Feb. 1, 1949. S. PETYAK 2,460,530

CONTAINER CARRIER

Filed Feb. 15, 1946

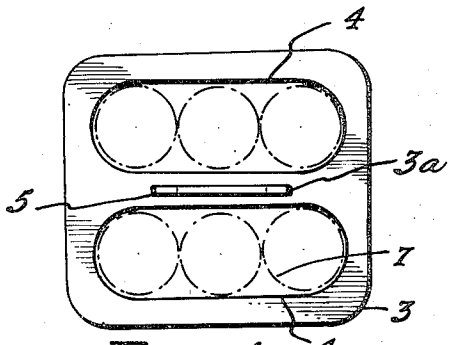


FIG. 1.

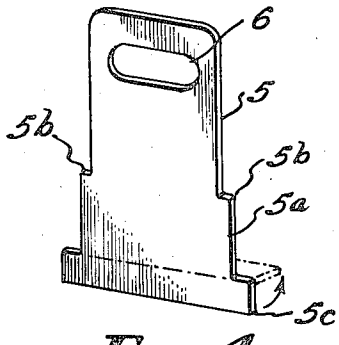


FIG. 4.

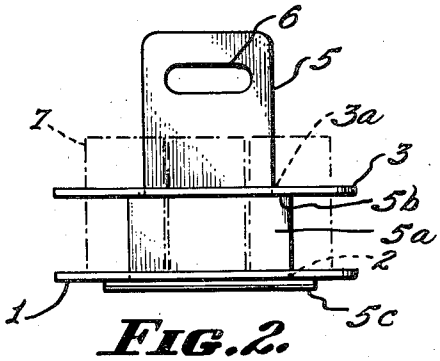


FIG. 2.

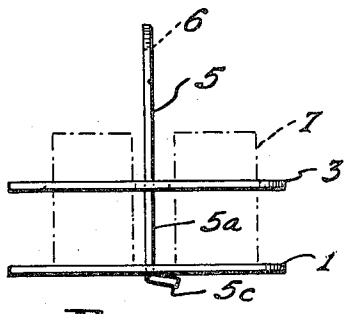


FIG. 3.

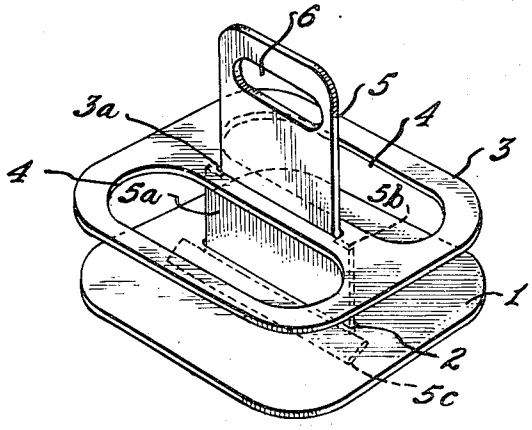


FIG. 5.

INVENTOR.
STEPHEN PETYAK.
BY Allen & Allen
ATTORNEYS.

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CONTAINER CARRIER

Stephen Petyak, Fort Mitchell, Ky.

Application February 15, 1946, Serial No. 647,918

1 Claim. (Cl. 224—48)

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The present invention relates to the same subject matter as my Patent No. 2,443,116, dated June 8, 1948. In that case there was provided a holder for cans in which there was a supporting base, a retainer in the form of a flat piece with cut away portions to receive the upper portions of cans resting on the base, and a handle device which served for carrying the base and provided, at the same time, for maintaining a spacing of the retainer away from the base.

My present invention is a modification of the device shown and described in the said patent having advantages in economy of manufacture and cost of material. In the present invention instead of using a cord or wire with ends enlarged to hold the base, and with enlargements against which the retainer will rest, I use instead a piece which may be of the same board of which the rest of the carrier is made. This piece engages the base so as to support it, passes through the base and the retainer, and by ledges effects the spacing of the retainer, and terminates in a handle opening at its end for grasping in lifting or carrying the carrier.

I have shown a preferred form of the improvements in the attached drawings but it should be understood that this is but one form of suitable device, and that it is but an example of the novelty inherent therein, which will be set forth in the appended claim.

In the drawings:

Figure 1 is a plan view of the assembled carrier.

Figure 2 is a side view thereof.

Figure 3 is an end view thereof.

Figure 4 is a perspective of the handle member.

Figure 5 is a perspective of the assembled carrier.

The supporting base is in the form of a flat piece 1, preferably of paper board, which has a slot 2 therein. The retainer is in the form of a flat piece 3, preferably of paper board which has a slot 3*a* therein, and also has two openings along its sides as at 4, in which openings the cans to be supported by the device will be held.

The size of the base and retainer and of the openings 4 will be arranged to accommodate the particular objects to be carried, so that a set of them, say for example six cans, can be arranged, as illustrated in the drawings, and each set of three snugly retained in position by the walls of the two openings 4.

As noted in my first application, it is important that the retainer be maintained in a position away from the base, and also in a position above

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the center of gravity of the cans or whatever containers are to be carried.

I provide a carrying handle and spacer in the form of a piece of flat material, which may also be of paper board like the rest of the device. This piece has an upper portion 5, which has a handle hole 6 cut therein near its upper end. It has a wider portion 5*a*, presenting two shoulders 5*b*, and terminates in a still wider portion 5*c* in the form of a base flap.

The slot 2 in the base is the size approximately of the portion 5*a* of the carrying handle. Thus when the handle is thrust up through the slot 2 in the base, it will catch and hold by means of the wider portion of flap 5*c*. This flap preferably has a score line defining it from the portion 5*a*, and hence will fold under the base when the carrier is filled and is set down on a support.

The slot 3*a* in the retainer is of the size approximately of the portion 5 of the handle member and will rest on the shoulders 5*b* thereof, which defines the spacing of the retainer from the base when the handle member is thrust also through the slot 3*a*. This will then leave the hand hole exposed and adequately spaced from the position where the tops of the articles to be carried will be located.

As illustrated when the handle member has been thrust into position, the device may be loaded with cans, as illustrated by the cans 7, and will hold them snugly in place.

There is ample strength in the projections of the flap 5c to hold a complement of six, eight or ten cans of food, beer or the like, or glass vessels, as the case may be. The whole structure can be cut out of paper board and there is no task of assembly by the manufacturer. The pieces are simply packed together in a flat bundle. When the user wishes to set up the carrier he simply inserts the handle member through the base and retainer and then places his cans in position. The whole structure is quite surprisingly rigid when filled with cans, and can be carried readily by means of the hand hole on the handle member.

Instead of using the slot 2 and the wider portion or flap 5c, for engaging the base, a more fully set up structure may be attained by providing for the flap 5c to be the width of the portion 5*a*, but stapling this flap on top of the base, so that the handle member may be swung up into position to be thrust through the retainer when desired. It is not believed to be necessary to illustrate this modification. It would not be as strong as the fully knock down form illustrated because of the leverage on the staples or rivets. In the

preferred and illustrated form the strain is directly longitudinal of the handle member.

It will extend the life of the handle element if the score line of the part 5c be reinforced with gummed tape, which profitably may be extended to the ends of the laterally projecting tabs.

Having thus described my invention, what I claim as new and desire to secure by Letters Patent is:

A carrier comprising a base portion consisting of one flat piece of material, a retainer portion consisting of one flat piece of material having a lateral opening along each side for embracing articles located on the base, and a handle member, said handle member being one flat piece of material, said base and retainer portions having central slots therein, for passage of the handle member, said handle member being wider than the base slot, at one of its ends, wider than the retainer slot between its ends, and having a portion of the dimension to pass through the retainer slot, said portion extending far enough to clear the tops of articles located on the base and engaged by the retainer openings, the extended portion having a hand grip portion.

STEPHEN PETYAK.

REFERENCES CITED

The following references are of record in the file of this patent:

UNITED STATES PATENTS

Number	Name	Date
D. 110,691	Dudley	Aug. 2, 1938
1,896,677	Myers	Feb. 7, 1933
2,365,914	Stigler	Dec. 26, 1944
2,372,871	Whitacre	Apr. 3, 1945
2,399,549	Kerns	Apr. 30, 1946
2,416,999	Keith et al.	Mar. 4, 1947
2,431,713	Stigler	Dec. 2, 1947