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C. FAUST

PAPER BOX CONSTRUCTION

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This invention relates to improvements in paper-box construction and more particularly to a structure of paper box adapted to be substituted for the ordinary cedar wood cigar box.

I am aware that heretofore there have been numerous attempts to substitute paper boxes for the ordinary wood cigar box but these have not met with general favor, due to the fact, that regardless of the thickness of stock used, the boxes are inclined to warp especially at their ends inasmuch as the cigars must be tightly compressed within the box.

It is therefore primarily an object of this invention to overcome this difficulty and provide a simple, economical, and durable box for this purpose which is practically air tight and so reinforced as to prevent warping.

A more specific object is to provide a form of reinforcing which will permit a comparatively light and inexpensive stock to be used.

With the foregoing and other objects in view my invention consists in what is herein shown and described and more particularly pointed out and defined by the appended claims.

In the drawings:

Figure 1 is an elevational view of a box constructed in accordance with my invention, with parts broken away to more clearly illustrate the same.

Figure 2 is a transverse sectional view through the box.

Figure 3 is a perspective view of the separated parts forming the box.

Figure 4 is a detailed perspective view of a modified form of the invention.

Referring now more particularly to the drawings, the preferred form of my invention consists of an inner box member 1 formed in the customary manner from a single blank of material in which the side walls 2 and end walls 3 are folded upwardly and secured together by the adhesive strips 4. 

For the purpose of reinforcing this structure an outer shell 5 is provided which is adapted to snugly receive the inner box member 1, which is glued or otherwise suitably secured within the shell 5. As best shown in Figure 3 the shell 5 consists of the end walls 6 and side walls 7 which are reinforced and secured together at their corners by the adhesive strips 8.

It will be noted that the walls 2 and 3 of the inner box member 1 terminate below the upper edge of the walls 6 and 7 to form a shoulder upon which the cover 9 will rest and permit the same to come flush with the outer walls 6 and 7. In order to hingedly connect the cover 9 to the box, a flexible strip 10 is secured to the same and glued or otherwise fastened between one of the inner and outer walls 2 and 5. For the purpose of locking the cover shut I provide a metal strip 11 secured to the cover 9 and having an extension 12 provided with a lip adapted to enter the recess 13 formed in one of the outer walls 7.

In the modified form of my invention I have eliminated the outer shell 5 and have provided a reinforcing wall 14 which abuts the end wall 3 of the box 1 and is secured thereto by an adhesive or other suitable means. In this form the end walls 3 extend above the side walls 2 while the reinforcing walls 14 are flush with the side walls 2. This will form a shoulder to support the cover of the box which will be flush with the end wall 3 as in the other form of my invention.

From the foregoing description taken in connection with the drawings it will be obvious that a very simple, economical, and durable box has been provided which due to the double wall construction will prevent warping and at the same time will permit a light inexpensive stock to be used.

I claim:

A paper box comprising an inner member having integral bottom and side walls, means binding the adjacent vertical edges of said side and end walls, an outer shell having
side and end walls surrounding and extending upwardly beyond the side and end walls of said inner member and secured thereto, and a flat cover adapted to rest upon the side and end walls of said inner member and within said outer member, said cover having a flexible hinge flap secured between the side walls of said inner member and said outer shell.

In testimony that I affirm the foregoing I have hereunto set my hand at Oshkosh, in the county of Winnebago, and State of Wisconsin.

CASPER FAUST.