Jan. 17, 1961 R. M. TIMMONS 2,968,459

CAN SUPPORT AND LID

Filed Jan. 16, 1959

FIG. 1

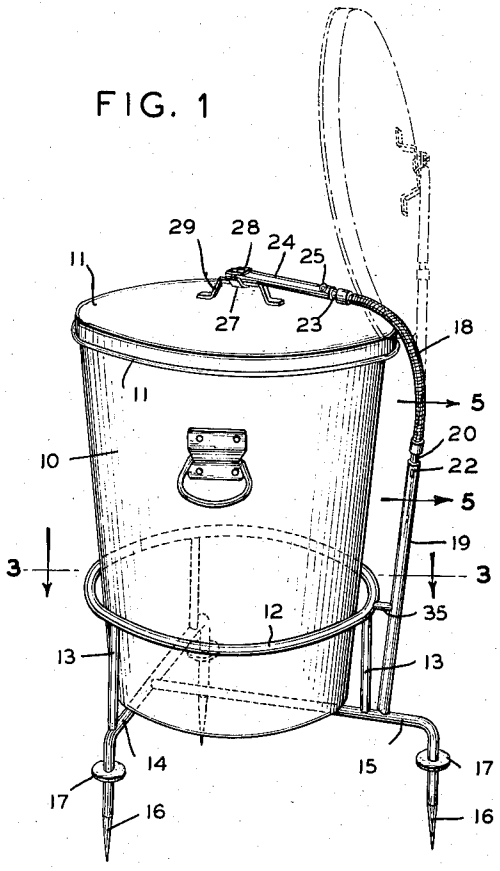


FIG. 2

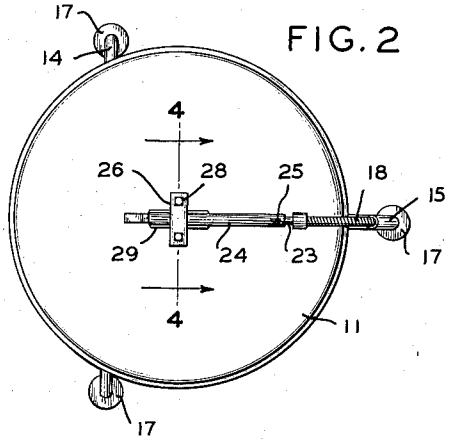


FIG. 3

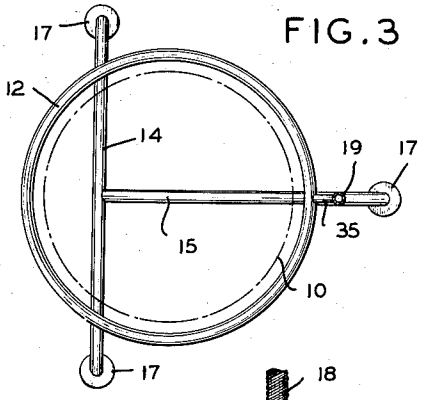


FIG. 7

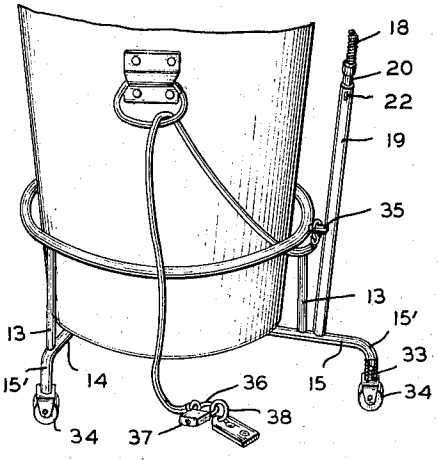


FIG. 4

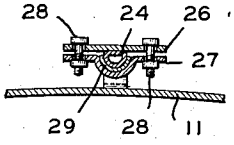
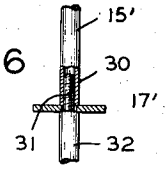


FIG. 6



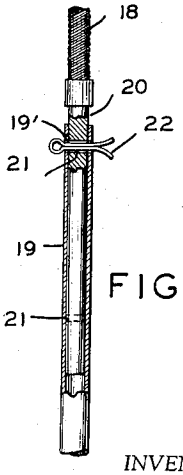


FIG. 5

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CAN SUPPORT AND LID

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2 Claims. (Cl. 248—146)

This invention relates to articles used around habitable quarters for the convenience of the personnel in the maintenance of desirable conditions, and particularly to utensils used by the housewife in connection with the feeding of the family.

The invention relates particularly to a holder for a garbage can or container for maintaining the same in a convenient location with the cover intact but permitting readily removal of the same to allow the deposit of matter into the can.

Garbage cans have been placed at convenient locations and the cover held thereon by gravity or by the fit of the same onto the can or receptacle with which it is associated and such cans have attracted dogs, rats and other animals and the cans have been overturned and the contents scattered. Devices have been produced to hold garbage cans in place, however these have been expensive, cumbersome or have been more complicated than they were worth.

It is an object of the invention to provide a relatively simple holder for a garbage can or other container, and a cover therefor so that they cannot be separated by an animal, but in which the lid may be easily and readily removed for the deposit of material into the can.

Another object of the invention is to provide a holder for a garbage can of simple and inexpensive construction with a minimum number of parts and with means for anchoring the holder so that it with its lid cannot easily be dislodged or overturned by an animal, and with such device provided with means by which the unit may be locked on location against unauthorized removal.

Other objects and advantages of the invention will be apparent from the following description taken in conjunction with the accompanying drawing, wherein:

Fig. 1 is a perspective illustrating one application of the invention;

Fig. 2, a top plan view with the lid closed;

Fig. 3, a horizontal section on the lines of 3—3 of Fig. 1;

Fig. 4, a section on the line of 4—4 of Fig. 2;

Fig. 5, an enlarged detail section on the lines 5—5 of Fig. 1;

Fig. 6, a detail section of a modified form of a leg extremity; and

Fig. 7, a fragmentary side elevation of the lower portion of the device illustrating a cable for locking the device in a particular location.

Briefly stated, the invention comprises a support for the bottom of a garbage can, which support is generally T-shaped, being composed of a pair of bars, one slightly shorter and connected at right angles to the central portion of the other with the three remote ends of the bars disposed downwardly at right angles to provide a three-point support either in the form of piercing points, or rollers, or the like. On the T-shaped base or frame member a few inches above the same is a can or receptacle retaining ring supported by posts and a gooseneck or flexible coupling is provided with extremities fixed one

to the base and the other to the lid of the container, the flexible coupling or gooseneck permitting the lid to be raised for the deposit of material in the can and replaced, the gooseneck offering sufficient resistance to render removal of the lid by an animal difficult, if not almost impossible.

With continued reference to the drawing, the invention is a holder for a garbage can **10**, and a lid **11**, of conventional construction, the holder comprising a ring or annulus **12**, of a size to snugly receive the lower end portion of the can. The ring is carried by uprights **13**, maintained on horizontal bars **14** and **15**, with the latter disposed substantially at right angles to the former to provide a generally T-shaped supporting base for the bottom of the garbage can.

The three free ends of the bars **14** and **15**, are disposed downwardly and may be sharpened at their extremities to provide piercing points **16**, such downwardly extending portions having collars or disks **17**, fixed thereto for limiting the penetration of such supporting portions. With the construction described the can is both supported on the base, including the bars **14** and **15**, and is confined within the ring **12**, while the downwardly disposed supporting portions are anchored in a supporting medium such as the earth.

In order to perform the dual function of retaining the lid **11**, of the can from being lost and at the same time to retain the can in the holder with the cover thereon, a gooseneck or flexible connector or flexible conduit **18**, is provided having one end attached to a support such as the support **15**, by means of a tubular post **19**, adapted to receive the extension **20**, of the gooseneck or flexible connector **18**. The extension **20** is provided with spaced openings **21** for registration with opening **19'** and the receipt of a cotter pin **22**. This permits adjustability of the connector with regard to the post.

In like manner the opposite end of the flexible connector **18**, is provided with an extension **23**, which fits into a sleeve **24**, and is held therein by means of a cotter pin **25**. The opposite end of the sleeve **24**, has attached thereto a pair of clamping members **26** and **27**. Clamping member **26** is welded or permanently secured to the sleeve **24**, and the clamping member **27** is connected to the clamping member **26** by bolts **28**, so that the handle **29** of the garbage can may be confined between the sections of the clamp.

If it is desired the bars **14** and **15** may be of tubing and have their downwardly turned portions **15'** provided with internal threads **30** for the reception of threaded extremities **31** of pointed extensions **32**, or similar studs **33**, or rollers **34**, so that either piercing points or rollers may be employed as desired to support the base.

If desired a brace **35** may be disposed between the ring **12** and the post **19**, and if desired an anchoring cable may have one end fixed to brace **35** and its other end provided with a ring **36** by which it may be secured by a lock **37**, with an eye **38** permanently fixed to the support on which the garbage can is allowed to rest.

It will be obvious to those skilled in the art that various changes may be made in the invention without departing from the spirit and scope thereof and therefore the invention is not limited by that which is illustrated in the drawing and described in the specification, but only as indicated in the accompanying claims.

What is claimed is:

1. A garbage can and lid holder comprising a stand for receivably supporting a garbage can, said stand including horizontally disposed members on which said can is adapted to rest and a horizontal ring supported from and above said members in fixed relation thereto, downwardly extending supports connected to said members in spaced relation about the outer portion of the stand, a lid for

said can, an elongated lid retaining attachment having one end attached to said stand and the other end attached to said lid and with a flexible conduit portion along its length bendable to permit application and removal of the lid and of a character to retain said lid in a definite position regardless of whether raised to permit access to said can or in a position forming a closure for said can.

2. A garbage can and lid holder comprising a stand for receivably supporting a garbage can, said stand including support members to position the can on the stand, a vertical lid support post integral with said stand and adapted to substantially parallel the wall of a can supported by the stand, a lid for said can, and a connection between said lid and said post including a length of flexible conduit whereby the lid may be adjusted and held in any desired position by flexing of said flexible conduit portion.

References Cited in the file of this patent

UNITED STATES PATENTS

1,495,894	Du Bois	May 27, 1924
1,619,307	Offenbach	Mar. 1, 1927
2,594,545	Emens	Apr. 29, 1952
2,673,053	Kilian	Mar. 23, 1954
2,698,165	Rosenthal	Dec. 28, 1954
2,732,155	Stanley	Jan. 24, 1956
2,862,683	Dunagan	Dec. 2, 1958

FOREIGN PATENTS

513,051	Germany	Nov. 21, 1930