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G. W. PEARCE

2,089,416

BOTTLE CARRIER

Filed June 30, 1936

Fig. 1.

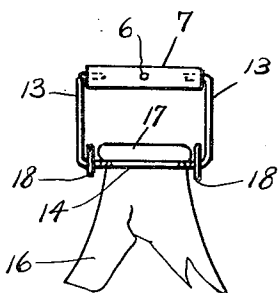


Fig. 4.

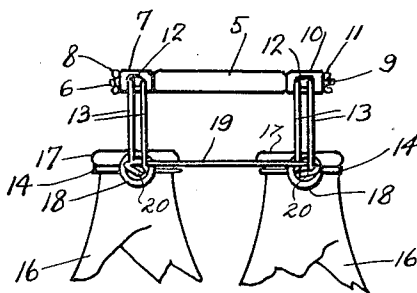


Fig. 2.

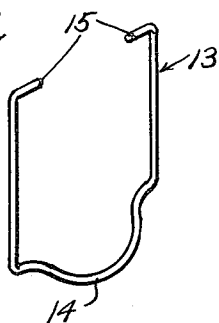


Fig. 5.

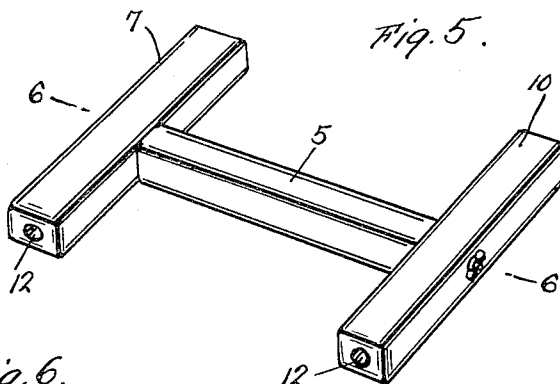


Fig. 6.

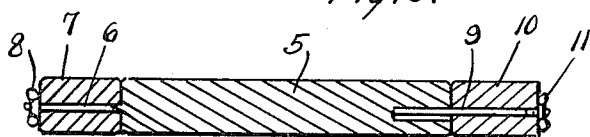


Fig. 3.

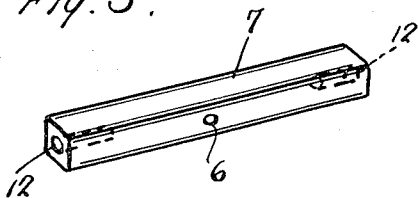
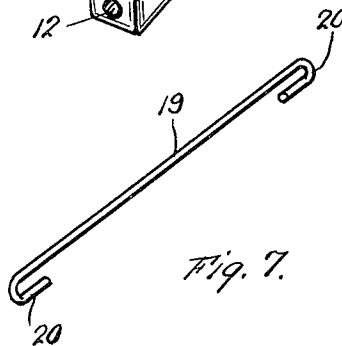


Fig. 7.



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UNITED STATES PATENT OFFICE

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BOTTLE CARRIER

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Application June 30, 1936, Serial No. 88,247

1 Claim. (Cl. 224—45)

This invention appertains to new and useful improvements in carriers whereby bottles of milk and similar articles can be carried about in safety and with convenience.

Another important object of the invention is to provide a bottle carrier wherein the carrier is provided with means automatically gripping the bottle or bottles when the weight of the bottle is imposed on the carrier.

These and various other important objects of the invention will become apparent to the reader of the following specification.

In the drawing:—

Figure 1 represents a front elevational view of the carrier showing a bottle fragmentarily.

Figure 2 is a perspective view of one of the clamp members.

Figure 3 is a perspective view of one of the cross members.

Figure 4 is a side elevational view of the carrier showing the bottles fragmentarily.

Figure 5 is a perspective view of the frame of the carrier.

Figure 6 is a sectional view taken substantially on line 6—6 of Figure 5.

Figure 7 is a perspective view of the tie rod.

Referring to the drawing wherein like numerals designate like parts it can be seen in Figure 5 that the frame of the carrier consists of the elongated handle member 5 which at one end is provided with the extension 6 disposed through the intermediate portion of the cross member 7 and equipped with a nut 8 and while a threaded pin 9 projects from the opposite head of the handle 5 and is disposed through the cross member 10. The member 9 is provided with a wing nut 11. In this manner the frame as shown in Figure 5 is composed of a handle member 5 and cross members 7 and 10 at respectively opposite ends of the handle member. Each end of each of the cross members 7 and 10 is provided with a socket 12. Each of the cross members 7 and

10 has a pair of hanger members 13, each of which is U-shaped having its bight portion extending laterally as at 14 while the ends of its leg portions are bent inwardly to provide pintles 15 which engage into the sockets 12.

As can be seen in Figure 4, a pair of these hangers 13 act to support a bottle 16 by its neck bead 17, as the curved portion 14 of the U-shaped hangers 13 engage under this bead and the ring members 18 serve to prevent the separation of these hangers as each ring member circumscribes the adjacent legs of the hangers as suggested in Figure 4.

Furthermore, an elongated tie rod 19 is employed provided with hook ends 20, which hook ends engage over the bight portions of the outermost hangers 13 of the carrier, and thus cause the bottles to be maintained in parallel relation so that they cannot swing against each other and perhaps break.

While the foregoing specification sets forth the invention in specific terms, it is to be understood that numerous changes in the shape, size and materials may be resorted to without departing from the spirit and scope of the invention as claimed hereinafter.

Having described the invention, what is claimed is:—

A bottle carrier of the character described comprising a handle having detachable cross members at the opposite ends, a pair of depending U-shaped members carried by each cross member and having their upper ends pivotally connected to the cross member and their lower bight portions curved laterally in opposite directions to engage a bottle neck beneath the bead, each of said cross members being provided at its ends with recesses and the upper portions of the U-shaped members being provided with inward-turned pintle members engaged into the said recesses.

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