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W. M. BASSICHIS
BOTTLE CARRIER GRILL

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2,404,685

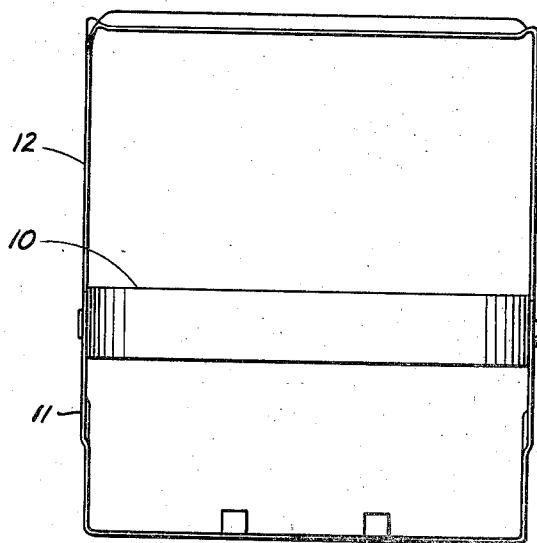


Fig. 2

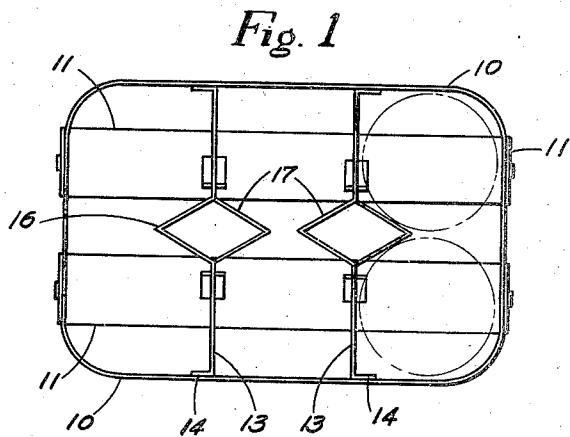


Fig. 1

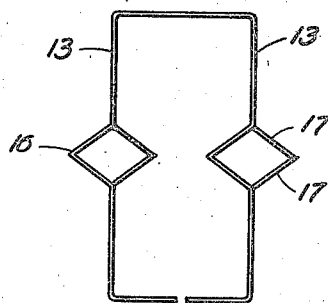


Fig. 4

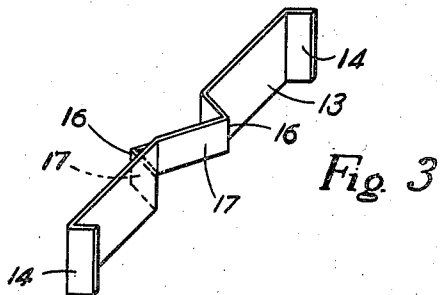


Fig. 3

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BOTTLE CARRIER GRILL

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Application November 27, 1944, Serial No. 565,256

1 Claim. (Cl. 224—48)

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This invention relates broadly to bottle carriers and more specifically to improvements in the grill or bottle separator for carriers of the type illustrated in my copending application, Serial No. 560,431, filed October 26, 1944, and entitled "Bottle carrier."

One of the objects of the invention is to provide a grill member which is designed for engagement with the side walls of four contiguous bottles and further designed to effect the maximum conservation of space within the carrier.

Another object of the invention is to provide a grill which is fabricated from a single bar and designed to afford the support of a plurality of bottles arranged in longitudinal and transverse rows.

Another object of the invention is to provide a bottle separator which is susceptible of ready modification to accommodate the support of bottles of different diametric dimensions.

A further object of the invention is to construct a bottle separator which is economical of manufacture, light in weight and durable of structure.

Other objects and advantages more or less ancillary to the foregoing and the manner in which all the various objects are realized will appear in the following description, which considered in connection with the accompanying drawing, sets forth the preferred embodiment of the invention.

Referring to the drawing:

Fig. 1 is a plan view of the bottle carrier embodying the present invention;

Fig. 2 is a side elevational view thereof;

Fig. 3 is a view in perspective of one of the bottle separators embodying the present invention; and

Fig. 4 is a plan view of a separator of alternate form.

Referring first to Fig. 1, the bottle carrier comprises a continuous band or loop 10 constructed from relatively light strip material and formed to envelope a plurality of bottles arranged in columnar order. The end walls of the loop are provided with legs or U-shaped cradle arms 11 pivotally or otherwise attached to the band and disposed for the support of the base portions of the bottles assembled in the carrier. The loop 10 is further provided with a handle 12 preferably formed for pivotal movement to accommodate the

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ready assembly of the bottles within the carrier during the loading operation. The bottles are held in spaced relation with each other by separators 13 constructed from strip material formed, as shown in Fig. 1, with right angle flanges 14 for securement to the side walls of the loop 10 or, if desired, from a continuous strip bent in rectangular form for engagement within the loop.

As will be seen in Fig. 3, the strip from which the separators 13 are formed is split longitudinally throughout the major portion of its length, the top and bottom walls adjacent the kerf being bent outwardly to form V-sections 16 disposed in opposed relation with each other and configured for partial engagement with the side wall of the contiguous pairs of bottles assembled in the carrier.

When it is desired to use the carrier for the support of bottles of variable size the side walls 17 of the V-sections 16 may be pinched together to effect the requisite clearance between the supporting elements and the bottles or laterally distended for more intimate engagement therewith.

Although the foregoing description is necessarily of a detailed character, in order that the invention may be completely set forth, it is to be understood that the specific terminology is not intended to be restrictive or confining, and that various rearrangements of parts and modifications of detail may be resorted to without departing from the scope or spirit of the invention as herein claimed.

I claim:

A bottle carrier comprising a band formed to envelope the upper portions of a plurality of bottles arranged in two parallel rows of equal length, U-shaped cradles depending therefrom for engagement with portions of the bottoms of bottles and bottle separators secured to the inner side walls of said band, said separators being formed of strips of metal split longitudinally and bent outwardly in opposite directions for engagement with the portions of the bottles that confront the outer side walls of the bent portions of the separators, said strips being formed of a ductile metal to facilitate modification of the shape of the bent portions thereof and thus accommodate the support of bottles of different size.

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