

April 3, 1945.

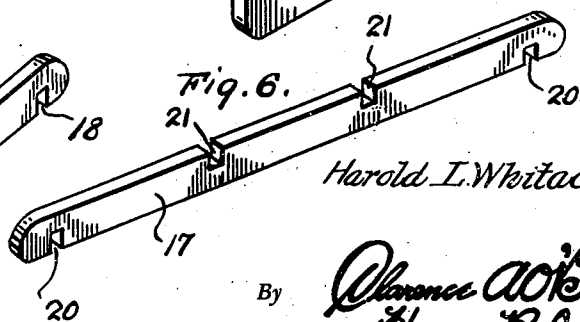
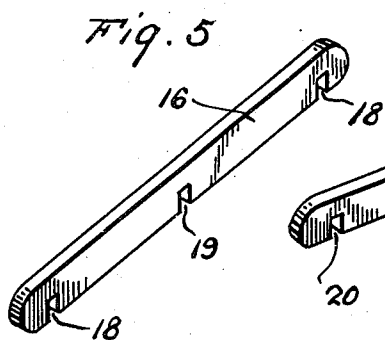
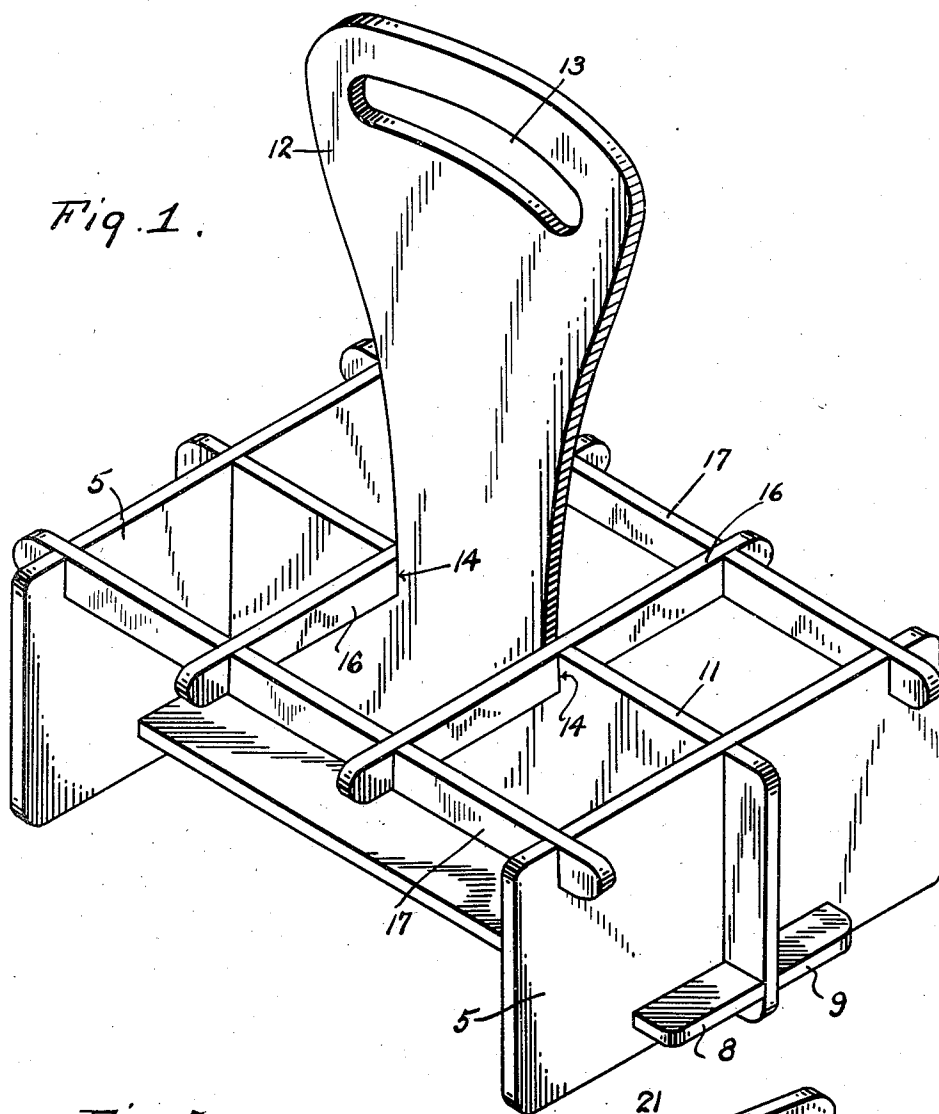
H. L. WHITACRE

2,372,871

BOTTLE CARRIER

Filed Aug. 3, 1943

3 Sheets-Sheet 1



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Fig. 2.

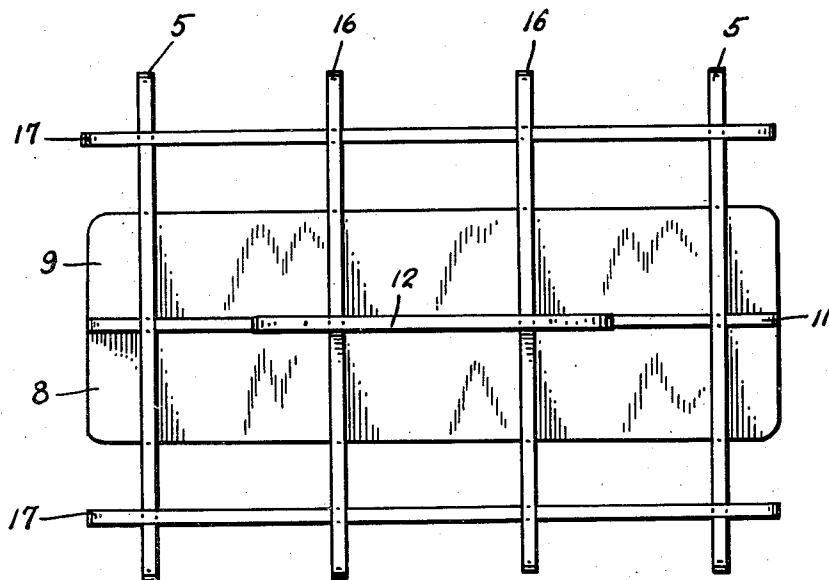
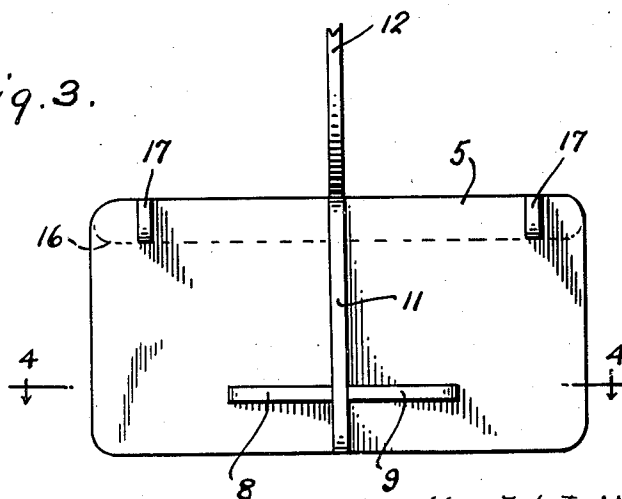


Fig. 3.



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Fig. 4.

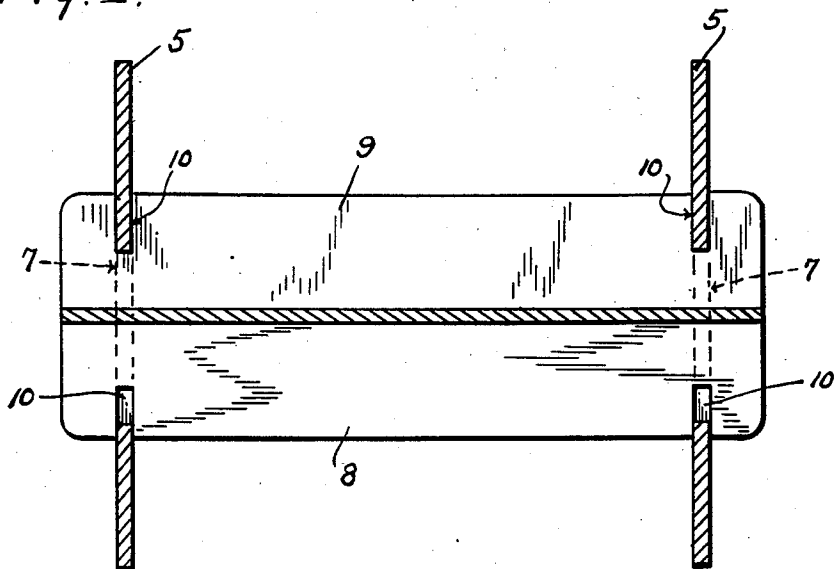


Fig. 7.

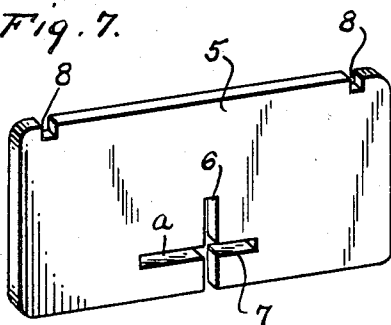


Fig. 8.

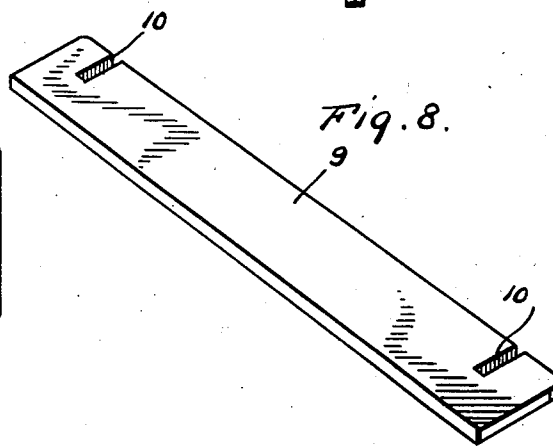
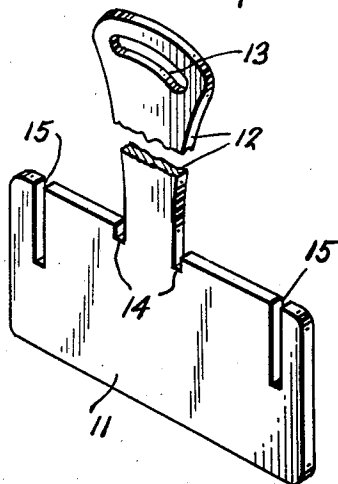


Fig. 9.



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UNITED STATES PATENT OFFICE

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BOTTLE CARRIER

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Application August 3, 1943, Serial No. 497,191

2 Claims. (Cl. 224-48)

This invention relates to new and useful improvements in carriers especially adapted for carrying bottles and like shaped articles.

The principal object of the present invention is to provide a carrier constructed of inexpensive and readily obtainable material.

Another important object of the invention is to provide a knock-down type of carrier which can be readily assembled for the purpose of carrying bottles and like shaped articles.

Still another important object of the invention is to provide a carrier of the character described which will be strong and durable in use.

Other objects and advantages of the invention will become apparent to the reader of the following description.

In the drawings—

Figure 1 is a perspective view of the complete carrier.

Figure 2 is a top plan view.

Figure 3 is a fragmentary end elevational view.

Figure 4 is a horizontal sectional view taken on the line 4-4 of Figure 3.

Figure 5 is a perspective view of one of the transverse connectors.

Figure 6 is a perspective view of one of the longitudinal connectors.

Figure 7 is a perspective view of one of the end walls.

Figure 8 is a perspective view of one of the bottom sections.

Figure 9 is a fragmentary perspective view of the handle and partition section.

Referring to the drawings wherein like numerals designate like parts, it can be seen that numerals 5, 5 denote end walls, each of substantially rectangular shape and each having crossed slots 6, 7 in the lower portion thereof, the lower portion of the vertical slot 6 opening through the lower edge of the end wall, while the portion a of the horizontal slot 7 extends a substantial distance farther beyond one side of the vertical slot than the other portion. The upper corner portions of each end wall 5 have notches 8 therein.

A pair of elongated bottom sections 8, 9 are provided and each of these has a transverse notch 10 adjacent each end thereof.

Obviously, the bottom sections 8, 9 are inserted at their ends through the slot 7 of the end walls 5 and are then forced outwardly so that the notches 10 receive portions of the end walls 5 and so that the vertical slot 6 will be clear to receive a unit such as is shown in Figure 9. The unit shown in Figure 9 consists of a vertical partition 11 having an upstanding handle 12, the handle 12 having a finger-receiving slot 13 therein. Where the handle 12 merges with the partition 11, notches 14 are located, while adjacent the ends of the partition, slots 15 extend downwardly from the upper edge thereof.

The partition 11 is disposed upwardly from beneath the end walls 5 and bottom sections 8, 9 and is inserted between the sections 8, 9 by being pushed upwardly through the vertical slot 6, the slots 15 in the partition 11 overlapping substantial portions of the end walls 5, 5.

Transverse connectors 16, 16 are provided as are longitudinal connectors 17, 17.

The transverse connectors 16 have end notches 18, 18 and an intermediate notch 19, while the longitudinal connectors 17 have lower end notches 20, 20 for embracing the end walls 5, 5 at the notches 8, 8 therein and upper intermediate notches 21, 21 over which interlock the notched end portions 18 of the transverse connectors 16. The intermediate notches 19 of the transverse connectors 16 interlock with the partition 11 at the notches 14, 14 therein.

Thus it can be seen, that the carrier is constructed of not only inexpensive material, but of readily obtainable material such as plywood, heavy cardboard, sheet wood, etc., and that the parts are so interlocked when assembled that they will remain sturdily together while weight is being imposed on the bottom sections 8, 9.

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 as new is;

1. A carrier comprising a pair of end walls having horizontal and vertical intersecting slots therein near the bottom of said end walls, the vertical slots opening onto the bottom edges of said walls, a bottom comprising a pair of sections spaced apart and having the ends thereof inserted through the horizontal slots of the end walls, a vertical partition intermediate said sections and having its end portions fitted upwardly into the vertical slots of the end walls, cell defining connectors bridging the end walls, and a handle upstanding from said partition.

2. A carrier comprising a pair of end walls having horizontal and vertical intersecting slots therein near the bottom of said end walls, the vertical slots opening onto the bottom edges of said walls, a bottom comprising a pair of sections spaced apart and having the ends thereof inserted through the horizontal slots of the end walls, a vertical partition intermediate said sections having its end portions fitted upwardly into the vertical slots of the end walls, longitudinal cell defining connectors bridging the end walls, a pair of transverse cell defining connectors bridging the longitudinal connectors and the partition, and a handle on said partition.

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