

1,002,633.

A. M. BOOS.
DISPLAY CARTON.
APPLICATION FILED DEC. 30, 1910.

Patented Sept. 5, 1911.

2 SHEETS—SHEET 1.

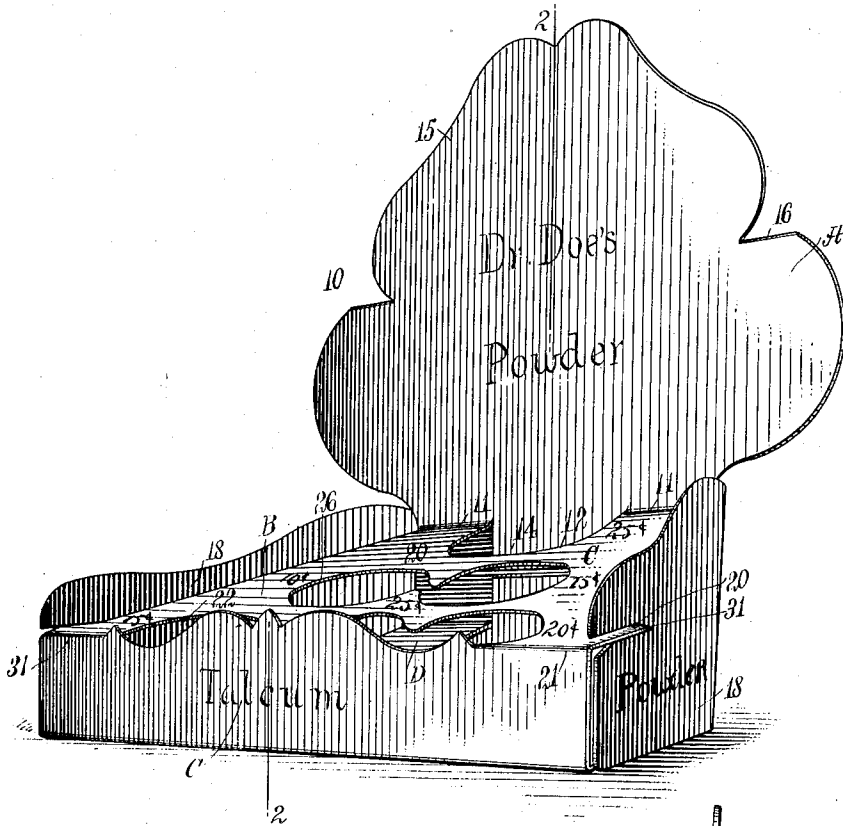
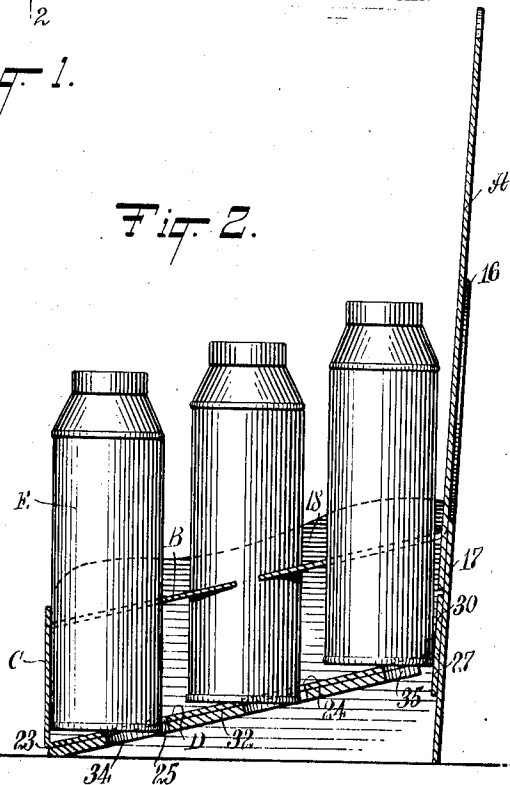


Fig. 1.

Fig. 2.



WITNESSES:

George Bumbay
John K. Brachvogel

INVENTOR
A. M. Boos
BY *Memmelo*
ATTORNEYS

1,002,633.

A. M. BOOS.
 DISPLAY CARTON.
 APPLICATION FILED DEC. 30, 1910.

Patented Sept. 5, 1911.

2 SHEETS—SHEET 2.

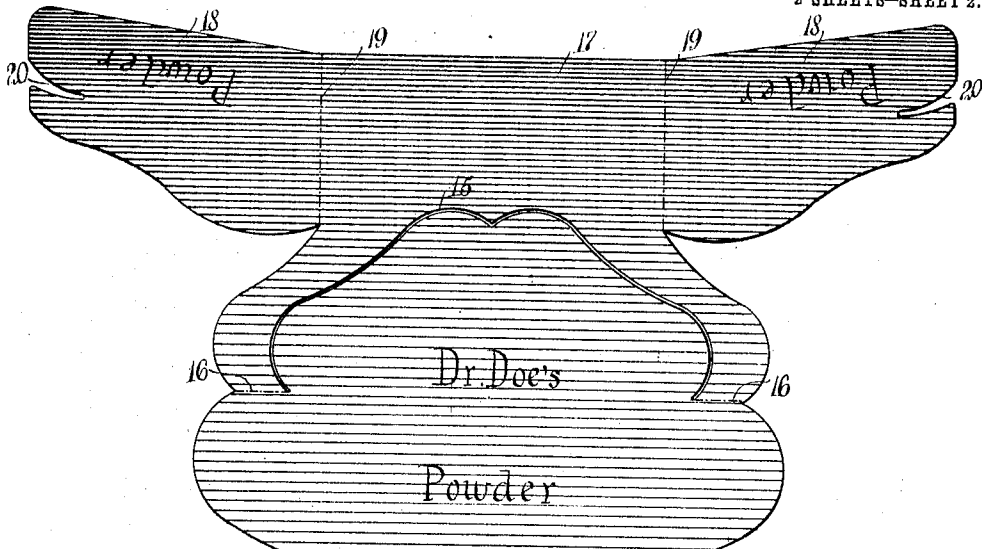


Fig. 3.

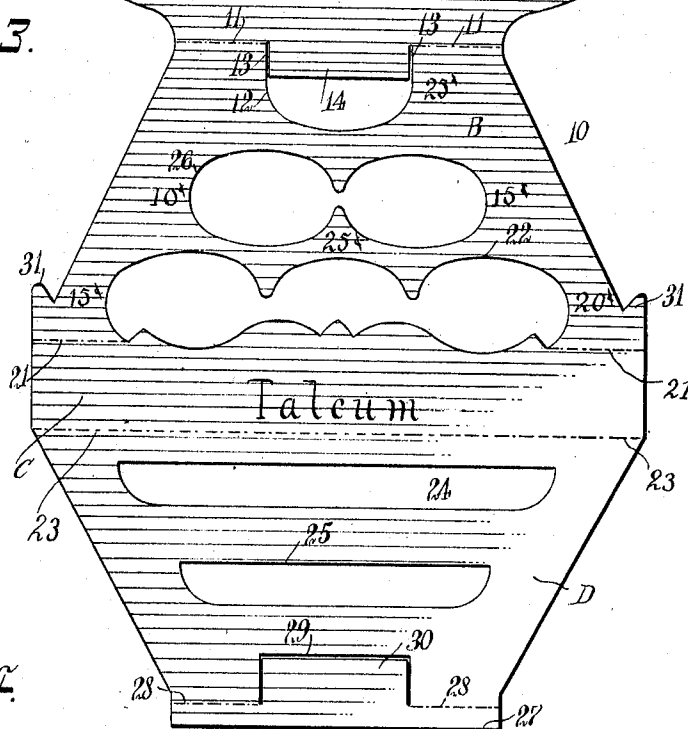


Fig. 4.

WITNESSES:
George Bambo,
John K. Braden,

INVENTOR
Arthur M. Boos
 BY *Munroe*
 ATTORNEYS

UNITED STATES PATENT OFFICE.

ARTHUR M. BOOS, OF BOSTON, MASSACHUSETTS.

DISPLAY-CARTON.

1,002,633.

Specification of Letters Patent.

Patented Sept. 5, 1911.

Application filed December 30, 1910. Serial No. 600,135.

To all whom it may concern:

Be it known that I, ARTHUR M. BOOS, a citizen of the United States, and a resident of Jamaica Plain, Boston, in the county of Suffolk and State of Massachusetts, have invented a new and Improved Display-Carton, of which the following is a full, clear, and exact description.

This invention relates to display cartons, and has reference more particularly to a device of the class described, comprising a back, sides, a front, a top having an opening to receive the articles to be displayed, and an inclined bottom having gaps adapted to engage the lower ends of the articles, to assist in holding the same in position.

The object of the invention is to provide a simple, strong and durable display carton, which can be used for displaying small articles of different kinds, in shop windows and the like, which is attractive in appearance, upon which advertising or other printed matter can be placed, which is foldable, which can be fashioned from a single blank, which when knocked down or opened can be packed in small bulk for shipment or storage, and which can be easily set up and taken apart.

The invention consists in the construction and combination of parts to be more fully described hereinafter and particularly set forth in the claims.

Reference is to be had to the accompanying drawings forming part of this specification, in which similar characters of reference indicate corresponding parts in all the views, and in which—

Figure 1 is a perspective view of an embodiment of my invention showing the carton set up; Fig. 2 is a transverse section on the line 2—2 of Fig. 1, showing a number of small cans displayed in the carton; Fig. 3 is a plan view of a blank from which the carton is formed; and Fig. 4 is a reinforcing blank used in connection with my carton.

Before proceeding to a more detailed explanation of my invention, it should be clearly understood that while I prefer to fashion the carton from heavy cardboard,

any other material, such as sheet metal or the like, which is adapted for the purpose, can be employed. Certain of the details shown for example, herewith, form no part of the invention, and can be varied in accordance with individual preference and special conditions, without departing from the underlying spirit of the invention.

Referring more particularly to the drawings, I employ a blank 10, having a part A forming the back of the carton, joined to a part B, which forms the top, the parts A and B being separated by fold lines 11 extending inwardly from the edges of the blank, and terminating at an opening 12 formed in the top. The sides of the opening 12 are extended to form lines of severance 13, between which is formed a tongue 14 projecting into the opening 12. The back is of any suitable form, and preferably has curved or scalloped and laterally extended outlines. A line of severance 15 is formed in that part of the back remote from the top B, partly coinciding with the outline of the back, and extending across the same. Fold lines 16 extend from the extremities of the lines of severance 15, to the edges of the back. The back has associated therewith an extension 17, connected to the part of the back cut off by the lines of severance 15, and forming the lower part of the back, when the part 17 is folded against the part A, as will appear more clearly hereinafter. The part 17 has lateral extensions 18 demarked therefrom by fold lines 19, and at an angle therewith. These extensions 18 form the sides of the carton. Each one has the upper edge scalloped or curved, so that it is of ornamental form, and provided at the end with a rounded and preferably tapered notch or recess 20 for a purpose to appear hereinafter.

The part B of the blank is preferably outwardly tapered from the part A. It has integrally associated therewith, a part C having an extension D. The part C is demarked from the part B, by fold lines 21 extending inwardly from the edges of the blank to a suitable scalloped opening or cut-away part 22 of the part B, joining the

opening near the front edge thereof. The parts C and D are demarked from each other by means of a fold line 23 extending from edge to edge near a slot or gap 24 5 formed in the part D. The latter has a second slot or gap 25, similar to the preceding one, but near the free end of part B. The part B of the blank has intermediate the opening 22 and the opening 12, a further 10 cutaway part or opening 26, preferably of double-ovoid form. The part D of the blank, at the free end has an extension 27 demarked therefrom by fold lines 28 which extend inwardly from the edge to a U-shaped line of severance 29 which forms a 15 tongue 30. The part B of the blank at the corners adjacent to the part D, has laterally extending spurs or projections 31.

When the carton is formed from the 20 blank, the part A, or back, is folded upward and the part 17 is folded downward against the part A. The parts 18 are forwardly disposed, with the spurs 31 engaging in the notches or recesses 20, to hold the parts in 25 position. The part C is folded downward and the part D is folded under the part C, forming the front of the carton, while the part D forms the bottom. The tongue 14 is secured by gluing or in any other suitable 30 manner, to the part 17 of the back, and the tongue 30, with the extension 27, which is disposed at substantially right angles to the bottom, is also secured by gluing or in any 35 other suitable manner to the back. Above the lower edge thereof, the back, as shown for example herewith, is so formed that the carton tapers from the front to the back, 40 with both the top and the bottom inclined upwardly to the back. The angular disposition of the parts 18 forming the sides of the carton, permits the lower edges of the sides to rest upon a supporting surface, as do the 45 lower edges of the back and the front of the carton. The openings 12, 22 and 26 are for the reception of small articles of any suitable kind, such for example, as the cans E, shown in Fig. 2. The lower ends of the 50 articles are engaged by the gaps 24 and 25 of the bottom, which thus assist in holding the articles in position. This is also true of the gap formed by the line of severance 29. The inclination of the bottom and the size 55 of the slots, prevent the articles from projecting entirely through the latter. The back and the sides of the recesses of the carton are of suitable ornamental form, as is shown in Fig. 1. The front edge of the 60 opening 22, which is scalloped, projects above the top, as is shown, as do the sides 18.

I prefer to employ a reinforcing member or blank 32 with the carton. This blank is fashioned from heavy cardboard, wood, sheet metal or the like, and forms a suitable extension in shape and size to the part D of 65 the blank 10. Said blank has gaps 33 and

34 and also has extensions 35, forming therebetween a recess or gap which corresponds to that formed by the line of severance 29. The reinforcing blank is glued or otherwise 70 secured to the bottom of the carton and strengthens the same. Its front edge 36, if so desired, may be beveled, so that it will rest evenly upon any suitable supporting surface.

Any suitable printed matter such as a de- 75 scription, an advertisement or the like, can be placed upon the carton. The construction is such that in printing upon the blank one side only of the same need be used, as the carton when folded, has the surfaces 80 available for printing formed from one side of the blank. As shown for example, the matter can be conveniently placed upon the back, the front, the sides, and the top.

Having thus described my invention, I 85 claim as new, and desire to secure by Letters Patent:

1. A display carton, fashioned from a blank comprising parts constituting respectively, the bottom, the top, and the back of 90 the carton, said last-mentioned part having an extension adapted to be folded downwardly against said back, and provided with parts constituting the sides of the carton, said blank having means whereby certain of 95 said parts can be secured together to form the carton.

2. A display carton, fashioned from a blank, comprising parts constituting respectively, the bottom, the top, and the back of 100 the carton, said last-mentioned part having an extension adapted to be folded against said back, and provided with parts constituting the sides of the carton, said sides and 105 said top having means whereby they can be secured together, said bottom having means for attaching to said extension.

3. A display carton, fashioned from a blank, comprising successive parts constituting respectively the bottom, the front, the 110 top, and the back of the carton, said back having associated therewith an extension adapted to be folded against said back, and having parts constituting the sides of the carton, said sides at the free ends having 115 gaps, said top, near the sides, having spurs adapted to be received in said gaps, said bottom having a foldable tongue adapted to be secured to said back, said top having openings adapted to receive the articles to be 120 displayed, and a reinforcing member secured to said bottom.

4. A display carton, fashioned from a blank comprising successive parts constituting respectively, the bottom, the front, the 125 top, and the back of the carton, said back having a line of severance extending partly around the same, whereby a portion of said back can be folded downwardly against said 130 back, said portion of said back having parts

constituting the sides of the carton, said
sides, at the free ends, having gaps, said top,
near the sides, having spurs adapted to be
received in said gaps, said bottom having a
5 foldable tongue adapted to be secured to
said back, said top having openings adapted
to receive the articles to be displayed.

In testimony whereof I have signed my
name to this specification in the presence of
two subscribing witnesses.

ARTHUR M. BOOS.

Witnesses:

MORRIS BOOS,
ALICE BOOS.
