

(No Model.)

R. S. MERRILL.

FOLDING BOX.

No. 325,757.

Patented Sept. 8, 1885.

Fig. 1.

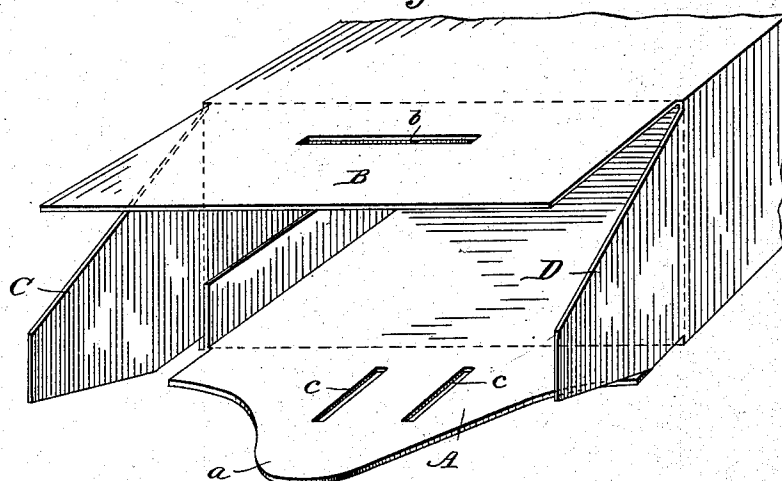
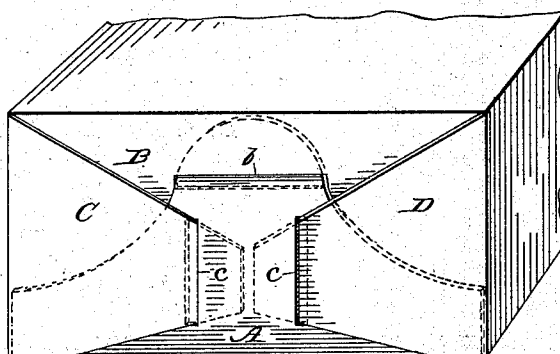


Fig. 2.



witnesses:

H. N. Low
(Walter Blandford)

Inventor:

Rufus S. Merrill
by Maxwell Bailey
his attorney

UNITED STATES PATENT OFFICE.

RUFUS S. MERRILL, OF BOSTON, MASSACHUSETTS, ASSIGNOR TO THE ACME PAPER BOX COMPANY, OF SAME PLACE.

FOLDING BOX.

SPECIFICATION forming part of Letters Patent No. 325,757, dated September 8, 1885.

Application filed February 6, 1885. (No model.)

To all whom it may concern:

Be it known that I, RUFUS S. MERRILL, of Boston, in the State of Massachusetts, have invented a certain new and useful Improvement in Folding Boxes, of which the following is a specification.

My invention relates to folding paper boxes in which the closing of the end or ends is effected by folding flaps; and its object is to provide means whereby these flaps can conveniently and securely be interlocked or fastened together. To this end two of the flaps, which may be termed the "main flaps," are united by a tongue-and-slot connection, and the other two flaps, which may be termed the "side flaps," are interlocked with that one of the main flaps which carries the tongue by having their ends tucked into slots formed in the tongue-flap back of the tongue. In this way the flaps are all bound together and are securely held in place so as to form a strong end piece for the box.

In the accompanying drawings, Figure 1 represents a portion of a box containing my improvement, the end flaps being open or unfolded. Fig. 2 is a view of the same with the flaps folded.

The flaps are lettered A B C D. A and B are what I have termed the "main flaps," and C and D are the side flaps. Flap A is provided with a tongue, *a*, and flap B has a slot, *b*, to receive said tongue. In this flap A back

of the tongue are formed two slots, *c*, which stand at an angle to the hinge-line of the flap, and are intended each to receive the end of one of the side flaps.

The manner of closing the end of the box is as follows: The flap B is first folded inwardly, then the flap A is folded down upon B, and its tongue, *a*, is tucked into the slot *b* in the latter flap, and next the side flaps are folded down upon flap A, the inner end of each side flap being tucked into the appropriate slot *c*, formed for it in the tongue-flap A. The flaps thus interlocked provide the box with a strong end. They are held securely in place and still can be readily disengaged from one another whenever it is desired to open the box.

Having described my improvement, what I claim, and desire to secure by Letters Patent, is—

A folding box provided with two main flaps united by a tongue-and-slot connection, and with two side flaps adapted to be tucked into slots formed for their reception in the main tongue-flap, substantially as and for the purposes hereinbefore set forth.

In testimony whereof I have hereunto set my hand this 26th day of January, 1885.

RUFUS S. MERRILL.

Witnesses:

M. BAILEY,

J. WALTER BLANDFORD.