 16 and 17. Also additional radial line impressions 15' may be provided at either side of the diagonal. The edges may be secured to each other by means of a suitable adhesive, or may be folded over again, or preferably, are secured by means of a suitable binding strip or metal tape 18 which is bound over same, Fig. 4. This completes the cup which is thus securely sealed approximately from bottom to top along the lengthwise edges 16 and 17, in manner indicated, providing, also, a suitable mouthpiece 19. The latter is reinforced and stiffened by the backwardly turned corner 13, which serves, also, to hold the cup open as well as to round off that portion of the cup coming in contact with the mouth, thus obviating the sharp edges now found in the paper cups in general use. It may also be noted that by depressing the corner 13, a shape is given to the blank which will render the cup easy to drink out of, for by the elimination of this corner from the final contour a curved depression will be provided, from which the water will flow in a small stream instead of being distributed over a wide surface.

I claim:—

1. A blank for drinking cups substantially in the form of a square and having line impressions along two adjacent sides and a line impression at right angles to the diagonal between said sides.

2. A blank for drinking cups substantially in the form of a square and having line impressions along two adjacent sides, a line impression along the diagonal between said sides and a line impression at right angles to said diagonal.

3. A blank for drinking cups, two edges thereof being at right angles to each other and of equal length, two equal length edges respectively at right angles thereto and of lesser length than the first named edges, a connecting edge between the edges of lesser length and forming equal angles therewith;

and a triangular piece provided with impressions and extending from the connecting edge beneath the blank.

4. A blank for drinking cups having two
5 edges substantially at right angles to each other and of substantially equal length, two other edges of substantially equal length at right angles to said first named edges and of lesser length than said first named edges,
10 and a connecting edge between the edges of lesser length, adapted to provide a drinking lip when said blank is formed into a cup with said first named edges in contact.

5. A blank for drinking cups having two
15 edges substantially at right angles to each other and of substantially equal length, and

the blank having creases provided therein adjacent and substantially parallel to said edges, two other edges of substantially equal length at right angles to said first named edges and of lesser length than said first named edges, and a connecting edge between the edges of lesser length, adapted to provide a drinking lip when said blank is formed into a cup with said first named edges in contact and folded over about the said parallel creases.

Signed at New York in the county of New York and State of New York this 10th day of September, A. D. 1920.

JOSEPH V. WECKBAUGH.