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HOLDER FOR CONTAINERS

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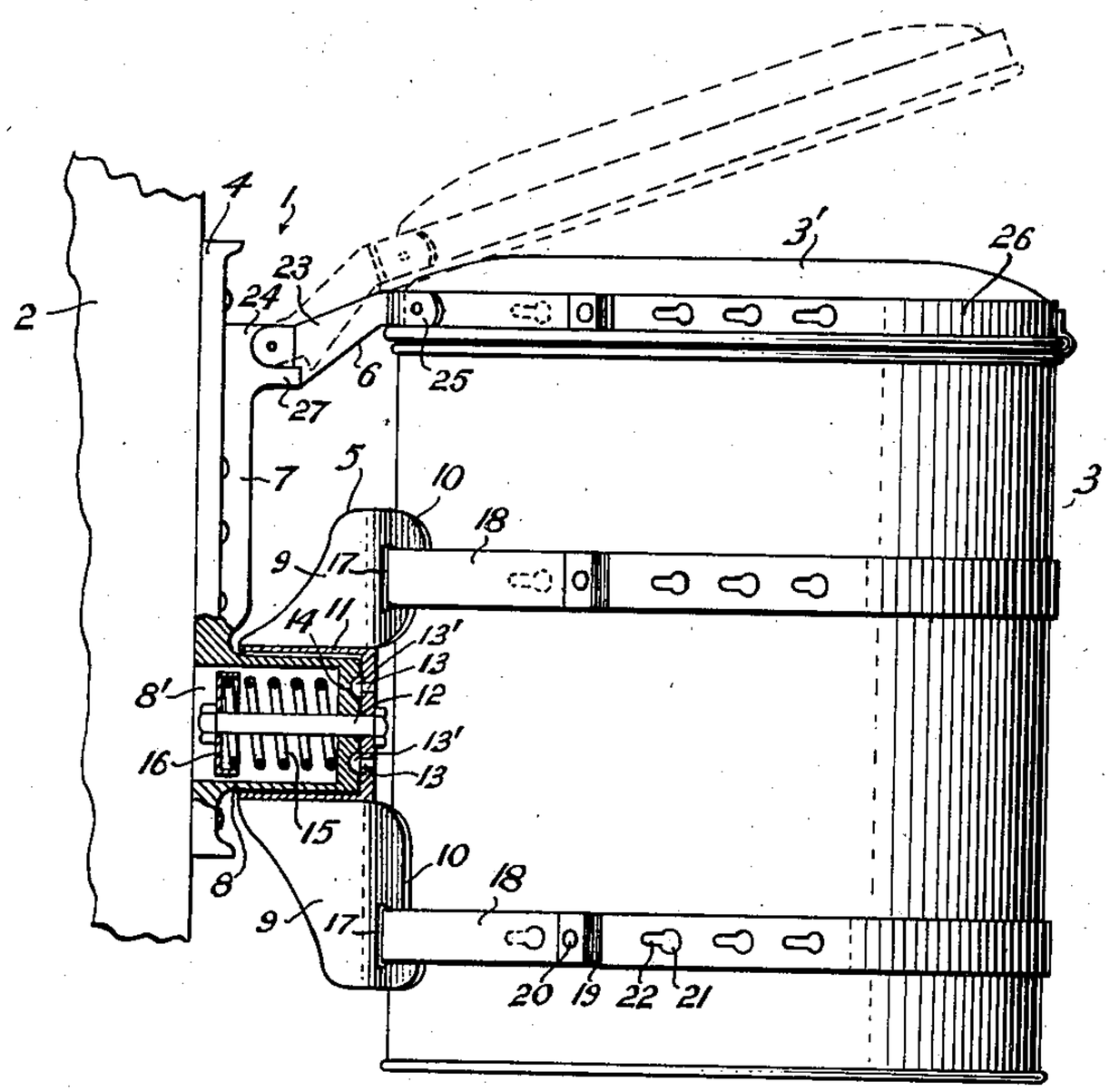


Fig. 1

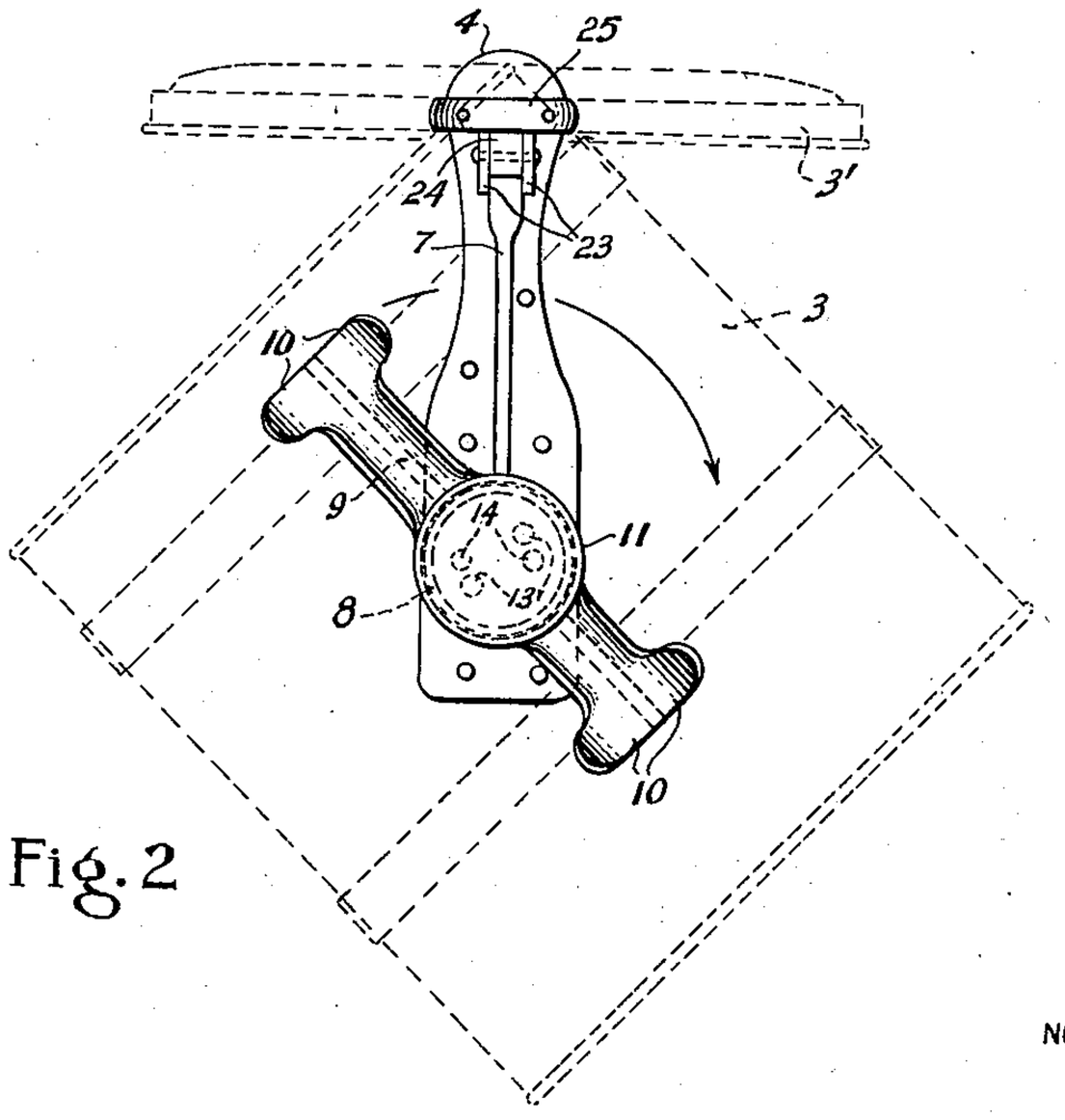


Fig. 2

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HOLDER FOR CONTAINERS

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3 Claims. (Cl. 248—313)

This invention relates to a holder for containers or receptacles and more particularly to a holder for garbage cans or refuse containers.

An object of the invention is to provide a means for preventing unauthorized molestation of refuse containers by animals, and the consequent scattering of the refuse, by securely positioning the container out of reach of such animals but at the same time readily accessible for the reception and discharge of refuse. Another object is to provide means for ensuring the automatic and accurate replacement of the cover on the container whenever it has been removed therefrom for the depositing or discharge of refuse, thus completely shielding the refuse at all times from flies and insects and eliminating attendant unsanitary conditions. A further object is to ensure protection of the container from damage by rough handling. A further object is to provide a device which may be quickly and easily applied to the usual types of containers and receptacles now in use.

Other objects of the invention will be evident from the following description of one embodiment illustrated in the accompanying drawing, in which,

Figure 1 is a side elevation of the device with a container positioned therein, and

Figure 2 is a front elevation of the device, the position of the container in relation therewith being shown in dotted lines.

In the drawing, the device 1 is shown secured at a convenient height on any suitable support 2, which may be a wall or post, and the refuse container 3, provided with a cover 3' is secured therein in a manner to be later described.

The device consists broadly in a main supporting bracket 4, a bracket 5 to which the refuse container is secured and which is rotatably secured to the main bracket 4 and a hinged cover-supporting bracket 6.

The main bracket 4 is formed with a central reenforcing rib 7 extending along a portion of its length on one side thereof and a circular housing 8 adjacent one end below the rib 7. The housing 8, as shown, is open at the back and closed at the front to form a cylindrical chamber 8'.

The rotary bracket 5 is formed with a main rib 9 having a pair of curved wings 10 at either end and with a circular housing 11 also closed at the front and open at the back and adapted to fit over the housing 8 of bracket 4 as shown.

The bracket 5 is secured to the main bracket 4 by means of a bolt 12 extending through the centre of the abutting vertical walls of housings 8 and 11, respectively. Means are provided for resiliently locking bracket 5 in various rotative positions with respect to bracket 4 and comprise a pair of pins 13 secured in the vertical wall of housing 11 and having rounded or semi-spherical projections or heads 13' extending into the housing 11, and a plurality of pairs of corresponding depressions 14 formed in the outer or meeting surface of the vertical wall of housing 8. The housing 11 has resilient axial movement with respect to housing 8 by means of a spring 15 located in housing 8 and surrounding the bolt 12 and being retained in position by means of a cup washer 16 against which the spring abuts and through which the bolt 12 extends.

The rib 9 is provided with a slot 17 adjacent each pair of wings 10, each slot being adapted to receive an adjustable band 18 which surrounds and clamps thereto the container 3. The adjusting means for the bands may comprise, as shown, a tab 19 secured to the band and having a button 20 adapted to be inserted in the openings 21 and become locked in the slots 22.

The cover-supporting bracket 6 includes a pair of lugs 23 pivoted at one end to a somewhat enlarged portion 24 of rib 7 and secured at the other end to a curved plate 25. The curved plate 25 is secured to an adjustable band 26 which surrounds and clamps thereto the cover 3'. The bracket 6 may pivot only in an upward direction from its normal substantially horizontal position, flanges 27 being formed on the enlarged portion 24 to engage the lugs 23 and prevent downward movement thereof.

In use, the cover of the container may be freely opened for the deposit of refuse therein and, by means of the supporting bracket 6, will always drop accurately back into position. When it is desired to dump the container, it is only necessary to lift the cover momentarily into the position shown in dotted lines in Figure 1 and turn the container about the axes of the housings 8 and 11. The resilient locking means provides a plurality of dumping positions, one of which is shown in dotted lines in Figure 2. As illustrated, the locking means provides accurate and secure positioning of the container in upright position, a first locked dumping position corresponding to approximately 135° rotation of the container and in completely reversed position. Any number of desired locking positions may of course be provided.

The device may be applied to various containers and receptacles for numerous purposes. Moreover, only a comparatively few sizes of the

device are required in practice, since one size may be applied to a large range of sizes of containers. The device also ensures safe handling of the container and avoids the frequent damages to such types of containers by the rough handling of refuse collectors.

I claim:

1. A holder for containers comprising a bracket having a plurality of wing members embracing and removably secured to a portion of a container, a second bracket secured to a support, and means for rotatively mounting the first bracket on the second bracket, said last mentioned means comprising a housing carried by the first bracket and providing a cylindrical chamber having a vertical end wall and a cylindrical housing carried by the second bracket and having a vertical end wall and arranged to project into said cylindrical chamber with said vertical end walls in abutting relation.

2. A holder for containers as defined in claim 1 wherein means are provided for resiliently positioning said first bracket in a plurality of rotative positions comprising resilient means for securing the vertical end walls of said chamber and said housing in abutting relation and projections on said chamber end wall, said housing end wall having depressions corresponding with and arranged to receive said projections.

3. A holder for a container comprising a frame member, a bracket having a plurality of curved wing members embracing a portion of the container, adjustable bands passing through said bracket adjacent the wing members and encircling the container, means for rotatively mounting said bracket on said frame member whereby the container is freely turnable about the axis of said rotative means, and means for accurately positioning the container in upright and upturned positions.

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