June 16, 1953 E. RICE ET AL 2,642,245

GARBAGE PAIL HOLDER

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Fig. 1

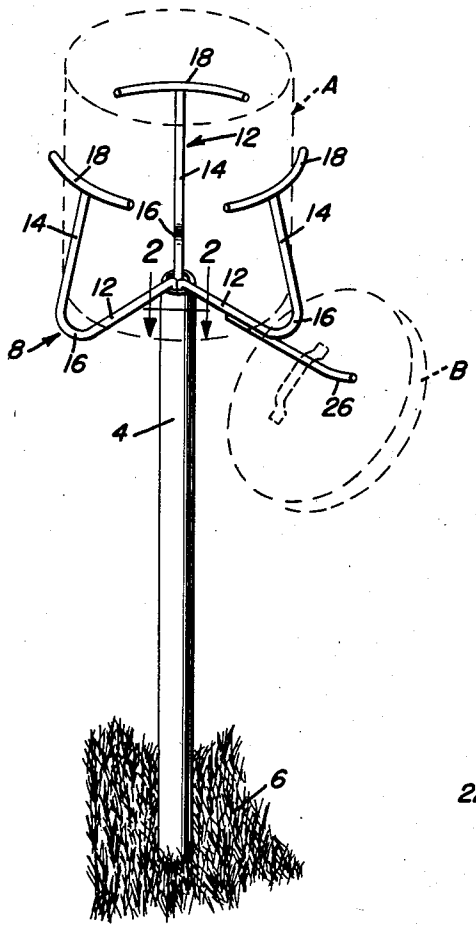


Fig. 2

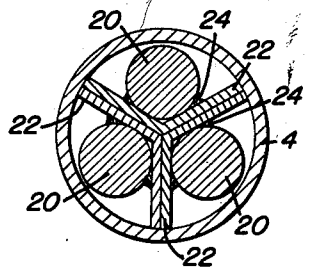
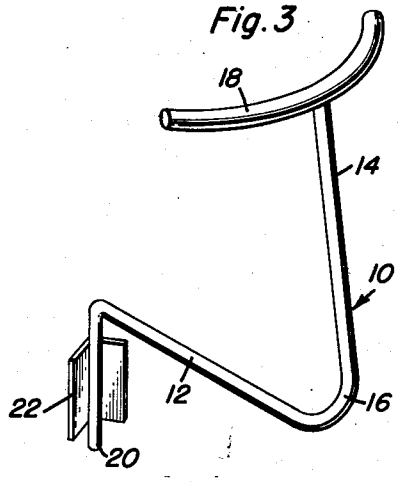


Fig. 3



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GARBAGE PAIL HOLDER

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2 Claims. (Cl. 248—150)

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The present invention relates to certain new and useful improvements in garbage pail holders and has more particular reference to the style of holder wherein means is provided to embrace and support the pail in an elevated position above the ground completely out of reach of cats, dogs, and other pests.

Admittedly, it is old in the art to utilize an openwork rack and to support the same atop a ground anchored post or equivalent support. It is an object of the instant invention to structurally, functionally and otherwise improve upon known types of holders having the structural characteristics broadly stated.

Another object of the invention is to provide a novel and improved knock-down holder. Usually, holders in this field of endeavor, have fingers and other types of bracket means atop the upright or post and the parts are fixed together. It is more desirable to make the individual parts separate and to be able to assemble them on the job and in this way to better solve the problem of packing, shipping and otherwise handling. It is consequently, an important achievement in the instant matter to provide a knock-down pail holder construction.

A more general object is to structurally and functionally improve on prior art devices and to provide a structure in which manufacturers and users will find their primary needs fully met, contained and satisfactorily available.

Briefly summarized, the invention comprises a tubular post or equivalent upright and several insertable and removable especially designed fixtures. The latter are assembled in circumferentially spaced relation and are capable of being installed and erected with requisite efficiency and ease. When fully assembled and erected the complete holder constitutes a satisfactory stand for trash cans, buckets, garbage pails and the like.

Other objects and advantages will become more readily apparent from the following description and the accompanying sheet of illustrative drawings.

In the drawings:

Figure 1 is a perspective view of a stand-type garbage pail holder constructed in accordance with the invention showing the manner in which same is set up for use and used;

Figure 2 is an enlarged cross-section on the horizontal line 2—2 of Figure 1, looking in the direction of the arrows; and

Figure 3 is a perspective view of one of the insertable and removable fixtures or brackets.

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Referring now to the drawings by numerals, the stand comprises a tubular or equivalent post or upright 4 whose lower end is adapted to be driven and thus anchored in the ground 6. A triple part assemblage provides the pail accommodating, gripping and holding means. This assemblage is made up of several duplicate brackets or fixtures. These are put into place or removed and by being separately constructed and assembled they solve, as stated, the manufacturers' problem of simple handling, packaging and shipping. Each fixture is the same in construction and there are several of them and they are denoted by the numerals 8, 10 and 12. Since each fixture is the same in construction, a description of one will suffice for all. Reference is had, therefore, to Figure 3 which shows a fixture constructed essentially from a length of wire rod of appropriate gauge. The main portion is approximately L-shaped and includes a horizontal limb 12 and a vertical limb 14, the two limbs joined by a bendable joint 16. By making the metal bendable, the vertical limb 14 may be adjusted toward or from the axial center of the post in order to accommodate buckets and pails of different diameters, shapes, and sizes. An arcuate brace of appropriate curvature and dimensions and denoted at 18 is secured to the upper end of the vertical limb. This is adapted to conform to and satisfactorily embrace the pail A. The inner end of the radial or horizontal arm 12 is provided with a depending adapter extension 20 and this is adapted to telescope into the upper end of the tubular upright and it is provided with a V-shaped adapter clip 22. By bringing the several clips together into a cluster they abut one another in hub-like form as best shown in Figure 2. It is obvious, of course, that the adapter extensions 20 are welded or otherwise joined at 24 to the crotch portions of the respective adapter clips. With the clips nested together the several fixtures are attached and provide a three-way rack for the can or pail.

One of the fixtures or brackets, the one denoted at 10 for example, is provided with a hanger hook which is welded in place in the manner shown. The hook 26 provides a suitable support for the lid or cover B of the pail.

It follows, therefore, that the several rack constructing fixtures are independent and insertable and removable and when applied provide the assembly shown in the drawings. This, in turn, provides satisfactory holding rack for the pail.

It is thought that persons skilled in the art

to which the invention relates will be able to obtain a clear understanding of the invention after considering the description in connection with the drawings. Therefore, a more lengthy description is regarded as unnecessary.

Minor changes in the shape, size and arrangement of details coming within the field of invention claimed may be resorted to in actual practice, if desired.

Having described the invention, what is claimed as new is:

1. As a new article of manufacture, a readily attachable and detachable bracket for use in association with the rack assembly of a stand-type garbage pail support comprising a rigid wire rod bent between its ends to provide horizontal and vertical limbs, the free end of the vertical limb being provided with a rigid arcuate pail embracing grip, said free end being joined with said grip at a place midway between the opposite ends of said grip, the free end of the horizontal limb being provided with a lateral depending terminal, and a substantially V-shaped adapter clip, said terminal being located in and permanently attached to the crotch portion of said clip.

2. In combination, a ready-to-erect garbage pail holder of a knock down easy-to-ship type comprising a tubular upright, a plurality of circumferentially spaced rack forming brackets wherein each bracket is readily attachable to and detachable from said upright, said brackets having horizontal radial limb portions and said limb portions being provided at their coacting inner adjacent ends with depending terminals, and a substantially V-shaped adapter clip for each terminal said terminal being located in the crotch portion of the clip and being permanently attached to the clip, all of said clips being clustered together with their complemental portions in direct frictional engagement with each other, and said clustered assemblage of clips fitting, as a unit, telescopically and removably in the upper end portion of the axial bore of said upright, said clips having binding frictional engagement with the wall of said bore, and said limb portions resting on the upper end of said upright.

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