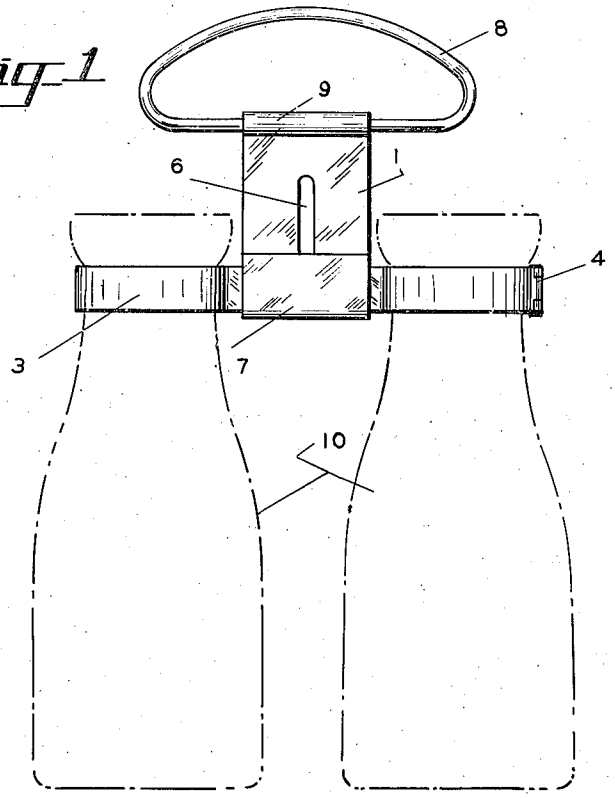
April 23, 1946. R. MARTINEZ 2,398,948

BOTTLE CARRIER

Filed Nov. 27, 1944

Fig 1



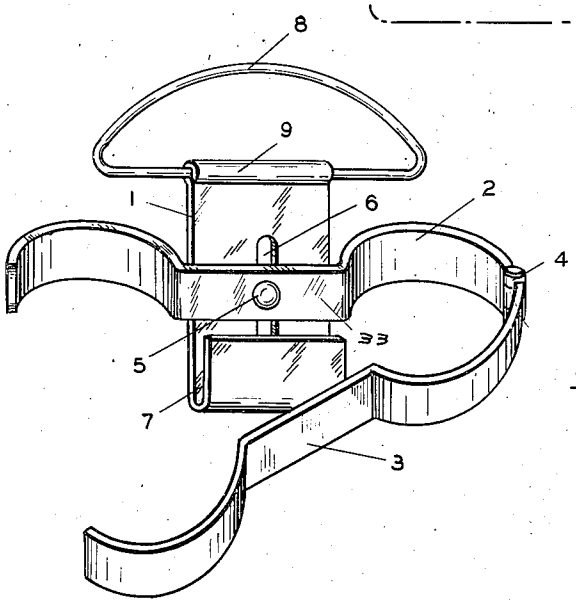


Fig 2

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BOTTLE CARRIER

Rafael Martinez, Vancouver, Wash.

Application November 27, 1944, Serial No. 565,219

1 Claim. (Cl. 224—45)

This invention relates to a bottle carrier that is principally useful for carrying several bottles at a time by hand, when several steps must be taken with them.

It is an object to produce a carrier for bottles, such as milk bottles being carried by vehicle for doorstep delivery, that can be attached to two milk bottles without using more time than would be required to grasp the same bottles with the hand and that, further, will release the bottles by a slight downward push on a porch floor or similar surface. The carrier must also be so constructed that it will be impossible for the bottles to fall out.

By using two of these carriers, a deliverer can carry four bottles in one hand, or eight with two hands, though as a usual thing four will be the most that are delivered at one doorstep; and since it is common for gates to have to be opened or screen doors unlatched, one free hand will save a lot of breakage.

I accomplish the objects named and others that will be apparent by the structure shown in the accompanying drawing, in which—

Fig. 1 is a side elevation of the carrier showing two bottles locked in, the bottles being in dotted outline; and

Fig. 2 shows the structure of the carrier in Fig. 1 in perspective, without the bottles, the carrier being open ready to lock onto two bottles.

Further describing the drawing:

A flat metal shank member is rebent at 7 to form a hook, the space between the shank and the hook being a neat fit for the bottle-loop 2 as shown in Fig. 1, the portions 3 and 33 of the bottle-loop 2 being held therein; and the fit should be sufficient to support the shank 1 and its attached handle 9, requiring a light push against the top 9 of the shank 1 to push the parts out.

The shank 1 will be provided with a slot such as 6 within which the rivet 5 will be slidably mounted. If preferred, more than one slot or equivalent means may be substituted. The bottle-loop 2 is made of flat metal banding in two parts as shown at 3 and 33, and the band parts are bent into half loops at their respective ends, so that they are counterparts, hingedly connected together at one end with their other ends free.

The loops at opposite ends of the parts 3 and 33 will be spaced the same as a bottle crate with a grid to hold the bottles out of actual contact. To use the one shown in Fig. 2, which is made right handed, the first finger goes behind the left hand back loop, right under where numeral 1 is placed with the third or fourth finger correspondingly under where numeral 2 is placed; then with the thumb of the same right hand under the edge indicated by the lead-line from numeral 3, the carrier can be clamped to a pair of bottles by a single motion of one hand and the hook 7 pulled up to hold the parts securely until the downward push releases them in the very act of setting them down to complete the delivery.

Quite a number of carriers have been heretofore proposed, but they took more time than it did for the driver of a milk vehicle to grab the requisite number of bottles and start his run towards the porch, setting them down, usually in the dark, when he arrived. This carrier does not take more time and is deemed well worth while because of the breakage and coincident savings of both milk and time when a bottle slips from the deliveryman's grasp. As is usual, those held responsible for their count will quickly learn to handle the carrier.

Having fully disclosed my invention so that it can readily be made and used, what I claim as new and desire to secure by Letters Patent, is:

A bottle carrier comprising two flat metal members hinged together at one end and bent to form equal half-loops equally spaced apart with their center parts between the loops lying parallel and close together, a hooked shank member slidably attached to one of said flat metal members so that the central parts of both members are slidable into and out of the hook selectively, to hold bottles in the loops or either of them and to concurrently release the loops from holding effect by way of the loops when the said central parts are slid out of the hooked shank.

RAFAEL MARTINEZ.