(No Model.)

W. E. MONTGOMERY.

PAPER PAIL.

No. 440,643. Patented Nov. 18, 1890.

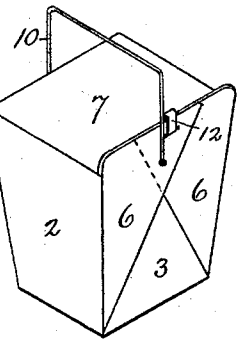


Fig. 1.

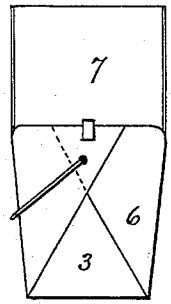


Fig. 2.

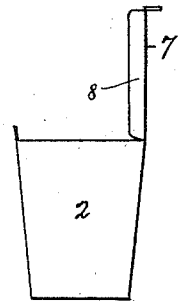


Fig. 3.

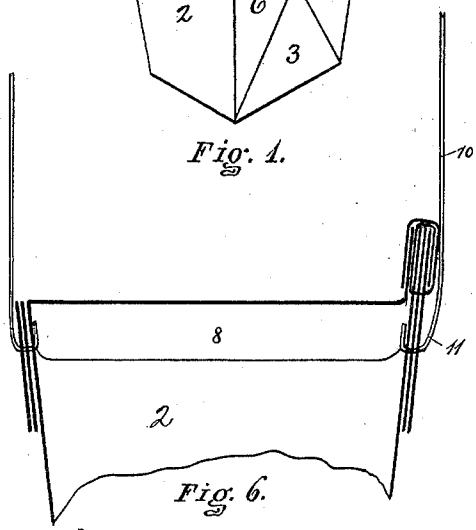


Fig. 6.

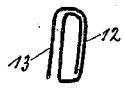


Fig. 7.

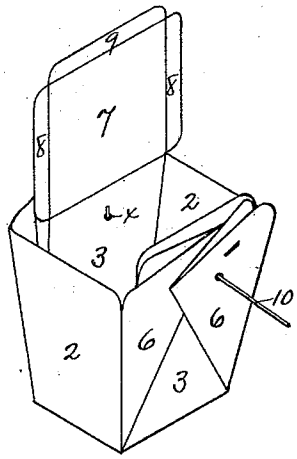


Fig. 4.

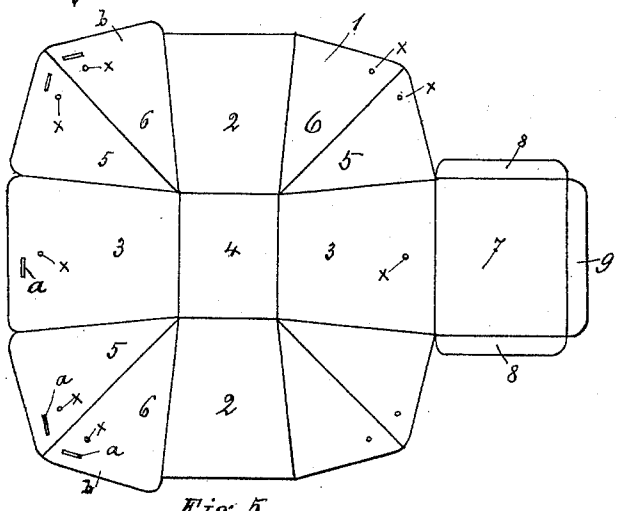


Fig. 5.

WITNESSES.

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PAPER PAIL.

SPECIFICATION forming part of Letters Patent No. 440,643, dated November 18, 1890.

Application filed July 28, 1890. Serial No. 360,143. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM E. MONTGOMERY, of the city of Utica, in the county of Oneida and State of New York, have invented certain new and useful Improvements in Paper Pails; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form part of this specification.

My invention relates to an improvement in paper pails.

In the drawings which accompany and form a part of this specification, and in which similar letters and figures of reference refer to like parts in the several figures, Figure 1 shows a perspective view of my pail closed. Fig. 2 shows an end view open. Fig. 3 shows a side view open. Fig. 4 shows a perspective view of the pail nearly folded into shape. Fig. 5 shows the blank from which the pail is constructed. Fig. 6 is an enlarged sectional view showing the construction and fastenings, and Fig. 7 shows the fastener used in constructing the pail.

Referring more specifically to the reference-numerals marked on the drawings, 1 indicates the blank from which the pail is constructed, which is divided by suitable folding-lines into side pieces 2 2, end pieces 3 3, bottom 4, corner-pieces 5 and 6, and cover 7, having flanges 8 8 and 9. The corner-pieces 5 and 6 and end piece 3 on the opposite half of the pail from that to which the cover is secured are provided with slotted openings *a a*, &c., for the reception of the fastener hereinafter described, and the said corner-pieces and end are longer in proportion than the similar pieces on the opposite half of the pail, as will be indicated, between the points *b b* on the periphery of the pail.

10 indicates the wire bail, which spans the top of the pail and is secured therein by bent or hooked ends 11, passing through the perforations indicated by *x x*, &c., in Fig. 5. The blank is folded together, as indicated in Fig. 4, the corner-pieces 5 and 6 folding together and on the outside of the end pieces 3 3, and are secured together by the hooks 11 of the bail passing through the perforations *x x* in the end and corner pieces, as before stated. The pail is further secured in shape by the fastening 12, (shown in Fig. 7,) which is a thin strip of metal passing through the perforations indicated by *a a* and bent substantially in the form indicated in Fig. 7. The cover 7 connects with the end piece 3, and the flanges 8 8 turn downward or inward, as indicated in Figs. 3 and 6, and the flange 9 turns upward, as indicated in the same figures. When the pail is closed, the cover is secured in closed position by turning the end 13 of the fastener 12 over the flange 9 of the pail-cover.

It will be observed of my construction of pail that when folded in shape the corner-pieces and end 3 of the half opposite to that to which the cover is connected form an upwardly-projecting edge, which coincides in form with the upwardly-turned flange of the pail-cover when in closed position, and that the flanges on the cover strengthen the pail, so that it will not readily collapse when its weight and the contents are supported by the bail.

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

1. The herein-described paper pail, all formed of one sheet and having sides, ends, corner-pieces, bottom, and cover, the cover being formed integral with one of the end pieces and having inwardly and outwardly turning flanges, the end piece and the corner-pieces of the half opposite to that to which the cover connects projecting to a greater distance from the bottom than the others, the bail spanning the top of the pail and passing at each side through perforations in the corner-pieces and end pieces, and a fastener passing through the compiled edges of the longer corner-pieces and end and adapted to secure the pail in shape and having a projecting end adapted to engage and secure the cover in closed position, substantially as set forth.

2. The herein-described paper pail having the sides 2 2, ends 3 3, bottom 4, corner-pieces

5 and 6, and cover 7, all formed of one uncut blank sheet, separated from each other by folding-lines, the cover 7 being connected to one of the end pieces 3 and the opposite end piece and its adjacent corner-pieces 5 and 6 projecting farther from the center of the blank than those of the half to which the cover is attached, the cover having inwardly-turning flanges 8 and outwardly-turning flange 9, the bail passing through perforations in the compiled edges of the corner-pieces and end pieces, and the fastening device passing through perforations in the compiled edges of the longer corner-pieces and end pieces and around the edges of the same and having a projecting portion adapted to engage and secure the cover in closed position by engaging the flange 9, substantially as set forth.

In witness whereof I have affixed my signature in presence of two witnesses.

WILLIAM E. MONTGOMERY.

Witnesses:
JOSEPH KNOLT,
M. E. ROBINSON.