L. E. BRADY.

FOLDING CONTAINER AND FASTENING MEANS THEREFOR.

APPLICATION FILED MAR. 31, 1919.

1,371,219. **Patented Mar. 15, 1921.**

Fig. 1

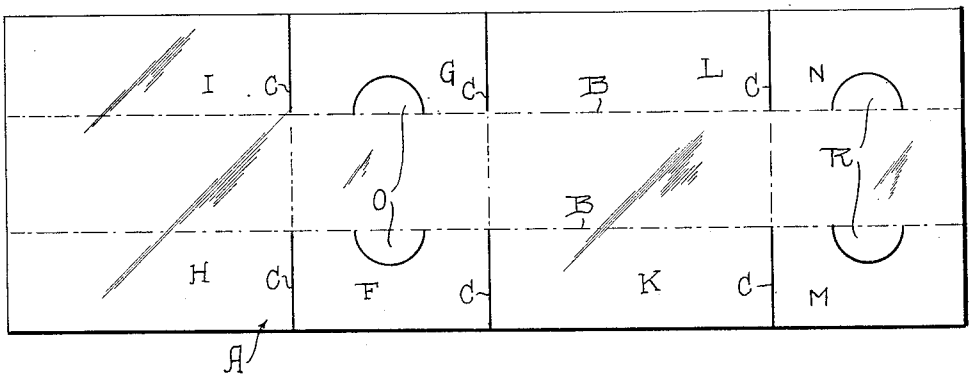


Fig. 2

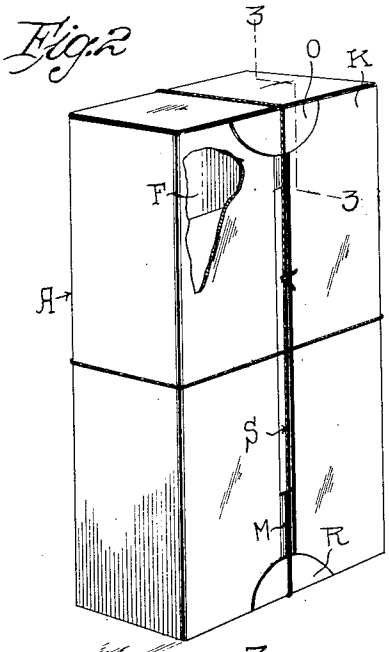


Fig. 4

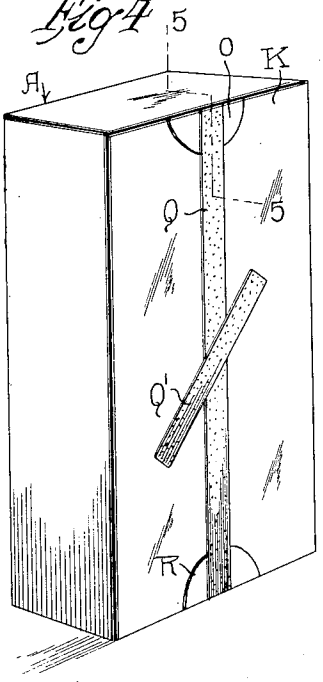


Fig. 3

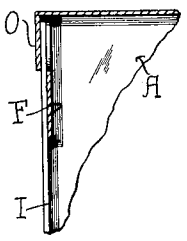


Fig. 5

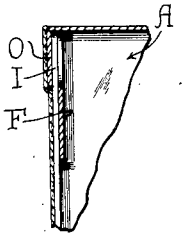


Fig. 6

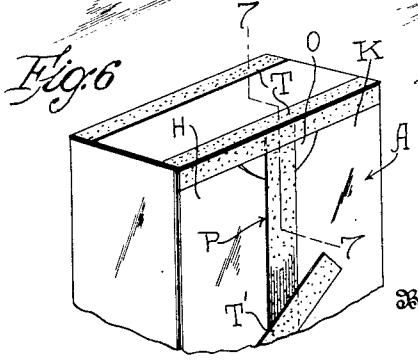
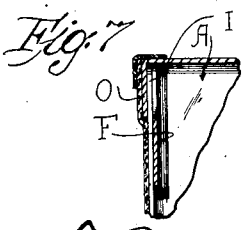


Fig. 7



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FOLDING CONTAINER AND FASTENING MEANS THEREFOR.

1,371,219. Specification of Letters Patent. Patented Mar. 15, 1921.

Application filed March 31, 1919. Serial No. 286,460.

To all whom it may concern:

Be it known that I, LEVI E. BRADY, a citizen of the United States, residing at St. Louis, in the city of St. Louis and State of Missouri, have invented certain new and useful Improvements in Folding Containers and Fastening Means Therefor; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

This invention relates to new and useful improvements in collapsible boxes made of blanks of paper or other suitable material, and so arranged as to reduce to a minimum the necessary tape or cord for holding the parts together, when used for shipping commodities of various kinds.

The invention consists of a simple and efficient device of this nature having various details of construction, combination and arrangement of parts which will be hereinafter fully described, shown in the accompanying drawings and then specifically defined in the appended claims.

My invention is illustrated in the accompanying drawings, which with the letters of reference marked thereon, form a part of this application, and in which:

Figure 1 is a plan view of a blank cut ready to be folded along the scored lines indicated.

Fig. 2 is a view of the container folded, with the fastening cord about the same.

Fig. 3 is a longitudinal sectional view on line 3—3 of Fig. 2.

Fig. 4 is a view of the folded container, showing a modified fastening means.

Fig. 5 is a sectional view on line 5—5 of Fig. 4.

Fig. 6 is a still differently modified form of fastener, and

Fig. 7 is a sectional view on line 7—7 of Fig. 6.

Reference now being had to the details of the drawings by letter:

A designates a blank of paper, or any other suitable material, which is scored along the parallel lines indicated by letter B, and transverse slits C are cut in from the opposite edges parallel to each other and forming flaps F, G, H, I, K, L, M and N, which are adapted to be folded in the manner shown in the drawings when the blank is in readiness for use for containing any commodity. The flaps F and G have semi-circular tabs O struck up therefrom and which are adapted to be folded in the manner shown to overlap the adjacent ends of the flaps K, H, I and L, while the flaps M have central tabs R semi-circular in outline struck up therefrom and which, when the box is formed, engage the adjacent ends of the side flaps K and L.

In converting the blank into a container, the flaps F and G are first bent at right angles along the scored lines B, and afterward the flaps H and I are bent up at right angles and then the latter with the intervening portion bent at right angles to the end adjacent to the tabs O. The portion of the blank having the flaps K L are then bent at right angles, in the manner shown, with the corners of the flaps K, L, H and I interlocking with the tabs O, after which the flaps M and N are bent at right angles along the scored line and folded inside of the other flaps, with the integral tabs R engaging over the adjacent edges of the longitudinal flaps L, K, I, and H respectively.

A cord S is passed about the container over the tabs and then at right angles about the box, thus holding the tabs folded in the manner set forth.

In Fig. 4 of the drawings I have shown a modification of the invention, in which pieces of adhesive material Q are fastened longitudinally about the container, and which pieces are further reinforced by cross pieces Q′ of adhesive material, thus securely holding the parts in place.

In Fig. 6 is illustrated a still differently modified form, in which the adhesive strips P pass longitudinally about the container, while other adhesive strips T are fastened over the corners at the ends of the container and a diagonally disposed adhesive strip T′ is applied to the strip P and container, thus securely holding the parts folded.

By the provision of a container and means for holding the parts folded, as set forth, a simple and efficient receptacle is provided for holding shoes and various other commodities, while the quantity of cord, tape, or

other material for holding the parts folded is reduced to a minimum, thus effecting an appreciable saving in such material.

What I claim to be new is:

A container comprising a blank of material scored along parallel longitudinal and cross lines upon which the blank is adapted to be folded, and having transverse slits in the opposite edges extending to said parallel longitudinal scored lines to form closure flaps, central semi-circular outlined tongues struck from said flaps with their inner ends in alinement with said longitudinal scored lines, said tongues, when the blank is folded along the scored lines to form a rectangular outlined closure, being positioned to overlap two of said closure flaps when in closed position, said last mentioned closure flaps having their edges practically abutting but not overlapping.

In testimony whereof I hereunto affix my signature in presence of two witnesses.

LEVI ELI BRADY.

Witnesses:

L. H. LINDSEY,

WALDO R. FAVREAU.