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GARBAGE CAN SUPPORT

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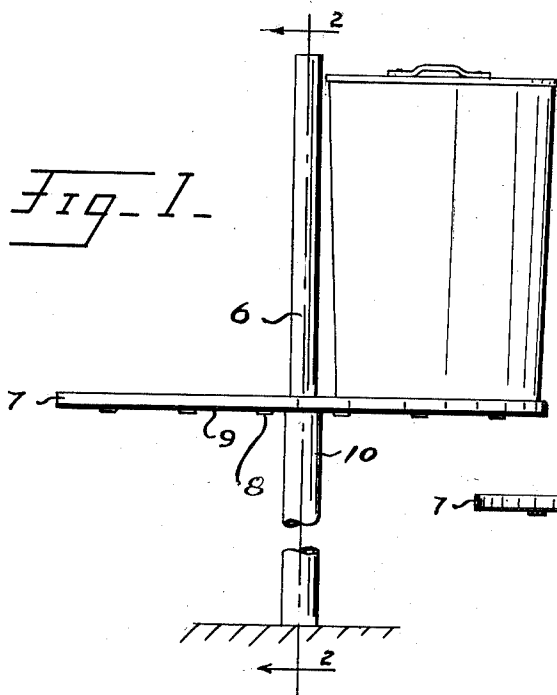
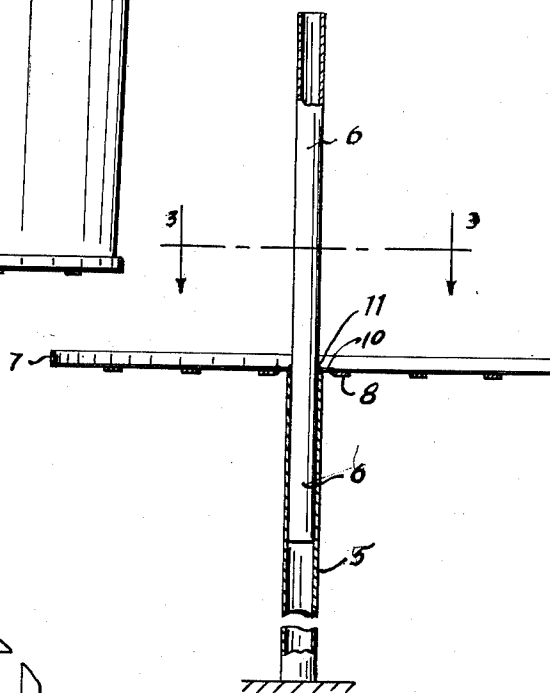
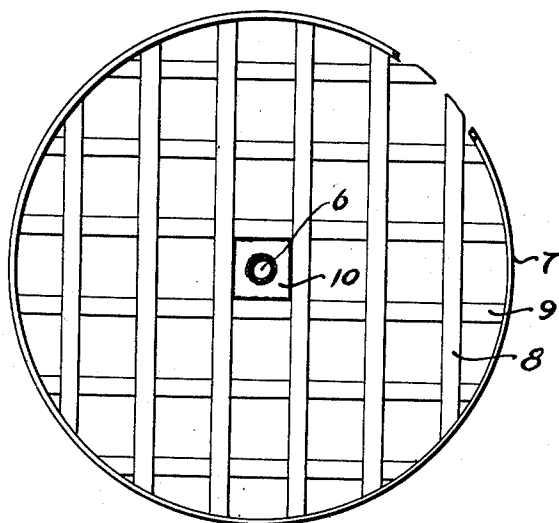


Fig. 2.

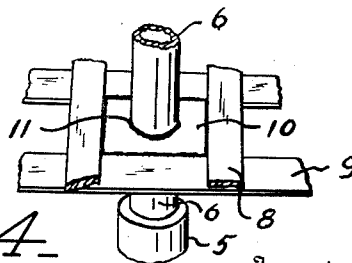


Fig. 3.

Fig. 4.

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GARBAGE CAN SUPPORT

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1 Claim. (Cl. 248—146)

1

This invention relates to a device for supporting garbage cans in elevated locations where they are not accessible to domestic animals, rodents, or the like, and an object of the invention is to provide means by which garbage cans may be removably supported on a revolving rack whereby they can be readily lifted for dumping and where they are accessible on the rack for the placing of garbage in them; it being understood that the cans will be provided with covers which will make the contents inaccessible to domestic animals or rodents and, by reason of the elevated positions, air may freely circulate around them and there is no likelihood of their becoming foul with the accumulation of deposits on or around them.

A further object of this invention is to provide a garbage can holder which is rotatably mounted and it may, of course, be installed in a manner that the supporting element may be at a convenient distance from the ground, the support and a spindle with which it is associated being applied to and removed from a hollow post which is the main support for the installation.

Another object of this invention is to provide a support of the character indicated which comprises comparatively few, inexpensive parts which are strong and durable in operation.

With the foregoing and other objects in view, the invention consists in the details of construction, and in the arrangement and combination of parts to be hereinafter more fully set forth and claimed.

In describing the invention in detail, reference will be had to the accompanying drawings forming part of this application, wherein like characters denote corresponding parts in the several views, and in which:

Figure 1 illustrates a view in elevation of a garbage can supporting element installed for use;

Figure 2 illustrates a view in elevation, partly in section;

Figure 3 illustrates a plan view of the supporting shelf; and

Figure 4 illustrates an enlarged detail view showing the installation at the joint between the post and the parts associated with it.

In these drawings 5 denotes a tubular post which is intended to be anchored or imbedded in a stationary manner for the support of the other parts of the garbage can supporting device.

A spindle 6 is rotatably mounted in the post and it supports the shelf or can supporting frame, which latter comprises a rim or flange 7 of suitable diameter, and the inventor does not wish to be limited with respect to the dimensions of the

2

can supporting instrumentality, but, in the construction, a plurality of metal strips 8 extend across the area encompassed by the flange or rim, and another series of strips 9 extend at right angles to the strips 8, so that they form supporting elements on which the cans are placed. The strips 8 and 9 have their ends secured to the under edge of the flange or rim and preferably they are secured by autogenous welding or the like, so that mechanical devices need not be employed for this purpose.

Between the edges of the inner pairs of strips 8 and 9, an apertured plate 10 is placed and secured to the edges of the said strips and this too is preferably accomplished by autogenous welding or the like, and the aperture 11 of the plate receives the spindle 6, and the said plate is secured to the spindle in like manner, so that the can securing frame or table may be rotated by reason of the rotation of the spindle in the post.

It is obvious from the foregoing description that garbage cans of any appropriate size may be supported on the turntable or can supporting element and that the supporting element may be rotated to bring the cans successively into position where the garbage collector can conveniently remove them for dumping them in his van or truck.

I claim:

In assemblages for removably supporting garbage cans, wherein one or more cans are positioned elevated from the ground surface with the height of the top of the can or cans permitting access thereto for freely receiving garbage and capable of being bodily raised at will for garbage collection by collection trucks, an assemblage of such type comprising an open top tubular supporting member anchored to and extending upwardly from the ground surface, and a fabricated can-supporting element supported by and removably positioned in axial alinement with the axis of the tubular member, said element including an elongated tubular spindle extending axially within the tubular member and projecting thereabove a distance at least equal to the height of a positioned garbage can, and a can-supporting formation of circular contour permanently secured to a mid-zone of the spindle length and rotatable with the spindle to thereby permit swinging of the element by truck attendant activity to position a can available for dumping procedure and return of the can, said formation including two series of strip members, with each series having its strips in spaced parallelism and with the strips of a series extending at right angles to the

3

direction of length of the strips of the other series to thereby provide a can-supporting face of reticular type and having a circular contour, said face having a peripheral upstanding flange, the central orifice of the face being filled by a plate carried by the spindle and the walls of the orifice and dimensioned to overlie the open top of the tubular supporting member and cooperate therewith to support the element rotatively in definite vertical position for service, said element being fabricated by welding into a unitary assembly in which the projecting portion of the spindle prevents shifting of positioned cans with the housed spindle and cooperating with the plate to maintain the formation relation to the supporting member constant in presence of unequal weight distribution of positioned cans.

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4

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