May 4, 1937. J. D. HRDLICKA ET AL 2,079,211

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Fig. 1.

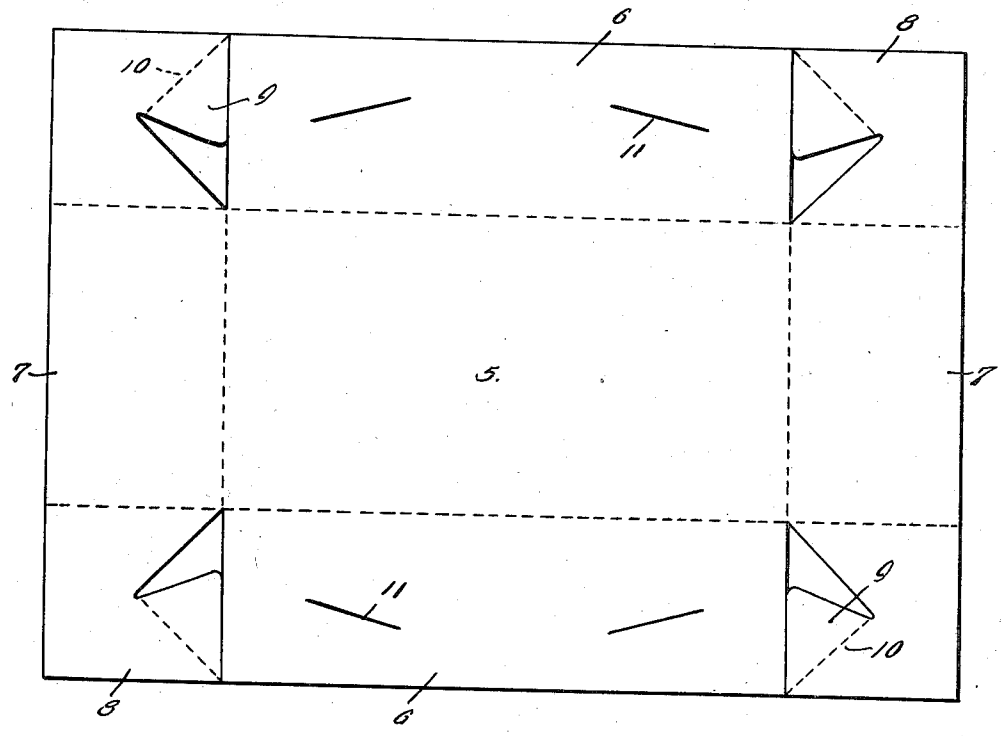
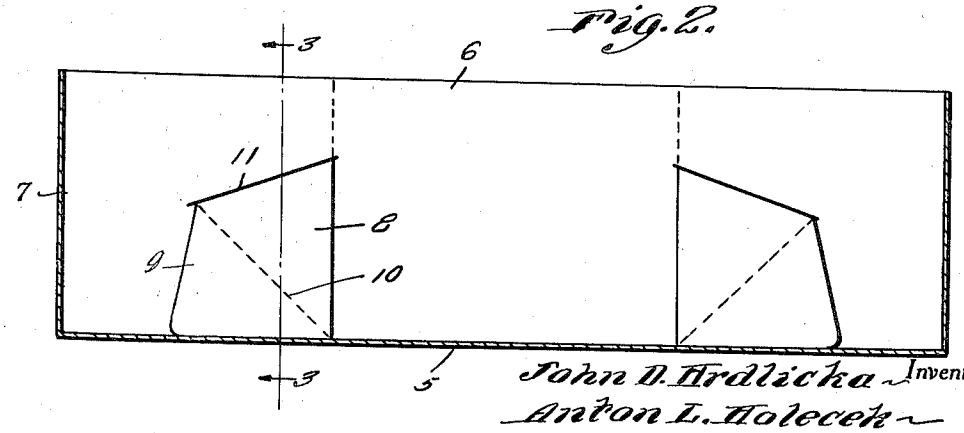


Fig. 2.



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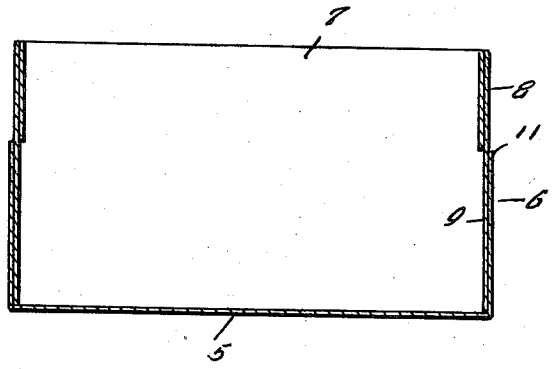
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Fig. 3.



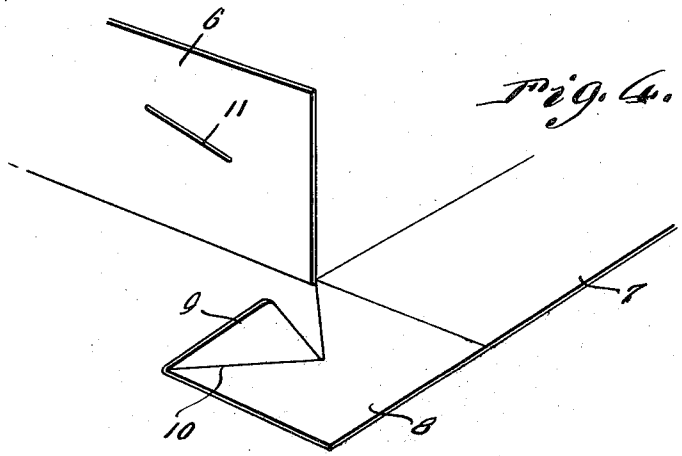


Fig. 4.

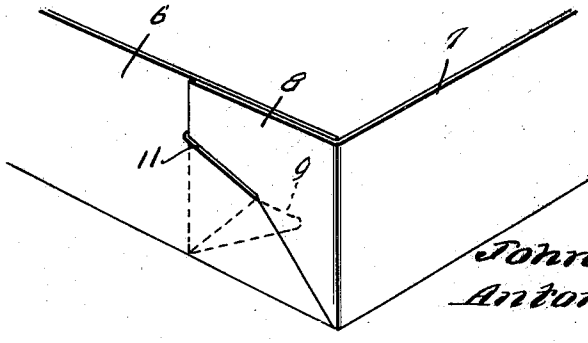


Fig. 5.

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Fig. 6.

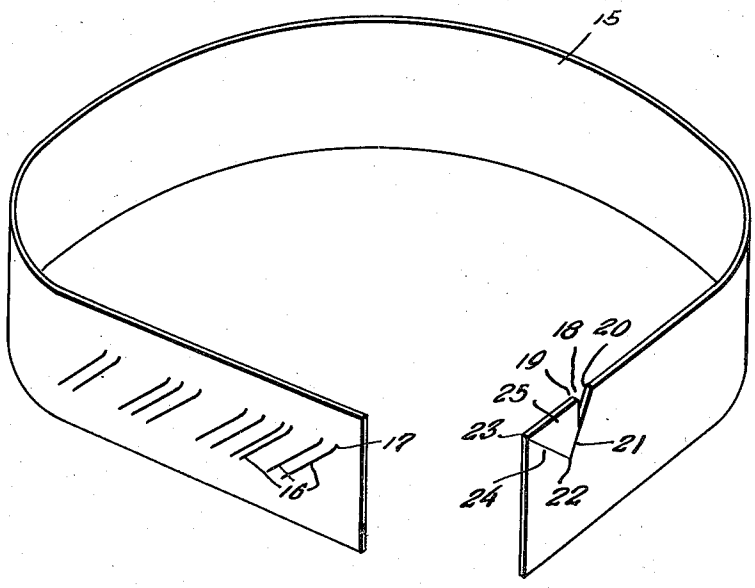


Fig. 7.

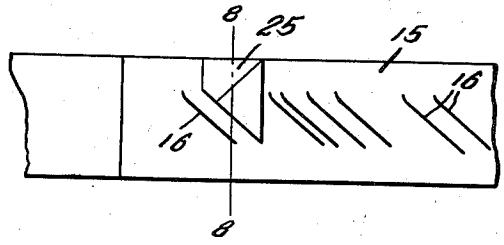


Fig. 8.

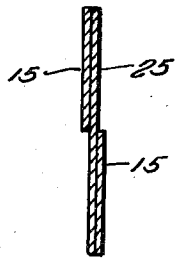
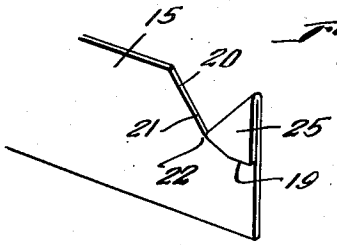


Fig. 9.



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John D. Hrdlicka and Anton L. Holecek, Chicago, Ill.; said Holecek assignor to said Hrdlicka

Application April 26, 1935, Serial No. 18,438

1 Claim. (Cl. 229—35)

This invention appertains to new and useful improvements in blank paper receptacles, the primary object of which is to provide improved means for securing the corners or ends of the receptacle in such a manner as to prevent accidental collapsing of the receptacle when it is once set up for use.

Other important objects and advantages of the invention will become apparent to the reader of the following specification.

Figure 1 is a plan view of a blank from which the box embodying the features of the present invention is formed.

Figure 2 is a longitudinal sectional view taken through the box.

Figure 3 is a transverse sectional view taken substantially on the line 3—3 of Figure 2.

Figure 4 is a perspective view of a corner portion of the box with the adjacent ends of a side and end wall separated.

Figure 5 is a view similar to Figure 4 showing the application of the invention, the adjacent ends of a side and end wall being locked together.

Figure 6 is a perspective view of a band used for binding cakes shown in open position.

Figure 7 represents a fragmentary side elevational view showing the ends of the cake band attached.

Figure 8 represents a cross sectional view taken substantially on line 8—8 of Figure 7.

Figure 9 represents a fragmentary perspective view of one end of the cake band.

With reference more in detail to the drawings, it will be seen that the box is somewhat conventional in construction, being formed from a single rectangular blank of pasteboard, cardboard or the like and folded on longitudinal and transverse fold lines to provide a bottom 5, and side walls 6 and 7.

By slitting the blank transversely and in alinement with the transverse folds of the blank inwardly from the longitudinal edges of the blank to the longitudinal fold lines of the blank, there is provided for each side wall 7, at each end of the side wall a flap 8 adapted to be folded inwardly at right-angles to the related side wall for disposition against either the inner or outer face of an adjacent side wall 6. In the present instance, I have shown the flap 8 overlapping an adjacent end of a side wall 6 at the outer side of the box or side wall of the box. (See Figures 4 and 5.)

According to the present invention, each flap 8 is provided with a substantially V-shaped notch one side of which extends inwardly from an inner corner of the flap whereby to provide the flap 8 with a locking tongue 9 that may be folded relative to the flap 8 on a diagonal crease line 10.

Each side wall 6 at each end thereof is provided with a diagonal slit 11 through which the tongue 9 of an adjacent flap 8 passes for locking the flap 8 in parallel overlapping relation with one end of the side wall 6 as shown to advantage in Figure 1.

As is apparent, when the flap 8 is disposed to the outer side of the side wall 6, the locking tongue 9 passes through a slit 11 inwardly of the box; when the flap 8 is disposed to the inner side of the side wall 6, the tongue 9 is passed through the slit 11 to the outer side of the box.

From the foregoing it will be apparent that in so forming the flap 8 the substantially triangular locking tongue 9, and the side walls 6 of the diagonal slit 11 for reception of the tongues 9, that the side and side walls at the corners of the box may be securely locked together, and in a minimum amount of time requiring but a minimum amount of effort. Further the flap 8 provides a reinforcement for the side walls 6 of the box as also do the locking tongues 9.

It will be observed in Figures 6, 7, 8 and 9 that the novel fastening means can be employed in conjunction with the cake band, said cake band consisting of an elongated strip 15 of thick paper or preferably cardboard which is provided with a plurality of longitudinally spaced oblique slits 16 in one end portion thereof, each of the slits being curved in a substantially vertical direction at its upper end as at 17.

The opposite end of the strip 5 is provided with a V-shaped cut 18 at its upper edge slightly inwardly from its extremity, this cut being provided with side edges 19—20. The side edge 20 has a continuation of its cut downwardly as at 21 to terminate at the point 22, from where and the corner 23 of this end portion of the strip the crease 24 is formed on which the flap 25 is folded to assume the position shown in Figure 9 when it is to be inserted through one of the slits 16 to connect the ends of the band about a cake. Obviously, when the end portion of the strip 15 last described has been inserted through one of the slits 16 the flap 35 regains the position substantially shown in Figure 6, in which position the ends of the band are substantially locked together against accidental disconnection.

While the foregoing specification sets forth the invention in specific terms, it is to be understood that numerous changes in the shape, size and materials may be resorted to without departing

from the spirit and scope of the invention as claimed hereinafter.

Having described the invention, what is claimed as new is:

In a flexible article of the character stated; means for securing a pair of side walls together at their ends, one of said end portions having a slit therein, the other end portion provided with a substantially square-shaped area for overlapping the slit end portion, said area having its edge formed with a substantially V-shaped notch therein at the edge portion adjacent said slit end portion, said V-shaped notch having one side thereof on the diagonal extending from one free corner of the area to the inner end of the side edge merging with the slit end portion, the other side of the V-shaped notch extending inwardly from substantially the mid-point of said diagonal to a point on said side edge of the area inwardly of a line drawn transversely through the area at the apex of said V-shaped notch, the remaining portion of the edge portion of the area adjacent the slit end and within the confines of the notch and other diagonal being bendable on the last-mentioned diagonal to permit insertion of the outer end portion of the area through the slit.

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