

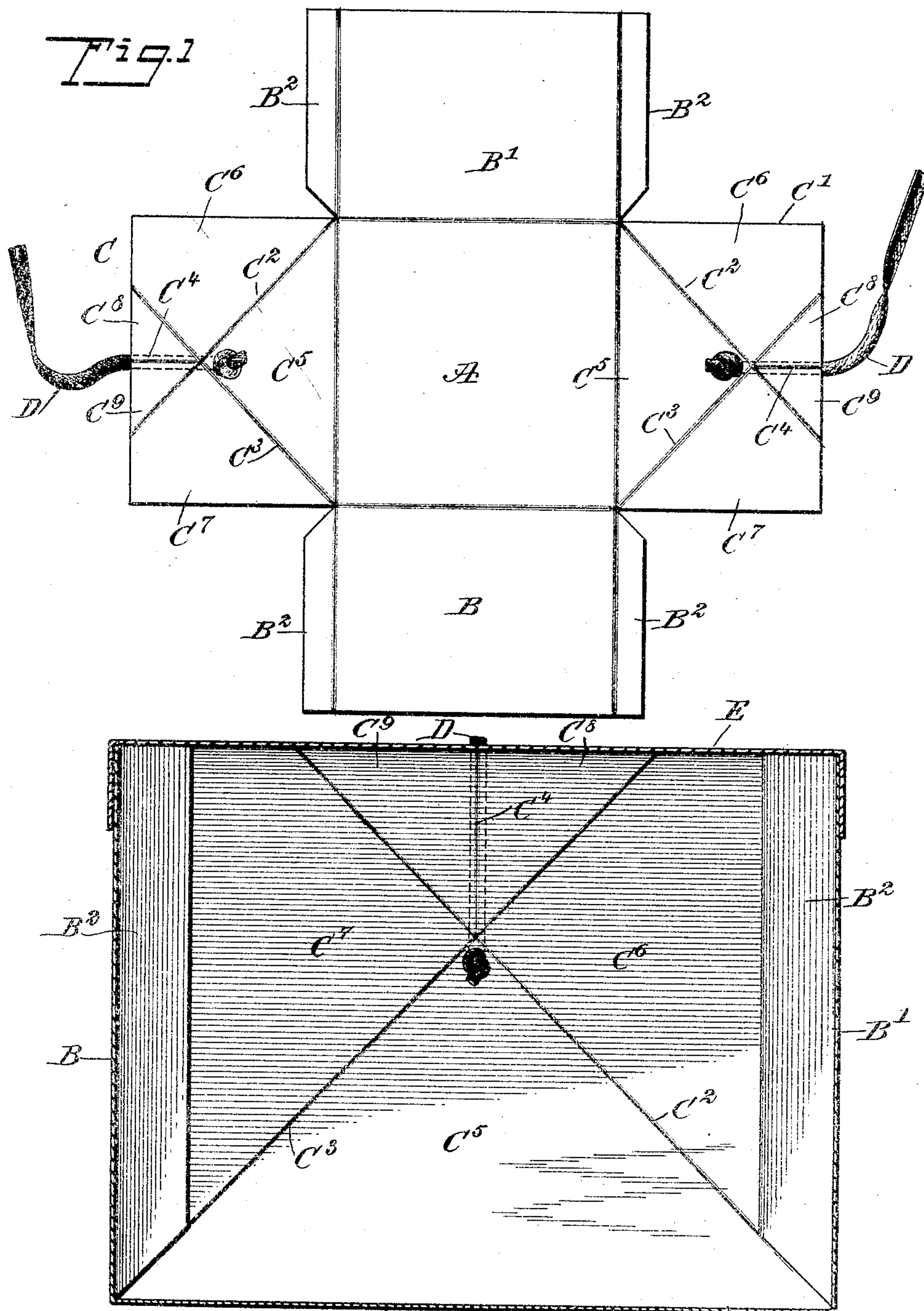
No. 780,364.

PATENTED JAN. 17, 1905.

J. R. MEDLEY.
FOLDING BOX.

APPLICATION FILED JUNE 3, 1904.

2 SHEETS—SHEET 1.



WITNESSES:

J. A. Brophy
Geo. J. Horked

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Fig. 2

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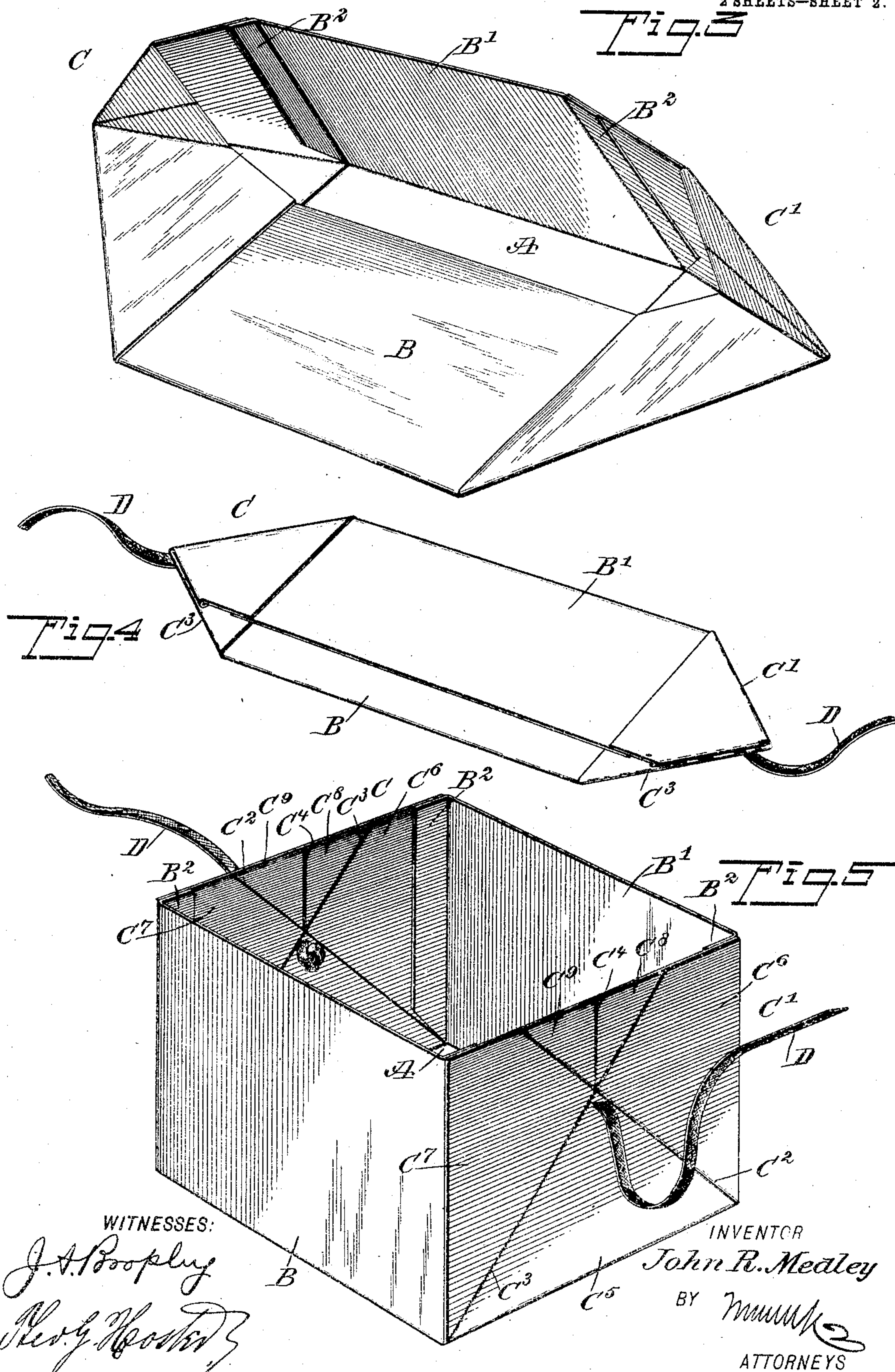
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WITNESSES:

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UNITED STATES PATENT OFFICE.

JOHN RIGHT MEDLEY, OF ATLANTA, GEORGIA, ASSIGNOR TO WILLIAM S. ADLER, OF ATLANTA, GEORGIA.

FOLDING BOX.

SPECIFICATION forming part of Letters Patent No. 780,364, dated January 17, 1905.

Application filed June 3, 1904. Serial No. 210,955.

To all whom it may concern:

Be it known that I, JOHN RIGHT MEDLEY, a citizen of the United States, and a resident of Atlanta, in the county of Fulton and State of Georgia, have invented a new and Improved Folding Box, of which the following is a full, clear, and exact description.

The invention relates to collapsible paste-board boxes, such as are used by milliners and other persons for holding ladies' hats and other articles of merchandise.

The object of the invention is to provide a new and improved folding or collapsible box arranged to fold up flat for convenient storing and shipping and to allow the user to readily extend or set up the box for filling the same with articles of merchandise.

The invention consists of novel features and parts and combinations of the same, as will be more fully described hereinafter and then pointed out in the claims.

A practical embodiment of the invention is represented in the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views.

Figure 1 is a plan view of the blank for forming the box-body. Fig. 2 is an enlarged cross-section of the improvement, showing the cover tied in position on the box. Fig. 3 is a perspective view of the box-body partly collapsed. Fig. 4 is a like view of the same completely collapsed, and Fig. 5 is a perspective view of the box-body extended or set up for use.

The box-body is preferably made from a single piece of cardboard or other suitable material, and the said body consists of the connected bottom A, the sides B and B', and the ends C and C', of which the latter is preferably provided with tying-strings D for tying the ordinary cover E in place on the open top of the box-body. The sides B and B' and the ends C and C' extend integrally from the bottom A, as plainly indicated in Fig. 1, and the sides B and B' are preferably provided with attaching-plates B², gummed, glued, or otherwise secured to the inner faces of the

ends C and C' to connect the sides and ends with each other. Each of the ends C and C' is provided with creases C², C³, and C⁴, of which the creases C² and C³ extend from the bottom corners upwardly to the top edge of the corresponding end C or C', the said oblique creases C² and C³ intersecting each other a distance below the top edge, and the crease C⁴ extends from the intersecting point of the creases C² and C³ upwardly to the top edge of the corresponding end C or C' and at right angles to the said edge. The creases C², C³, and C⁴, as described, form an accordion fold capable of folding outwardly for the ends to assume an approximately triangular shape, as plainly indicated in Fig. 4, at the same time bringing the sides B and B' flat one upon the other for the collapsed box to take up very little room. By arranging the creases C², C³, and C⁴ as described each end is divided into parts C⁵, C⁶, C⁷, C⁸, and C⁹, of which the part C⁵ is the bottom part and is of triangular shape, while the parts C⁶ and C⁷ are the side parts, and the parts C⁸ and C⁹ are in the form of right-angle triangles capable of folding inwardly between the side parts C⁶ and C⁷.

The tying-strings D are preferably attached to the ends C and C' at or near the intersecting point of the creases C² and C³, and the said strings extend outwardly to permit of readily tying the cover E in position on the open top of the box-body, as plainly indicated in Fig. 2.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. A box-body comprising a bottom, sides and ends connected with each other each end having creases extending from the bottom to the top edge and intersecting below the top edge, and an additional crease leading to the top edge from the intersecting point to form an accordion fold for folding the entire end outwardly.

2. A box-body comprising a bottom, sides, and ends connected with each other, the ends having creases extending from the bottom and intersecting below the top edge, and addi-

tional creases leading to the top edge from the intersecting points to form accordion folds arranged to permit of folding the entire ends outwardly in an approximately triangular form.

3. A box-body comprising a bottom, sides, and ends, each of the ends having oblique creases extending from the bottom corners upward to the top edge of the end, the oblique creases intersecting each other a distance below the top edge and a crease extending from the said intersection to the top edge of the end.

4. A box-body comprising a bottom, sides, and ends, each of the ends having oblique creases extending from the bottom corners upward to the top edge of the end, the oblique creases intersecting each other a distance below the top edge and a crease extending from the said intersection to the top edge of the end and at right angles thereto.

5. A box-body comprising a square bottom, sides, and ends, said sides and ends extending outwardly from said bottom, the sides having flaps for engaging the ends and the ends having oblique creases extending from their bottom corners upward to their top edges, the oblique creases of an end intersecting each other a distance below the top edge of said end, the tops of the end and side sections be-

ing parallel with their respective sides of the bottom.

6. A blank for a box, comprising a bottom section, side and end sections projecting outwardly therefrom and disconnected from each other, the sides having flaps, and the ends having oblique creases extending from the bottom corners upward to the top edge of the end, the oblique creases of an end intersecting each other a distance below the top edge, and a crease extending from the said intersection to the top edge of the end and at right angles thereto.

7. A box-body comprising a rectangular bottom, sides and ends extending outwardly from said bottom, the ends having oblique creases extending from their bottom corners upward to their top edges, the oblique creases of an end intersecting each other below the top edge of said end to form accordion folds for folding the entire end outwardly.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JOHN RIGHT MEDLEY.

Witnesses:

LEONARD HAAS,
MILTON M. HIRSCH.