

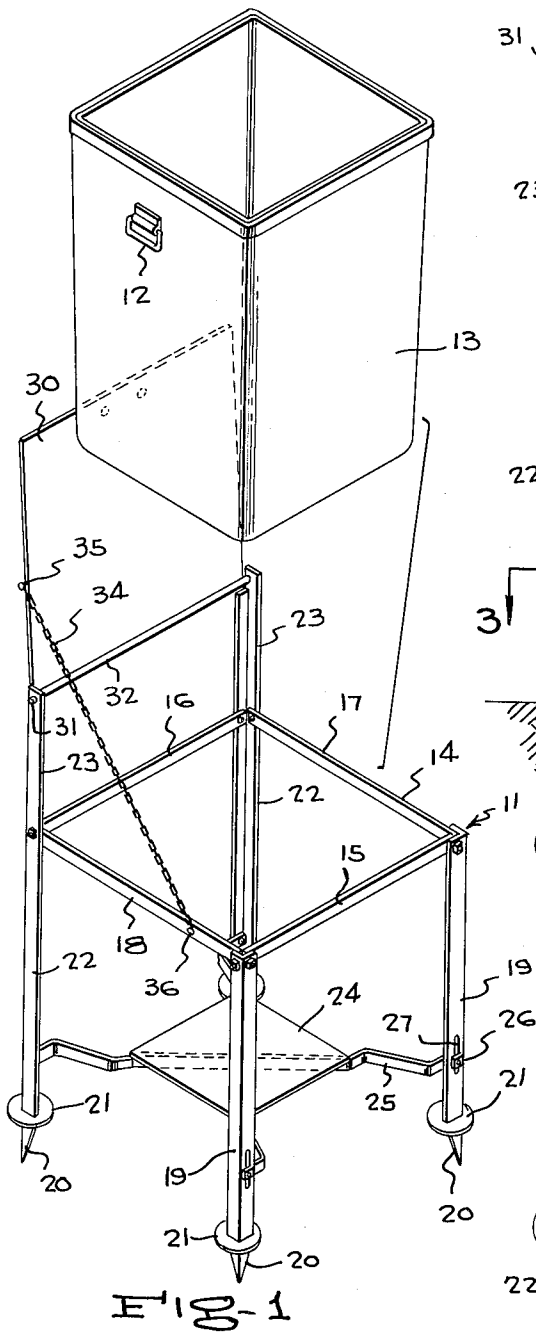
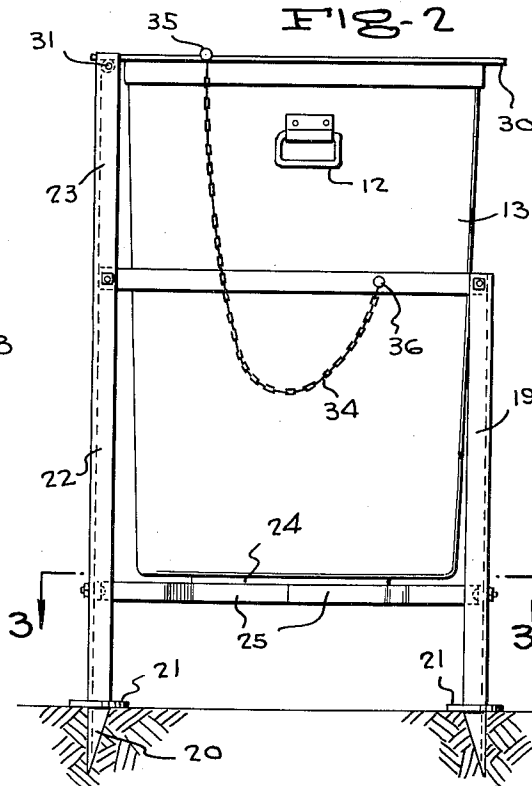
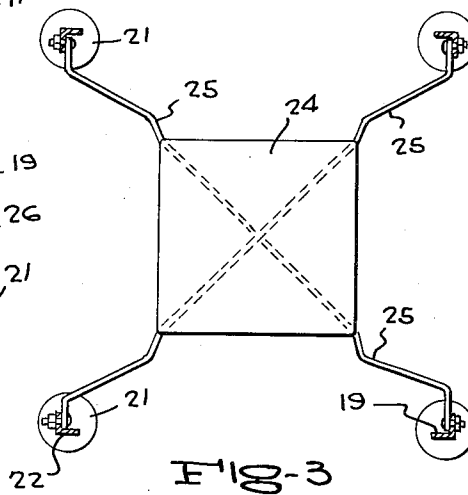
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GARBAGE CAN STAND

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GARBAGE CAN STAND

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1 Claim. (Cl. 248—149)

This invention relates to holders for retaining receptacles, and more particularly to a support for a refuse receptacle.

The main object of the invention is to provide a novel and improved garbage can holder which is simple in construction, which is easy to install in the ground, and which supports a garbage can or similar refuse receptacle in a position elevated from the ground and prevents tipping thereof.

A further object of the invention is to provide an improved support for a garbage can or similar refuse receptacle, said support being inexpensive to fabricate, being durable in construction, being provided with non-separable closure means which is effective to maintain a garbage can or similar receptacle covered while in the support, and which holds the receptacle in a secure position wherein it will not be tipped over by animals or by wind, and wherein it will not be damaged by corrosion.

Further objects and advantages of the invention will become apparent from the following description and claims, and from the accompanying drawings, wherein:

FIGURE 1 is a perspective view of an improved support for a refuse receptacle according to the present invention, with a refuse receptacle shown above the support in a position to be inserted therein.

FIGURE 2 is a side elevational view of the refuse receptacle mounted in the support of FIGURE 1.

FIGURE 3 is a horizontal cross sectional view taken on the line 3—3 of FIGURE 2.

Referring to the drawings, 11 generally designates an improved support for a refuse receptacle according to the present invention. Thus, the receptacle, shown at 13, may be of generally rectangular shape, and may be of the type provided with opposite handles 12 mounted on the upper portions of its side walls. The support 11 comprises a horizontal top frame 14 consisting of the respective front and rear horizontal bars 15 and 16 and the horizontal side bars 17 and 18. The front horizontal bar 15 is secured to the top ends of respective front supporting legs 19, 19, said legs being of rightangled cross sectional shape, and being provided with pointed bottom ends 20 to facilitate their insertion in the ground. Secured on the bottom portions of the legs 19 above the pointed ends 20 are circular washer members 21 of substantial diameter which serve to limit the penetration of the pointed ends 20 into the ground. Similar rear legs 22, 22 are provided, the rear legs 22 being substantially greater in height than the front legs 19, 19 and being connected to the ends of the rear horizontal bar 16, leaving substantial portions 23, 23 rising from the connections of the rear horizontal bar 16 thereto. The horizontal side bars 17 and 18 are respectively connected at their ends to the top ends of the front legs 19, 19 and to the rear legs 23, 23 adjacent the connections of the ends of horizontal bar 16 thereto.

Designated at 24 is a generally rectangular horizontal, receptacle-supporting plate which is mounted on the intersecting, generally diagonal horizontal cross braces 25, 25, which are in turn adjustably connected to the supporting legs 19, 19 and 22, 22 in a manner illustrated in FIGURE 1. Thus, the ends of the braces 25 are connected to the legs 19 and 22 by fastening bolts 26 extending through vertical slots 27 provided in the legs,

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so that the receptacle-supporting plate 24 may be vertically adjusted in accordance with the length of the vertical slots 27, whereby to suitably adjust the height of the supporting plate 24 in accordance with the height of the refuse receptacle to be supported in the holder 11.

The brace members 25 may be generally sinuous in shape, as shown in FIGURE 3, to improve the appearance of the refuse supporting device. The supporting plate 24 is rigidly connected to the top edges of the intersecting brace members 25 by welding, or by any other suitable fastening means. The intersecting brace members are suitably notched out at their mid portions to permit them to be crossed in the manner shown in FIGURE 3, prior to the securing of the plate to their top edges.

Designated at 30 is a generally rectangular cover plate which is hingedly connected to the top ends of the rear vertical leg members, being pivoted to the top end portions of the upstanding members 23, 23 in any suitable manner, for example, by means of a transversely extending hinge rod 31 extending through a hinge sleeve 32 provided at the edge of the plate 30, the ends of the rod 31 being secured in the top portions of the upstanding elements 23, 23. The cover plate 30 is of sufficient size to completely cover the top of a receptacle 13 received in the supporting device, for example, in the manner illustrated in FIGURE 2. A chain 34, or other suitable flexible connecting means is fastened to one side edge of the cover 30, as shown at 35, the opposite end of the member 34 being fastened to the forward portion of the side frame bar 18, as shown at 36, whereby to support the cover plate 30 in an upstanding open position at times.

To insert the receptacle 13 in the supporting device 11, the plate 30 is elevated to its open position, as shown in FIGURE 1, allowing the receptacle to be slipped through the frame 14 into supporting engagement with the horizontal plate member 24. The cover 30 may then be rotated to its horizontal closed position, as shown in FIGURE 2.

The rear legs 22, 22 are provided immediately above their pointed lower end portions 20 with enlarged circular penetration-limiting washers 21, similar to those provided on the front legs 19. Thus, the pointed ends of the legs may be engaged in the ground and the legs may be forced downwardly until further penetration thereof is prevented by the engagement of the limiting washers 21 with the ground surface, as illustrated in FIGURE 2.

As will be readily apparent, the supporting device 11 supports the refuse receptacle 13 in a position elevated above the ground, thus minimizing corrosion of the receptacle, and also supports the receptacle so that it will not be tipped over. The top cover 30 is easily raised so that the receptacle may be readily removed, when required, and may be readily replaced in the holder 11.

While a specific embodiment of an improved support for a refuse receptacle has been disclosed in the foregoing description, it will be understood that various modifications within the spirit of the invention may occur to those skilled in the art. Therefore, it is intended that no limitations be placed on the invention except as defined by the scope of the appended claim.

What is claimed is:

A support for a refuse receptacle comprising a generally rectangular horizontal top frame adapted to receive a receptacle, respective vertical supporting legs secured to the corners of the frame, the pair of legs at one side of the frame extending a substantial distance above the frame and being of common height, a generally rectangular cover plate, a hinged sleeve at one edge of said cover plate, a horizontal rod engaged rotatably through said sleeve and secured at its ends to the top ends of said pair

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of legs, the intermediate portions of the legs being formed with vertical slots at common substantial distances below said top frame, a pair of intersecting horizontal generally sinuous brace members intersecting substantially at right angles to each other, a supporting plate rigidly secured to said brace members over their intersection, the ends of the brace members extending beyond the corners of said supporting plate and extending adjacent the slotted intermediate leg portions, fastening bolts extending through said ends of the brace members and said slots and securing the supporting plate in a vertically adjusted position below the top frame in accordance with the height of a refuse receptacle to be supported on said plate, and flexible connecting means connecting one side edge of the cover plate to the forward portion of the

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frame and being of sufficient length to support the cover plate in an upstanding rearwardly rotated open position at times.

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