

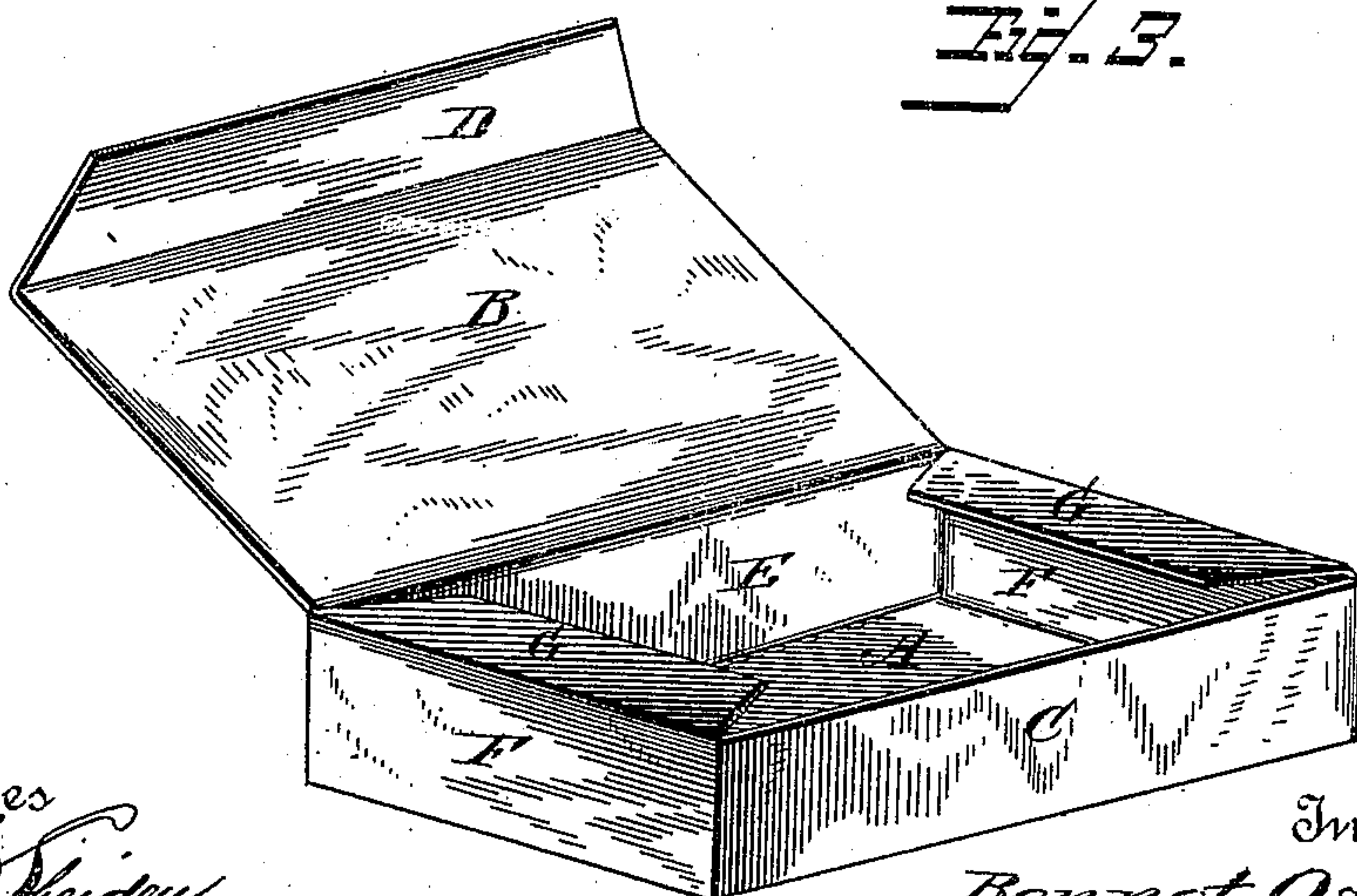
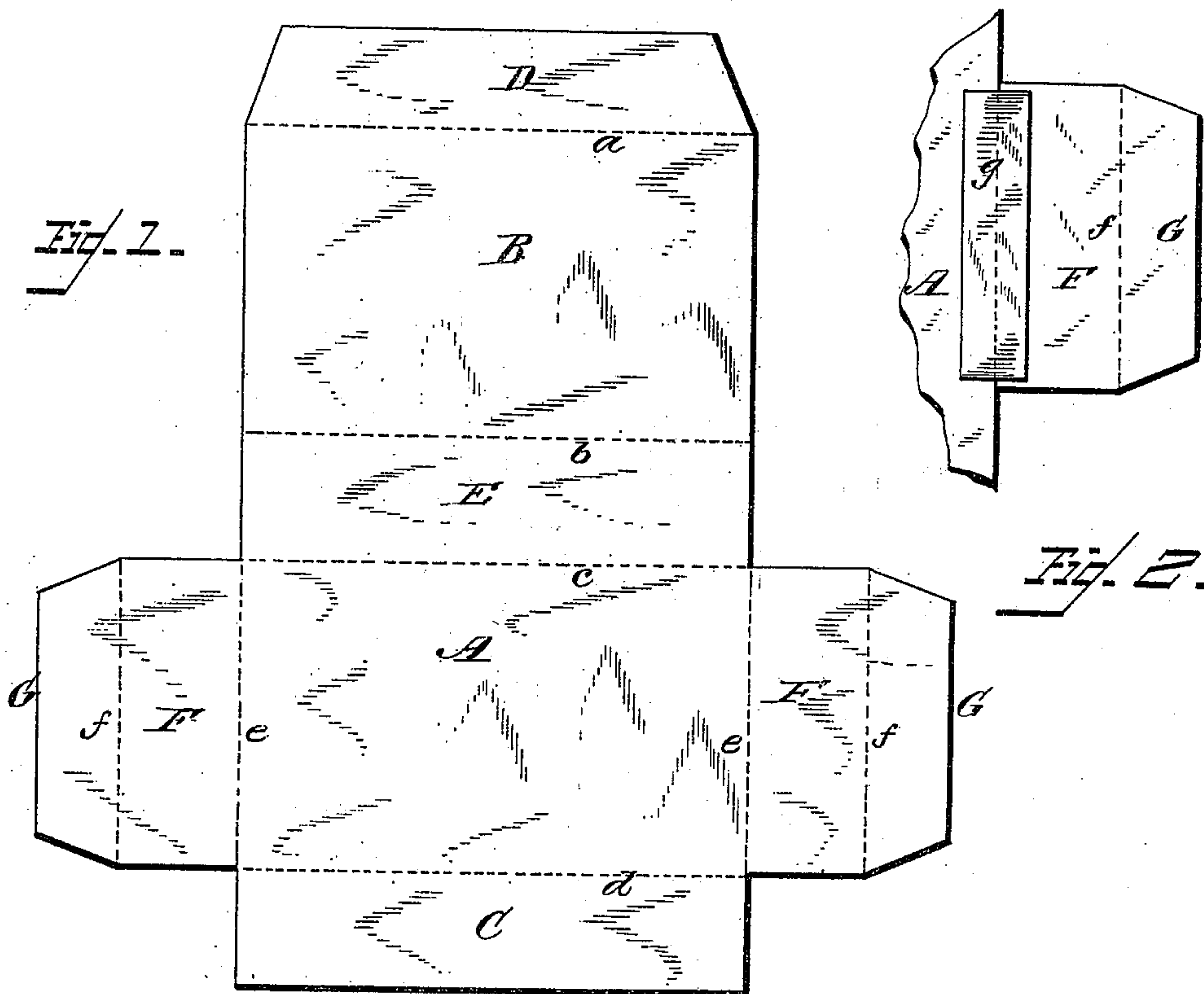
(Model.)

B. OSBORN.

PAPER BOX.

No. 333,246.

Patented Dec. 29, 1885.



Witnesses
Wm. H. Steider,
L. L. Miller.

Inventor
Bennet Osborn.

By *his* Attorney
Chas. H. Fowler

UNITED STATES PATENT OFFICE.

BENNET OSBORN, OF NEWARK, NEW JERSEY.

PAPER BOX.

SPECIFICATION forming part of Letters Patent No. 333,246, dated December 29, 1885.

Application filed November 16, 1885. Serial No. 183,000. (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 that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a plan view of the blank from which the box is constructed; Fig. 2, a modification thereof in detail, showing the end pieces of the blank formed separate and afterward connected thereto; and Fig. 3, a perspective view of the box complete.

The present invention has relation to certain new and useful improvements in paper boxes, and has reference more particularly to that class having end flaps which are bent inwardly to form supports for the cover, and the latter provided with a lip or flange for retaining it closed.

The object of the invention is to improve the construction of the above-mentioned class of boxes by providing a blank cut into form in such manner as will enable the box to be made from less material, thereby economizing in stock, as well as producing a strong and durable box from cheap material. These objects I attain by the construction substantially as shown in the drawings, and hereinafter described and claimed.

The blank shown in Fig. 1 is cut so as to form the bottom A and cover B when the box is formed, or when it is put together, as shown in Fig. 3.

That portion of the blank constituting the bottom A of the box is extended to form one of the sides, C, and the part B extended to form a lip or flange, D, thereto. The blank is scored or creased along the lines *a b c d*, so that the same can be bent into shape to form the box, that portion of the blank between the lines *b c* constituting the side E of the box, which is opposite to the side C, hereinbefore described.

That portion of the blank which is to constitute the ends of the box, as shown at F, is

formed by the lateral extension of that portion forming the bottom A, these ends being also extended to provide flaps G, the ends being scored or creased along the lines *e f*, so as to be bent into shape to form the box, as shown in Fig. 3.

This blank, as above described, I have shown in Fig. 1 as being of one and a single piece; but, if preferred, it may be made in three pieces, the two end pieces forming the ends F and flaps G of the box being separate and afterward attached by strip *g*, of paper or muslin, as shown in Fig. 2, thereby saving material, as small pieces or scraps can be utilized.

In making cheap work the blank may be made of cheap stock and the box finished by covering with plain or ornamental paper, and for better work can stay the corners with paper or muslin and then cover with fancy papers.

The flaps G, as well as the flange or lip D, may be of any desirable width, and may be fastened down in position or not, as preferred, the object of the flaps being designed as a support for the cover of the box and to prevent the contents from coming out.

The cutting of the blank takes less stock than the blanks usually employed in the manufacture of boxes of an equal size, thereby materially decreasing the cost of manufacture.

In boxes where the cover will be opened and closed often the joint thereof may be reinforced by a strip of muslin or paper across the back thereof, to serve as a hinge to keep the cover from breaking off.

This blank, as will be seen, is simple in form, consisting of a rectangular piece of paper, board, or other material from which the box is to be constructed, the piece or strip being scored or creased transversely, as shown, to form the bottom, sides, and top or cover of the box, and also the tongue or flange of said cover, and provided with lateral extensions creased or scored to form the ends and flaps.

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

The herein-described paper box, construct-

100

ed from a blank consisting of a rectangular strip creased or scored transversely, as shown, to form the bottom, sides, and cover of the box, and also the tongue or flange to the cover,
5 said blank having lateral creased or scored extensions to form the ends and flaps thereto, substantially as and for the purpose set forth.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

BENNET OSBORN.

Witnesses:

FRED G. OSBORN,
BENNET OSBORN, Jr.