June 1, 1954 O. R. ROWE ET AL 2,679,996

HOLDER FOR GARBAGE CANS AND THE LIKE

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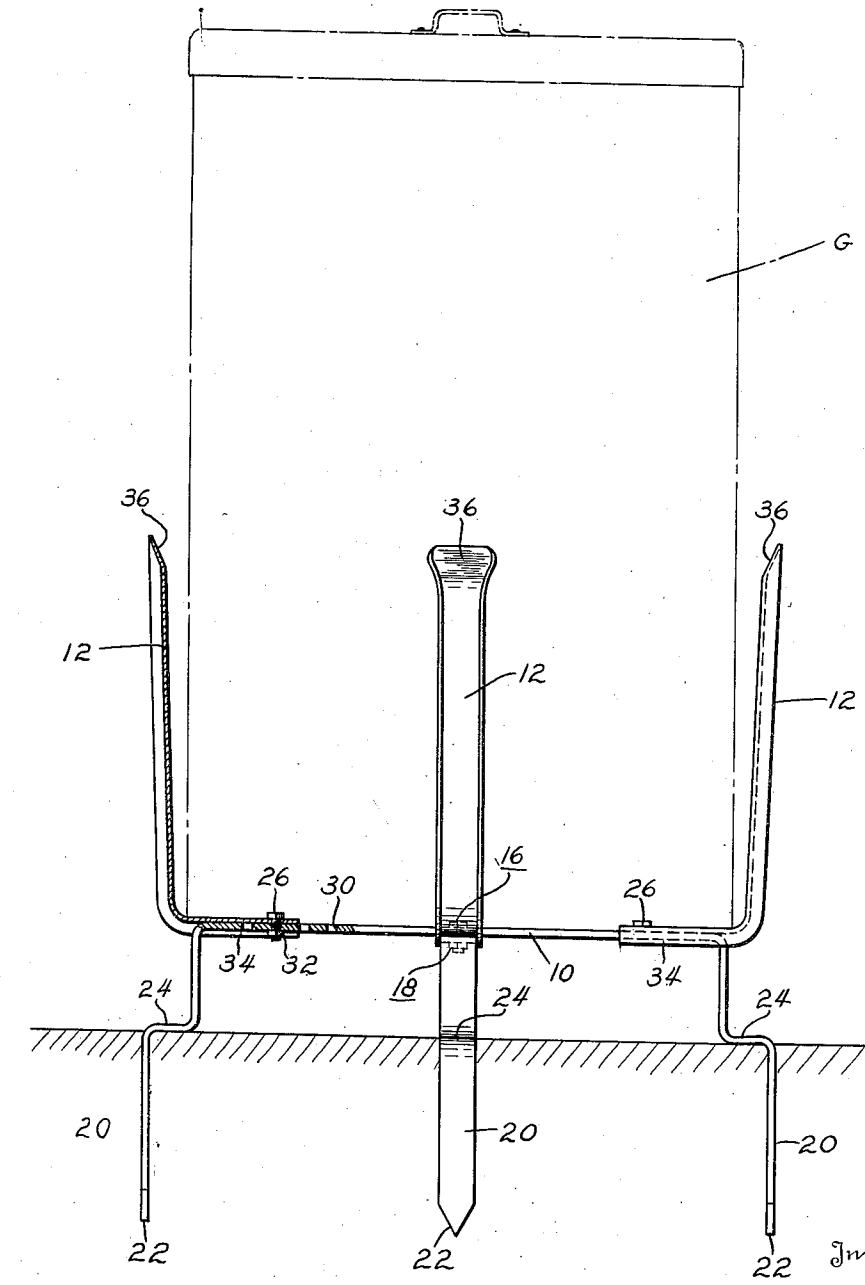


Fig. 1

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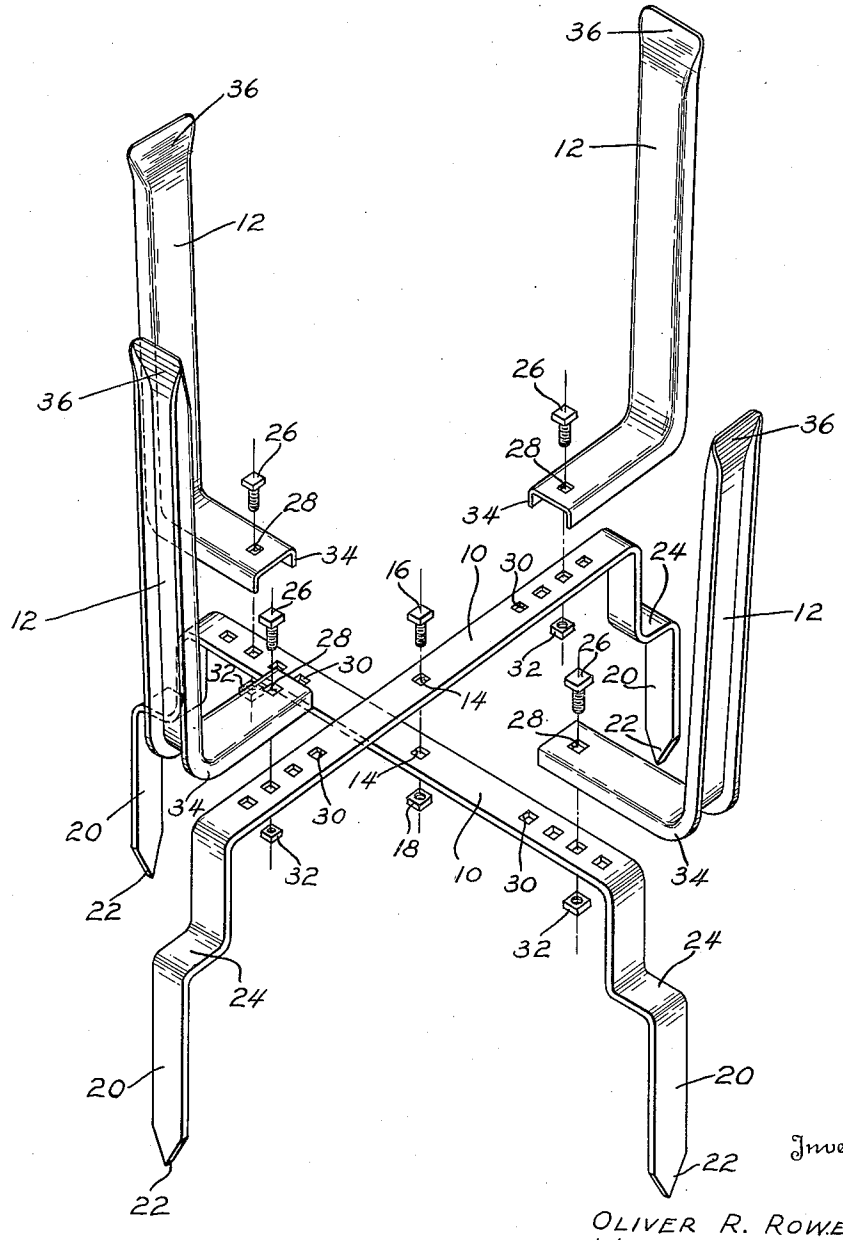
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Fig. 2



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HOLDER FOR GARBAGE CANS AND THE LIKE

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2 Claims. (Cl. 248—149)

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This invention relates to holders for garbage cans and the like, and more particularly to an improved construction for a holder of this type by which the holder structure is uniquely arranged so that it may be supplied in knocked-down condition and still be easily assembled and installed without requiring any special tools or any special preparation of the assembly site.

Briefly described, the garbage can holder of the present invention comprises simply a pair of crosslegs which are adapted for assembly midway of their length in angled relation for forming a horizontally disposed base structure, and substantially vertical uprights adjustably assembled adjacent each end of the crosslegs for retaining a garbage can or the like on the supporting base structure. Each of the crosslegs is formed with vertically depending end portions which are adapted for anchoring the supporting base structure in the ground, and these depending end portions are preferably stepped intermediate their length so as to provide an abutment for locating the supporting base structure at a spaced distance above the ground, and also to provide a convenient bearing surface for use in securing these end portions in the ground.

The present invention is described further below in connection with the accompanying drawings in which:

Fig. 1 is a side elevation, partly in section, illustrating the installed arrangement of a garbage can holder constructed in accordance with the present invention; and

Fig. 2 is an exploded assembly view in perspective illustrating further the form and relation of the various elements of the garbage can holder shown in Fig. 1.

As previously mentioned, the garbage can holder of the present invention comprises a pair of crosslegs which are indicated in the drawings by the reference numeral 10, and substantially vertical uprights assembled adjacent each end of these crosslegs 10, as indicated in the drawings by the reference numeral 12.

The crosslegs 10 are adapted for assembly midway of their length by suitable apertures 14 provided for receiving an assembly bolt 16 that may be secured in place by a nut or the like as at 18. This arrangement allows the crosslegs to be assembled in angled relation for forming a horizontally disposed supporting base structure for a garbage can G or the like as illustrated in Fig 1.

Each of the crosslegs 10, as mentioned above, are formed with depending end portions as at

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20, which may be pointed at their lower ends, as at 22, to facilitate insertion in the ground for anchoring the supporting base structure formed by the crosslegs 10 in place. The depending end portions 20 are further preferably formed with a stepped shoulder portion intermediate their length, as at 24, to provide an abutment for spacing the supporting base structure formed by the crosslegs 10 at a suitable distance above the ground. Also these shoulder portions 24 are preferably stepped outwardly so that they provide a conveniently accessible bearing surface for use in forcing the depending end portions 20 into the ground when the garbage can holder of the present invention is being installed for use.

The vertical uprights 12 are adjustably assembled adjacent the ends of the crosslegs 10 by assembly bolts 26 which fit through apertures 28 in the uprights 12 and through any one of a series of spaced apertures 30 arranged adjacent the ends of the crosslegs 10, and which are secured in place by nuts as at 32. The nuts 32 may be easily manipulated by hand in assembling the uprights 12 in place.

The crosslegs 10 are formed according to the present invention with a generally rectangular cross section, while the uprights 12 are shaped with a channel form providing flanges as at 34 between which the rectangular cross section of the crosslegs 10 may be nested for aligning engagement so that the uprights 12 only require one assembly bolt 26 to fix them in place, which further simplifies the assembly and adjustment of the uprights 12. The series of spaced apertures 30 are arranged at the ends of the crosslegs 10 in equally spaced pattern in relation to the center assembly apertures 14 so that the uprights 12 may be assembled on the crosslegs 10 at a selected position to adjust them for accommodating a given size of garbage can G to be placed in the holder. The upstanding portion of these uprights 12 is preferably formed to incline slightly outwards, as shown, and the upper end of the uprights 12 has a beveled form as at 36 to facilitate insertion of a garbage can G in the holder.

The holder structure of the present invention is accordingly constituted by only two crossleg members 10, and four upright members 12, together with five assembly bolts 16 and 26, all of which may be easily and conveniently handled and packaged in knocked-down condition until ready for use. When ready for use, it is only necessary in installing the holder to assemble the

crosslegs 10 in angled relation by securing the assembly bolt 16 in place and then pressing the depending end portions 20 of these crosslegs 10 in the ground, after which the uprights 12 can be secured on the crosslegs 10 by the assembly bolts 26 at the proper adjusted position for the size of the garbage can G to be held. All of these details of installation may be performed easily by anyone because they require no special tools or preparation of the installation site, and yet the holder structure provided by this arrangement is exceptionally strong and serviceable.

We claim:

1. A device of the character described for holding garbage cans and the like comprising a pair of crosslegs assembled in angled relation midway of their length, means detachably securing said crosslegs in said angled relation and thereby forming a horizontally disposed supporting base structure, each of said crosslegs being formed with vertically depending end portions having pointed lower ends adapted for insertion in the ground and for thereby anchoring said supporting base structure securely with respect to the ground, said depending end portions also having outwardly stepped shoulders formed intermediate their ends for spacing said supporting base structure above the ground and for providing a bearing surface on which force may conveniently be applied to insert said end portions in the ground, a pair of substantially vertical uprights for each of said crosslegs, said uprights each having a laterally extending bottom portion assembled on the horizontal portion of said crosslegs adjacent each end thereof for retaining a garbage can or the like on said supporting base structure, and means detachably securing the bottom portion of said uprights on said crosslegs, said uprights being shaped with a channel form fitting over the cross sectional form of said crosslegs for aligning engagement therewith at said bottom portion.

2. A device of the character described for holding garbage cans and the like comprising a pair of crosslegs, a first fastening means detachably assembling said crosslegs in angled relation midway of their length and thereby forming a horizontally disposed supporting base structure, each of said crosslegs having a rectangular cross section and being formed with vertically depending end portions having pointed lower ends adapted for insertion in the ground and for thereby anchoring said supporting base portion securely with respect to the ground, a pair of substantially vertical uprights for each of said crosslegs, said uprights each having a laterally extending bottom portion and having a channel shaped cross section fitting over the cross sectional form of said crosslegs, said crosslegs being formed adjacent each end for selective assembly with said uprights at a plurality of regularly spaced positions in relation to said first crossleg fastening means, and single additional fastening means detachably assembling each of said uprights at said bottom portion on said crosslegs at corresponding selected positions for retaining a given size of garbage can or the like on said supporting base structure, the channel shape of each of said assembled uprights being nested at said bottom portion on said crosslegs in aligning engagement therewith and being thereby maintained in place by said single additional fastening means.

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