C. AMAZEEN.

Paper Bag.

No. 160,991. Patented March 23, 1875.

FIG. 1.

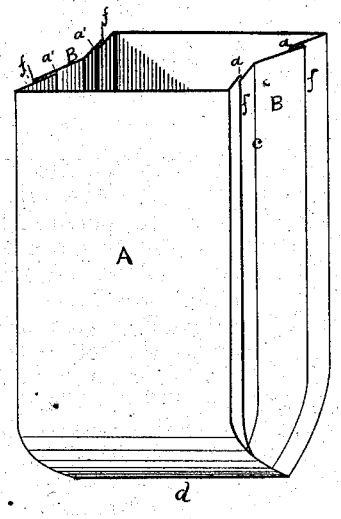


FIG. 2.

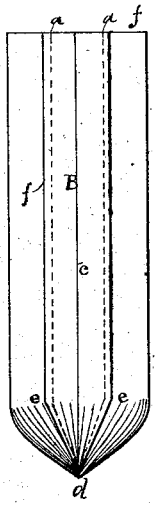
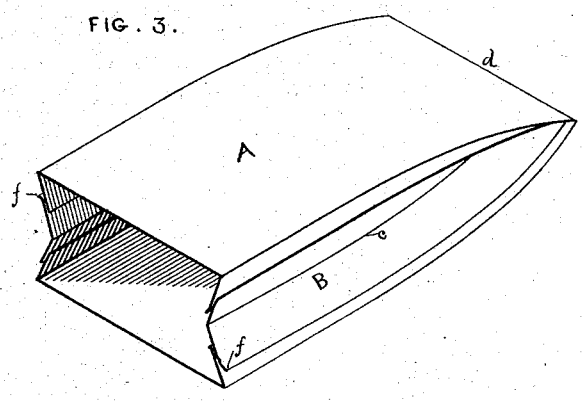


FIG. 3.



WITNESSES:

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UNITED STATES PATENT OFFICE.

CHRISTOPHER AMAZEEN, OF BOSTON, MASSACHUSETTS.

IMPROVEMENT IN PAPER BAGS.

Specification forming part of Letters Patent No. **160,991**, dated March 23, 1875; application filed July 31, 1874.

To all whom it may concern:

Be it known that I, CHRISTOPHER AMAZEEN, of Boston, Massachusetts, have invented an Improvement in Paper Bags, of which the following is a specification:

This invention relates to an improved method of forming paper bags, the improvement having particular reference to the manner of folding the edges of the paper to bring the parts in proper position for the union of the edges by uniting the same by a strip of paper.

In forming my bag by hand I take a long strip of paper of double the length of the bag to be formed, and fold the side edges of the paper upward and inward sufficiently to furnish pasting-surface for attaching the end strip, and then fold at the center of its length, to bring the edges in position to be united by the end strips, which I cut a little more than one-half the length of the side strip before folding at the center, and which has been previously folded longitudinally, forming equal leaves. These end strips I place over the edges of the side strips, one on each side, with the center fold toward the interior of the bag and extending a trifle beyond the center fold of the side strip. I then cement the under leaves to the edges of the side strip, fold the strip at the center of its length, and, with the extending end strips, cement to the upper leaves of the edge-strips. This forms a tube closed or unseamed at the bottom and four seams on the ends, one near each corner, and form, when distended, a bag rectangular in cross-section.

I will now proceed to explain my invention by aid of the drawings.

Like letters indicate like parts in all the drawings.

Figure 1 is a perspective view of the bag when distended, showing the side strip A, with folded edges *a* and *a'* and center fold *b*, end strips B folded at *c* longitudinally, and with the side strip at *d*. Fig. 2 is a perspective of the bag, showing the method of uniting the edges *a* and *a'* by strips B. The edges *a* and *a'* have been turned in, the side strips and end strips folded at *d* and cemented to the upper edges or leaves *f* of the folded end strips B. Fig. 3 is a perspective of the end, showing the end seams *e* and end strip B.

In making the bag by machinery the side strip A is taken from the roll, pasted on the under side on the edges *a* and *a'* to be folded, then the edges *a* and *a'* are folded longitudinally upward and inward to the required depth. Two end strips, B, one on either side of the side strip, are folded longitudinally at *c*, forming two leaves, *f*, of equal width, and are conducted over the side edges *a* and *a'* to a point a trifle beyond the center *d* of the length, which forms the bag. The side strip is then folded at what is the bottom fold *d* of the bag, together with the extending edge-strips B, which receive the paste at this point on that part of the upper leaf *f'* that projects to unite it to the upper leaf *f*, as shown, when folded, and the edges *a* and *a'* of the side strip A and the leaves *f* and *f'* of the end strips B are securely united, and the bag is then cut from the strips.

I am aware that a patent has been granted to one Crowell for a paper bag, and that the same is constructed by folding and reverse-folding the edges of the sheet and transverse-folding at the center of its length, and uniting the abutting edges by cement; but that is not my invention.

I claim and desire to secure by Letters Patent of the United States—

The improvement in making paper bags consisting in constructing a bag rectangular in cross-section when distended, with two longitudinal seams on each end, at or near the corners, from three pieces of paper, substantially as described.

CHRISTOPHER AMAZEEN.

Witnesses:

JOHN P. LEACH,

F. F. RAYMOND.