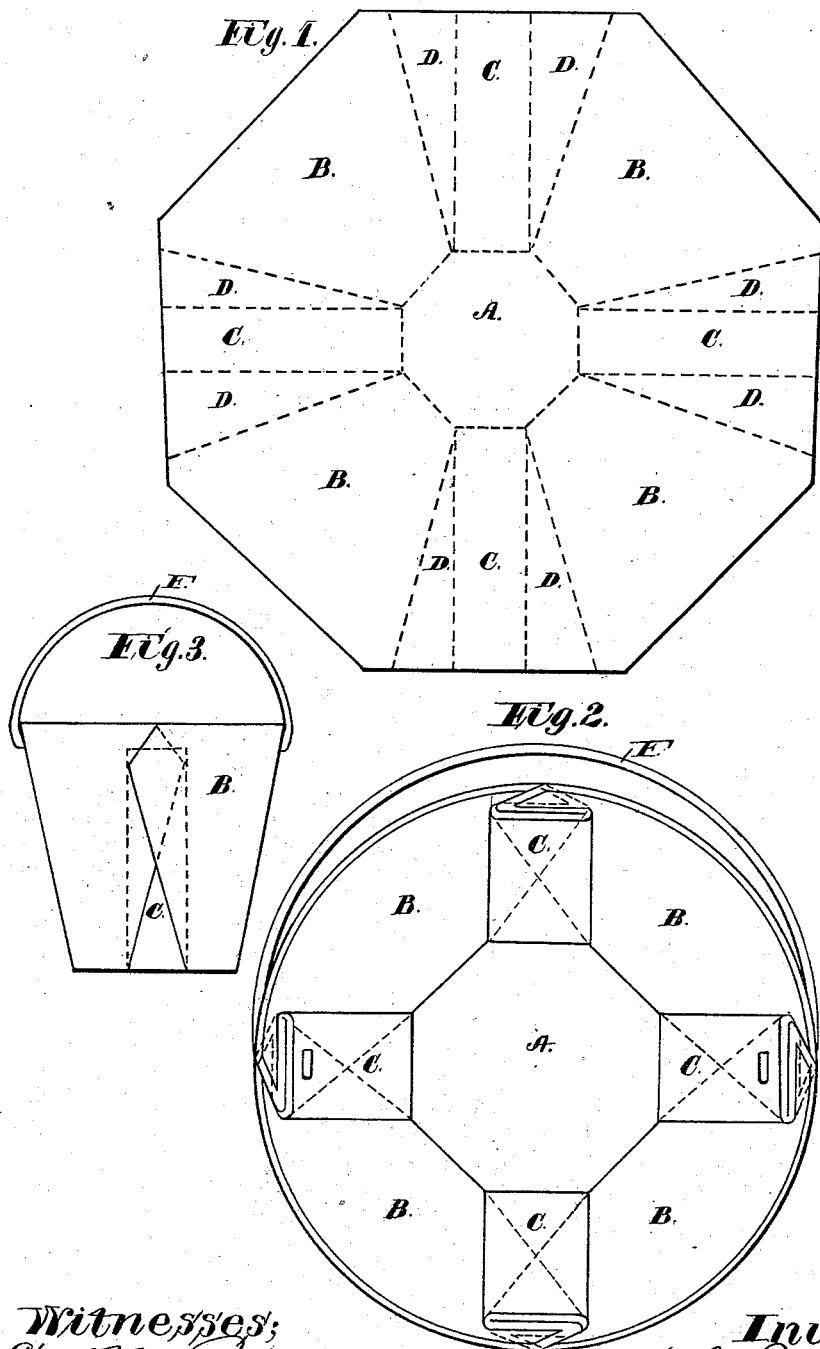


H. L. R. WOLF.
Paper-Vessel.

No. 215,309.

Patented May 13, 1879.



Witnesses;
Chas. M. Peck
P. H. Luncel

Inventor;
H. L. Rudolph Wolf
by Peck & Ritchie
his Attys;

UNITED STATES PATENT OFFICE.

HENRY L. R. WOLF, OF DAYTON, OHIO.

IMPROVEMENT IN PAPER VESSELS.

Specification forming part of Letters Patent No. **215,309**, dated May 13, 1879; application filed July 1, 1878.

To all whom it may concern:

Be it known that I, HENRY L. RUDOLPH WOLF, of Dayton, in the county of Montgomery and State of Ohio, have invented certain new and useful Improvements in Paper Vessels; and I do hereby declare the following to be a full, clear, and exact description of the same.

This invention relates to an improvement in paper or straw-board vessels or buckets, such as are used by grocers and others for retailing berries, oysters, ice-cream, and the like.

The novelty consists in so folding the uncut blank from which the vessel is formed that four or more plaits or folds are obtained upon the interior of the vessel, of several thicknesses of the material, which serve as ribs to stiffen and strengthen the vessel without interfering with its symmetry, as will be herein set forth.

In the accompanying drawings, Figure 1 is the blank from which the vessel is formed. Fig. 2 is a plan view, showing the inside of the vessel when formed. Fig. 3 is a side elevation of the vessel.

I take an octagonal piece of stout Manila paper or straw-board, as seen in Fig. 1, and with proper machinery crease it as indicated by the dotted lines. These creases subdivide the blank into an octagonal center or bottom, A, four sides, B, four rectangular plaits, C, and eight triangular folds, D, located as shown. To form the bucket the sides are brought up so as to overlap the folds D upon the plaits C, as seen in Figs. 2 and 3.

The overlapped portions are secured with rivets or glue, or in any suitable manner, and a wire bail, F, is secured through the upper ends of two of the plaits which are opposite each other, and has its ends bent to form retaining-loops, as is usual in vessels of this character.

By this construction the plaits C are located upon the interior of the vessel, and, with the folds D, form strengthening-ribs, which impart stiffness to the vessel, and thus enable me to make it of comparatively light material, while it will yet have the strength of vessels of different construction made of heavier material. It will be noticed that these plaits do not interfere with the symmetry of the vessel or destroy the regularity of its interior.

I am aware that it is not new to construct a paper vessel from an uncut blank folded up and provided with a wire bail; but

What I claim is—

A paper or straw-board vessel formed from an uncut blank and provided with rectangular plaits or folds C, whereby strengthening-ribs are formed, as and for the purposes specified.

Witness my hand this 21st day of June, A. D. 1878.

H. L. RUDOLPH WOLF.

Witnesses:

CHAS. M. PECK,
P. H. GUNCKEL.