

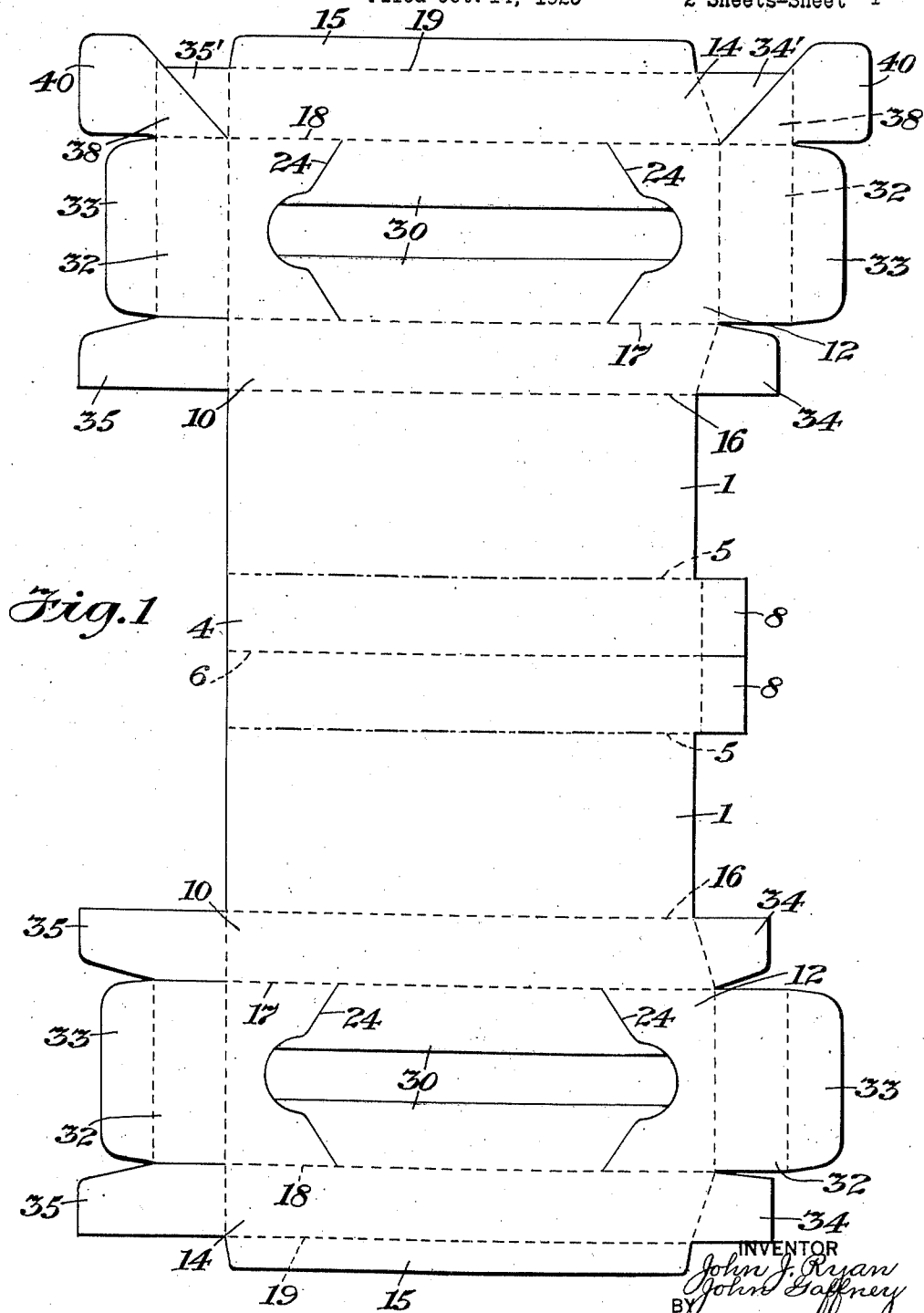
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J. J. RYAN ET AL

DISPLAY CONTAINER

Filed Oct. 14, 1925

2 Sheets-Sheet 1



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Aug. 7, 1928.

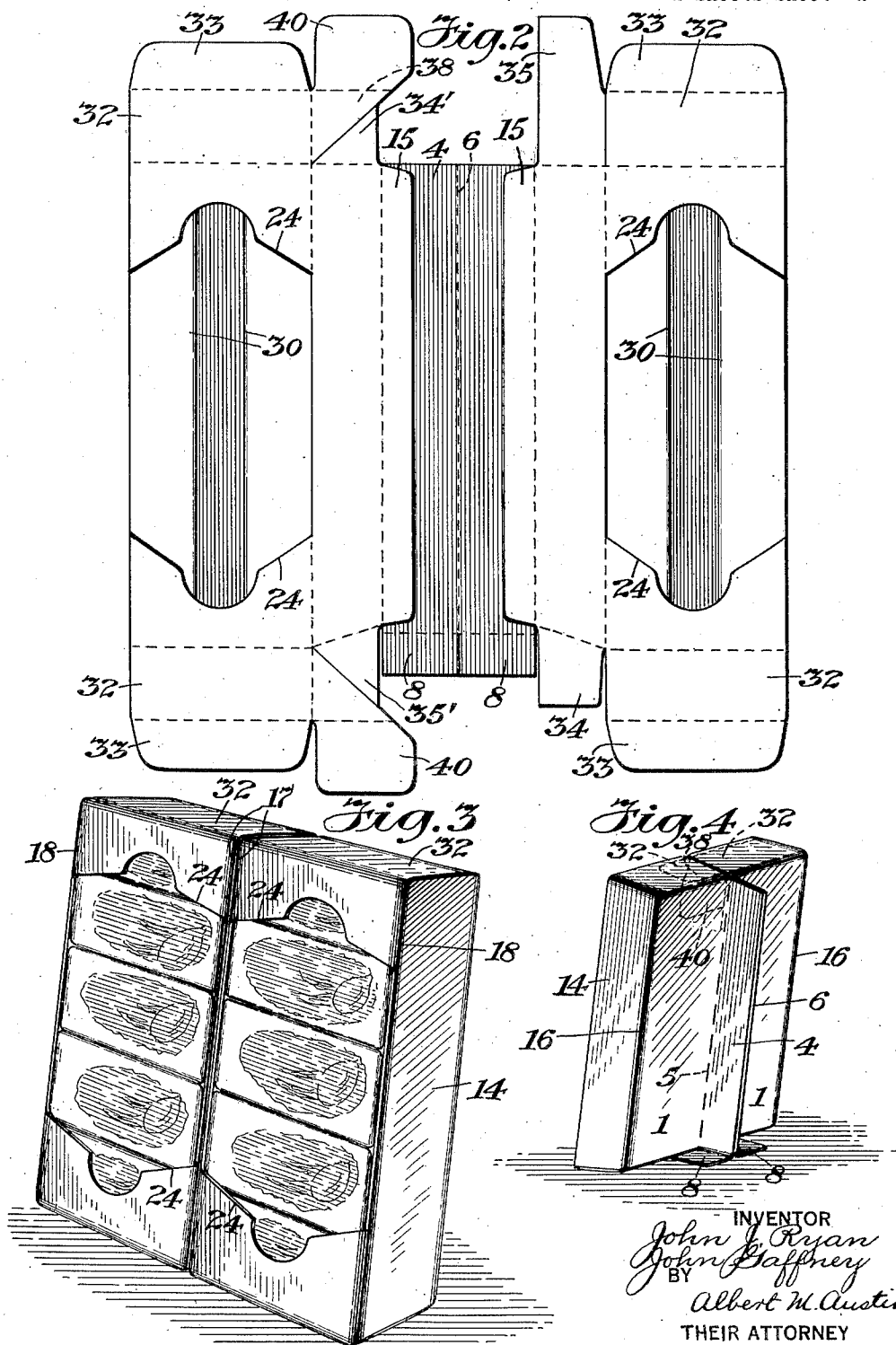
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2 Sheets-Sheet 2



UNITED STATES PATENT OFFICE.

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NATIONAL FOLDING BOX COMPANY, OF NEW HAVEN, CONNECTICUT, A CORPORATION OF NEW JERSEY.

DISPLAY CONTAINER.

Application filed October 14, 1925. Serial No. 62,340.

Our present invention relates to a container for displaying the contents thereof which will have incorporated with it means by which the container may be supported in an upraised position for more effectively exhibiting the goods; and to provide such supporting means in the form of a simple, inexpensive auxiliary which will not interfere with the handling of the container, which will be out of the way when not in use, which can be easily made operative for use and which will be strong, secure and capable of supporting relatively heavy contents. The invention relates further to such a container formed in two compartments, side by side, which compartments are joined by means which is utilized as the above described supporting means.

In the drawings accompanying and forming part of this specification a practical embodiment of the invention is illustrated wherein the desired results are attained by certain novel features of construction, combinations and relations of parts as herein after defined and claimed.

Fig. 1 is a plan view of a form of one piece box blank from which the container may be made;

Fig. 2 is a plan view of the blank shown in plan in Fig. 1 after it has been folded to form two compartments, the compartments being shown in this view as having their ends opened up and the compartments flattened out into the same plane as their connecting member for the purpose of making the blank occupy a minimum amount of space for shipping;

Fig. 3 is a perspective view showing the front of the assembled and filled container mounted in a substantially upright position for the display of its contents; and

Fig. 4 is a perspective view showing the back of the assembled and mounted container and showing the joining member between the two compartments as formed into means for supporting the container in a substantially vertical position.

The important novel features of the box illustrated are that it is in the form of a folding carton and made in two compartments from a single or one-piece blank with a joining member therebetween which is used as a means for supporting the assembled carton in the display position.

The blank as shown in Fig. 1 consists of two back portions 1, 1 joined along adjacent sides by an intermediate strip 4, scorings 5, 5 being provided between said member 4 and each of said back members 1, and a scoring 6 being provided longitudinally through the middle of said member 4. At one end of said intermediate member 4 there is provided the tabs 8, 8, one on each side of said scoring 6. Joined with each of said back members 1 and extending therefrom consecutively is the side member 10, the front member 12, the side member 14 and the fastening tabs 15, scorings 16, 17, 18 and 19 being provided in each case for bending the blank between several parts of the respective compartments.

The edges of said side members 10, 10 and 14, 14 which are adjacent said back members 1, 1 are shorter than the corresponding edges which are adjacent said front members 12, 12. The edges of the backs, fronts, and sides which will be at the top of the container when it is assembled and mounted for display are in a common straight line in the blank as shown in Figs. 1 and 2. The "bottom" edges of the backs 1 are inset from the "bottom" edges of the fronts 12 in the blanks. To give added strength for supporting the container the member 4 is made to extend a short distance beyond the bottom edges of backs 1, 1 so that the scoring 2, 2 between it and the tabs 8, 8 is made at a little distance from said bottom edges.

Said fronts 12, 12 have openings formed therein by cuts 24, 24 extending thereacross and parallel longitudinal cuts therebetween. Said longitudinal cuts are made at a distance from the scorings 17 and 18 equal to the width of said sides 10 and 14 whereby there is formed tabs 30, 30 which are adapted to be folded inwardly against the inner surfaces of the respective sides 10 and 14 for adding to the strength and rigidity of the assembled and loaded container. Said cuts 24, 24 are formed so that at the side edges of the members 12 they are nearer the transverse center line thereof than they are at the middle whereby said front members 12 are formed to give maximum strength at the sides of the compartments of the container and also to provide maximum extent longitudinally of the opening in the front for proper display of the contents thereof.

In the particular style of carton illustrated, the front members 12, 12 have formed thereon at each end the members 32, 32 for closing the ends of the respective compartment, the tabs 33, 33 serving for tucking into the box or compartment for holding the respective end members 32, 32 in place. Co-operating with members 32 and 33 for closing the ends are the side tabs 34, 34, 34' at the bottom end and 35, 35, 35' at the top which fold into place under the corresponding end member 32.

The other compartment section of the carton blank is, in the example shown in the drawings, provided with means for locking the two compartments of the carton together, side by side, in the assembled form thereof. This means consists of a tab 38 formed on that side edge of each of the members 32, 32 on one of the compartments which will be adjacent the other compartment in the assembled carton. Each of the tabs 38, 38 carries a locking tab or lug 40, 40 on its outer lateral edge. Scorings or creases 42, 42 are provided between tabs 38, 38 and their respective tabs 40, 40. In the assembled carton the tabs 38, 38 lie under the members 32, 32 of the other compartment and the lugs or tabs 40, 40 are turned downwardly alongside the back member 1 of said other compartment, tabs 33 and 34 thereof serving to hold said tabs 40, 40 in locking position.

As shown in Fig. 2 the compartments are formed by folding the blank along the creases 5, 16, 17, 18, and 19, and with creases 5 and 19 coinciding. The tabs 15, 15 are laid on the member 4 and are pasted or glued or otherwise fastened thereto. In this position or form the carton is ready for assembly but is left flat for shipment to the manufacturer or other handler of goods to be displayed therein who assembles and fills them.

In the assembly of the carton the compartment having the tabs 38—40 is first assembled, the said tabs 38—40 being left projecting laterally from their respective end members 32, 32. The tabs 34 and 35 of the other compartment are folded into place and the respective tab 38 folded thereonto with the corresponding tab 40 folded at right angles and positioned along the inner surface of the back member 1 of said other compartment. The end members 32, 32 of said other compartment are then folded into place with their respective tabs 33, 33 tucked into securing position. To bring the two compartments alongside each other into the assembled position of the carton the member 4 is folded outwardly along the scoring 5, 5 and 6 to bring the two portions thereof against each other and to bring the easel or supporting member formed thereby to a position at right angles to the backs of the two compartments which backs are aligned when the compartments are locked together in the manner

above described. (See Fig. 4.) In the mounted or display position the tabs 8, 8 are bent into the plane of the bottom of the carton to assist in the support thereof.

For occupying minimum space in the shipment of the filled carton the supporting member 4 is folded to one side against the back of one of the compartments and the tabs 8, 8 folded along the bottom of the carton.

While we have shown and described and have pointed out in the annexed claims certain novel features of our invention, it will be understood that various omissions, substitutions and changes in the forms and details of the device illustrated and in its operation may be made by those skilled in the art without departing from the spirit of our invention.

We claim:—

1. A display container comprising two compartments and a joining member therebetween having portions bent back upon themselves adapted to support the container in display position and foldable into flat engagement with the container, said portions being respectively connected to said compartments.

2. A display container comprising two compartments and a joining member integrally connected therewith and extensible from a flat non-supporting position into a position in which it is adapted for supporting the container in a display position, said joining member comprising portions bent back upon themselves and respectively connected to said compartments.

3. A display container having a plurality of compartments and joining means therebetween having portions bent back upon themselves adapted to support the container in a display position, said portions being respectively connected to said compartments.

4. A display container comprising two compartments, means for locking the two compartments in juxtaposition, and means integrally connected with both compartments having portions bent back upon themselves adapted to support the container in a display position, said portions being respectively connected to said compartments.

5. A display container of pasteboard or the like comprising two separate compartments and a joining member therebetween having portions foldable back upon themselves to bring the compartments into juxtaposition and adapted to support the container in a display position.

6. A display container of pasteboard or the like comprising two separate compartments, means for locking the compartments in side by side relation and means integrally connected with both having portions foldable back upon themselves, adapted to support the container in a display position.

7. A display container of pasteboard or the like comprising two separate compartments, means for locking the compartments in side by side relation and means integrally connected with both having portions foldable back upon themselves, adapted to support the container in a display position and foldable into flat engagement with the container.

8. A display container of cardboard or the like comprising a compartment having front, back, top, bottom and side members, said front member having flaps formed therefrom adapted to be folded against the inner surfaces of said sides, respectively, for strengthening the compartments and for forming display openings in said front members.

9. A display container of cardboard or the like comprising a plurality of separate compartments each having front, back, top, bottom and side members, said front member having flaps formed therefrom adapted to be folded against the inner surface of said sides, respectively, for strengthening the compartments and for forming display openings in said front members and a joining member between adjacent compartments adapted to be folded to form a support for said container in the display position.

10. A display container of cardboard or the like comprising a plurality of separate compartments each having front, back, top, bottom and side members, said front member having flaps formed therefrom adapted to be folded against the inner surface of said sides respectively, for strengthening the compartments and for forming display openings in said front members, and a joining member between adjacent compartments adapted to be folded to form a support for said container in the display position and means for securing adjacent compartments together in side by side position.

11. A display container of cardboard or the like comprising a plurality of separate compartments each having front, back, top, bottom and side members, said front member having flaps formed therefrom adapted to be folded against the inner surface of said sides, respectively, for strengthening the compartments and for forming display openings in said front members, and a joining member between adjacent compartments adapted to be folded to form a support for said container in the display position and means for securing adjacent compartments together in side by side position, said securing means consisting of tabs formed on one of said compartments and adapted to be held in securing position between members of an adjacent compartment.

12. A one piece blank of cardboard or the like for a display container comprising two compartments and a joining member there-

between having portions adapted to be bent back upon themselves, and adapted to support the container in display position.

13. A one piece blank of cardboard or the like for a display container comprising two compartments and a joining member integrally connected therewith having portions adapted to be bent back upon themselves and extensible from a flat non-supporting position into a position in which it is adapted for supporting the container in a display position.

14. A one piece blank of cardboard or the like for a display container comprising a plurality of separate compartments each having front, back, top, bottom and side members, said front member having flaps formed therefrom adapted to be folded against the inner surface of said sides, respectively, for strengthening the compartments and for forming display openings in said front members, and a joining member between adjacent compartments adapted to be folded to form a support for said container in the display position.

15. A one piece blank of cardboard or the like for a display container comprising a plurality of separate compartments each having front, back, top, bottom and side members, said front member having flaps formed therefrom adapted to be folded against the inner surface of said sides, respectively, for strengthening the compartments and for forming display openings in said front members, and a joining member between adjacent compartments adapted to be folded to form a support for said container in the display position and means for securing adjacent compartments together in side by side position.

16. A one piece blank of cardboard or the like for a display container comprising a plurality of separate compartments each having front, back, top, bottom and side members, said front member having flaps formed therefrom adapted to be folded against the inner surface of said sides, respectively, for strengthening the compartments and for forming display openings in said front members, and a joining member between adjacent compartments adapted to be folded to form a support for said container in the display position and means for securing adjacent compartments together in side by side position, said securing means consisting of tabs formed on one of said compartments and adapted to be held in securing position between members of an adjacent compartment.

17. A display container of folded cardboard or the like comprising two compartments having front display openings and a connecting member between said containers, said containers having their bottoms sloped whereby the containers present a

tilted display face when in display position, said connecting member being adapted to be folded to form a support for the carton when in the display position.

- 5 18. A display container of folded card-board or the like comprising two compartments having front display openings and a connecting member between said containers foldable to bring said containers into side
10 by side position, said containers having their bottoms sloped whereby the containers present a tilted display face when in display position, said connecting member being adapted to be folded to form a support for
15 the carton when in the display position.

19. A display container of folded card-

board or the like comprising two compartments having front display openings and a connecting member between said containers foldable to bring said containers into side
20 by side position, and means for securing said containers in side by side position, said containers having their bottoms sloped whereby the containers present a tilted display
25 face when in display position, said connecting member being adapted to be folded to form a support for the carton when in the display position.

In testimony whereof we have hereunto set our hands.

JOHN J. RYAN.
JOHN GAFFNEY.