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FABRICATED BOTTLE CARRIER

Filed Aug. 9, 1955

FIG. 1.

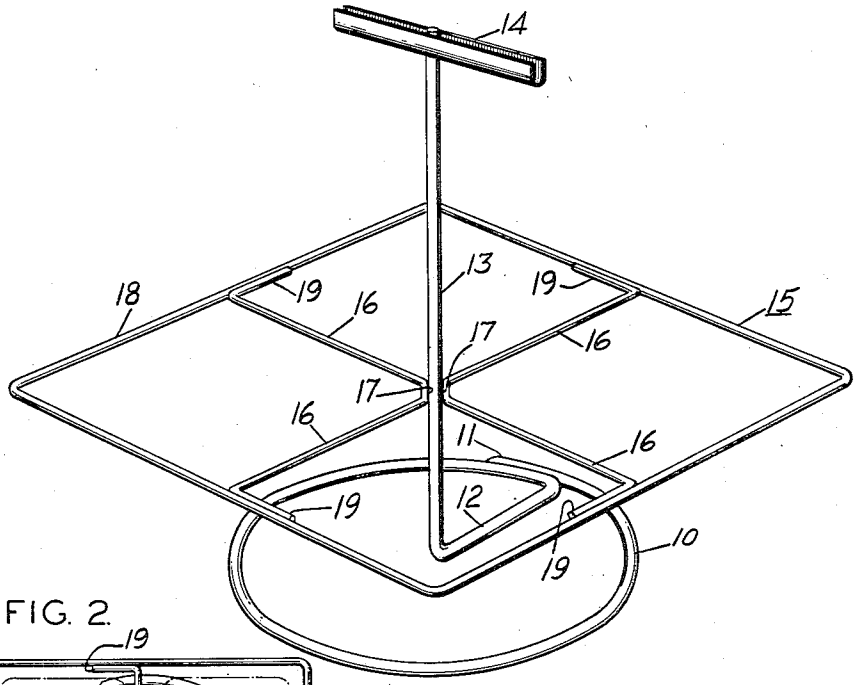


FIG. 2.

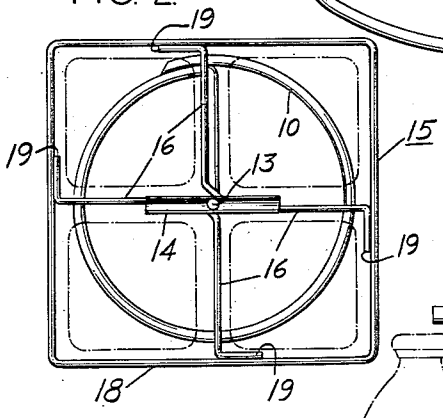
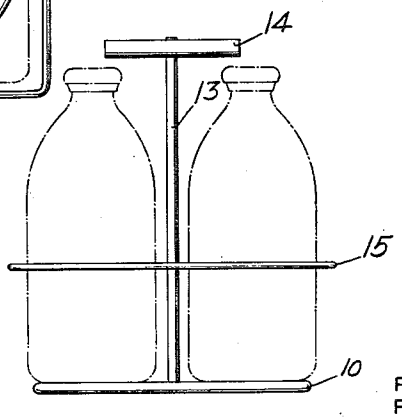


FIG. 3.



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FABRICATED BOTTLE CARRIER

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Application August 9, 1955, Serial No. 527,202

1 Claim. (Cl. 220—117)

This invention relates to a carrier for articles, and has been developed primarily as a support and carrier for bottles. It provides a carrier which may conveniently be used as a support for a plurality of milk bottles, incident to their transportation and/or delivery.

An object of the invention has been to provide a carrier adapted at this use which is light in weight, attractive in appearance and efficient in its intended use.

A further object has been to provide such a carrier in a form which lends itself to economical production in large quantities, and which may be formed entirely of elements of standard structural materials, such as wire and sheet metal.

Still further objects and advantages of the invention, and the manner in which they have been attained, will be evident from reading of the following detailed description in the light of the attached drawing, in which,

Figure 1 is a perspective view of a preferred form of the carrier of the invention,

Figure 2 is a plan view, and

Figure 3 is a side elevation, illustrating the use of the carrier in transportation of milk bottles.

Except for its handle, the elements, of the carrier may advantageously be formed of metal wire, although metal in other forms, or plastic materials, may be employed alternatively. In the form illustrated, the supporting base member is a horizontal wire member **10** bent to closed annular shape, with its free end secured peripherally in overlapping relation to the annulus at **11**, as by edge welding to form a circular support. Extending radially inwardly from the annulus **10** is an integral extension **12**, and this extension is in turn bent upwardly to form a stem **13**.

A handle **14** extends at right angles to stem **13**, and may be formed of a strip of sheet metal, bent to U-shape and secured to the upper end of the stem by any appropriate upsetting or welding technique. There is also secured to the stem **13**, at a plane intermediate between the base **10** and the handle **14**, a lateral confining framework **15** comprising horizontally extending elements providing separate pockets to receive and guide into supported position the milk bottles or other articles to be carried.

The framework **15** preferably comprises a pair of angularly bent structural elements **16** having their apices

secured symmetrically and oppositely at right angles to the stem **13** as by welding at **17**, and the elements may be bent into parallelism at this zone of securement as illustrated, instead of forming apices in the literal sense. The outer ends of the arms **16** are secured to an outer peripheral framework element **18**, and this, like the elements **16**, may be formed of standard circular wire, which may be in the form of a square. The framework **18** may be formed of a single length of wire with its ends welded together to form the closed structure, or of two lengths of wire, each bent to U-shape, with their ends abutting and welded together.

In order that the outer ends of the arms of elements **16** may be firmly secured to the framework **15**, these ends are preferably bent into parallelism with the respective sides of the framework at **19**, so that these parts may be secured together by edge welding.

With the parts secured together as illustrated, about one fourth of the circumference of the base member **10** will underlie each of the four pockets formed between the arms and periphery of framework **15** (see Figure 2), and when milk bottles or other articles are guided into position and laterally positioned and supported by framework **15** as illustrated in Figure 3, their bottoms will rest upon the supporting wire of base member **10**. There is thus provided a very light and sturdy support of inexpensive construction.

While the invention has been described primarily in relation to a single specific embodiment, persons skilled in the art will recognize that various modifications and refinements are available, and we therefore wish to have it understood that this invention is not to be limited in interpretation, except by the scope of the following claim.

We claim:

In a carrier for bottles and the like, the combination comprising a supporting base member comprising a circular annular horizontal wire support having a radially inward extension from its periphery and a stem extending centrally upwardly from said inward extension, and a lateral confining framework comprising angularly bent wire elements secured at their apices in opposed symmetrical relationship to said stem and a surrounding peripheral wire element of substantially square shape secured to the outer ends of said angularly bent elements, said lateral framework providing separate pockets to receive articles guided into position and laterally supported thereby, and said separate pockets overlying said horizontal annular support, whereby the weight of said articles is supported by said horizontal annular support while they are maintained in position upon said support by said confining framework.

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