

(No Model.)

C. W. ELLIOTT.
FOLDING PAPER BOX.

No. 313,190.

Patented Mar. 3, 1885.

Fig. 1

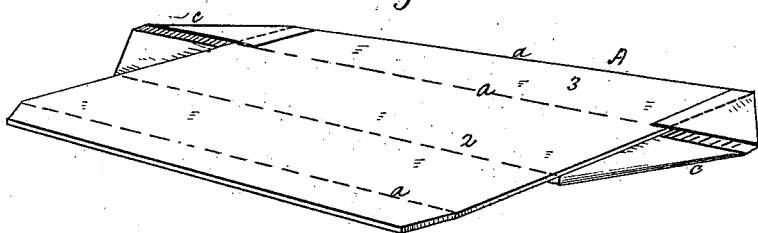


Fig. 2

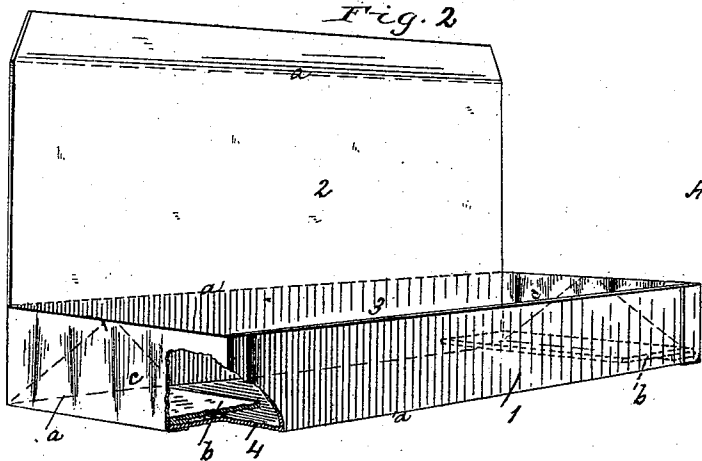


Fig. 4.

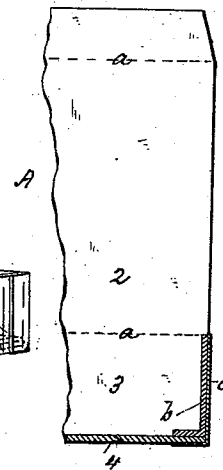
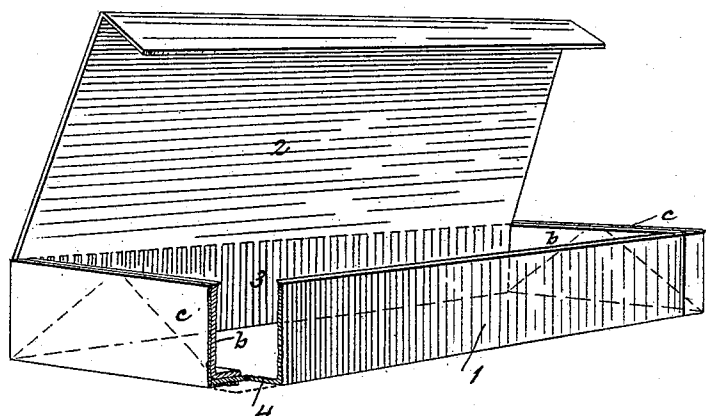


Fig. 3.



Witness
H. N. Low
E. H. Dick

Inventor
Charles W. Elliott
by Marshall Bailey
his Attorney

UNITED STATES PATENT OFFICE.

CHARLES W. ELLIOTT, OF MONCTON, NEW BRUNSWICK, CANADA, ASSIGNOR
OF ONE-HALF TO GEORGE E. MACKINTIRE, OF MELROSE, MASS.

FOLDING PAPER BOX.

SPECIFICATION forming part of Letters Patent No. 313,190, dated March 3, 1885.

Application filed October 3, 1884. (No model.)

To all whom it may concern:

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

My invention has relation to what are known as "knockdown" or folding paper boxes, and it is principally characterized by the combination, with the body of the box, of end flaps which can be turned up to complete the box, and false ends consisting of light pliable material—such as thin paper—which are external to the end flaps, and serve to hold them in place, and which are permanently attached to and adapted to fold up with the body of the box.

The nature of my improvements can best be explained and understood by reference to the accompanying drawings, in which—

Figure 1 is a view of the box in knock-down condition. Fig. 2 is a view of the same partially set up, with end flaps still folded down. Fig. 3 is a view of the box completely set up. Fig. 4 is a longitudinal vertical section of part of the box.

The box shown in the drawings in illustration of my invention can be expeditiously and cheaply made. Its body consists of a single strip, A, of pasteboard, which is creased along the lines *a* in such manner that it will form, when properly bent, the front and rear sides, 1 3, the bottom 4, and the top or cover 2 of the box.

To complete the box the ends must be closed, and to provide for this I make use of inwardly-folding end flaps, *b*, of pasteboard, which are attached to the bottom of the box, and are adapted to fold down thereon. With end flaps thus arranged, it is requisite to provide some means for holding them in place when they are raised, so as to prevent them from spreading outwardly. To meet this want I employ false ends *c* of thin pliable material—such as

paper—which are pasted to the body of the box at each end so as to be external to the end flaps, *b*. They are permanently united with the box, and are so arranged that they are stretched taut when the two sides 1 3 are parallel to one another. They consequently prevent these two sides from spreading apart, and the latter, to be folded, must, as shown, fold inwardly. The false ends fold up readily when the box is "knocked down," while the moment the box is set up they are in position to prevent the end flaps, *b*, from spreading outwardly.

To knock down the box the end flaps, *b*, are first turned down inwardly so as to lie flat upon the bottom of the box. The front side, 1, is then turned down upon the flaps *b*, making in so doing a half-fold in the pliable false ends *c*. The rear side, 3, and cover 2 are then turned down flat upon the part 1, thus putting the box into compact shape, and folding up the false ends into triangular form.

Having described my improvement and the best way known to me of carrying the same into practical effect, what I claim herein as new and of my own invention is—

1. In a folding paper box, the combination, with the body of the box, of inwardly-folding end flaps, and pliable false ends external to said flaps permanently attached to and adapted to fold up with the body of the box, substantially as and for the purposes hereinbefore set forth.

2. The body strip A, creased to form the sides 1 3 and top and bottom 2 4, in combination with the folding end flaps, *b*, and the pliable false ends *c*, as herein shown and described.

In testimony whereof I have hereunto set my hand this 30th day of September, 1884.

CHARLES W. ELLIOTT.

Witnesses:

GEORGE C. ABBOTT,
GEO. E. ABBOTT.