

G. A. CIBULKA.
 COLLAPSIBLE BOX.
 APPLICATION FILED FEB. 24, 1919.

1,322,290.

Patented Nov. 18, 1919.

Fig-1.

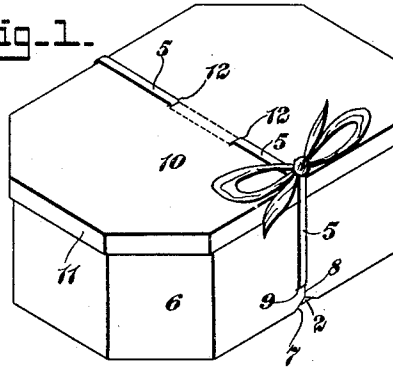


Fig-2.

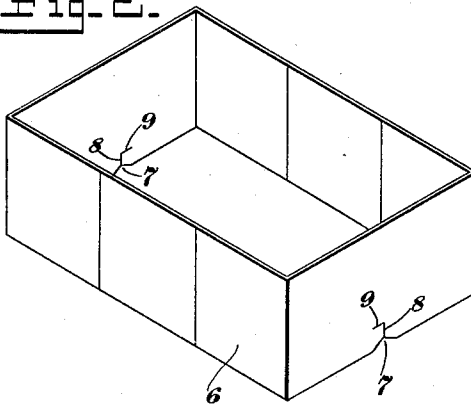


Fig-3.

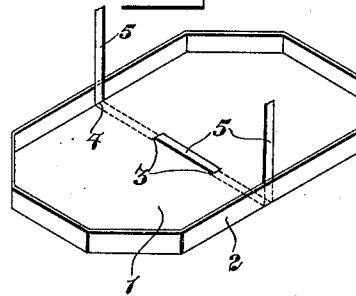
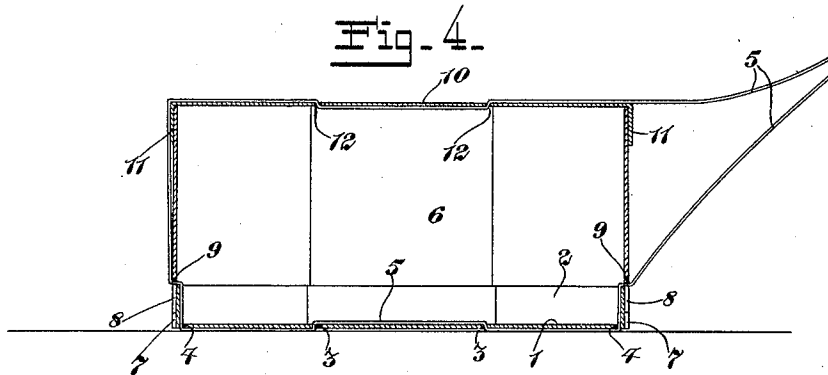


Fig-4.



Attest.

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UNITED STATES PATENT OFFICE.

GEORGE A. CIBULKA, OF ST. LOUIS, MISSOURI.

COLLAPSIBLE BOX.

1,322,290.

Specification of Letters Patent.

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Application filed February 24, 1919. Serial No. 278,848.

To all whom it may concern:

Be it known that I, GEORGE A. CIBULKA, a citizen of the United States, residing at the city of St. Louis and State of Missouri, have invented a new and useful Collapsible Box, of which the following is a specification.

This invention relates to folding or collapsible boxes.

An object of the invention is to provide an improved box composed of a detachable bottom, side walls and a top or cover, in combination with a tape or string secured to the bottom and adapted to engage within appropriate slits in the side walls and over the top to hold the parts in proper relative position when assembled.

Other objects will appear from the description, reference being made to the drawing illustrating a preferred embodiment of the invention, in which

Figure 1 is a perspective view of the complete box.

Fig. 2 is a perspective view of the side walls member detached from the top and bottom of the box.

Fig. 3 is a perspective view of the bottom of the box illustrating the manner in which the tape or string may be connected therewith.

Fig. 4 is a vertical sectional view of the complete box.

As shown the bottom includes a bottom wall 1 having a narrow upwardly extending flange 2 around the edge thereof. At an appropriate distance inwardly from the edges of the bottom wall a pair of slits 3 are formed and just inside the flange near each side edge of the bottom a slit 4 is formed. A tape or string 5 is connected to the bottom by being extended across the portion of the bottom between the slits 3, then passed through the slits 3 and across or under the side of the bottom to the slits 4, then through the slits 4 inside of the flange 2. This tape or string is of sufficient length to pass over the top of the box when the box is assembled, and to be tied, as shown in Fig. 1.

The side wall 6 of the box is scored vertically as shown to provide lines for the side wall to bend at the corners or angles of the box. The portions of the side walls which are adjacent to the upwardly extended portions of the tape have notches 7 from each of which a vertical cut or slit 8 extends up-

wardly, with a horizontal cut or slit 9 extending laterally from the upper ends of the slits 8. When the side wall is placed around the flange 2 of the bottom as shown, the tape or string 5 at opposite sides thereof may be passed through the vertical slits 8 into the horizontal slits 9, thus holding the side wall from turning and from being raised out of engagement with the bottom of the box.

The top or cover of the box includes a wall 10 adapted to rest upon the upper edge of the side wall, and a depending flange 11 arranged to inclose the upper portion of the side wall, as shown. The top wall of the box may be provided with slits 12, if desired, through which one portion of the tape or string may be passed, after which the tape or string may be tied to hold the box together; or, if desired, the tape or string may simply be tied over the top or cover without being passed through the slits 12.

My improved box is easily assembled and when detached the side wall may be folded along the scored lines and placed, within a small inclosure formed by placing the top of the box upon the the bottom, thus occupying comparatively small space when assembled.

An important feature of my invention is the provision of the slits 8-9 which receive the tape or string for the purposes stated.

I claim:

1. A box, comprising a bottom wall, a flange in connection with the bottom wall, a tape secured to the bottom wall and extending upwardly on opposite sides thereof at the inner sides of said flange, and a side wall having vertical slits extending upwardly from the lower edge thereof, and horizontal slits extending laterally from the upper ends of said vertical slits adapted to receive said tape, and a top or cover for the box.

2. A box, comprising a bottom wall, a flange in connection with the bottom wall, a tape secured to the bottom wall and extending upwardly on opposite sides thereof at the inner sides of said flange, and a side wall having horizontal slits near the upper edge of said flange adapted to receive and permit said tape to be passed therethrough to the outer side of the side wall at opposite sides of the box, and a top or cover for the box.

3. A collapsible box, comprising a bottom-

wall, a separate side wall having vertical slits extending upwardly from the lower edge thereof at opposite sides of said wall and having horizontal slits extending later-
5 ally from the upper ends of the vertical slits, a tape in connection with the bottom wall adapted to be passed through said vertical slits and to be seated in said horizontal slits

when the box is assembled, a top wall, and a circumferential flange in connection with 10 the top wall to inclose the upper portion of the side wall, said tape being adapted to be extended across the top wall and tied to secure the box in assembled relation.

GEORGE A. CIBULKA.