(Model.)

T. H. HUEWE.

PAPER VESSEL.

No. 262,951. Patented Aug. 22, 1882.

Fig. 1

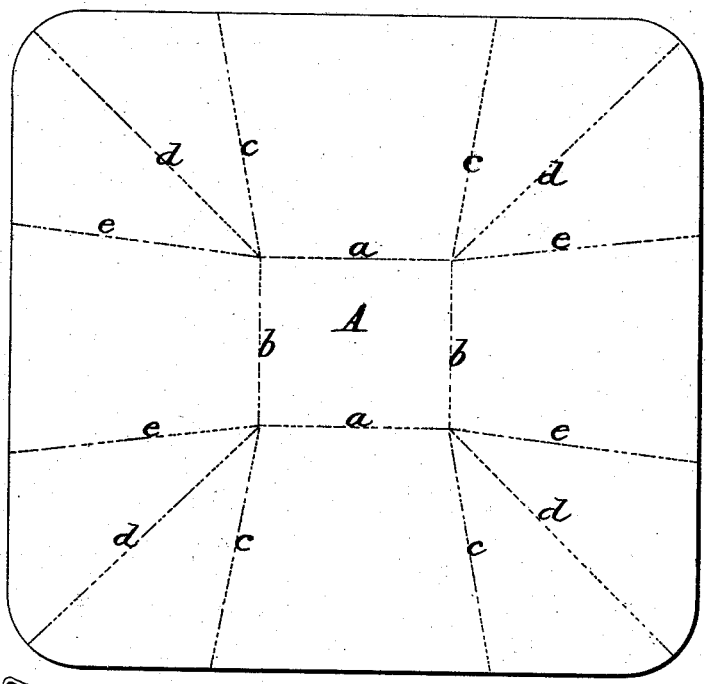


Fig. 2.

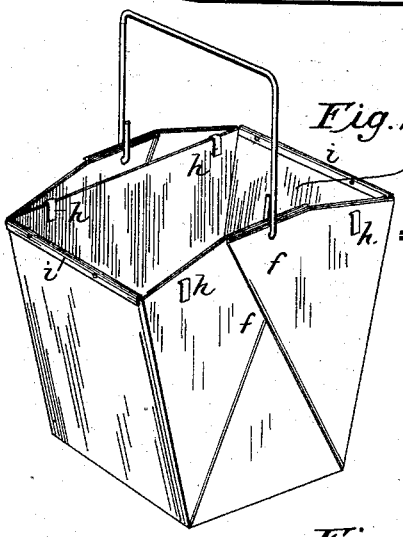


Fig. 4.

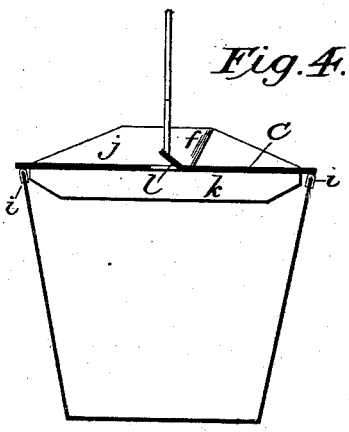
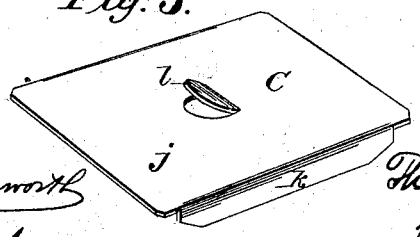


Fig. 3.



Attest.

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THEODOR H. HUEWE, OF DAYTON, OHIO, ASSIGNOR OF ONE-HALF TO JOHN B. BOLLMAN, OF SAME PLACE.

PAPER VESSEL.

SPECIFICATION forming part of Letters Patent No. 262,951, dated August 22, 1882.

Application filed March 10, 1882. (Model.)

To all whom it may concern:

Be it known that I, THEODOR H. HUEWE, of Dayton, in the county of Montgomery and State of Ohio, have invented certain Improvements in Paper Vessels, of which the following is a specification.

My invention relates to paper vessels; and it consists in details hereinafter explained.

In the accompanying drawings, Figure 1 represents the blank from which the box or vessel is formed; Fig. 2, a perspective view of the vessel made up; Fig. 3, a view of the top or cover, and Fig. 4 a vertical section taken through the bucket at right angles to the bail.

The object of my invention is to produce a tight vessel without the use of paste or cement, and which shall not be liable to collapse when carried by the bail with which it is furnished. To this end I construct the vessel and its top or cover as represented in the drawings, in which—

A represents the paper blank from which the vessel is formed, said blank being of substantially rectangular form, with the corners slightly clipped or rounded, as shown. This blank is bent or folded on the lines *a*, *b*, *c*, and *e* to form the bottom, sides, and ends, the portions of the blank between lines *c* and *e* being folded on the lines *d* to form the flaps *f*, which are laid closely against the outer faces of the sides of the vessel and overlapped at their upper ends, as shown. By being thus folded the blank is made into a vessel of rectangular shape at the top, and a smooth interior is afforded from which ice-cream, butter, or like matters may be readily and perfectly removed. By lapping the folds *f* one over the other at each side I secure at the top four thicknesses of material, as shown at *g*, which afford a strong body for the attachment of the bail B, which I preferably make of wire and of rectangular form, so that the weight of the vessel and its contents shall not tend to draw the sides together when the vessel is carried by the bail. The ends of the bail are passed through the four thicknesses of material at each side and bent up, as shown, thus serving in a great measure to retain the vessel in shape.

In order to prevent the side walls of the vessel from falling inward away from the flaps or folds *f*, metal clips *h* are passed through the flaps and flattened down over the edge of the inner wall and against the outer face of the flaps, as shown.

To give the vessel additional stiffness from side to side, to protect the edges of the ends, which present an exposed single thickness of material, and to afford an edge over which a knife or spoon may be drawn to remove butter, ice-cream, or like matters adhering to such implements, I bind the upper edges of said ends with sheet-metal strips *i*, folding or bending the metal upon the same, as indicated, and compressing or indenting the same to secure it in place.

Hitherto considerable difficulty has been encountered in attempting to provide a removable cover for vessels of this class which could be readily applied and removed, and which should not be liable to bend out of shape or to fall into the vessel. I accomplish this object, and also add to the stiffness of the vessel, by constructing the cover of the form shown in Fig. 3, in which it will be seen to consist of a rectangular top, *j*, slightly longer than the vessel, as indicated in Fig. 4, stamped or cut from straw-board and formed with downwardly-turned side pieces, *k*, which are cut away slightly at the ends to enter and fit the interior of the vessel. The side wings prevent the cover from shifting endwise, and also prevent the cover or top from curling or warping in the direction of its length. When placed in position it materially stiffens the vessel in all directions and effectually prevents the collapse thereof.

A flap, *l*, may be formed in the cover, as usual, by which to handle the same conveniently.

I am aware that a blank has been folded in the manner above described and provided with a flexible bail secured in place by eyelets; but I am not aware that a wire bail has ever been passed through the several folds when the same were laid outside of the body, as in this case, by which arrangement the folds are made to assist in supporting the sides of the vessel and the bail caused to sustain the sides against collapsing.

I am also aware that a cover has been formed

in one piece with the blank, and similar in shape to the cover used by me; but, being integral with the blank, it was necessarily of equal light and flexible material, and consequently could not serve the purpose of stiffening and supporting the vessel against collapse, for which purpose it must be made of heavier material, and consequently separate from the blank. When attached to the blank it would also be inconvenient to apply or remove.

Having thus described my invention, what I claim is—

In combination with the vessel, constructed substantially as shown and described, the detachable straw-board cover C, having the depending side wings, *k*, as and for the purpose set forth.

THEODOR H. HUEWE.

Witnesses:
WILLIAM W. DODGE,
WALTER S. DODGE.