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2,466,416

GARBAGE CAN RACK

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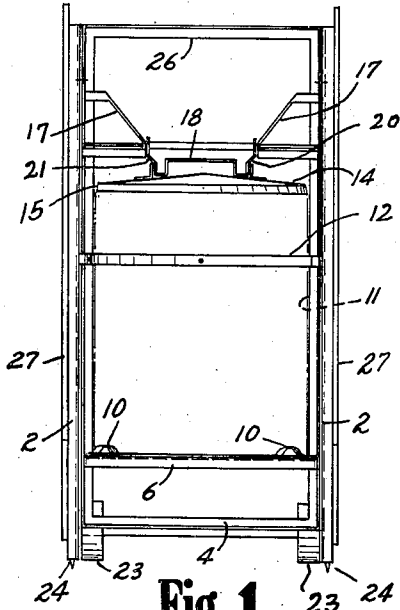


Fig 1

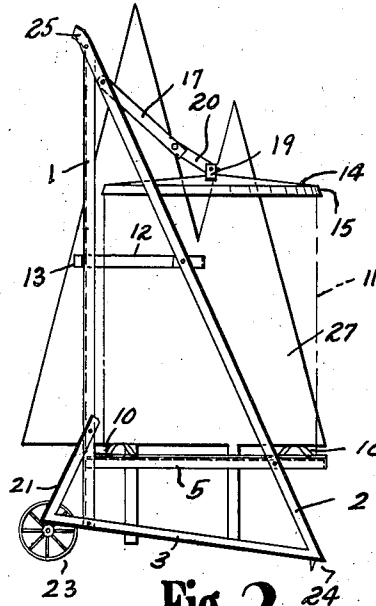


Fig 2

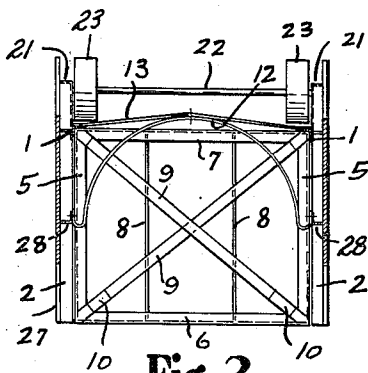


Fig 3

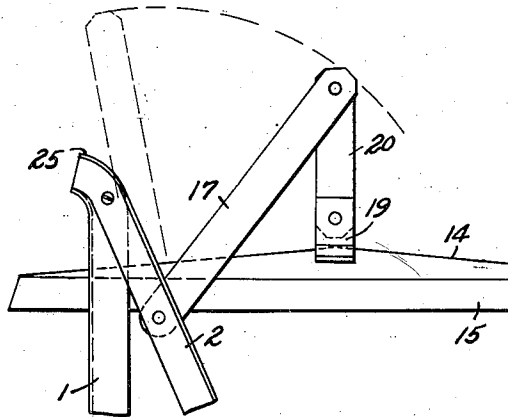


Fig 4

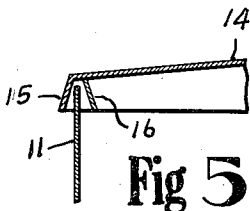


Fig 5

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GARBAGE CAN RACK

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3 Claims. (Cl. 248—147)

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This invention relates to a garbage can rack.

An object of the invention is to provide a garbage can rack, or holder, shaped to receive a garbage can and to maintain it in secure upright position.

Another object of the invention is to provide a rack of the character described which is portable whereby the garbage can may be readily moved from place to place.

It is another object of the invention to provide a garbage can rack with means for connecting the can cover thereto whereby said cover may be swung into open position, for emptying the can, or into closed and locked position on the can.

With the above and other objects in view the invention has particular relation to certain novel features of construction, arrangement of parts and use, an example of which is given in this specification and illustrated in the accompanying drawings, wherein:

Figure 1 is a front elevational view.

Figure 2 is a side elevation.

Figure 3 is a top plan view, shown partly in section.

Figure 4 is an enlarged, fragmentary, side view; and

Figure 5 is an enlarged, fragmentary, vertical sectional view.

Referring now more particularly to the drawings wherein like numerals of reference designate the same parts in each of the figures, the numerals 1, 1 designate the rear upright frame members of the framework and the numerals 2, 2 the front frame members. These frame members are fastened together, at their upper ends, in any suitable manner and they diverge downwardly. They are connected, on each side, by similar bottom bars, as 3, which may be secured thereto in any preferred manner as by welding, or riveting, and the bars 3 extend rearwardly beyond the rear frame members 1, 1, as shown in Figure 2, and for a purpose to be hereinafter stated.

The sides of the rack are, therefore, triangular, as above described, and these sides are connected, at their lower ends, by similar cross-bars, as 4, which may be welded, or otherwise secured, thereto. The bottom bars 3 and 4 form a rectangular frame which inclines forwardly, as shown in Figure 2, and spaced above this rectangular frame there is a horizontal rectangular frame composed of the side bars 5, 5 and the front and rear bars 6, 7 which are suitably secured together and which are also secured to the frame members 1 and 2 on each side.

The front and rear bars 6 and 7 may be reinforced by the cross braces 8, 8 which are spaced apart and are arranged parallel with and spaced from the side bars 5.

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This horizontal frame is further reinforced by the diagonal bars 9, 9 whose ends are secured, in any preferred manner, to the corners of the horizontal frame.

Adjacent the ends of the diagonal bars they are upwardly curved forming bosses 10, 10 on which the garbage can 11, shown in dotted lines in Figures 1 and 2, is to be supported.

Spaced above the garbage can support, the required distance, there is an arcuate back rest 12 whose ends are secured in any preferred manner to the front members 2. This back rest curves rearwardly and its midportion is attached to a transverse strap 13, which is secured to the framework.

Accordingly when the garbage can is placed in the rack it will be firmly supported on its support and will be properly centered and positioned by the back rest 12.

There is a garbage can cover 14 having a marginal depending flange 15 to fit over the upper margin of the garbage can proper and also having a depending inside flange 16 arranged to fit within the upper end of the garbage can. The flanges 15 and 16, preferably, diverge downwardly so as to readily receive the upper margin of the can 11.

Above the can, and pivotally connected, at one end, to the front members 2, near their upper ends, are the side links 17, 17 and secured to the top of the cover there is an inverted U-shaped grip member 18 whose ends are up turned forming the lugs 19, 19. There are the intermediate links 20, 20 which are pivoted, at one end, to the corresponding lugs 19 and at their other ends to the other ends of the links 17.

With the lid on the can, as illustrated in Figure 2, the links 17, 20 may be forced downwardly into approximate alignment but with their pivotal connections slightly past center and they will act, with toggle lever effect, to lock the lid securely on the can. When it is desired to lift the lid said levers 17 and 20 may be pulled upwardly past center and the lid then lifted by the grip member 18 and swung rearwardly between the upper ends of the frame side members in a manner indicated in dotted lines in Figure 4 and the linkage 17, 20 will support the lid in elevated position while the can is being emptied.

As hereinabove stated the lower side bars 3 are extended rearwardly beyond the main rack and these rearwardly extended ends are braced by diagonal braces, as 21. These rear extensions form means for supporting a transverse axle 22 whereon the ground wheels 23 are fixed.

When the rack is in stationary position it will be maintained in that position against accidental displacement by means of the depending tangs 24, 24 which are fixed to the forward ends of the

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bottom bars 3 and which penetrate into the earth to hold the rack stationary.

When it is desired to transport the rack and the can mounted therein the upper rearwardly curved ends 25 of the side frames may be used as hand grips and the rack tilted rearwardly to clear the front end of the ground and it may then be moved, on the wheels 23, to any selected location.

The upper ends of the side members may be suitably connected together, and reinforced, by a cross-bar 26.

The rack may be camouflaged on each side, to give it a better appearance, by means of the side screens 27, 27 which may be of any selected design and which may be secured to the side members of the frame by suitable brackets, as 28.

The rack may be composed throughout of metal suitably riveted, or welded, together or the framework may be composed of wood, if desired, or of both wood and metal.

The drawings and description are illustrative merely while the broad principle of the invention will be defined by the appended claims.

What I claim is:

1. A garbage can rack comprising an upright frame composed of skeleton sides spaced apart, means for anchoring said sides in spaced relation, a garbage can support mounted between the sides, a back rest arranged to partially surround the can when the latter is in home position, side links jointed together on each side of the rack and pivotally connected, at one end, to the cover and at their other ends to the corresponding side members.

2. A garbage can rack comprising an upright frame open at the front to receive a garbage can, a garbage can support in the frame, side

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links pivotally connected together and arranged on each side of the frame and connected to the upper portion of the frame and to the garbage can cover said links being movable downwardly past center to lock the cover closed.

3. A garbage can rack comprising an upright frame composed of skeleton sides spaced apart, means for anchoring said sides in spaced relation, a garbage can support mounted between the sides, a back rest arranged to partially surround the can when the latter is in home position, side links jointed together on each side of the rack and pivotally connected, at one end, to the cover and at their other ends to the corresponding sides of the frame, said links being movable upwardly and rearwardly to swing the cover to open position and forwardly and downwardly past center to move the cover to closed and locked position, and depending anchors on the frame adapted to penetrate into the ground.

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