

(No Model.)

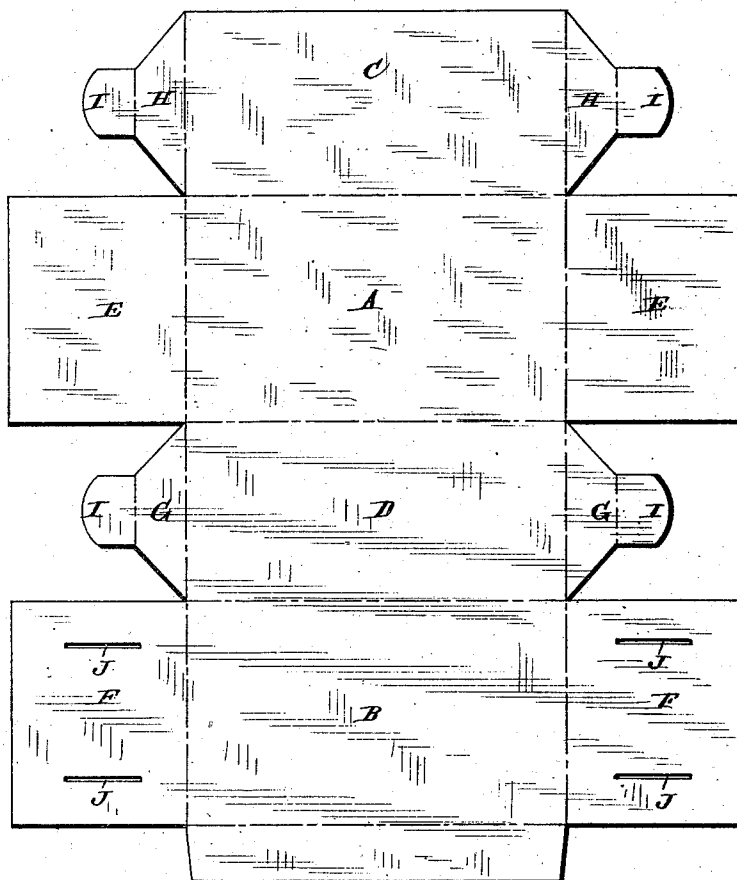
2 Sheets—Sheet 1.

B. OSBORN.
Paper Box.

No. 241,409.

Patented May 10, 1881.

Fig. 1.



Witnesses.

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(No Model.)

2 Sheets—Sheet 2.

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Fig. 2.

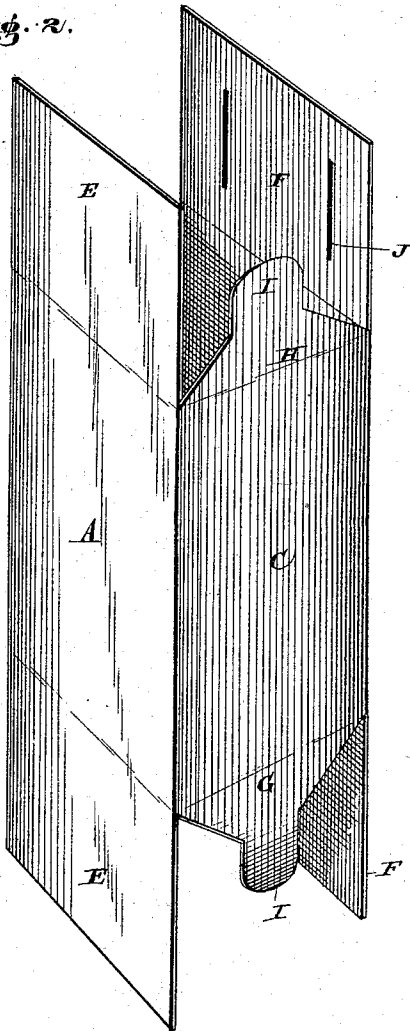
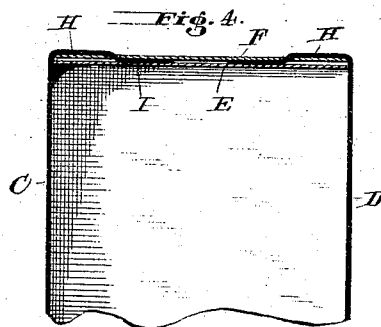
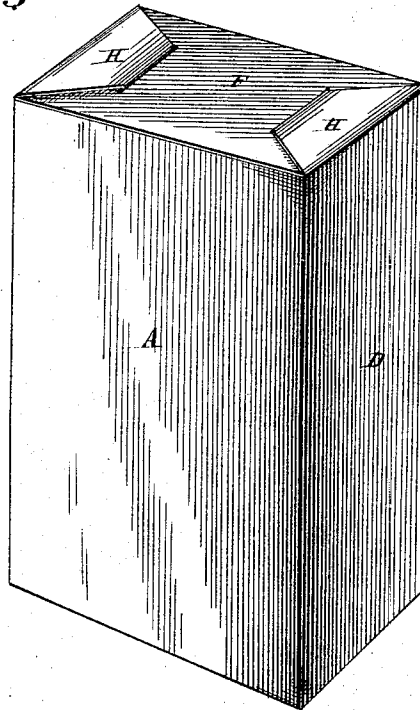


Fig. 3.



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UNITED STATES PATENT OFFICE.

BENNET OSBORN, OF NEWARK, NEW JERSEY.

PAPER BOX.

SPECIFICATION forming part of Letters Patent No. 241,409, dated May 10, 1881.

Application filed April 6, 1881. (No model.)

To all whom it may concern:

Be it known that I, BENNET OSBORN, a citizen of the United States, residing at Newark, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Paper Boxes; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as 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 letters or figures of reference marked thereon, which form a part of this specification.

The invention relates to that class of boxes which are composed of a blank of paper cut, creased, and folded into a rectangular tube, and closed at its ends by means of overlapping flaps and locking tongues, boxes of this description forming the subject matter of patents No. 100,658 and 134,394, issued to myself on the 8th day of March, 1870, and on the 31st day of December, 1872.

The object of the present invention is to furnish a neat and symmetrical box, which is provided with simple and efficient means for closing the ends thereof, special regard being had to economizing paper, or cutting out the blank in such a way that a less quantity of paper is required in making up a box and its closing devices than in either of the patents heretofore granted to me. I attain these results by cutting out the box-blank in the manner hereinafter set forth, so as to form a box having two overlapping flaps at each end, and also two locking-tongues or short flaps or tabs adapted to fit into slits made in one of said overlapping flaps.

In the drawings, Figure 1 is a face view of a box-blank, cut out according to the present invention. Fig. 2 is a perspective view of a completed box, having its ends left open. Fig. 3 is a similar view, showing the box closed; and Fig. 4 is a sectional view of a box.

The body of the box is of a rectangular shape, and is formed of a blank of paper or pasteboard which is cut in the manner indicated in the drawings, and creased and folded so as to constitute the four rectangular main or body sections, A B C D. The ends of the box are left open, and are closed by means of underlapping and overlapping flaps, E F, which when folded or turned down, extend from the widest sides, A B, of the box entirely across the open ends thereof. These main end flaps are secured by means of short flaps G H, hav-

tabs or tongues I. The short flaps G H extend from the narrowest sides of the box, and their tongues I fit or enter slits J cut in the overlapping flaps F, as is clearly shown in the drawings. 60

It will be obvious that by locating a locking flap or tongue at opposite sides of the box, said locking-flaps can be made comparatively short, and as their ends are tucked into slits cut in the overlapping end flaps, effectual provision is made for securely closing the ends of the box without detracting from the neatness or symmetrical appearance thereof. 65

In all open-ended paper boxes heretofore proposed, it has been customary to provide end-closing flaps which are secured by means of tongues adapted to lock into each other, or else the retaining or securing flap has been made to extend entirely across the end of the box, so as to enter a slit adjoining the side wall of the box. In the present instance the special aim is to provide double-locking tongues at each end of the box, which extend from the narrower sides of the latter, and have their ends tucked or fitted under the overlapping or outer end flaps by passing locking-tongues through slits made in said overlapping flaps, as is fully shown in Figs. 3 and 4 of the drawings. 70

It will be manifest, without further description, that the provision of double-end locking flaps or tongues, arranged as herein shown, will permit the box-blank to be cut with very little waste of paper, and the box, when made up, is provided with simple and convenient devices for closing the ends thereof, and the ends present a symmetrical appearance. 75

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is— 80

The paper box herein described, consisting of the open-end rectangular body, the end-closing flaps extending from the widest sides of said body and underlapping and overlapping each other, and the short flaps or locking-tongues extending from the narrowest sides of the box and adapted to be tucked into slits made in the outer or overlapping closing-flaps, as and for the purpose set forth. 85

In testimony whereof I affix my signature in presence of two witnesses. 90

BENNET OSBORN.

Witnesses:

BENNET OSBORN, JR.,
D. H. WHEAT.