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A. J. WEISS

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CARTON

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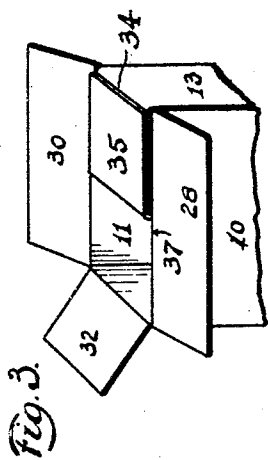
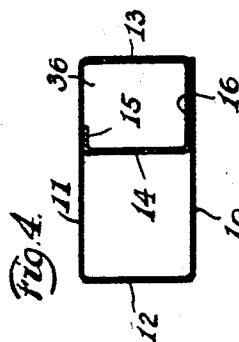
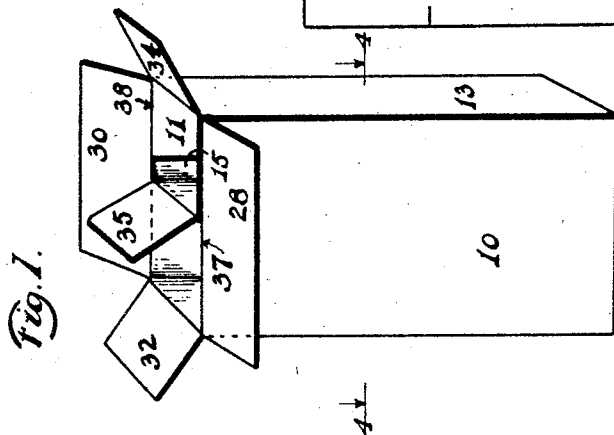
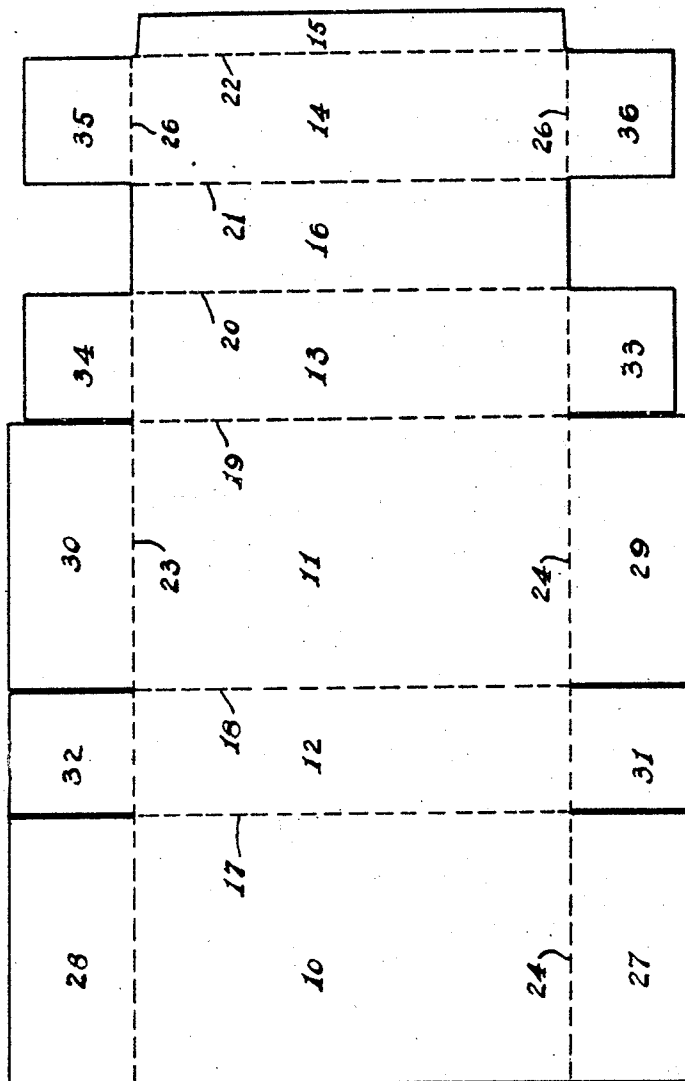


Fig. 2.



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# UNITED STATES PATENT OFFICE

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## CARTON

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This invention relates to containers, cartons, cases or boxes, and has particular reference to foldable or collapsible containers in which a single blank of material is effective to form multiple or compound compartments.

Containers of this general type have heretofore been constructed, and limited different materials have been housed in adjoining compartments, but in view of hitherto insurmountable obstacles, and features which have not given complete satisfaction, one of the objections of this invention is the provision of a device of the above described character in which adjoining compartments are so arranged as to effectively house any materials with immunity to the passage thereof from one of such compartments to another.

The subdivisions or compartments of the present device accommodate such materials as chemicals, cosmetics, finely ground powders, or cereals. The structure includes opposed side walls, that is to say, front and rear walls, a partition, and flaps; and another object is to so dispose at least one of the flaps, as a feature of the invention, that it is impossible for the materials to move from one of the compartments to another, said flap being carried by the partition.

The device includes opposed lateral walls, between said first walls, and each of both carries at its opposed ends a single one of said flaps, thereby contributing to the formation of a neat and symmetrical organization, to secure a further object of the invention.

Opposed top and base ends are formed in the closed position of the device, by the said flaps, and the novel manner of providing one of the latter on each of said walls, including the partition, is an advantage, since said flaps form guides or a filling spout at the top end of the container, and the central or partition flap may be inclined, from a vertical position, over either of two compartments, which are formed by the partition, for this latter purpose.

With the above indicated objects and advantages in view, and others which will hereinafter appear, the essential features of the

invention are herein clearly described, and fully illustrated in the accompanying drawing, in which:

Fig. 1 is a perspective of my improved container.

Fig. 2 is a plan view of the inner surface of a blank of material out of which the container is formed.

Fig. 3 is a fragmentary perspective; and

Fig. 4 is a horizontal sectional view taken on the line 4—4 of Fig. 1.

Similar characters of reference are applied to corresponding parts throughout the several views.

The body of the container, which is of cardboard or pasteboard, and may be of any other suitable material, includes front and rear walls or sections 10, 11, between which, in the set up condition of the device are opposed lateral walls 12, 13; and continuous with a partition 14 is an attaching flap 15 and also an attaching wall or portion 16, which is continuous with said wall 13.

To render the container easy to set up and foldable in substantially one direction, the aforesaid walls and flaps are formed in part by striking the blank on one of its sides with parallel, longitudinal score lines 17, 18, 19, 20, 21 and 22.

Parallel transverse score lines, generally designated 23 and 24, and continuations of these latter lines, as shown at 25 and 26, are also struck into the blank, preferably simultaneously with the first mentioned score lines. Aligned with the opposite ends of the score lines 17—19 are cuts, as shown; and aligned with the opposite ends of the score lines 20—22 are edges of the material, also as shown, so that continuous with the opposite ends of the respective front and rear walls are flaps 27, 28, and 29, 30; and on the opposite ends of the lateral walls are flaps 31, 32, and 33, 34.

The score lines 25, 26 provide on the partition 14 top and base flaps 35 and 36. The flaps 27, 31, 29, 33, on which is suitably provided an adhesive or attaching material, not shown, form a base end for the container, and on this end, within the device, the base flap 36 is also attached. The attaching por-

tions 15, 16 of the partition are also provided with adhesive material for attaching the same to the aforesaid front and rear walls.

In filling the device with any material to be contained therein, the flaps 28, 32, 30, 34, which are closure flaps for the top end of the container, serve as filling guides, and the top flap 35, which may be conveniently inclined to or from either of the compartments 37, 38, serves for the same purpose. The compartment or carton 38 is shown, in the present instance, as being about the same size as the other compartment, but this is merely illustrative, and the said carton is usually small or of different size, in practice.

The flap 35, which is shown in Fig. 3 as being placed on top of the flap 34, positively prevents movement of material carried in the compartments from one of the latter to the other. At least one of these last mentioned flaps, as well as certain faces of the other top flaps, are provided with adhesive material as hereinbefore referred to.

Any quantity of the blanks may, of course, be stacked or kept in flat condition, ready for use, and blanks may also be stacked or kept flat and in partly folded condition; that is to say with the attaching portions 16 and 15 pasted to the respective front and rear walls, and with the base and top flaps unfolded.

Variations may be resorted to within the scope of the invention and one or more parts of the structure may be omitted.

What I claim is:

1. A container including opposite walls and intermediate walls joining said opposite walls; a partition the same size and shape as, and parallel to, said intermediate walls, secured to and between said opposite walls, to form compartments; inner flaps on said intermediate walls, at least one of which extends to said partition and forms a covering flap adapted to entirely cover the adjacent compartment; a flap on said partition disposable over said adjacent compartment and adapted to engage said cover flap and extend substantially to the intermediate wall carrying said cover flap; and outer flaps on said main walls respectively each adapted to be superposed over and entirely cover the other flaps.

2. A container including opposite walls and intermediate outer walls joining said opposite walls; a partition the same size and shape as, and parallel to, said intermediate walls, secured to and between said opposite walls, to form compartments; inner flaps on said intermediate walls, at least one of which extends to said partition and forms a covering flap adapted to entirely cover the adjacent compartment; a flap on said partition disposable over said adjacent compartment and adapted to engage said cover flap and extend substantially to the intermediate outer wall of said compartment; and outer

flaps on said main walls respectively each adapted to be superposed over and entirely cover the other flaps, whereby one of said compartments may be entirely covered with four thicknesses of flaps.

3. A container including opposite walls and intermediate walls joining said opposite walls; a partition the same size and shape as, and parallel to, said intermediate walls, secured to and between said opposite walls, to form compartments; inner flaps on said intermediate walls, at least one of which extends to said partition and forms a covering flap adapted to entirely cover the adjacent compartment; a flap on said partition disposable over said adjacent compartment and adapted to engage said cover flap and extend substantially to at least one of the intermediate walls; and outer flaps on said main walls respectively each adapted to be superposed over and entirely cover the other flaps, whereby one of said compartments may be entirely covered with four thicknesses of flaps, the fold lines of said cover flap, the outer flaps and the flap of said partition cooperating to form a complete rectangle.

4. A container including main walls and lateral walls joining the main walls; a partition the same size and shape as, and parallel to, the lateral walls, secured to and between the main walls, to form compartments; inner flaps on said lateral walls, at least one of which flaps forms a covering flap to entirely cover the adjacent compartment; a single intermediate flap on said partition and adapted to engage the entire covering flap and to extend as far as the adjacent lateral wall carrying the cover flap; and outer flaps on said main walls respectively each adapted to entirely cover the outer flaps, and to press the side edges of the covering and intermediate flaps and the free edge of the covering flap into the adjacent compartment and into engagement with the partition and adjacent walls, thereby to render said adjacent compartment sift proof, to prevent spilling or mixing of material therein.

5. A container including main walls and lateral walls joining the main walls; a partition the same size and shape as, and parallel to, the lateral walls, secured to and between the main walls, to form compartments; inner flaps on said lateral walls, at least one of which flaps forms a covering flap adapted to entirely cover the adjacent compartment; a single intermediate flap on said partition and adapted to entirely cover the covering flap and to extend as far as the adjacent lateral wall, thereby to direct entirely exterior to the package any material that may work to and from the space between the intermediate and covering flaps; and outer flaps on said main walls respectively each adapted to entirely cover the other flaps.

6. A container including opposite walls

and intermediate walls joining said opposite walls; a partition the same size and shape as, and parallel to, said intermediate walls, secured to and between said opposite walls, to  
5 form compartments; inner flaps on said intermediate walls, at least one of which extends to said partition and forms a covering flap adapted to entirely cover the adjacent compartment; a single flap on said partition dis-  
10 posable over either compartment and adapted to engage and cover said cover flap and extend substantially to at least one of the intermediate walls; and outer flaps on said main walls respectively each adapted to be  
15 superposed over and entirely cover the other flaps.

7. A container including main walls and lateral walls joining the main walls; a partition the same size and shape as, and parallel  
20 to, the lateral walls, secured to and between the main walls, to form compartments; inner flaps on said lateral walls, at least one of which flaps forms a covering flap to entirely cover the adjacent compartment; a single  
25 intermediate flap on said partition and adapted to entirely cover the covering flap and to extend as far as the adjacent lateral wall, thereby to direct entirely exterior to the package any material that may work to and  
30 from the space between the intermediate and covering flaps; and outer flaps on said main walls respectively each adapted to entirely cover the other flaps, whereby one of said compartments may be entirely covered with  
35 four thicknesses of flaps having their fold lines cooperating to form a complete rectangle; the other flaps being adapted to press the side edges of the covering and intermediate flaps and the free edge of the cover-  
40 ing flap into the adjacent compartment and into engagement with the partition and adjacent walls.

Signed at New York city in the county of New York and State of New York this 1st  
45 day of December 1931 A. D.

ARTHUR J. WEISS.

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