Dec. 15, 1936. C. ROSSUM 2,064,321

PACKAGE

Filed Dec. 27, 1935

Fig. 1

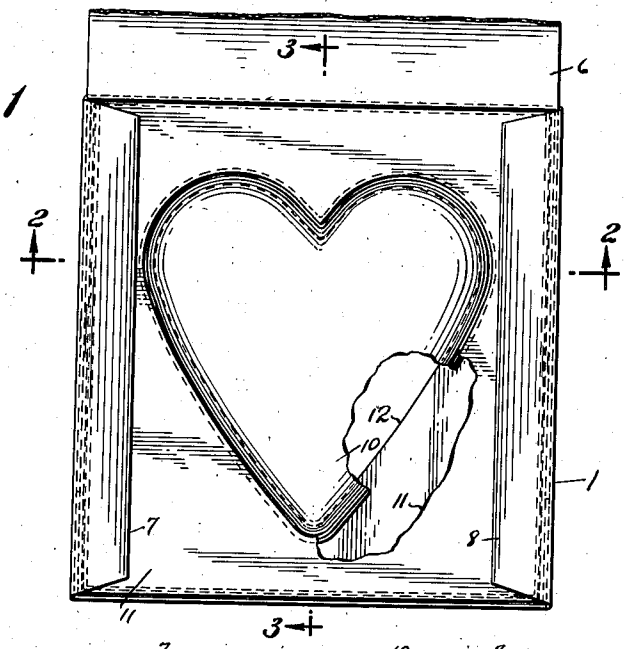


Fig. 2

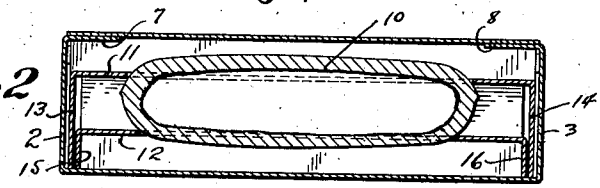


Fig. 3

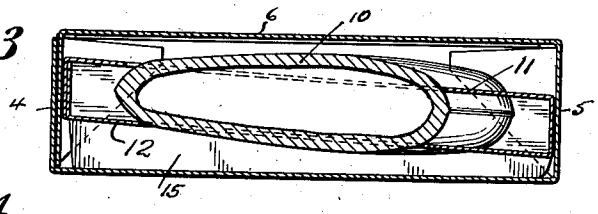


Fig. 4

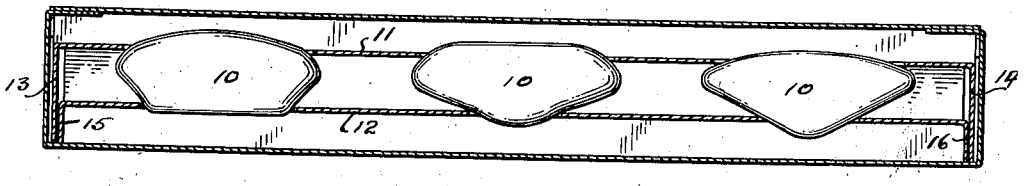
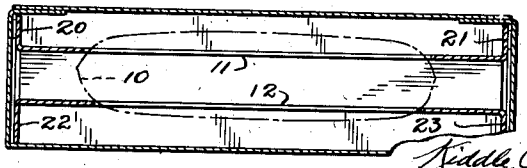


Fig. 5



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UNITED STATES PATENT OFFICE

2,064,321

PACKAGE

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Application December 27, 1935, Serial No. 56,307

1 Claim. (Cl. 229—28)

This invention relates to packages and is particularly directed to boxes for packing articles for display or shipment. The invention is applicable to various types of boxes, such as folding, set-up, corrugated, etc. More specifically the invention contemplates the provision in such boxes of a novel platform for resiliently or yieldingly suspending the articles in the boxes.

It is one of the objects of my invention to provide a package or carton of the character indicated wherein a cushioning effect is obtained which is of particular advantage especially in packing fragile articles such as hollow candy, for example, for shipment. In packages for such articles as at present constructed wherein no resiliency or cushioning effect is provided for the article the breakage in transit is enormous.

Another object of my invention is the provision of a platform having two floors supported in spaced relation in a folding paper box or carton out of contact with the top and bottom of the carton whereby the article supported by the platform will be cushioned and maintained out of contact with the top and bottom of the carton.

Further objects of my invention will be manifest from the following description and the accompanying drawing in which drawing:

Fig. 1 is a plan view of my improved package with an article therein;

Fig. 2 is a sectional view on line 2—2 of Fig. 1;

Fig. 3 is a sectional view on line 3—3 of Fig. 1;

Fig. 4 is a sectional view of a package similar to that of Fig. 1 except that the package of this figure accommodates a plurality of articles; and

Fig. 5 is a modification of my improved package.

Referring to the drawing in detail, 1 designates a paper box or carton shown as of the folding variety having side walls 2 and 3, end walls 4 and 5 and a cover 6. The side walls are provided with flanges 7 and 8, respectively, at their top edge.

Within the box is my improved platform which comprises an upper floor 11 and a lower floor 12 disposed in spaced relation. These floors are of fairly light weight cardboard or other suitable yielding material. The upper floor 11 is provided with side flanges 13 and 14 which are folded downwardly and engage or rest upon the bottom of the carton. The lower floor 12 likewise is provided with side flanges 15 and 16 which extend downwardly to the bottom of the box. It will be seen that these side flanges maintain the floors 11 and 12 out of contact with the bottom of the box and it will be appreciated that the overlapping of each pair of flanges serves to reinforce the sides of the platform.

The upper floor 11 of the platform is provided with an opening of such size and shape as to accommodate the article. In other words, this opening should be large enough to permit of insertion of the article and yet engage the periphery of the article after insertion. It will be noted from Figs. 2, 3 and 4 that the opening in the upper floor 11 is slightly smaller than the larger diameter of the article 10 so that the article will be retained in the platform should the box or carton 1 be inverted.

The lower floor 12 of the platform likewise has an opening in vertical alignment with the opening in the floor 11. This opening, however, is of small dimensions so as to permit of the article being seated therein.

The platform is made a tight fit in the box 1 or if desired the same may be pasted in the box. Also if desired the flanges of the two floors of the platform may be pasted together.

It will be appreciated from the foregoing that I have provided a package wherein articles may be resiliently suspended out of contact with the top and bottom of the package, whereby the danger to breakage in transit is prevented.

Referring to Fig. 3 it will be noted that the platform is inclined. This inclination is due to the side flanges 13, 14 and 15, 16 being tapered and is for the purpose of accommodating articles of irregular shape, such for instance an article as illustrated in Fig. 3 in which one end is thicker than the other.

In the package illustrated in Fig. 4 the construction is the same as the package of Fig. 1 with the exception that a plurality of articles are shown supported on the platform.

In the modification illustrated in Fig. 5 I have turned the side flanges 20 and 21 of the upper floor of the platform upwardly so as to contact the cover of the box or carton while the flanges 22 and 23 of the lower floor remain in contact with the bottom of the box, as further insurance against contact of the article with the top and bottom of the box.

It is to be understood that while I have mentioned hollow candy as an article which may be packed in my improved package that I do not wish to confine my invention to the packaging of such articles as obviously my improved package can accommodate manifold articles such as chinaware, glassware, bric-a-brac, globes, and in fact any fragile article.

It is also to be understood that various changes

and modifications may be made in the structure herein illustrated without departing from the spirit and scope of my invention.

What I claim is:—

In a carton having side walls, end walls a bottom and a cover the combination of a platform comprising a single sheet of resilient material folded to provide an upper floor and a lower floor spaced from each other by a vertical wall on one end and a vertical wall on the other end, the latter wall being formed by overlapping a flange depending downwardly from said upper floor and a flange projecting upwardly from the lower floor, the height of said vertical walls being equal to the spacing between said floors, side flanges extending downwardly from each of said floors and overlapping each other to support said platform on the bottom of said carton, said floors being in superimposed relation and each being provided with vertically aligned openings to support an article the diameter of which intermediate said floors being greater than the diameter of either of said openings whereby to resiliently support said article between said floors.

CHARLES ROSSUM.