

(No Model.)

2 Sheets—Sheet 1.

C. W. ELLIOTT.
FOLDING PAPER BOX.

No. 307,034.

Patented Oct. 21, 1884.

Fig. 1.

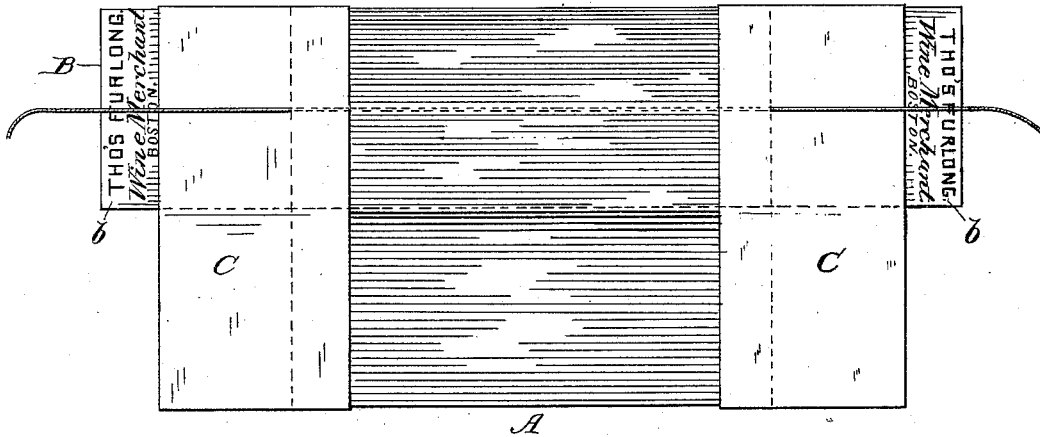


Fig. 2.

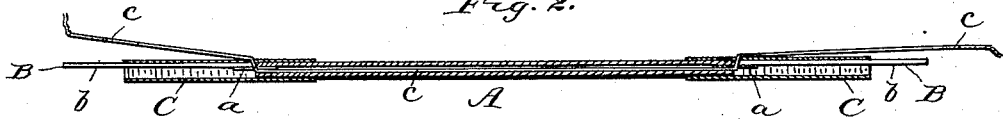
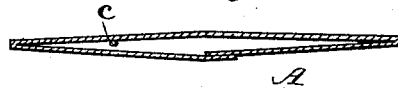


Fig. 3.



witnesses:

Willard
Walter Blandford

Inventor:

Chas. W. Elliott
by Marcellus Bailey
Att'y

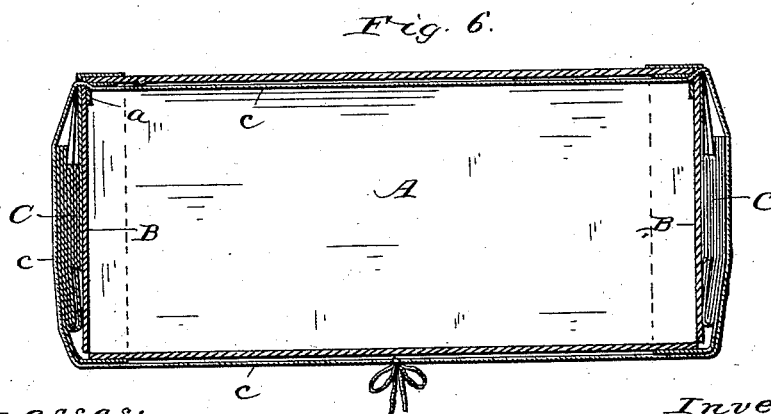
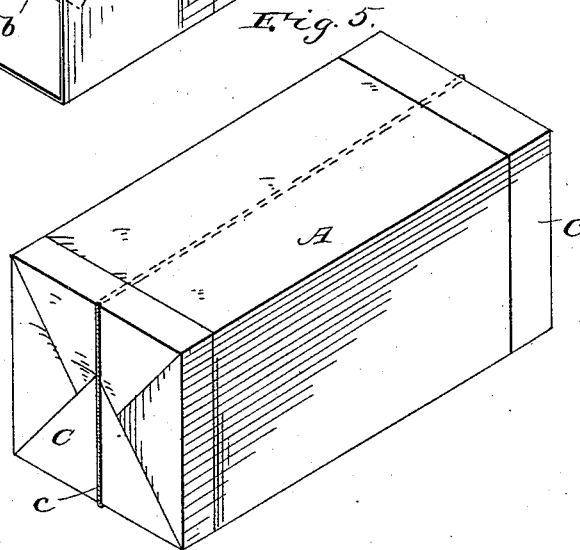
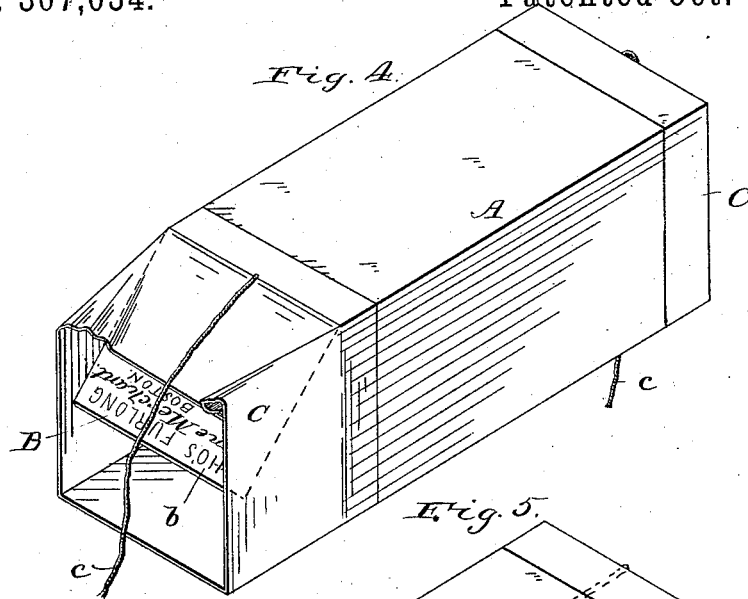
(No Model.)

2 Sheets—Sheet 2.

C. W. ELLIOTT.
FOLDING PAPER BOX.

No. 307,034.

Patented Oct. 21, 1884.



Witnesses:
E. W. Blandford
Walter Blandford

Inventor:
Charles W. Elliott
by *Marcelline Bailey*
Atty

UNITED STATES PATENT OFFICE.

CHARLES W. ELLIOTT, OF MONCTON, NEW BRUNSWICK, CANADA, ASSIGNOR
OF ONE-HALF TO RUFUS S. MERRILL, OF BOSTON, MASSACHUSETTS.

FOLDING PAPER BOX.

SPECIFICATION forming part of Letters Patent No. 307,034, dated October 21, 1884.

Application filed August 20, 1884. (No model.)

To all whom it may concern:

Be it known that I, CHARLES W. ELLIOTT, of Moncton, Westmoreland county, Province of New Brunswick, Canada, have invented certain new and useful Improvements in Folding Paper Boxes, of which the following is a specification.

My invention relates to paper boxes which, when not in use, are adapted to fold up so as to lie flat. In boxes of this kind the four sides are formed, usually, of a single strip of pasteboard or card-board bent into the proper shape, and partially slit or cut through at the angles, with its ends brought together and fastened; and the end flaps sometimes are made in one piece with the rest of the box, or oftener are made separately therefrom, and are subsequently united therewith by glued strips of fabric, which form the hinges on which the flaps turn.

To provide the box with convenient means by which it may be tied up and closed, I make use of a continuous string or cord, the central portion of which extends along the inside of the box, and the ends of which pass out through the body of the box, and are of proper length to permit them to be passed around the exterior of the box as often as desired. By thus threading the string through the box it is held securely in place, whether the box be folded or unfolded, without requiring special devices for securing it; and, being a continuous string, it is stronger and less liable to give way than would be the case were it divided and each of its parts separately attached by a fastener to the box.

With a view to strengthen the body of the box, as well as to provide means by which the ends of the same can be more completely closed, I furnish the box at each end with paper envelopes attached to the four sides of the box, so as to re-enforce and strengthen the box at the points where the latter is most liable to give way, and having projecting ends which, when the hinged flaps of the box are closed, can be folded over upon the same, so as to cover said flaps. In this way I may, and in practice do, use the end flaps as a means of advertising the name of the firm or house using the box, the name being printed on the end flap, so as to be

hidden when the box is closed up, but exposed to view as soon as the box is open.

The accompanying drawings represent a folding paper box made in accordance with my invention.

Figure 1 is a plan, Fig. 2 is a longitudinal central section, and Fig. 3 is a cross-section, of the box folded so as to lie flat. Fig. 4 is a perspective view of the box unfolded, with the end flap partly raised. Fig. 5 is a like view of the unfolded box closed and tied up. Fig. 6 is a longitudinal central section of the closed box in Fig. 5.

A is the body of the box, comprising the four sides, made, as hereinbefore stated, of a single strip of pasteboard, having its ends united together and partially slit or cut through along the lines of junction of the sides. B are the end flaps, hinged to the body of the box by strips *a* of the fabric glued to the flaps and body of the box.

Surrounding the body of the box for a portion of its length at each end are envelopes C, of paper, which serve to re-enforce and strengthen the box, and project far enough beyond the ends of the box to form, when tucked and folded down, covers for said ends. The envelopes are attached at every point to the four sides of the box by paste or glue, and those portions which are contiguous to the outer faces of the flaps B are preferably pasted or glued thereto.

By using end envelopes instead of a continuous wrapper, I effect a saving in material, while at the same time I surround the ends of the box with re-enforcing bands secured at every point to the exterior of the box, and thus strengthen and stiffen the latter at the points where it is most liable to break. This leaves on the outer face of each flap a space, *b*, which, when the flap is folded up, is covered by the opposite portion of the projecting end of the envelope, when the latter is folded, as seen in Figs. 5 and 6. This space *b*, at one or both ends of the box, I utilize for advertising the name of the firm or house using the box, as indicated in the drawings.

The string or cord for tying up the box is represented at *c*. It extends through the box upon the inside from end to end, and passes

out through the hinges *a* and envelopes *C*. In
this way it is securely held in place, whether
the box is folded or unfolded, and at the same
time is in position where it can be effectively
5 and conveniently used for tying up the un-
folded box and keeping the flaps and tucked-
down ends of the wrapper in place.

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

The combination, with the body of a fold-

ing paper box, of hinged flaps and a continu-
ous cord or string, *c*, extending along the in-
side of the box, with its ends projecting through
to the outside of the box, as and for the pur- 15
poses herein shown and described.

In testimony whereof I have hereunto set
my hand this 9th day of August, 1884.

CHARLES W. ELLIOTT.

Witnesses:

CHARLES E. ABBOTT,
GEORGE C. ABBOTT.