

(No Model.)

2 Sheets—Sheet 1.

J. JOWETT.
COLLAPSIBLE BOX.

No. 523,038.

Patented July 17, 1894.

FIG. 1

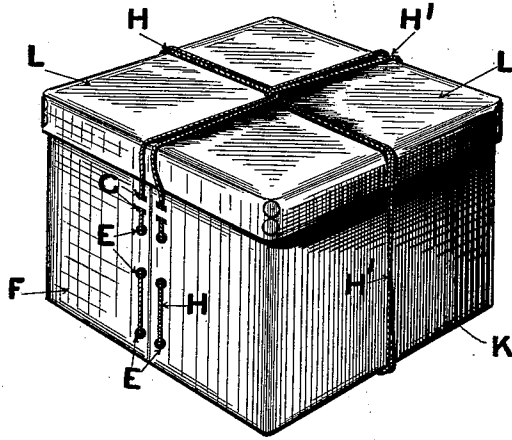


FIG. 2

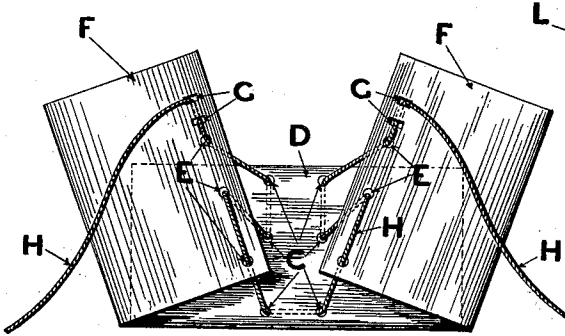


FIG. 3

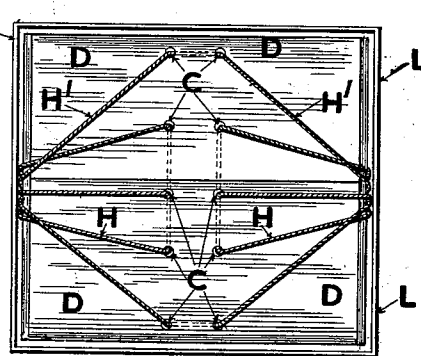


FIG. 4



Witnesses:

J. M. Fowler

Wallace Mundock

Inventor:

James Jowett

By *Church & Church*
Attorneys

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FIG. 5

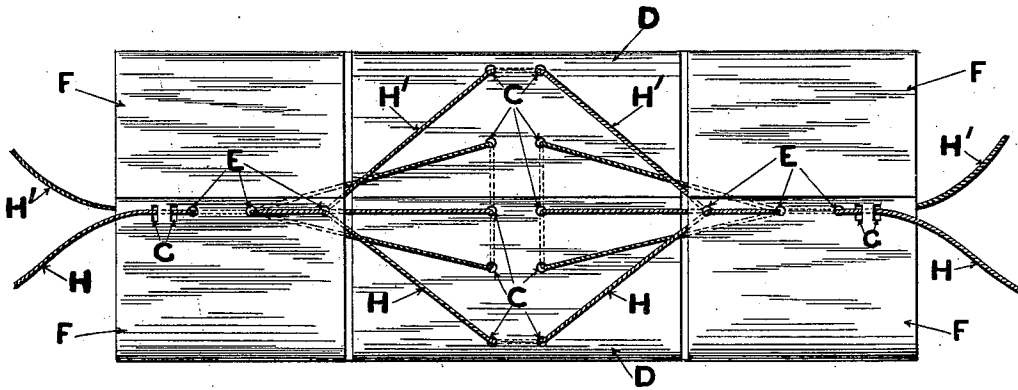
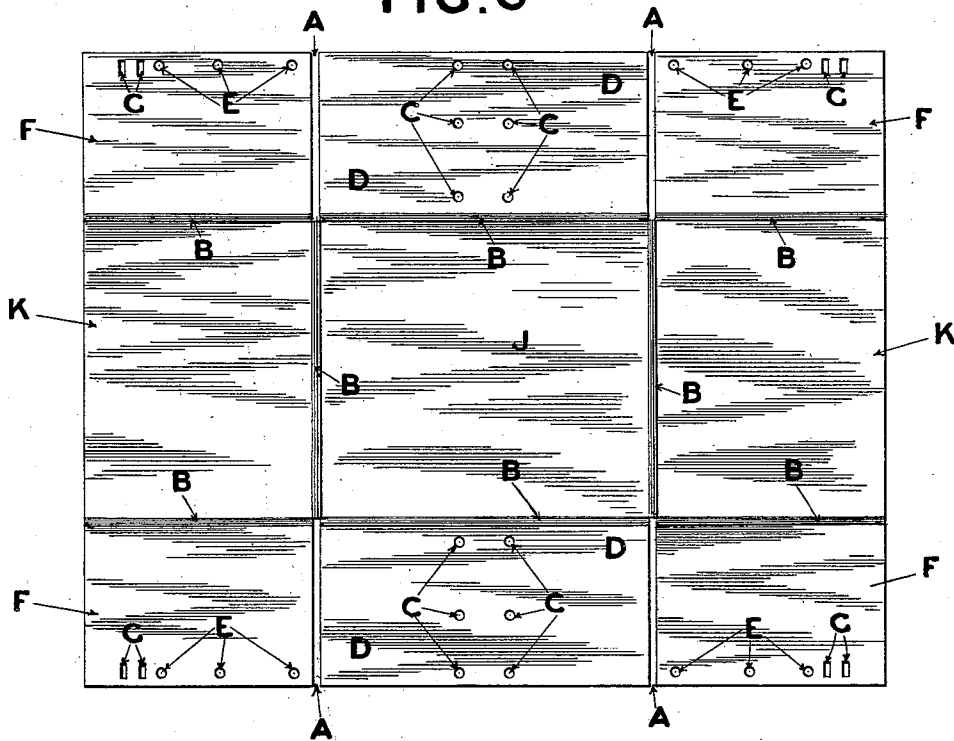


FIG. 6



Witnesses:

J. M. Fowler Jr.

Wallace Murdoch

Inventor:

James Jowett

*By Lechueh + Lechueh
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UNITED STATES PATENT OFFICE.

JAMES JOWETT, OF BRADFORD, ENGLAND.

COLLAPSIBLE BOX.

SPECIFICATION forming part of Letters Patent No. 523,038, dated July 17, 1894.

Application filed January 25, 1894. Serial No. 497,982. (No model.)

To all whom it may concern:

Be it known that I, JAMES JOWETT, a subject of the Queen of England, residing at Bradford, England, have invented certain Improvements in Collapsible Boxes, of which the following is a specification.

This invention relates to improvements in card-board, straw-board, and similar boxes, and its object is to provide a collapsible box adapted to be stored in a comparatively small space and capable of being readily extended or opened out into box form.

Figure 1, in the accompanying sheet of drawings represents a perspective view of my improved box and lid complete. Fig. 2, is a side view of the box illustrating the method of extending or opening it out. Fig. 3, is a view of the box collapsed and packed in the lid. Fig. 4, represents an edge view of the collapsed box alone. Fig. 5, represents a plan view of the collapsed and partly folded box. Fig. 6, represents a sheet of straw-board illustrating the method of cutting and folding it to form the box.

The sheet of straw-board (Fig. 6) is cut through at the four places marked A and is creased or scored along each of the lines B so as to be pliable or folded along those lines. A double row of perforations or lace holes C, C are made through the flaps D and a single row of perforations E along the edge of each of the flaps F. Two perforations G of oblong form, hereinafter referred to, are also made through the flaps F. The laces or cords H, H' are then interlaced with the perforations in the manner clearly shown in Figs. 2 and 5 and the flaps first folded as shown in Fig. 5, over the portion forming the bottom J and ends K, K and the ends are then doubled under as shown in Fig. 4 to enable it to be placed within the lid.

To open out the box it is simply necessary to unfold it and draw the laces tight. The holes G are provided to more or less hold or

create a little friction upon the laces and tend to prevent them slipping. When the box is extended the spare ends of the laces may be wrapped once or more around the box to secure the lid L.

I claim—

1. In a collapsible box, the combination with the body having the side flaps K and D, of the end flaps F having perforations therein registering with perforations in flaps D when the box is formed, and flexible laces threaded through said perforations for holding the box in shape and adapted to permit of the separation of the flaps without escaping from the perforations; substantially as described.

2. In a collapsible box the combination with the body having the four flaps K, K, and D, D, of the flaps F joined to the ends of opposite flaps K in position to overlie the flaps D with their edges in proximity when the box is formed, said flaps F and D having a vertical series of registering perforations, and laces threaded through said perforations for holding the flaps in place, said laces being free to draw through said perforations as the box is collapsed or set up without escaping therefrom; substantially as described.

3. In a collapsible box, the combination with the body having the four flaps K K and D D, of the flaps F joined to the ends of opposite flap K in position to overlie the flaps D with their edges in proximity when the box is formed, said flaps F and D having a series of registering perforations, and the flaps F additional elongated perforations G and laces threaded through the perforations for holding the box in shape; substantially as described.

In testimony whereof I have hereunto set my hand in the presence of the two subscribing witnesses.

JAMES JOWETT.

Witnesses:

SAMUEL A. DRACUP,
CHARLES BONFIELD.