(Model.)

L. LYBRAND.

PAPER BOX.

No. 310,599. Patented Jan. 13, 1885.

FIG. 1

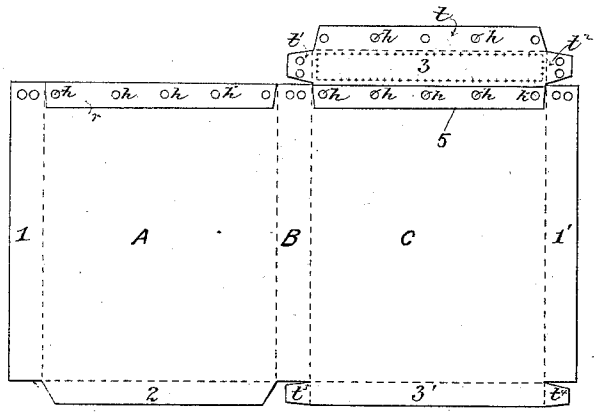


FIG. 2

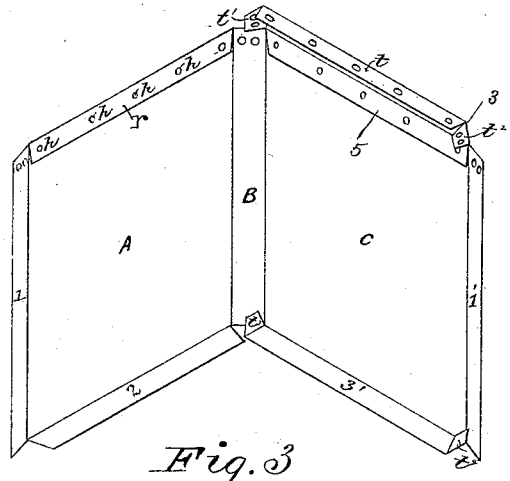
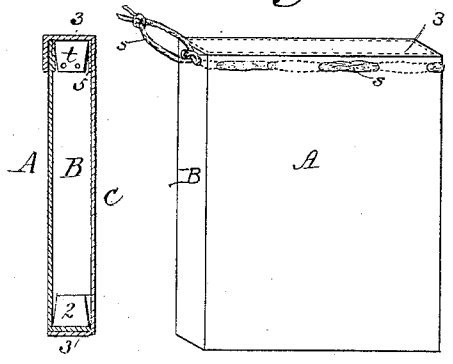


Fig. 3

Fig. 4



WITNESSES.

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PAPER BOX.

SPECIFICATION forming part of Letters Patent No. 310,599, dated January 13, 1885.

Application filed January 7, 1884. (Model.)

To all whom it may concern:

Be it known that I, LUCIUS LYBRAND, a resident of Noblesville, Hamilton county, Indiana, have made certain new and useful Improvements in Paper Boxes, a description of which is set forth in the following specification, reference being made to the accompanying drawings, in the several figures of which like letters indicate like parts.

My invention relates to the construction of paper boxes, and will be readily understood from the following description.

In the drawings, Figure 1 is a view of the blank cut ready for folding, with re-enforcing strips *r* pasted across the upper ends of parts A and C on the latter, just below flap 3. Fig. 2 is a view of the same blank with flaps 1 1′ 2 3 3′ folded ready for closing the box together. Fig. 3 is a view of the box closed, with a string, S, passed through the holes *h*, and tied to form a loop at the back by which to hang up the box. Fig. 4 is a vertical cross-section of the box closed, as in Fig. 3.

The side C has two end flaps formed integral with it, an upper flap, 3, and a lower flap, 3′. The upper flap, 3, has a side tag, *t*, and end tags, t' t^2, all of which have holes *h*, as shown, for passing string S through. The lower flap, 3′, has end tags, t^3 t^4. The side A has a side flap, 1, and a bottom flap, 2, and back B unites sides A and C, which latter also has a side flap, 1′. Re-enforcing strips *r* *r* are pasted upon sides A and C at their upper ends, inside, as shown, and holes *h* are made through strips *r* and the sides to which they are fastened, to admit the string S.

The blank being cut, perforated, and re-enforcing strips pasted on, the box is thus made: The flaps and tags are bent as indicated in Fig. 2. The back of tag t^3 is gummed and fastened flat to the inside of back B, at the lower end. Sides A and C are closed together, flap 2 coming inside of and resting upon flap 3′, which forms the bottom of the box, and paste is applied to secure flap 2 to flap 3′ in this position. Tag t^4 is pasted to inside of flap 1 at its lower end, and flap 1 folds under flap 1′, and these two are also secured by paste. At the top tag t^2 folds inward and is pasted to the inside of the upper end of flap 1, and tag t' to the inside of back B. Tag *t* is then folded down on the outside of the upper end of side A, completing the box-form, and the string S is then passed through the holes *h*, which are formed all around the top, through sides, ends, and tags t' t^2 and side tag, *t*, these holes, by the folding, being brought opposite each other in adjacent parts, and near enough to all the corners to hold the parts firmly together at the lapping places, and yet are so arranged that there will be no difficulty in getting the contents of the box in and out without obstruction from the cord or the edges or corners of the flaps or tags.

The box when closed is represented in Fig. 3, and to open it the top of flap 3 is cut through with a sharp knife along the dotted lines. The top parts may be closed and fastened by eyelets, and a short wire or cord loop be used to hang it up by; but this would be a mere mechanical equivalent or substitue for string S.

What I claim, and desire to secure by Letters Patent, is the following:

1. The paper-box blank herein shown, having side A, provided with flaps 1 and 2, back B, side C, having flap 3, with tags t t' t^2 connected and integral therewith, flap 1′ on the side of C, flap 3′ at the bottom, provided with end tags, t^3 t^4, and re-enforcing strips *r*, all combined substantially as described.

2. The paper box herein described, constructed from a blank having side A, provided with flaps 1 and 2, back B, side C, having flap 3, with tags t t' t^2 connected and integral therewith, flap 1′ on the side of C, flap 3′ at the bottom, provided with end tags, t^3 t^4, re-enforcing strips *r*, perforations *h*, and cord S, all combined substantially as described.

LUCIUS LYBRAND.

Witnesses:

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