June 1, 1937. C. D. FALLERT 2,082,200

CONTAINER

Filed May 25, 1936

Fig. 1.

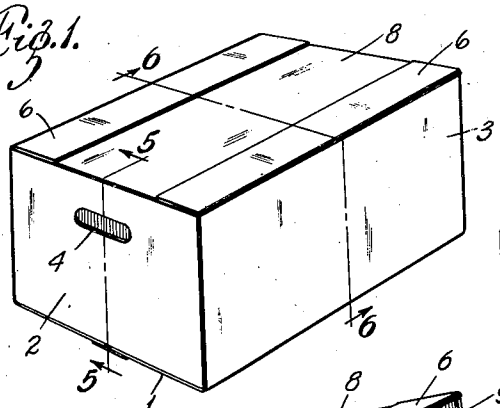


Fig. 3.

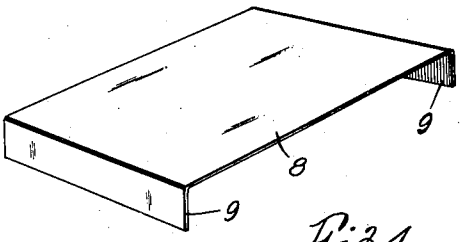


Fig. 2.

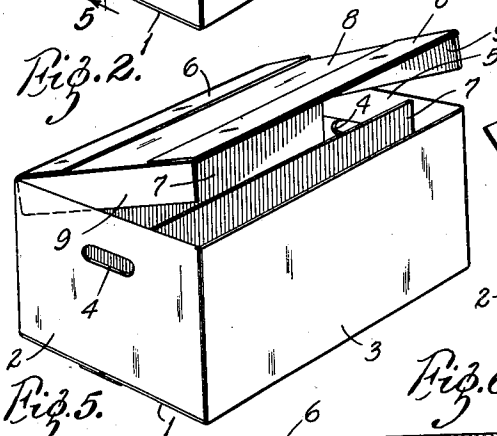


Fig. 4.

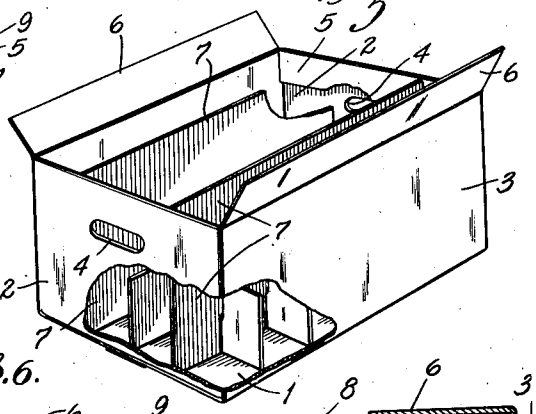


Fig. 5.

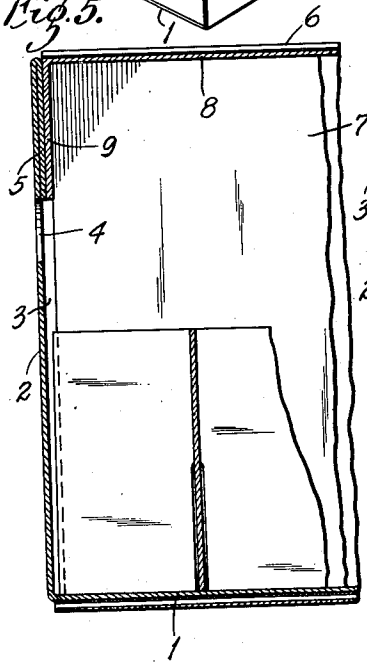
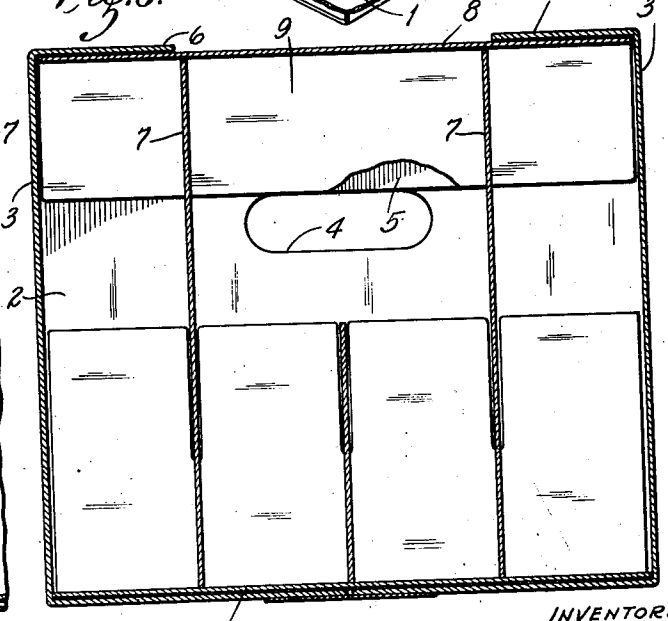


Fig. 6.



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UNITED STATES PATENT OFFICE

2,082,200

CONTAINER

Clifford D. Fallert, St. Louis, Mo., assignor to Robert Gaylord, Inc., St. Louis, Mo., a corporation of Missouri

Application May 25, 1936, Serial No. 81,562

5 Claims. (Cl. 229—52)

This invention relates to containers, particularly shipping cartons for bottled or canned goods.

The invention has for its principal objects to provide a strong and durable carton of simple and economical construction, to provide a closure member for said carton which reinforces and stiffens the hand holes therein, and which, when unsealed along one edge, becomes a hinged cover for said carton, and to utilize the bottle-separating partitions as a means for supporting said closure member. The invention consists in the carton and in the construction, combinations and arrangements of parts hereinafter described and claimed.

In the accompanying drawing, which forms part of this specification and wherein like symbols refer to like parts wherever they occur,

Fig. 1 is a perspective view of a sealed carton embodying my invention;

Fig. 2 is a perspective view of the carton, showing the closure member unsealed along one edge to form a hinged cover for said carton;

Fig. 3 is a perspective view of the closure member;

Fig. 4 is a perspective view of the carton, with portion of its side and end walls broken away to disclose the bottle-separating partitions;

Fig. 5 is a fragmentary vertical longitudinal section through the sealed carton on the line 5—5 in Fig. 1; and

Fig. 6 is a vertical cross-section through the sealed carton on the line 6—6 in Fig. 1.

The accompanying drawing illustrates a beer bottle shipping carton of bendable material, such as fiber or corrugated board, folded to form a bottom 1, end walls 2 and side walls 3. The end walls 2 are provided with hand holes 4 and bendable upper marginal flaps 5 that are folded downwardly against the inner faces of said end walls with their lower edges flush with the upper edges of said hand holes. The side walls 3 are likewise provided with bendable upper marginal flaps 6; and the lower portion of the carton is divided by longitudinal and transverse partitions preferably of fiber or corrugated board, one or more of said partitions, preferably the two outermost longitudinal partitions 7, extending to the top of the box.

The carton is closed by a panel 8, preferably of fiber or corrugated board, that is supported on the upper edges of the two outermost longitudinal partitions 7 with its top substantially flush with the top edges of the side and end walls of the carton. The closure member 8 is provided with depending end flaps 9 that extend downwardly between the downturned upper marginal flaps 5 of the end walls 2 and the adjacent ends of the two partitions 7 and are disposed with their lower edges flush with the lower edges of the end wall flaps and the upper edges of the hand holes 4 located therebelow. The carton is sealed by folding the upper marginal flaps 6 of the side walls 3 of the carton down upon and adhesively or otherwise securing them to the adjacent side marginal portions of the closure member 8.

The carton is unsealed by slitting one of the side walls 3 from end to end just below the inwardly extending upper marginal flap 6 thereof, whereby the closure member is freed from one side wall of the carton and is thus adapted to swing with the bendable upper marginal flap of the other side wall thereof after the manner of a hinged cover.

The above described carton has several advantages. The lower edges of the downturned marginal flaps 5 and 9 of the end walls and closure member 2 and 8, respectively, are disposed with their lower edges flush with the upper edges of the hand holes 4 and thus serve to prevent tearing thereof when the hand holes are used in lifting the carton. When the carton is opened, the end wall flaps 5 remain in place and serve to prevent tearing of the hand holes. The two partitions 7 that extend to the top of the carton support the closure member and position the lower edges of the depending end flaps 9 thereof flush with the upper edges of the hand holes. When the carton is unsealed by severing the upper side marginal flap from one of the side walls, the upper side marginal flap of the other side wall serves as a hinge for connecting the closure member to the carton; and the severed flap serves to reinforce and stiffen the free edge of such hinged closure member or cover.

What I claim is:

1. A shipping container having two opposite walls provided with hand holes and upper marginal flaps that are folded downwardly alongside of said walls, and a closure member for said container having depending end flaps disposed alongside of the upper marginal flaps of said walls, the flaps of said walls and said closure member being disposed with their lower edges substantially flush with the upper edges of said hand holes.

2. A shipping container having end and side walls, said end walls being provided with hand holes, and a closure member for said container having depending marginal flaps disposed along-

side said end walls with their lower edges adjacent to the upper edges of said hand holes, said side walls being provided with upper marginal flaps that are secured flatwise to the adjacent side marginal portions of said closure member.

3. A shipping container comprising end and side walls, said end walls being provided with hand holes and downturned upper marginal flaps disposed with their lower edges adjacent to the upper edges of said hand holes, and a closure member for said container having depending end flaps disposed alongside of the downturned upper marginal flaps of said end walls with their lower edges adjacent to the upper edges of said hand holes, said side walls being provided with upper marginal flaps that are secured flatwise to the adjacent side marginal portions of said closure member, said container being adapted to be opened by severing the upper side marginal flap from one of said side walls, whereby the upper side marginal flap of the other side wall serves as a supporting hinge for said closure member and the severed flap serves to reinforce and stiffen the free margin of said closure member.

4. A shipping container comprising end and side walls, said end walls being provided with hand holes and downturned upper marginal flaps disposed with their lower edges substantially flush with the upper edges of said hand holes, a closure member for said container having marginal depending flaps disposed alongside of the downturned end wall flaps with their lower edges substantially flush with lower edges thereof, said side walls being provided with upper marginal flaps that are secured flatwise to the adjacent side marginal portions of said closure member, said container being adapted to be opened by severing the upper side marginal flap from one of said side walls, whereby the upper side marginal flap of the other side wall is adapted to serve as a supporting hinge for said closure member, and longitudinal and transverse partitions mounted in said container, at least one of said partitions extending to the top of said container to constitute a support for said closure member.

5. A shipping container comprising end and side walls, said end walls being provided with downturned upper marginal flaps, and a closure member for said container having depending end flaps disposed alongside of the downturned upper marginal flaps of said end walls, said side walls being provided with upper marginal flaps that are secured flatwise to the adjacent side marginal portions of said closure member, said container being adapted to be opened by severing the upper side marginal flap from either of said side walls, whereby the upper side marginal flap of the other side wall serves as a supporting hinge for said closure member and the severed flap serves to reinforce and stiffen the free margin of said closure member.

CLIFFORD D. FALLERT.