

UNITED STATES PATENT OFFICE

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COMBINED BOTTLE CONTAINER AND
SUPPORT

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1 Claim. (Cl. 206—45.14)

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The purpose of my improvement is to provide a carton, substantially rectangular in shape, which may be laid on its side and in which a portion of the top wall may be raised along perforated lines therein, so that, through an opening so made, a bottle may be inserted into the carton. A further purpose of my improvement is to provide means which are a part of said portion so raised, and which are intended to brace up the bottle in its upright position within the aperture in the carton. A further purpose of my improvement is to provide a carton of the kind described in which the parts to be raised may be quickly set up in position without any complicated manipulation thereof.

I shall now describe my improvement with reference to the accompanying drawings, in which:

Figure 1 is a perspective view of the carton in its closed position;

Figure 2 is a perspective view of my carton with parts set up to provide a stand for the bottle ordinarily contained within carton;

Figure 3 is a sectional view on line 3—3 of Figure 2;

Figure 4 is a sectional view on line 4—4 of Figure 3.

Similar numerals refer to similar parts throughout the several views.

The carton is made in the conventional rectangular form, and as shown in Figure 2, includes a bottom wall 10, a top wall 11, and two narrow side walls 12. At each end the carton is closed by overlapping extensions 13 of the side walls, and a flap 14. The latter is integrally connected to the top wall 11 and creased laterally at 15 to form an end tongue 16 for insertion into the interior of the carton. Thus inserted the tongue abuts the opposite wall 12, extending laterally over said extensions 13.

Up to now the description fits most of the cartons already in use. Now I shall refer to the novel features of the carton as devised by me. A portion 17 of the top wall 11, conforming in size to the frontal width and the side thickness of the bottle contained in the carton, is perforated along lines 18, 19 and 20. These lines define three sides of a rectangle, and it is along these lines that said portion 17 may be severed from the body of the top wall and swung upwardly along the fourth line of the rectangle, namely line 21, which is only creased. It will be noted that line 13 along which portion 17 may be severed from the body of wall 11, is shorter than said creased line 21. A strip 22 of said portion 17 being severable therefrom along line 23, extends into flap 14, normally forming a part thereof, up to the creased line 15 on said flap. At the oppo-

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site end the strip extends to the parallel creased line 24.

When portion 17 is severed along its perforated lines 18, 19 and 20, and raised to assume a vertical position, it opens the carton at top permitting insertion of a bottle 25 into an aperture 26 made by the upswing of said portion 17. As said portion is connected by strip 22 to flap 14, the upswing of portion 17 will cause the flap to bend outwardly till it too will be disposed vertically. The strip itself will be then disposed parallel to the top wall 11 but at some height above its surface. Thus, the end flap 14, the strip and the main part of portion 17 will brace the bottle from three sides at a level above the top of the carton, and above the center of gravity of the bottle, thus imparting to the stand so made, a high degree of stability.

It will be understood that my improvement is not restricted to the carton of the standard form disclosed in the drawings, as the principle may as well be applied to cartons of other shapes. What I therefore wish to claim is as follows:

In a rectangular carton adapted to receive a bottle, a flat bottom, a flat top, and an end flap at each end of the carton, each flap serving as a closure, a rectangular portion in the top adjoining one end flap, said rectangular portion being defined by a perforated line along the juncture of said top with the flap, by a creased line spaced from said juncture, and by two perforated sides, to permit said portion on severance along perforated lines to be raised vertically from the creased line, a strip severed partly from the side of said rectangular portion and partly from the flap, and extending across the line of said juncture of the flap, said strip being hinged at one end in the flap at the other end in said portion spaced from said creased line, the strip being adapted to pull up the flap into a vertical position when said rectangular portion has been manually raised to a vertical position above the level of said top.

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