July 28, 1953 C. R. RUSSELL 2,646,955

SUPPORT FOR GARBAGE CANS AND THE LIKE

Filed Aug. 27, 1951

Fig. 1.

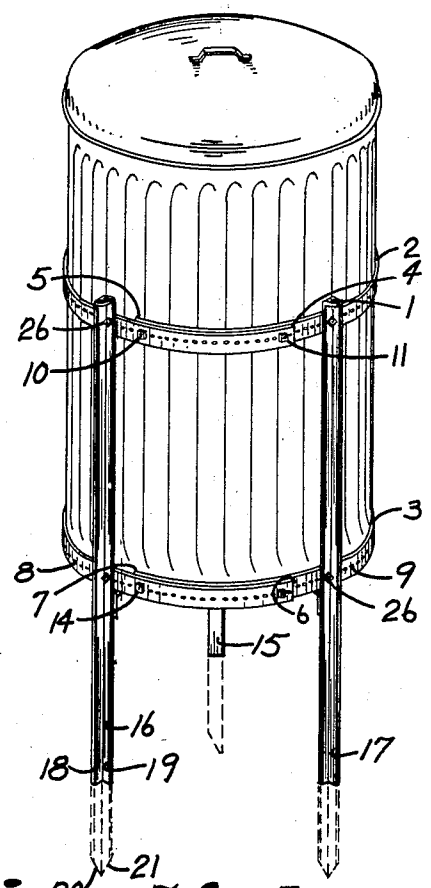


Fig. 2.

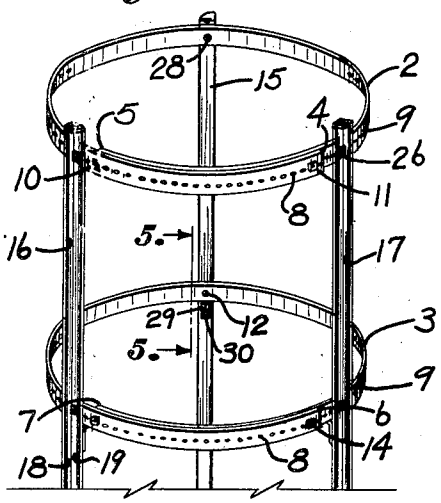


Fig. 3.

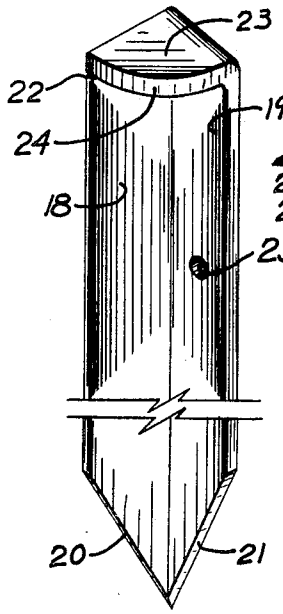


Fig. 4.

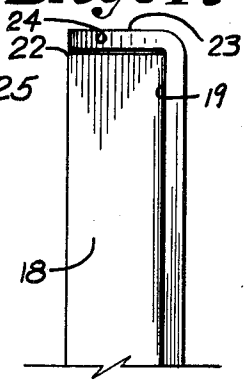
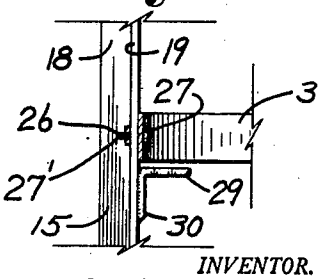


Fig. 5.



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SUPPORT FOR GARBAGE CANS AND THE LIKE

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2 Claims. (Cl. 248—149)

1

This invention relates to supports for containers such as garbage cans and has for its principal object to provide a support of this character which includes adjustable bands adapted to encircle cans of different diameters and which carry stakes or legs that are adjustably attached to the bands for maintaining substantially uniform spacing of the legs, depending upon the size of the can to be placed in the support.

Other objects of the invention are to provide the legs with lower pointed ends and coped upper ends which permit driving of the legs into the ground without causing the legs to drift out of alignment and prevent battering of the upper ends, and to provide the legs with brackets or steps to engage under the bottom chime of the can for supporting the can with the bottom above ground and the top of the can at a convenient level for manipulating the lid.

In accomplishing these and other objects of the invention hereinafter pointed out, I have provided improved structure, the preferred form of which is illustrated in the accompanying drawings, wherein:

Fig. 1 is a perspective view of a support constructed in accordance with the present invention and showing a conventional garbage can carried thereby.

Fig. 2 is a perspective view of the upper portion of the support, particularly illustrating the structure whereby the support is adjustably adaptable to cans of different size.

Fig. 3 is an enlarged perspective view of the upper end of one of the legs showing the coping to facilitate driving of the leg into the ground.

Fig. 4 is a side elevational view of the upper end of the leg.

Fig. 5 is an enlarged fragmentary section on the line 5—5 of Fig. 2, particularly illustrating the mounting of the bracket or step.

Referring more in detail to the drawing:

1 designates a support constructed in accordance with the present invention and wherewith a garbage can or the like may be firmly supported above ground to prevent turning thereover by cats, dogs and other animals on foraging expeditions.

The support includes upper and lower bands 2 and 3 that are formed from substantially flat strip-like material and rolled into circular form with ends 4—5 and 6—7 thereof in overlapping relation. The overlapping ends are each provided with a series of openings 8 and 9 whereby the bands may be fitted about a can and secured together by insertion of bolts 10 and 11 through

2

registering openings. The bolts have substantially flat or rounded heads 12 and the shanks 13 which are provided with nuts 14 threaded thereon to cooperate with the heads in drawing the ends of the bands into face to face contact. The bands are supported in spaced relation by stakes or legs 15, 16 and 17 which are adapted to be arranged approximately 120° apart about the circumference of the bands, as shown in Fig. 2.

The legs or stakes are preferably formed of angles having right angularly disposed flanges 18 and 19 that are pointed at their lower ends as at 20 and 21 to prevent drifting of the legs out of vertical alignment when the legs are driven in the ground as later described. The upper ends of the legs have one of the flanges cut shorter than the other so that the projecting end of the longer flanges may be turned over at right angles to rest on the upper ends 22 of the shorter flanges and form copes 23, the outer portions of the copes 23 being preferably rounded as at 24 to avoid snagging of clothing and the like on the upper ends of the legs.

One of the flanges, for example the flange 19, of each leg has spaced apart openings 25 for passing fastening devices 26 by which the legs are attached to the bands. The fastening devices preferably comprise bolts having rounded heads 27 and threaded shanks 23 for extension through certain of the series of openings 8 and 9 in the instance of two of the legs and through an intermediate opening 28 of the bands in case of the other leg.

Carried by the flanges 19 at a point below the lower openings 25 are brackets or inturned steps 29 which preferably comprise angles having one leg 30 fixed to the inner side of the respective flanges 19 by welding or the like, and the other legs of the brackets are turned outwardly to engage and support the can while it is embraced by the respective bands 2 and 3.

In installing the support constructed as described, one of the bands is fitted snugly around the can to be supported thereby and the ends are secured together by the bolts 10 and 11, registering openings in the ends of the bands being used for passing the bolts with the heads on the inner side of the bands and the nuts on the outer side. The band is then placed on the ground at the desired location. One of the legs or stakes, with the step or bracket facing inwardly, is placed with the point thereof in register with the intermediate opening 28 and the stake is driven into the ground by means of a

hammer with the blows being struck against the coped end of the stake or leg.

Two holes are then noted in the opposite side of the band that will divide the circle formed by the band into three equal parts. The other two stakes are then placed at these openings and driven in the same manner as the first stake. The other band is then bolted together to form a ring of the same size as the first band. The bands are then placed in proper position and secured to the stakes by bolts **26** which are passed through the selected openings in the bands with which the stakes or legs were registered, as shown in Fig. 2.

When the nuts on the bolts are drawn tight, a substantially rigid frame is provided for supporting the can in upright position when the bottom is passed through the opening formed by the bands to rest the bottom chime on the inwardly facing steps or brackets **29**.

When thus supported, the can is carried at a convenient level to facilitate removal and application of the lid when placing garbage in the can. It is also obvious that the can is supported so that it cannot be turned over, and that the bottom thereof is carried above the ground with the result that the bottom remains dry and free from rust.

What I claim and desire to secure by Letters Patent is:

1. A support for cans of different diameters, said can support including upper and lower bands each formed of a continuous length of strap material and each having an opening midway of its ends and a series of openings extending inwardly from ends of the bands to points spaced from the midopening to provide one opening in each end approximately 120° from the midopening when the bands are extended about a can with the ends lapped sufficiently to closely accommodate the can therein, fastening devices interconnecting the overlapped ends, a leg having

openings registering with the midopening in said bands, additional legs having openings registering with said openings in the bands that are approximately 120° from the midopenings, and fastening devices extending through the openings of the last named legs and said registering openings of the bands for securing the legs to the bands in substantially equally spaced relation with each other.

2. A support for cans of different diameters, said can support including upper and lower bands each formed of a continuous length of strap material and each having an opening midway of its ends and a series of openings extending inwardly from ends of the bands to points spaced from the midopening to provide one opening in each end approximately 120° from the midopening when the bands are extended about a can with the ends lapped sufficiently to closely accommodate the can therein, fastening devices interconnecting the overlapped ends, a leg having openings registering with the midopening in said bands, additional legs having openings registering with said openings in the bands that are approximately 120° from the midopenings, and fastening devices extending through the openings of the last named legs and said registering openings of the bands for securing the legs to the bands in substantially equally spaced relation with each other, said legs comprising angles having one flange engaging outer sides of the bands and provided with said openings and other legs extending outwardly to stiffen said legs.

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