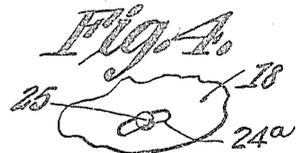
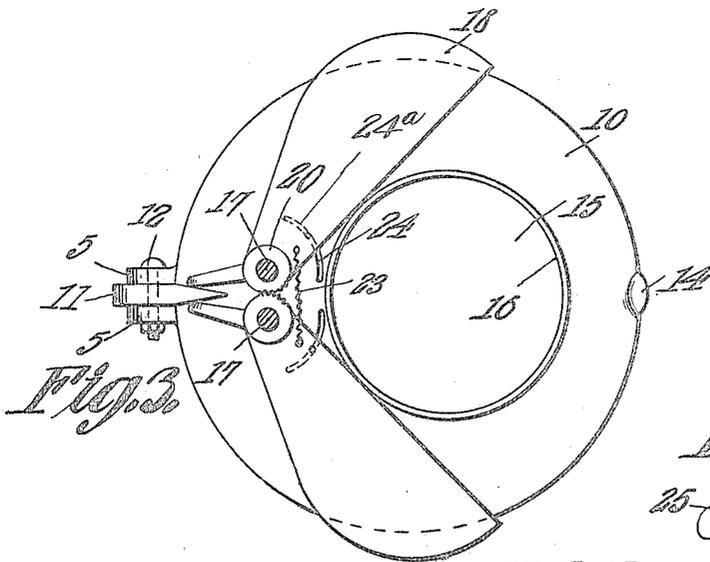
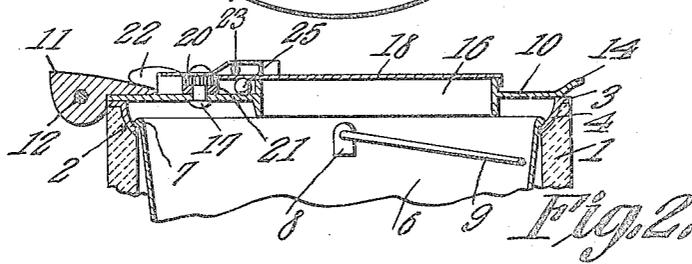
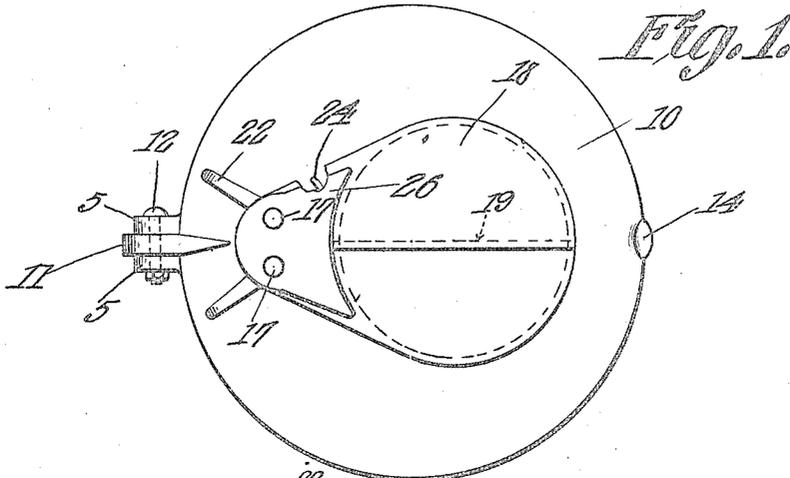


E. L. BROWNSON.  
 GARBAGE CAN RECEPTACLE COVER.  
 APPLICATION, FILED MAR. 19, 1914.

1,152,286.

Patented Aug. 31, 1915.



Witnesses

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# UNITED STATES PATENT OFFICE.

EARL L. BROWNSON, OF ROCHESTER, NEW YORK, ASSIGNOR TO J. FRANK NORRIS, OF ROCHESTER, NEW YORK.

## GARBAGE-CAN-RECEPTACLE COVER.

1,152,286.

Specification of Letters Patent. Patented Aug. 31, 1915.

Application filed March 19, 1914. Serial No. 825,904.

*To all whom it may concern:*

Be it known that I, EARL L. BROWNSON, a citizen of the United States, residing at Rochester, in the county of Monroe and State of New York, have invented a new and useful Garbage-Can-Receptacle Cover, of which the following is a specification.

The device forming the subject matter of this application is a receptacle for refuse, and ordinarily is embodied in the form of a garbage can.

The invention aims, primarily, to provide novel means for controlling the closures which coact with an opening in the lid.

It is within the scope of the invention to improve generally and to enhance the utility of devices of that type to which the present invention appertains.

With the above and other objects in view which will appear as the description proceeds the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of the invention herein disclosed can be made within the scope of what is claimed without departing from the spirit of the invention.

In the accompanying drawings:—Figure 1 shows the invention in top plan, parts being broken away; Fig. 2 is a vertical section, the closures being drawn together so as to lie above the opening in the lid; Fig. 3 is a top plan, the closures being separated, and the guard being broken away; Fig. 4 is a fragmental bottom plan of one closure.

In carrying out the present invention there is provided a case 1 which may be of any desired form, the same, preferably, being made of concrete. Mounted upon the upper end of the case 1 is a ring denoted generally by the numeral 2 and which preferably is made of metal, the ring 2 comprising a rim 3 engaging the upper edge of the case 1, and a flange 4 which extends downwardly inside of the case 1. The ring 2 is equipped with spaced ears 5.

The invention may include a container 6 adapted to be placed inside of the case 1. The container 6 may be in the form of a pail provided at its upper end with an outstanding bead 7 which, coacting with the flange portion 4 of the ring 2, holds the container 6 against downward movement in the case 1. The container 6 may be equipped

with internal ears 8 supporting a bail 9. In general, the case 1 and the container 6 may be of any desired construction.

The invention includes a lid 10, preferably made of metal and provided with a lug 11 which registers between the ears 5 on the ring 2, there being a pivot element 12 passing through the lug 11 and the ears 5 to the end that the lid 10 may be swung upwardly and rearwardly when desired. To facilitate the opening movement of the lid 10 the same is provided at a point opposite to the lug 11 with a lip or handle 14 which may be of any desired construction. The lid 10 is provided with an opening 15 bounded by a collar 16.

Inserted into the lid 10 is a pair of pivot elements 17, forming supports for closures 18, mounted to move toward and away from the opening 15. For obvious reasons, the meeting edges of the closures 18 may be overlapped slightly as indicated at 19. The pivot elements 17 pass through gear wheels 20, formed upon or secured to the closures 18, the gear wheels 20 being in mesh with each other. Washers 21 may be interposed between the gear wheels 20 and the lid 10, for the purpose of elevating the closures 18 so that the same will clear the collar 16 when the closures are brought together. The closures are equipped with rearwardly protruding, diverging extensions 22, so that, in effect, the closures are fulcrumed intermediate their ends upon the pivot elements 17. In order to draw the closures 18 together, the same are connected by a retractile spring 23. In order that the closures 18 may move smoothly and evenly with respect to the lid 10, the tracks 24, which may be grooves, are formed in the lid 10 and in the under faces of the closures 18 short grooves or tracks 24<sup>a</sup> are formed, the grooves 24 and 24<sup>a</sup> receiving antifric-tion devices which may be balls 25.

A guard, which may be in the form of a plate 26, is supported by the lid 10 and overhangs the spring 23 and the grooves 24 to protect these elements from the weather. In securing the guard 26 to the lid 10, the guard, preferably, is mounted upon and carried by the upper ends of the pivot elements 17, as will be understood readily from Fig. 1.

In practical operation, when it is desired to uncover the opening 15, the toe of the

operator is thrust against one or the other of the extensions 22 of the closures 18, the closures fulcruming upon the pivot elements 17 and moving to open positions, as shown in Fig. 3, each closure constituting a means for actuating the other by reason of the fact that the gear wheels 20 on the closures are in intermeshing relation with respect to each other. During the operation above described, the spring 23 is put under tension and when the closures 18 are released, the spring will cause the closures to swing together, into the position shown. Obviously, during the movement of the closures into open or closed positions, the anti-friction devices 25 facilitate the movements of the closures.

All parts of the superstructure preferably are fashioned from metal.

Having thus described the invention, what is claimed is:—

1. In a device of the class described, a lid; pivot elements mounted on the lid; closures fulcrumed intermediate their ends on the pivot elements and terminating in spaced extensions adapted to be pressed together to open the closures; a spring connecting the closures; and a guard supported by the pivot elements and overhanging the spring when the closures are in an open position, the guard acting as a brace for the pivot elements when the extensions are pressed together.

2. In a device of the class described, a lid having a track; pivot elements carried by the lid; closures fulcrumed intermediate their ends on the pivot elements and terminating in spaced extensions adapted to be pressed together to open the closures; anti-friction devices engaged with the track and with the closures; and a guard mounted on the pivot elements and overhanging the track when the closures are separated, the guard acting as a brace for the pivot elements when the extensions are pressed together.

3. In a device of the class described, a lid having an opening; pivot elements secured to the lid; closures for the opening and including intermeshing gear wheels, the gear wheels being journaled on the pivot elements and being located intermediate the ends of the closures; tracks on the lid; anti-friction elements mounted in the tracks and engaging the closures; a spring connecting the closures; and a guard supported upon the pivot elements and overhanging the spring and the track.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

EARL L. BROWNSON.

Witnesses:

JOHN RAINES, Jr.,  
GEORGE R. RAINES.