

1,301,201.

Patented Apr. 22, 1919.

2 SHEETS—SHEET 1.

Fig. 1.

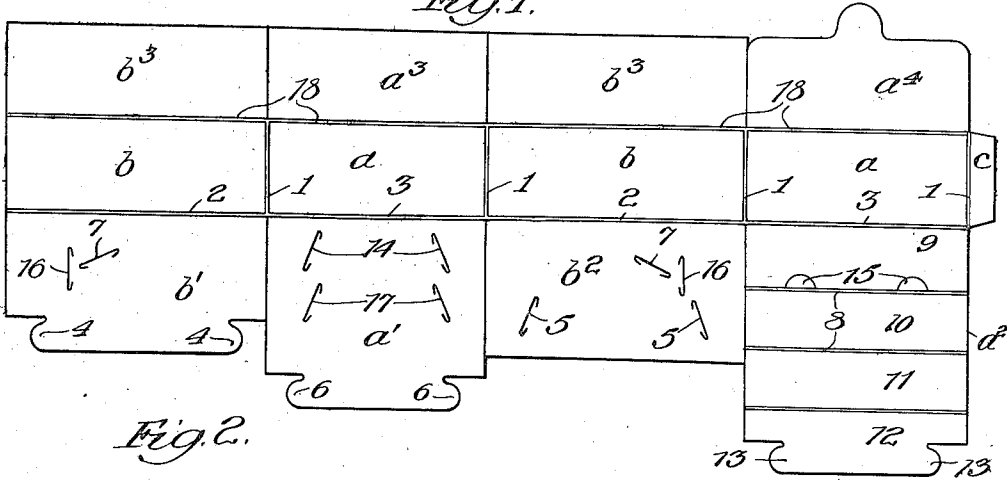


Fig. 2.

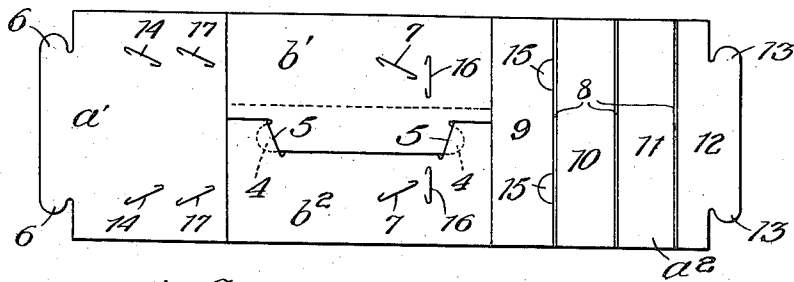


Fig. 3.

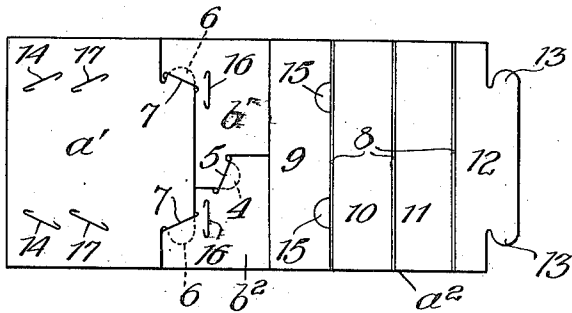
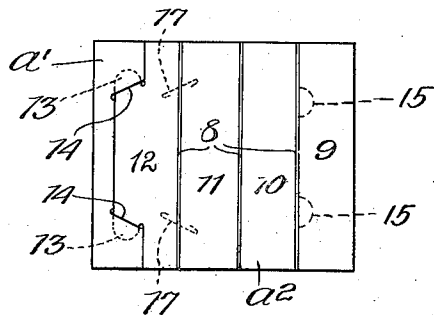


Fig. 4.



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DISPLAY BOX.
APPLICATION FILED AUG. 27, 1917.

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2 SHEETS—SHEET 2.

Fig. 5.

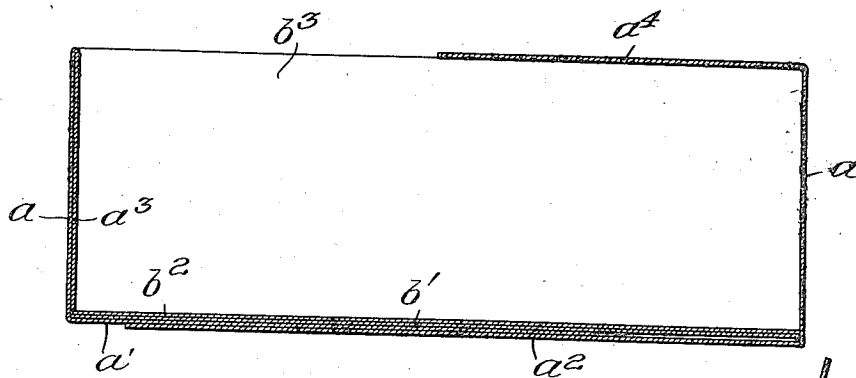
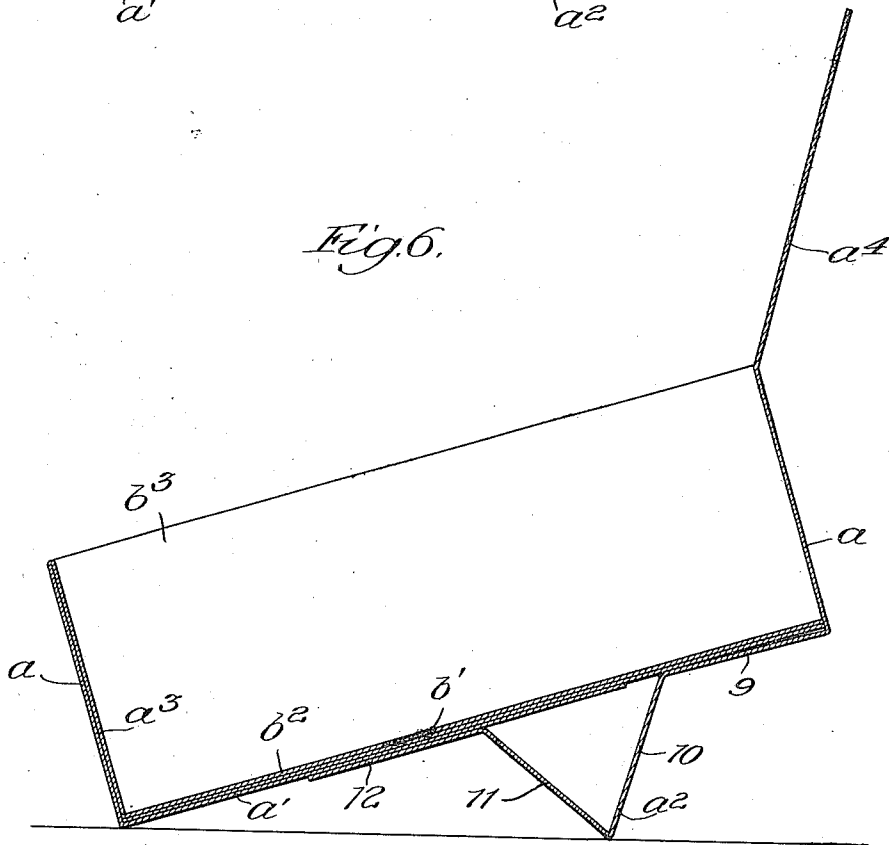


Fig. 6.



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UNITED STATES PATENT OFFICE.

PAUL WALKER, OF CHICAGO, ILLINOIS, ASSIGNOR TO CHICAGO CARTON COMPANY, OF CHICAGO, ILLINOIS, A CORPORATION.

DISPLAY-BOX.

1,301,201.

Specification of Letters Patent.

Patented Apr. 22, 1919.

Application filed August 27, 1917. Serial No. 133,315.

To all whom it may concern:

Be it known that I, PAUL WALKER, a citizen of the United States, and a resident of Chicago, county of Cook, and State of Illinois, have invented certain new and useful Improvements in Display-Boxes, of which the following is a specification.

The invention relates to paper boxes or cartons and seeks to provide a carton preferably of the folded type, of simple, strong construction and which is provided with improved means for displaying and advertising the goods contained in the carton.

In the drawings, Figure 1 is a view of the blank from which the improved carton is formed. Figs. 2, 3 and 4 are inverted plan views showing the manner of folding the box bottom. Fig. 5 is a cross section of the improved carton with the parts in folded position for shipment of the contained goods. Fig. 6 is a similar view showing the parts folded for display and advertising purposes.

The improved paper box or carton comprises a pair of side walls a and a pair of side walls b . Scores 1 form the vertical corners of the box and connect the opposite side walls a and b . The side wall a at one end of the blank is provided with an extension or tab c hinged along one of the scores 1 and, when the blank is folded intermediate its ends, the tab c is pasted to the inner face of the free end portion of the side wall b to form a tubular blank. This tubular blank can be shipped in collapsed form.

The bottom of the box is formed by flaps integral with and hinged to the lower edges of the side walls and means is provided for holding the outermost flap either parallel to the other bottom flap or flaps or with at least a portion thereof in offset position to constitute an easel-like support for holding the box in inclined position. Preferably, as shown, the opposite side walls b are provided with a pair of flaps b' and b^2 hinged thereto along the scores 2 and the other pair of opposite side walls a are provided with a pair of bottom flaps a' and a^2 hinged to the lower edges thereof along scored lines 3. The pair of flaps b' and b^2 are adapted to be interlocked to form an inner box bot-

tom and the flaps a and a^2 are adapted to be interlocked to form an outer box bottom.

In setting up the box, the inner pair of bottom flaps b' and b^2 are first folded inwardly and tongues 4 on the free edge of the flap b' are engaged with slots 5 formed in the flap b^2 adjacent its free edge. The parts are then in the position shown in Fig. 2. The flap a' is then folded inwardly and is preferably adapted to interlock with the inner pair of flaps b' and b^2 . For this purpose, the flap a' is provided at its free edge with tongues 6 which are adapted to engage with slots 7 formed in the flaps b' and b^2 adjacent the hinged edges thereof. The parts are then in the position shown in Fig. 3.

The outer or lowermost bottom flap a^2 is preferably provided with three transverse scores 8 that divide the same into four panels 9, 10, 11 and 12. The panel 12 at the free edge of the flap a^2 is provided with tongues 13 which, when the flap is folded inwardly, are arranged to engage slots 14 formed in the opposite bottom pair of flaps a' adjacent the hinged edge thereof. Preferably also, the panel 9 adjacent the hinged edge of the lowermost bottom flap a^2 is provided with a pair of semi-circular cuts located adjacent one of the scores 8 which form two tongues 15. These tongues interlock with two slits 16 formed in the inner pair of bottom flaps b' and b^2 adjacent the hinged edges thereof.

When folded, as described, the parts are in the position shown in Figs. 4 and 5. The pair of inner flaps are interlocked with each other and the pair of outer flaps are interlocked with each other and each is interlocked with the inner flaps so that a stout, double-bottom for the box is formed. In this position the panels of the outermost flap are all in line but the other outer flap a' is provided with an additional pair of slots 17 adapted to receive the tongues 13. These slots are located farther from the hinged edge of the flap a' than are the slots 14 and when the tongues 13 are engaged therewith the two intermediate panels 10 and 11 of the lowermost flap project outwardly or are offset from the other portions of the bottom to thereby form an easel-like support. The

support thus formed serves to hold the box in an inclined position when placed upon a substantially horizontal surface as shown in Fig. 6, to display the contained goods.

- 5 In this position the end panels 9 and 12 of the flap a^2 are still interlocked with and held against the other flaps forming the box bottom and serve to brace the intermediate projecting panels 10 and 11.
- 10 The pairs of opposite side walls of the box are also preferably provided at their upper edges with extensions or flaps b^3 , a^3 and a^4 hinged thereto along scores 18. The flaps a^3 and b^3 are of substantially the same
- 15 width as the side walls and are adapted to be folded inwardly and downwardly against the inner ends of the side walls to strengthen the same, as indicated in Figs. 5 and 6. The flap a^4 is adapted to contain advertising matter on its inner face and is connected
- 20 to the side wall a having the support-forming flap a^2 thereon. When the box or carton filled with goods is shipped, the flap a^4 is folded down over the goods as shown in
- 25 Fig. 5. When the box is placed on a counter or the like, as shown in Fig. 6, the flap a^4 is turned upwardly and rearwardly thus forming a display surface to advertise the goods contained in the carton.
- 30 Changes may be made in the details set forth without departure from the essentials of the invention, as defined in the claims.

I claim as my invention:—

1. A paper box comprising a bottom and
- 35 side walls and a flap connected to the lower edge of one of said side walls, said flap and the box bottom having interlocking parts arranged to hold said flap either against the lower face of said bottom or with at least
- 40 a portion of the flap spaced therefrom to form a support for holding the box in inclined position, substantially as described.

2. A folding paper box comprising connected side walls having flaps at their lower
- 45 edges forming the box bottom, said flaps having interlocking parts arranged to hold the lowermost flap either in snug engagement with the other parts of the box bottom or with at least a portion thereof in offset
- 50 position to form a support for holding the box in inclined position, substantially as described.

3. A folding paper box comprising connected side walls having flaps at their lower
- 55 edges forming the box bottom, the lowermost flap being transversely scored to form at least three panels, and means for securing the panel at the free end of said flap against the outer face of the next adjacent
- 60 flap in either one of two positions, substantially as described.

4. A folding paper box comprising connected side walls having flaps at their lower
- 65 edges forming the box bottom, the lowermost flap being transversely scored to form

four panels, means for securing the panel at the hinged edge of said flap against the face of the next adjacent flap and means for securing the panel at the free end of said flap against the face of the next adjacent flap 70 in either of two positions, substantially as described.

5. A folding box comprising side walls connected together to form a tubular blank, one pair of opposite side walls having two 75 inner, interlocking flaps forming the box bottom, an outer flap connected to one of the other side walls and interlocking parts arranged to hold said outer flap either against said inner flaps or with at least a 80 portion thereof spaced therefrom to form an easel-like support, substantially as described.

6. A folding box comprising side walls connected together to form a tubular blank, one pair of opposite side walls having two 85 flaps having parts adapted to interlock to form an inner box bottom, the other pair of opposite side walls having two flaps arranged to interlock either to form an outer bottom with the lower, outer flap parallel 90 with the other flaps or with a portion thereof in offset position to form an easel-like support, substantially as described.

7. A folding box comprising side walls connected together to form a tubular blank, 95 one pair of opposite side walls having two interlocking flaps forming an inner box bottom, the other pair of opposite side walls having two interlocking flaps forming an outer bottom, the lower, outer flap being 100 scored transversely to form four panels, the panel adjacent the hinged end and the other outer flap being interlocked with said inner flaps, and the panel at the free end of said lower outer flap being adapted to interlock 105 with the other outer flap in either one of two positions and with the intermediate panels in line or offset to form an easel-like support.

8. A folding paper box comprising side 110 walls connected together to form a tubular blank, said side walls having inner and outer bottom forming flaps at their lower edges, said outer flaps being adapted to interlock to hold the same either in engagement with 115 said inner flaps or with at least a portion of the outer bottom flap offset to hold the box in inclined position with one of said side walls raised from a supporting surface, the latter side wall having a flap at its upper 120 edge adapted to form an upwardly extending display surface, substantially as described.

9. A folding paper box comprising side 125 walls connected together to form a tubular blank, said side walls having bottom forming flaps at their lower edges, the lowermost flap being transversely scored to form at least two panels, and means for holding the same either parallel to the other flaps 130

with the panels thereof in line or with the panels offset to form a V-shaped, easel-like support, substantially as described.

10. A folding paper box comprising side
5 walls connected together to form a tubular blank, said side walls having flaps at their lower edges and the outer bottom flap being

transversely scored to form at least two panels, said flaps having parts adapted to interlock to form a flat box bottom and to 10 hold said panels offset from the other parts of the box bottom to form a V-shaped, easel-like support, substantially as described.

PAUL WALKER.