

Dec. 4, 1934.

R. H. SPEES

1,983,010

CARTON

Filed March 5, 1934

2 Sheets-Sheet 1

Fig. 1.

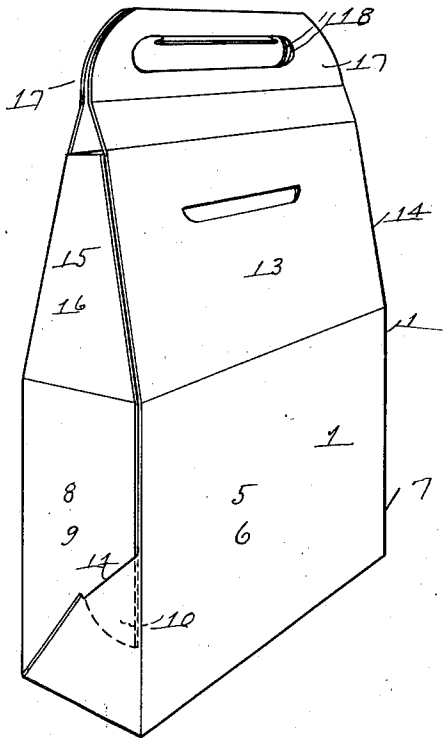


Fig. 2.

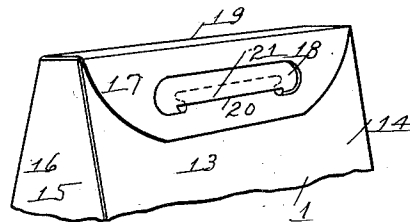
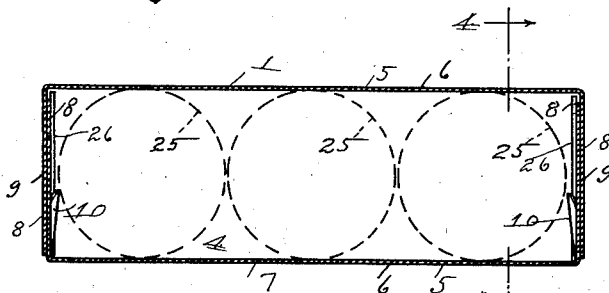


Fig. 3.

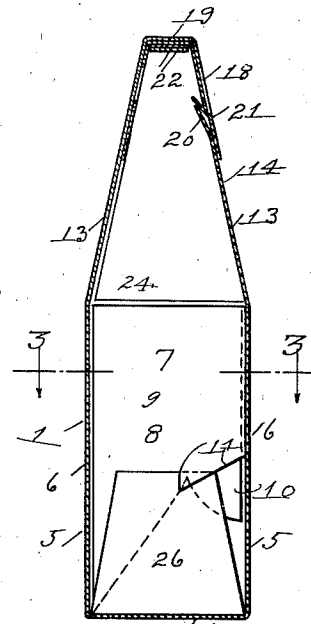


Fig. 4.

Witness:
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2 Sheets-Sheet 2

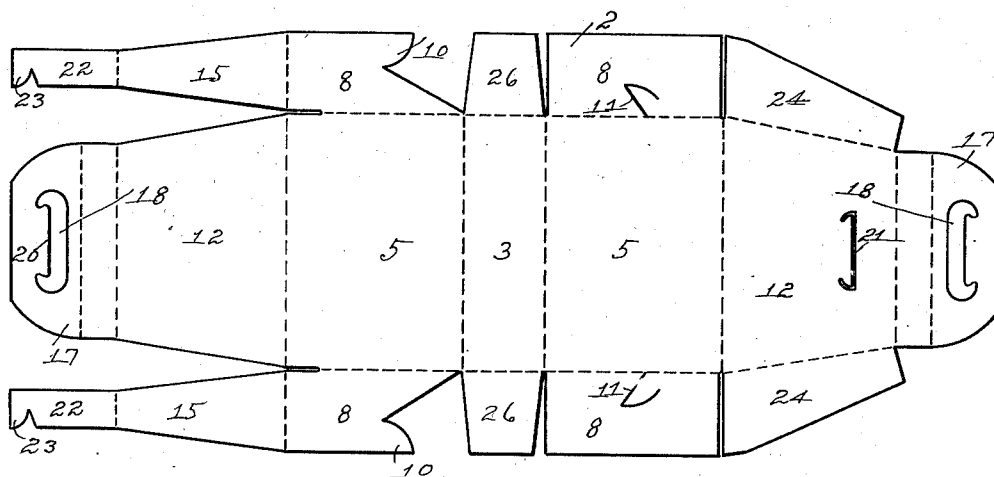


Fig. 5.

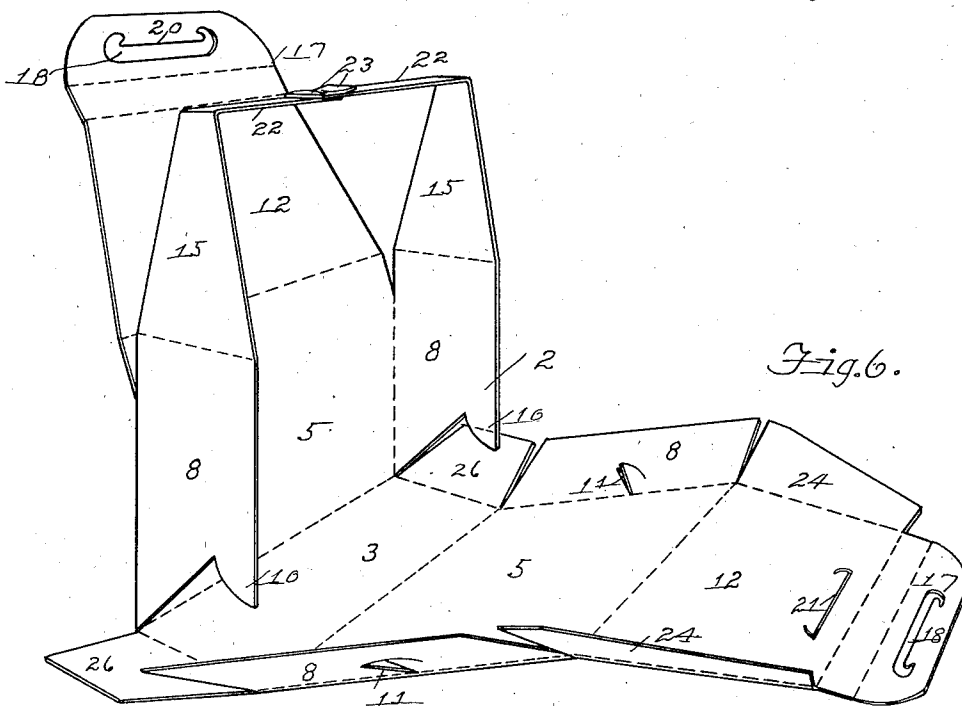


Fig. 6.

Witness:
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UNITED STATES PATENT OFFICE

1,983,010

CARTON

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Wolverine Carton Company, Wyoming town-
ship, Kent County, Mich., a corporation of
Michigan

Application March 5, 1934, Serial No. 714,023

5 Claims. (Cl. 229—52)

the present invention relates to cartons or
containers, particularly for tapering bottles and
the like; and its object is to provide such a car-
ton improved in respects hereinafter appearing;
5 and particularly, to provide such a carton com-
prising a larger lower part and an upwardly
tapering smaller part; and further, to provide
such a carton having vertical opposite sides or
walls provided with openings therethrough
10 whereby they may be readily grasped and car-
ried, said sides being also adapted to be folded
into lapping relation wherein said sides are se-
cured together to form the closed top of the
carton.

15 These and any other and more specific objects
hereinafter appearing are attained by, and the
invention finds preferable embodiment in, the
illustrative carton particularly described in the
body of this specification and illustrated by the
20 accompanying drawings, in which:

Figure 1 is a view in perspective of a carton;

Figure 2 is a view in perspective of the upper
portions thereof showing the parts in another
position;

25 Figure 3 is a horizontal sectional view of said
carton taken on line 3—3 of Figure 4;

Figure 4 is a vertical sectional view of the
carton taken on line 4—4 of Figure 3;

30 Figure 5 is a plan view of a blank which may
be bent along dotted lines thereof to form the
carton; and

Figure 6 is a view in perspective of said blank
partially thus bent to form the carton.

35 In the embodiment of the invention illustrated
by these drawings, the carton 1 is made by bend-
ing a flat paper sheet or blank 2 of cardboard or
the like along the dotted lines shown in Figures 5
and 6 which define the hereinafter described por-
tions of the blank. This blank comprises a rec-
40 tangular middle portion 3 forming the bottom 4
of the carton, a pair of rectangular portions 5 at
the opposite sides of said middle portion and
forming the sides 6 of the lower and larger part 7
of the carton these portions 5 each having a pair
45 of end flaps 8 folded inwardly at right-angles to
portions 5 to form the ends 9 of said lower part
and have interlocking means, the tongues 10, en-
gaging in slits 11 for holding said flaps in proper
relation.

50 The blank also comprises a pair of flaps 12
extending outwardly from the pair 5 (i. e., up-
wardly in the formed carton) and tapered as
shown to form the sides 13 of the tapering upper
part 14 of the carton, and the flaps 15 extending
55 thus upwardly from one pair of flaps 8 and

tapered as shown to form the ends 16 of said
tapered upper part. The flap portions 12 have
end portions 17, which may be extended upward-
ly as seen in Figure 1 and have openings 18 which
register with each other to receive the hand of 60
a person carrying the carton; or these extending
portions 17 may be folded to lap each other as
shown in Figures 2 and 4 thus forming a closed
top 19 for the carton. In said second-mentioned
position these portions 17 are secured together 65
by interlocking means, as the inwardly extending
tab 20 of one of said openings which is inserted
into a suitable receiving slit 21 in the other por-
tion 12.

In the illustrated construction the tapering 70
flap portions 15 have extensions 22 adapted to be
folded horizontally inwardly and have means, as
the interlocking tongues 23 for connecting them;
and one of the tapering flap portions 12 has end
flaps 24 adapted to be folded inwardly. The por- 75
tion 3 has end flaps 26 turned inwardly.

It will be seen that the lower parts of the bottles
indicated at 25 in Figure 3 are held close together
in the lower part 7 of the carton, their tapering
upper ends being held in the carton's tapering 80
upper part 14; and that the carton may be closed
at its top as shown in Figures 2 and 4 for storage,
etc., or may be readily carried about in the posi-
tion of the parts seen in Figure 1.

The invention being intended to be pointed out 85
in the claims, is not to be limited to or by details
of construction of the particular embodiment
thereof illustrated by the drawings or herein-
before described.

I claim:

90 1. A carton rectangular in horizontal section
comprising a lower part and a part tapering up-
wardly therefrom, made by bending a flat sheet
comprising a rectangular middle portion forming
the bottom of the carton and having end flaps 95
turned inwardly, a pair of rectangular portions
at the opposite sides of the middle portion form-
ing the sides of said lower part of the carton
each having a pair of end flaps forming the ends
100 of said lower part and provided with interlock-
ing means, tapering flaps extending from one pair
of said end flaps forming the ends of said taper-
ing upper part and provided with interlocking
means, and comprising also a pair of portions 105
tapering from said pair of rectangular portions
forming the sides of said upper part and provided
with interlocking means.

2. A carton rectangular in horizontal section
comprising a lower part and a part tapering up-
wardly therefrom, made by bending a flat sheet 110

comprising a rectangular middle portion forming the bottom of the carton and having end flaps turned inwardly, a pair of rectangular portions at the opposite sides of the middle portion forming the sides of said lower part of the carton each having a pair of end flaps forming the ends of said lower part and provided with interlocking means, tapering flaps extending from one pair of said end flaps forming the ends of said tapering upper part and having extended portions bent toward each other and provided with interlocking means, and comprising also a pair of portions tapering from said pair of rectangular portions forming the sides of said upper part and provided with interlocking means.

3. A carton rectangular in horizontal section comprising a lower part and a part tapering upwardly therefrom, made by bending a flat sheet comprising a rectangular middle portion forming the bottom of the carton, a pair of rectangular portions at the opposite sides of the middle portion forming the sides of said lower part of the carton each having a pair of end flaps forming the ends of said lower part and provided with interlocking means, tapering flaps extending from one pair of said end flaps forming the ends of said tapering upper part and provided with interlocking means, and comprising also a pair of portions tapering from said pair of rectangular portions forming the sides of said upper part and provided with interlocking means.

4. A carton rectangular in horizontal section comprising a lower part and a part tapering upwardly therefrom, made by bending a flat sheet

comprising a rectangular middle portion forming the bottom of the carton, a pair of rectangular portions at the opposite sides of the middle portion forming the sides of said lower part of the carton each having a pair of end flaps forming the ends of said lower part and provided with interlocking means, flaps extending from one pair of said end flaps forming the ends of said tapering upper part, and comprising also a pair of portions tapering from said pair of rectangular portions forming the sides of said upper part and having hand-receiving openings therethrough.

5. A carton rectangular in horizontal section comprising a lower part and a part tapering upwardly therefrom, made by bending a flat sheet comprising a rectangular middle portion forming the bottom of the carton, a pair of rectangular portions at the opposite sides of the middle portion forming the sides of said lower part of the carton each having a pair of end flaps forming the ends of said lower part and provided with interlocking means, flaps extending from one pair of said end flaps forming the ends of said tapering upper part, and comprising also a pair of portions tapering from said pair of rectangular portions forming the sides of said upper part and having hand-receiving openings therethrough in mutual registration in one position of said last-mentioned pair of portions, said last-mentioned pair being adapted to be folded into lapping position forming the top of the carton and provided with securing means interlocking in said lapping position.

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