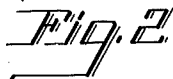


Filed Feb. 3, 1948

BOTTLE CARRIER

2 Sheets-Sheet 1



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Sept. 18, 1951

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BOTTLE CARRIER

2,568,436

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2 Sheets-Sheet 2

Fig. 3

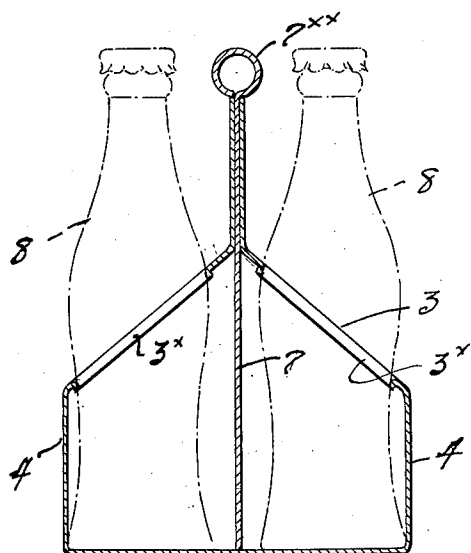
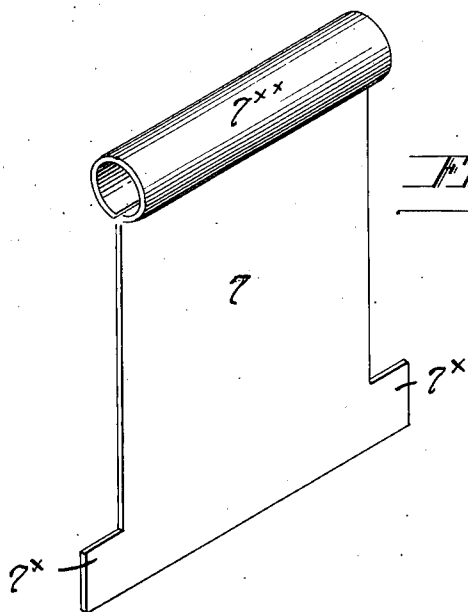


Fig. 4



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UNITED STATES PATENT OFFICE

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BOTTLE CARRIER

Louis Faria, Louisville, Ky., assignor to Reynolds Metals Company, Richmond, Va., a corporation of Delaware

Application February 3, 1948, Serial No. 6,511

1 Claim. (Cl. 224—45)

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The present invention relates to bottle carriers of that type in which two rows of bottles at opposite sides of the carrying handle may be received by and transported in the carrier usually by consumers, the carrier providing a light and convenient means for such transportation and for the return of the empty bottles.

The specific object of the invention is to provide a carrier of the said type which may be made from two pieces of sheet metal or other suitable sheet material, such as plastic, which will be simple and inexpensive in construction, and which will embody a retractable handle.

The invention will be described with reference to the accompanying drawing, in which—

Figure 1 is a perspective view showing an embodiment of the invention;

Figure 2 is a plan view of the blank from which the carrier body is formed, dotted lines showing lines of fold;

Figure 3 is a vertical section on the line 3—3, Fig. 1;

Figure 4 is a respective view of the retractable handle member.

Referring to Figure 1 of the drawings, the blank for the body member consists of a sheet, preferably having its ends 1 rounded and each end from the inner face is pressed outwardly a slight distance within the dotted lines at 2. Rearwardly of the last stated formation, the sheet is formed with the bottle-receiving openings at 3 and at opposite ends of lines bounding the side walls 4 are V-cuts at 5.

The ends 4 are of slightly less width than the major width of the blank and the margin of the blank may be folded at right angles along the longitudinal lines 6 to form flanges 7.

The margins of the bottle-receiving openings 3 are folded inwardly to provide flanges 3x.

When the body member is folded on the transverse dotted lines shown in Figure 2, it assumes the position of Figure 1. Prior thereto the retractable handle member is placed in position. This handle member is best shown in Figure 4. It consists of a sheet 7 having wings 7x at its base, the upper area of the sheet being rolled into substantially tubular form to provide a handle 7xx. The outward deformation of the end sections 1 provides a channelway for receiving the handle member and which will permit the handle member to lie in retractable position as shown in Figures 1 and 3, or to be raised until the wings 7x strike the abutted members 1 for the carrying of the container with bottles re-

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ceived therein, bottles of standard beverage form being shown in Figure 3 at 8.

I prefer that the container be made of sheet aluminum because such metal is ideal for the purpose, being light, non-rusting, and of excellent appearance.

When the retractable handle member is placed in position, the abutting members 1 may be spot-welded or otherwise connected.

It will be understood that the dimensions of the elements shown in the drawings are illustrative only, and that these dimensions may be varied in accordance with the size and character of the bottles or other units to be handled, and that various modifications may be made in the embodiments illustrated in the drawings without departing from the spirit of the invention.

What I claim and desire to secure by Letters Patent, is as follows:

20 A bottle carrier comprising a unitary sheet folded to form a bottom wall, side walls and inclined walls overhanging the bottom wall, said inclined walls being formed with openings to receive bottles, vertical extensions carried by said inclined walls, at least one of said vertical extensions being displaced outwardly at a central area thereof to provide, in co-action with the second vertical extension, a closed channelway having opposed lateral shoulders, flanges inwardly directed at the margins of said openings in the inclined walls, flanges inwardly extending inwardly from the edges of the bottom wall, the side walls, and the inclined walls, and a handle member comprising a unitary sheet movable in said channelway between said vertical extensions of the inclined walls having a handle grip at its top and wing extensions at its base, the handle grip comprising an integral upper marginal area of said unitary sheet, which area is curled upon itself to form a handle in generally tubular form.

LOUIS FARIA.

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